

Checklist of Vascular Plants of the Southern Rocky Mountain Region

(VERSION 3)

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Dedication

To all who work on behalf of the conservation of species and ecosystems.

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Introduction

This Checklist provides a summary of vascular plant taxa from the **Southern Rocky Mountain Region (SRMR)** with selected synonymy. The selected nomenclature is intended to reflect phylogenetic (evolutionary) relationships as they are currently understood, given that such relationships are the basis for biological classifications. It is understood that nomenclatural changes are not always warmly embraced. Some changes were premature (including in previous versions of the Checklist), and there will be more changes. However, a relative slowdown of changes at the familial and generic levels is likely given the flurry of molecular studies over the past 25 years.

As defined here, the SRMR includes nine counties in southern and eastern Wyoming (Albany, Carbon, Converse, Goshen, Laramie, Niobrara, Natrona, Platte, Sweetwater), all of Colorado, and ten counties from northcentral and northeastern New Mexico (Colfax, Harding, Los Alamos, Mora, Rio Arriba, Sandoval, San Miguel, Santa Fe, Taos, Union). It also includes the northern half of Quay County (north of Interstate 40), New Mexico. The inclusion of three additional New Mexico counties (Harding, Union, part of Quay) compared to the first iteration of the Checklist (Snow04) reflects their high degree of floristic similarity with adjacent high plains counties to the north in Colorado (Schiebout08) and relative lack of taxa more typical of the Chihuahuan Desert flora, which becomes increasingly prominent south of Interstate 40. The 9,600+ specimens collected for a recent thesis (Schiebout08) in northeast NM and the ongoing work of Hazlett et al. (in prep.) on the Kiowa National Grassland (specimens mostly at GREE) provided adequate material to incorporate these counties into a slightly expanded concept of the SRMR.

The Checklist relied heavily (see Acknowledgments) on input from numerous specialists and recent publications such as *Flora of North America*, *Intermountain Flora*, *Vascular Plants of Wyoming* (Dorn01), and *A Utah Flora* (Welsh03). Nomenclature for ferns, fern allies, and gymnosperms generally follows *Flora of North America* Vol. 2, although more recent classifications exist for ferns (e.g., Goffinet04).

Familial treatments for angiosperms mostly mirror the Angiosperm Phylogeny Group II (APG II) classification. The adoption of APG II by five plant systematics textbooks or something similar (Zomlefer94; Judd07; Sprichiger04; Simpson06; Heywood07) reflects the degree to which APG II has been accepted by professional taxonomists. The retention of clearly outdated familial (e.g., Caprifoliaceae, Chenopodiaceae, Scrophulariaceae, Liliaceae s.l.) or generic concepts (e.g., *Aster*, *Semecarpus*, *Stipa*) is indefensible. Where data are equivocal or unconvincing regarding the monophyly of certain genera I have taken the broader generic concept (e.g., *Elymus*). In situations where Bremer, bootstrap or posterior probability support indices of clades are high there has been no hesitation in reducing some genera to synonymy (e.g., *Buchloe* into *Bouteloua*).

Widespread adoption of the nomenclature proposed here for the SMRM would align us with other regions and put us ahead of others. None of our larger institutions in the SMRM, towards which people look for scientific leadership, have updated their familial arrangements significantly since the publication of APG II. Further delays in updating familial organization in major herbaria should not be put off indefinitely. Although new or different names may be

uncomfortable (and remember, taxonomists deal with name changes more than anyone), students pick up new names easily, and it is our obligation to teach what we perceive to represent the best and most recent science and reflect that in our herbaria.

At the specific and infraspecific levels taxonomic opinion often differs between workers assessing variation globally and those having extensive but mostly localized field experience. As one who monographed a medium-sized genus of grasses that occurs on five continents and has hundreds of synonyms I understand keenly some of the underlying reasons for differing taxonomic views. Those with extensive but mostly provincial experience often can recognize ecotypes and populations with some degree of evident difference that may have been ignored or overlooked taxonomically by monographers or those writing broad treatments (e.g. *Flora of North America*). However, if localized variation is not evaluated in the context of variation globally, then a proliferation of heterotypic synonyms typically ensues. The extensive synonymy associated with some taxa in our area reflects this tension, particularly in genera with circumboreal or trans-American distributions (e.g. *Viola*, *Salix*, *Silene*). Pronounced manifestations of the local versus global tension is seen with *Mimulus guttatus*, for which Kartesz and Meacham (KTZ99) recognize nearly 70 synonyms. In the opposite direction, Reveal recognized 41 varieties for *Eriogonum umbellatum* in *Flora North America* (Vol. 5). In compiling the Checklist close attention was given to the views of those with extensive field-based knowledge and overall breadth of taxonomic experience, but wider treatments (FNA, Porter00, Wagner07) also have been considered. I have summarized elsewhere in detail the species concept and criteria I use, which was sometimes used to evaluate the taxonomic treatments of others (Snow97, Snow03).

The degree of synonymy indicated among taxa varies; users hopefully will understand that the primary goal has been to summarize names used (mostly) regionally, either now or previously, and to reflect modern taxonomic concepts. In some cases where the taxonomy of a group is particularly difficult, more extensive synonymy is provided.

Earlier versions (Snow04a, 07a,b) noted its origins in *A Checklist of the Vascular Plants of Colorado* (<http://www.mnh.wwyo.edu>). Important differences in the listing of synonyms between these documents is explained below (notes 2-v, 2-vi). In most cases I consulted volumes of *Flora of North America*, *A Working Index of New Mexico Vascular Plants* (<http://web.nmsu.edu/~kallred/herbweb>) by Kelly Allred, *A Flora of New Mexico* (Martin & Hutchins 1980-81), the *Synthesis of the North American Flora* (Kartesz & Meacham 1999), the plant database at the University of New Mexico Herbarium for NM counties in the SRMR, *Grasses of Colorado* (Shaw08), and the *Catalog of the Four Corners Flora* of Heil & O'Kane (<http://www.sanjuancollege.edu/Herbarium/catalogtitle.htm>). Some state records for Colorado from Heil and O'Kane have not been published or await further confirmation. A number of revisions and monographs that concern taxa from our region have been consulted and cited. Nearly all previous references to the U.S.D.A. *PLANTS* database have been removed since it is a dynamic document, and rechecking its usage would have required more time than that presently available. Likewise, many references to "RMC" (short for Rocky Mountain [Herbarium] Checklist, from 1992) have been removed given its age and other generally reliable sources of printed information since then (e.g., Dorn01, FNA volumes).

Newly reported species and infraspecific taxa from our region in volumes of *Flora of North America* generally have been included, but they were incorporated to minimize changes needed at the generic level compared to Snow07b, given the ongoing scoring of characters for taxa in the Southern Rocky Mountain Interactive Flora (Brasher06). In a few cases where species boundaries remain tentative in our region (e.g., *Eleocharis*, *Cirsium*, *Grindelia*) I have not hesitated to indicate that a doctoral dissertation for that group is needed. Taxa collected only once or twice long ago are in some cases treated as waifs that were subsequently extirpated (e.g. *Claytonia umbellata*). However, in cases where non-native taxa frequently are planted ornamenteally (e.g., *Linum usitatissimum*) and are likely to escape at least occasionally in localized areas, the taxa have been included as "present".

It is unfortunate that the larger herbaria of our region (COLO, RM, CS, UNM, COCO, GREE, KHD) are so unaligned nomenclaturally. Curators and collections managers in the SRMR should consider whether adoption of the nomenclature presented here (with modifications as necessary) more broadly. The National Science Foundation will support workshops and collaborative initiatives that work towards regional cooperation and standardization. The SRMR lags behind parts of the USA (e.g., southeastern US, California, Intermountain Region, Great Plains), where curators work collaboratively at documenting and disseminating data electronically about their regional flora (e.g., see <http://www.ser nec.org/files/R.A.O.Dec-2008.pdf>).

"Version 3" reflects six years of updates. While some will groan at changes, it is a good thing that systematics is a vigorous science and enhancing our understandings of species boundaries and evolutionary relationships (and thus generic boundaries). The next version of the Checklist will indicate state-wide distributions for each taxon (WY, CO, NM).

Please send all corrections to me at the Bishop Museum (neil.snow@bishopmuseum.org).

Notes

1. Nomenclature at the family level follows *Flora of North America* for fern allies and gymnosperms and APG II (2003) for flowering plants (or see Zomlefer 93; Judd07; Spricher02; Simpson06). Three-letter family acronyms are indicated to the right of each family (Weber82; Snow00; Brasher04; Snow09). Varieties typically are used in lieu of subspecies if the nomenclatural combination is available for variety. Quadrinomials are omitted (for rationale see Snow97), as are forms (*formae*). Some genera have some species with either subspecies or varieties (e.g., *Poa*); the allowance of such a mixture rather than to adhere strictly to one or the other (e.g., Dorn01) was to minimize the amount of rank changes from the previous checklist.
2. Names of accepted taxa appear on the far left-hand margin. Synonyms of accepted taxa are placed in square brackets [] and indented below each accepted taxon. The attribution of names and synonyms is based on their use in one or more of the standard floras or checklists. Six important points must be stressed regarding accepted taxa and their synonyms:
 - i) The name indicated for a taxon may not be the correct application of the name (i.e., the name being used may not match the type specimen for that name).
 - ii) A name may correctly match the type specimen but may not be correctly applied to taxa in our region. For example, *Carex foemina* var. *foemina* was misapplied to material in our region that is now properly attributed to *Carex siccata*.
 - iii) An indication of a name being an accepted taxon by a particular source (e.g. KTZ) does not necessarily mean that same source credits that taxon to our area.
 - iv) Taxonomic circumscriptions of many families and genera have changed based on molecular studies of the past two decades. Oddly enough, our theoretical basis for understanding and interpreting molecular data (e.g., DNA sequencing) is more fully developed than our ability to interpret the overall reliability of morphological or anatomical data. Although some earlier molecular studies were premature in proposing new classifications based on only one gene or limited sampling within a taxon, that tendency is mostly a thing of the past, and the changes herein typically are well supported by more than one source of data.
 - v) The manner in which this checklist treats the accompanying bracketed synonyms differs from Hartman & Nelson (2001), even though the visual format is the same. In Hartman & Nelson (2001) the abbreviations next to a bracketed synonym indicated the accepted names recognized by the various publications. In this document, a literature citation with a synonym can mean the same thing as Hartman & Nelson (2001). However, it also may indicate that the literature source (e.g. FNA, UT3), like this document, recognizes the name only as a synonym, not as an accepted taxon. The expanded usage herein more fully indicates known synonymy irrespective of whether the names have ever been applied to taxa in our region, or whether one of the local sources (FNA, UT3) recognized it as the correct name for an accepted taxon. This is important because different Floras split taxa at the specific and infraspecific levels in different ways. It has not been possible to exhaustively list all attributions of all sources. The following two examples should help clarify how synonymy is to be interpreted:

Example 1:

Toxicoscordion paniculatum (Nutt.) Rydb. - W&W, Zomlefer01, Zomlefer02, SFW
[*Helonias paniculata* Nuttall] - FNA
[*Zigadenus paniculatus* (Nutt.) S. Watson] - Dem01, FNA, HDH, IMF, KTZ, UTF, W

Explanation: *Toxicoscordion paniculatum* is accepted by W&W (Weber & Wittmann) and other indicated sources. The two references of Zomlefer indicate where detailed taxonomic data are published to support this combination. FNA recognizes this taxon under the genus *Zigadenus*, but also lists *Helonias* as a synonym for that genus. FNA also recognizes the name *Toxicoscordion paniculatum* but only as a synonym. It is important to stress that for full interpretation of the names and bracketed synonyms the user should consult the cited sources to see exactly how the name is treated by each author.

Example 2:

Several species of *Cryptantha* (Boraginaceae) have the generic name *Kryniotzia* indicated as a synonym, which are attributed to UT3. In this case, UT3 was the first source we found (although not necessarily the first source published) in which *Kryniotzia* is recognized as a generic synonym. However, UT3 does not recognize *Kryniotzia* as a valid genus. Again, users should consult each source to fully interpret our indications of synonymy.

Note: The authoritative confirmation of names in synonymy is one of the most time-intensive tasks in systematics, and can be done with confidence only when all type specimens are seen by a single author during a comprehensive revision or monograph of a given genus.

- vi) Some author abbreviations have been standardized herein even though different Floras have used them differently. For example, B. L. Robinson has been spelled out in full in our region or abbreviated as B. L. Robin., B. L. Robins., or B. L. Rob. I have not generally made new entries under the synonymy of a given taxon if the only difference was minor variations of abbreviating author(s), although this was done previously (e.g., Snow04a).
3. Braces {} indicate taxa and synonyms credited to the Southern Rockies that remain unsubstantiated, erroneous, or which may be expected given their proximity in adjacent states. The symbols <> enclosing one or more two-letter postal codes (e.g., <KS, OK>) indicate states contiguous to the Southern Rockies where a taxon has been documented if not attributed to our region by other sources (primarily *Flora of North America* [FNA] or the "Synthesis" [KTZ]).
4. Endemic includes taxa that may range beyond the SRMR within the states of NM or WY, but excludes taxa in adjacent states. Designations of endemism herein should not be taken as authoritative; additional confirmation is needed in many instances, and expanded ranges in adjacent states beyond our region are found frequently.

5. For Colorado species, Harrington (1954) used "in" frequently but "ex" seldomly in the citing of authorities. A semicolon separating authors appears often and may be equivalent to the "ex."
6. Hybrid taxa are indicated by a multiplication sign (X). The hybrid formula follows, then synonyms, if any (e.g. *Equisetum X nelsonii*).
7. Considerable variation exists between regional herbaria on their recognition of infraspecific taxa, and local Floras regarding their recognition. This accounts, in part, for the inclusion of "identification sources", since often only one (e.g., IMF, FNA) source for our region includes keys to infraspecific taxa.

Abbreviations for literature and reviewers

- APG II = Angiosperm Phylogeny Group (2003)
CC = Carolyn Crawford, Louisville, CO, pers. comm.
DA = Dirk Albach, Vienna, Austria, pers. comm.
Domöl = R. Dorn. 2001. Vascular Plants of Wyoming, 3rd Ed. Mountain West Publishing, Cheyenne
FCF = Catalog of the Four Corners Flora (<http://www.sanjuancollege.edu/Herbarium/catalogflora.htm>).
K. D. Heil & S. L. O'Kane, Jr.
FL = Friedrich Lauria, pers. comm.
FNA = Flora of North America Editorial Committee. 1993 and onwards. Flora of North America. Oxford Univ. Press, New York, NY
FNE = Kaul, R. B., D. M. Sutherland, S. B. Rolfmeier. 2006. The Flora of Nebraska. University of Nebraska, Lincoln.
GPF = Great Plains Flora Association. 1986. Flora of the Great Plains. Univ. Press of Kansas, Lawrence, KS
HDH = Harrington, H. D. 1954. Manual of the Plants of Colorado. Sage Books, Denver, CO
HDH2 = Harrington, H. D. 1964. Manual of the Plants of Colorado, 2nd Ed. Swallow Press, Chicago, IL
IMF = Cronquist, A., et al. 1972+. Intermountain Flora. Various publishers
IPNI = International Plant Names Index. (www.ipni.org/index.html)
JG = Gaskin, John, U.S.D.A (Sydney, MT), pers. comm.
JM = Jane Mygatt, pers. comm. 2003; database query from UNM
KTZ = Kartesz, J. T. & C. A. Meacham. 1999. Synthesis of the North American Flora Version 1.0. North Carolina Bot. Garden, Chapel Hill, NC
KTZ2 = Kartesz, J. T. & C. A. Meacham. Beta (unreleased). Synthesis of the North American Flora. North Carolina Bot. Garden, Chapel Hill, NC
KWA = Allred, Kelly W. (2003 and onwards; <http://web.unm.edu/~kallred/herbweb>)
M&H = Martin & Hutchins. A New Mexico Flora (full citation in Literature Cited)
NNL = Isely, D. 1998. Native and Naturalized Leguminosae (Fabaceae) of the United States. Brigham Young Univ., Provo, UT
NS = Neil Snow, personal comments and observations
RBS = Shaw, R. B. 2008. Geeses of Colorado. University Press of Colorado, Boulder.
RH = Ron Hartman, personal comments (especially API, AST, and CRY)
RMC = Nelson, B. E. & R. L. Hartman. 1992. Checklist of the Vascular Plants of Wyoming, unpubl. <http://www.rmh.uwy.edu>
SFE, SFW = Weber, W. A. & R. C. Wittmann. 1996. Colorado Flora: East Slope, ed. 2. or Colorado Flora: West Slope. Both Univ. Press of Colorado, Niwot, CO
SF! = Documented for both East Slope and West Slope floras (see above)
TK = Tass Kelso, pers. comm.
TROPICOS[®] = Missouri Botanical Garden (<http://mobot.mobot.org/W3T/Search/vast.html>)
UTF = Welsh, S. L., et al. 1993. A Utah Flora, ed. 2. Brigham Young Univ. Press, Provo, UT
UT3 = Welsh, S. L., et al. 2003. A Utah Flora, ed. 3. Brigham Young Univ. Press, Provo, UT
WAW = William A. Weber, pers. comm.
WJ = William Jennings, Louisville, CO, pers. comm.
WY Checklist = database query from RM of plants from WY in SRMR (May 2003)
W&S = Wooton & Standley. 1915. Flora of New Mexico. Contr. U.S. Nat. Herb. 19: 1-794
W&W = Weber, W. A. & R. C. Wittmann. 1992. Catalog of the Colorado Flora: A Biodiversity Baseline. Univ. Press of Colorado, Niwot, CO
W&W² = Weber, W. A. & R. C. Wittmann. 2008. Catalog of the Colorado Flora. Revised electronic version, 11 Mar 2000) (<http://www.colorado.edu/cumines>)
W&W²E=Weber, W. A., & R. C. Wittmann. 1996. Colorado Flora: Eastern Slope. Revised Edition. The University Press of Colorado
W&W²W=Weber, W. A., & R. C. Wittmann. 1996. Colorado Flora: Western Slope. Revised Edition. The University Press of Colorado
W&W²E=Weber, W. A., & R. C. Wittmann. 2001. Colorado Flora: Eastern Slope. Third Edition. The University Press of Colorado

Herbarium Abbreviations: ARIZ (Univ. Arizona); BRY (Brigham Young Univ.); COCO (Colorado College); COLO (Univ. Colorado - Boulder); CS (Colorado State Univ.); GREE (Univ. Northern Colorado); KHD (Denver Botanic Garden); RM (Univ. Wyoming); UNM (Univ. New Mexico); USFS (National Herbarium, Forest Service [at RM])

Other Abbreviations

* = invasives in the Southern Rocky Mountains from outside NA

⊕ = invasives considered introduced to the Southern Rockies from elsewhere in NA

♦ = Endemics to the Southern Rocky Mountain Area

† = presumed extinct

attrib. = attributed

cult. = cultivated

err. = erroneous

exp. = expected

ENDEMIC = endemic to SRMR or (at maximum) states of CO, NM, and/or WY

misid. = report based on a misidentified specimen

misapp. = the name was misapplied or used inappropriately

rep. = report, reported

E, W, or E/W - These designations indicate the taxon is documented on the East or West slope ("slope flora East," SFE, "slope flora West," SFW, or both, SF!)

AZ, CO, KS, NE, NM, OK, UT, WY - Two-letter postal codes are used for the states.

NA = North America

USA = United States of America

Approximate Numerical Summaries

Numerical summaries should be taken as no more than approximations of local diversity levels. The reasons in favor of this view are numerous: Familial and generic concepts are always somewhat in flux; some taxa treated at the infraspecific level are treated elsewhere as species; all specimens of locally infrequent species may be misidentified; new taxa are being discovered periodically; new state records are made constantly; whether some species are truly naturalized from ornamental plantings may be hard to discern; taxa that were once established have been extirpated later (e.g., *Briza* spp.); and compilers can easily miscount longer lists. Clayton09 notes that inclusion of a taxon for which only one or a few specimens were collected many decades ago, and which has not been collected or seen thereafter, inflates the real situation. However, I have not re-evaluated records known only from 50 years ago or longer.

Families: 148

Genera: 851

Species: 3265

Nothotaxa (species of hybrid origin): 38

Undescribed taxa: 5

Infraspecific taxa: 440

Total: Species + infraspecific taxa: 3748

Presumed extinct: 1 (*Cryptanthus aperta*)

Regional endemics: 134

North American invasive taxa: 113

Extra-American invasive taxa: 419

Invasive taxa total: 532

Invasive taxa in flora by percent: 14.4%

Acknowledgments

Earlier incarnations of this Checklist (Snow04; Snow07a,b) built from earlier checklists and databases produced or maintained by Ronald Hartman and Burrell "Ernie" Nelson, Kelly Allred, William Weber and Ronald Wittmann, Chris Frazier, Jane Mygatt, and Ken Heil and Steve O'Kane, Jr. My thanks to the above individuals and Ben Legler, John Kariesz, Peter Hoch, Bill Jennings, Monique McHenry, Don Hazlett, Pamela Smith, Bonnie Heidel, Leigh Johnson, Ihsan Al-Shehbaz, Dirk Albach, Eric Ribbens, Steve Popovich, Donald Farrar, Peter Root, Barry Johnston, Greg Brown, Andrew Salywon, Michael Schiebout, David Remsen, George Argus, Georgia Doyle, Tim Hogan, Tim Dickinson, Tim Evans, Joe Kirkbride, Mark Egger, Friedrich Lauria, Rick Hammer, Alan Whitemore, and John Gaskin. For annotating specimens during my tenure at GREE (and typically other regional herbaria) thanks to Don Hazlett, Pamela Smith, Jeff Brasher, Bob Dorn, James Reveal, Andrew Hipp, Andrew Salywon, Stan Welsh, Rob Soren, Paul Peterson, Kelly Allred, Ron Hartman, Bill Jennings and Ben Legler. My apologies to those whom I neglected to record. Thanks also to Bob Williams, Marilyn Orris, Mary Jane Niemann, Pamela Smith, and Marty Arrington for their work at GREE during my tenure at UNC, which liberated me somewhat from the busy-ness of curating an active herbarium during my tenure at UNC and which helped make earlier versions of the Checklist a reality. Georgia Doyle generously volunteered to be curator of photos for three years for the SRMR flora project and developed the database used to document photos for the interactive key project.

My sincere thanks to the U.S. Forest Service, Bureau of Land Management, U.S. National Park Service, U.S. Fish and Wildlife Service, U. S. Department of Defense, Wyoming Game and Fish, New Mexico Department of Game and Fish, New Mexico State Parks, Colorado Division of Wildlife, and Vermejo Park Ranch for their help and interest in the study of plants. Employees of Natural Heritage Programs in Wyoming, Colorado, and New Mexico have been important contributors to our knowledge of plants in the SRMR. The Nature Conservancy has facilitated botanical work in our region in numerous ways, including allowing access to privately held properties. Many other individuals have provided assistance in other ways. The landowners and managers of numerous ranches, particularly in New Mexico, have allowed us to collect on their properties. We appreciate their commitment to conservation of our native flora and fauna.

Assembling the Checklist has been facilitated by the *Flora of North America* project, which has been of considerable value to regional projects such as this one, and whose published volumes have provided insights regarding synonymy and numerous taxonomic problems.

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I take full responsibility for all oversights and errors.

FERN ALLIES

Equisetaceae - EQU

(Identification sources: _____)

Equisetum arvense L. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF¹, UTF, W&W, E/W
[*Equisetum arvense* L. forma serotinum (C. F. Schatz) Klinge] - HDH

Equisetum X ferrissii Clute - FNA, GPF, IMF, KTZ, UTF
[*Equisetum hyemale* X *E. laevigatum*] - KTZ

Equisetum hyemale L. subsp. *affine* (Engelm.) Calder & Roy L. Taylor - FNA
[*Equisetum hyemale* L. var. *affine* (Engelm.) A.A. Eaton] - Dom01, GPF, IMF, KTZ, UTF, E/W
[*Equisetum hyemale* L. var. *californicum* Milde] - HDH
[*Equisetum hyemale* L. var. *hyemale*] - HDH
[*Equisetum praealtum* Raff.] - HDH
[*Hippochaete hyemalis* (L.) Brullo] - W&W
[*Hippochaete hyemalis* (L.) Brullo subsp. *affinis* (A. Braun) W. A. Weber] - SF¹

Equisetum laevigatum A. Braun - Dom01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[*Equisetum kansanum* Schaffner] - HDH
[*Hippochaete laevigata* (A. Braun) Farw.] - SF¹, W&W

Equisetum X nelsonii (A. A. Eaton) J. H. Schaffn. - Hartman06, FNA, KTZ
[*Equisetum laevigatum* X *E. variegatum*] - KTZ
[*Equisetum variegatum* Schleich. var. *nelsonii* A. A. Eaton] - HDH
[*Hippochaete variegata* (Schleich.) Brullo] - W&W

Equisetum pratense Ehrh. - FCF, FNA, HDH rep., KTZ, SF¹, W&W, err. rep., E/W
Equisetum variegatum Schleich. ex F. Weber & D. Mohr subsp. *variegatum* - Dom01, FNA
[*Equisetum variegatum* Schleich. ex F. Weber & D. Mohr var. *variegatum*] - IMF, KTZ, E/W
[*Equisetum variegatum* Schleich.] - GPF, UTF
[*Equisetum variegatum* Schleich. var. *variegatum*] - HDH
[*Hippochaete variegata* (Schleich.) Brullo] - SF¹, W&W

Hippochaete (see *Equisetum*)

Isoëtaceae - ISO

(Identification sources: _____)

Isoëtes bolanderi Engelm. - Dom01, FNA, HDH, IMF, KTZ, SF¹, UTF, W&W, E/W
[*Isoëtes bolanderi* Engelm. var. *bolanderi*] - RMC

Isoëtes echinospora Durieu - FNA, IMF, UTF, E
[*Isoëtes maricata* Durieu] - HDH
[*Isoëtes setacea* Lam. subsp. *maricata* (Durieu) Holub] - SFE, W&W
[*Isoëtes tenella* Léman] - KTZ

Isoëtes occidentalis L. F. Hend. - Dom01, FNA, HDH, KTZ, E/W
[*Isoëtes lacustris* L.] - IMF, SF¹, UTF, W&W

Lycopodiaceae - LYC

(Identification sources: _____)

Diphasiastrum alpinum (L.) Holub - FNA, W&W¹

[*Lycopodium alpinum* L.] - KTZ

Huperzia haleakalae (Brackenridge) Holub - Dorn01, FNA, KTZ, SF!, W&W¹, E/W

[*Huperzia selago* (L.) Bernh.] - W&W, W&W¹, err. rep.

[*Huperzia selago* (L.) Bernh. ex Mart. & Schrank] - FNA, misapp.

[*Lycopodium selago* L.] - HDH

Lycopodium (see also **Diphasiastrum**, **Huperzia**)

Lycopodium annotinum L. - Dorn01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W

[*Lycopodium annotinum* L. var. *annotinum*] - RMC

[*Lycopodium annotinum* L. var. *pungens* (La Pylie) Desv.] - FNA (name invalid)

[*Lycopodium dubium* Zolga] - SF!

Selaginellaceae - SEL

(Identification sources: _____)

Selaginella densa Rydb. - Dorn01, FNA, GPF, HDH, SF!, UTF, W&W, E/W

[*Selaginella densa* Rydb. var. *densa*] - IMF, KTZ

[*Selaginella densa* Rydb. var. *scopulorum* (Maxon) R. Tryon] - IMF, KTZ

[*Selaginella densa* Rydb. var. *standleyi* (Maxon) R. Tryon] - KTZ

Selaginella mutica D. C. Eaton ex Underw. var. *mutica* - Dorn01, FNA, GPF, IMF, KTZ, E/W

[*Selaginella mutica* D. C. Eaton] - HDH, SF!, UTF, W&W

{*Selaginella peruviana* (J. Milde) Hieronymous - B. Legler [pers. comm. 2009] indicates 3 likely collections from Colfax Co., NM but these in need of further confirmation

Selaginella scopulorum Maxon - FNA, HDH

[*Selaginella densa* Rydb. var. *scopulorum* (Maxon) R. M. Tryon] - FNA

[*Selaginella engelmanii* Hier. var. *scopulorum* (Maxon) C. F. Reed] - FNA

Selaginella selaginoides (L.) P. Beauvois ex Mart. & Schrank - Dorn01, FNA, KTZ

[*Selaginella selaginoides* (L.) Link] - HDH, IMF, SF!, W&W, E/W

Selaginella standleyi Maxon - FNA, HDH

[*Selaginella densa* Rydb. var. *standleyi* (Maxon) R. M. Tryon] - FNA

Selaginella underwoodii Hieron. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

* *Selaginella weatherbiana* R. Tryon - **ENDEMIC** <CO, NM>, FNA, HDH, KTZ, SFE, W&W, E

FERNS

Adiantaceae (see PTR)

Aspidiaceae (see DRY)

Aspleniaceae - ASL

(Identification sources: _____)

Asplenium adiantum-nigrum L. - FNA, HDH, IMF, KTZ, SFE, UTF, W&W¹, E

[*Asplenium andrewsii* A. Nels.] - W&W

Asplenium platyneuron (L.) Britton, Sterns, & Poggenb. - FNA, SFE, W&W, E

[*Asplenium platyneuron* (L.) Oakes] - HDH

[*Asplenium platyneuron* (L.) Oakes ex D. C. Eaton] - GPF

[*Asplenium platyneuron* (L.) Britton, Sterns, & Poggenb. var. *platyneuron*] - KTZ

- Asplenium resiliens* Kunze - FNA, GPF, IMF, KTZ, SFE, UTF, W&W, E
Asplenium septentrionale (L.) Hoffm. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 [Asplenium septentrionale (L.) Huds.] - GPF
Asplenium trichomanes L. subsp. *trichomanes* - FNA, KTZ, E/W
 [Asplenium trichomanes L.] - GPF, HDH, IMF, SF!, UTF, W&W
Asplenium trichomanes-ramosum L. - Dorn01, FNA, KTZ, SFW, W&W, W
 [Asplenium viride Hudson] - GPF, HDH, IMF
 [Asplenium viride L.] - UTF, W&W¹

Athyriaceae (see DRY)

Azollaceae - AZL

- Azolla mexicana* C. Presl - FNA, GPF, HDH, exp., IMF, SFE, UTF, W&W, E
 [Azolla mexicana Schhd. & Cham, ex C. Presl] - KTZ

Cryptogrammaceae (see PTR)

Dennstaedtiaceae - DST (including Hypolepidaceae, Polypodiaceae)

- {*Pteridium aquilinum* (L.) Kuhn var. *latiusculum* (Desv.) Underw. ex A. Heller} - Dorn01, FNA, GPF, HDH, KTZ, E/W
 {NS - not in our region fide FNA}
 [*Pteridium aquilinum* (L.) Kuhn subsp. *latuginosum* (Berg.) Hultén] - SF!, W&W
Pteridium aquilinum (L.) Kuhn var. *pubescens* Underw. - FNA, GPF, HDH, KTZ, UTF, E/W
 [*Pteridium aquilinum* (L.) Kuhn subsp. *latuginosum* (Berg.) Hultén] - SF!, W&W

Dryopteridaceae - DRY (including Aspidiaceae, Athyriaceae, Onocleaceae, Polypodiaceae, Woodsiaaceae)

(Identification sources: _____)

- Athyrium alpestre* (Hoppe) Chairv. var. *americanum* Butters - FNA, E/W
 [*Athyrium americanum* (Butters) Maxon] - KTZ
 [*Athyrium alpestre* (Hoppe) Rylands ex T. Moore subsp. *americanum* (Butters) Lellinger] - W&W
 [*Athyrium alpestre* Clairv. var. *americanum* Butters] - RMC
 [*Athyrium alpestre* (Hoppe) Rylands ex T. Moore var. *americanum* Butters] - HDH
 [*Athyrium dissectifolium* Tausch] - SF!
 [*Athyrium dissectifolium* Tausch ex Opiz] - W&W¹
 [*Athyrium dissectifolium* Tausch ex Opiz var. *americanum* (Butters) Cronquist] - IMF, UTF, W&W¹

Athyrium filix-femina (L.) Roth ex Mert. var. *angustum* (Willd.) G. Lawson - FNA

- [*Aspidium angustum* Willd.] - FNA
 [*Athyrium angustum* (Willd.) C. Presl] - FNA
 [*Athyrium filix-femina* (L.) Roth subsp. *angustum* (Willd.) Clausen] - KTZ, SFE
 [*Athyrium filix-femina* (L.) Roth ex Mert. subsp. *angustum* (Willd.) Hukén] - W&W
 [*Athyrium filix-femina* (L.) Roth var. *angustum* (Willd.) Moore] - GPF
 [*Athyrium filix-femina* (L.) Roth subsp. *angustum* (Willd.) Clausen] - FNA
 [*Athyrium filix-femina* (L.) Roth var. *michauxii* (Sprengel) Farwell] - FNA

Athyrium filix-femina (L.) Roth ex Mert. var. *californicum* Butters - FNA, E/W

- [*Athyrium angustum* (Willd.) C. Presl var. *rubellum* (Gilbert) Butters] - HDH
 [*Athyrium filix-femina* (L.) Roth] - SFW

- [*Athyrium filix-femina* (L.) Roth ex Mert. var. *filix-femina*] - HDH
 [*Athyrium filix-femina* (L.) Roth subsp. *cyclosum* (Rupr.) C. Christens.] - KTZ, SPE
 [*Athyrium filix-femina* (L.) Roth ex Mert. subsp. *cyclosum* (Rupr.) C. Christens.] - W&W
 [*Athyrium filix-femina* (L.) Roth var. *cyclosum* Rupr.] - GPF
 [*Athyrium filix-femina* (L.) Roth var. *cyclosum* (Rupr.) Ledeb.] - IMF, UTF
 [*Athyrium filix-femina* (L.) Roth ex Mert. var. *cyclosum* Rupr.] - FNA
 [*Athyrium filix-femina* (L.) Roth ex Mert. subsp. *filix-femina*] - W&W¹, err. rep.
- {*Cystopteris bulbifera* (L.) Bernh.] - FNA, HDH, exp., IMF, KTZ, UTF, W&W
Cystopteris fragilis (L.) Bernh. - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
 [*Cystopteris fragilis* (L.) Bernh. var. *fragilis*] - IMF, RMC
Cystopteris montana (Lam.) Benth. ex Desv. - FNA, KTZ, W&W, E/W
 [*Cystopteris montana* (Lam.) Benth.] - HDH, SF!
Cystopteris reevesiana Lellinger - FNA, KTZ, SF!, W&W, E/W
Cystopteris tenuis (Michx.) Desv. - FNA <NE, UT>, HDH, KTZ, SFW, W&W
Cystopteris utahensis Windham & Hauffler - FNA, KTZ, SFW, W&W, W
- Dryopteris expansa* (C. Presl) Frazer-Jenkins & Jenny - FNA, KTZ, SF!, W&W, E/W
 [*Dryopteris dilatata* (Hoffmann) A. Gray] - HDH, W&W, misapp.
Dryopteris filix-mas (L.) Schott - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Gymnocarpium X brittonianum* (Sarvela) Pryer & Hauffler - KTZ, W&W¹; Pryer93
 [*Gymnocarpium disjunctum* X *G. dryopteris*] - KTZ
Gymnocarpium dryopteris (L.) Newman - Dorn01, FNA, IMF, KTZ, SF!, UTF, W&W¹, E/W
 [*Gymnocarpium disjunctum* (Rupr.) Ching] - FNA, KTZ, W&W¹ <W/Y>
 [*Gymnocarpium dryopteris* (L.) Newman subsp. *disjunctum* (Rupr.) Sarvela] - W&W, misapp.
 [*Phegopteris dryopteris* (L.) Fee] - HDH
- Onoclea sensibilis* L. - FNA, GPF, HDH, KTZ, W&W
 [WJ - based on Weber 4272, in 1948 (COLO), collected along CO 67, roadside ditch, by fence, on curve near "Papoose Club." A waif in my opinion, this distinctive fern, would have been documented by early collectors if native, if a remnant population, would have ore likely occurred in Boulder Mountain Parks]
- Phegopteris (see *Gymnocarpium*)**
- Polystichum lonchitis* (L.) Roth - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Polystichum scopolinum* (D. C. Eaton) Maxon - Dorn01, FNA, HDH, KTZ, SFW, W&W, W
 [*Polystichum X scopolinum* (D. C. Eaton) Maxon] - RMC
- Woodsia neomexicana* Windham - FNA, KTZ, SF!, W&W¹, E/W
 [*Woodsia mexicana* Fee] - FNA, GPF, HDH, exp., W&W, misapp.
Woodsia oregana D.C. Eaton subsp. *cuthbertiana* (B. L. Rob.) Windham - Dorn01, FNA, KTZ, SF!, W&W¹
 [*Woodsia oregana* D. C. Eaton var. *cuthbertiana* (B. L. Rob.) Morton] - E/W
 [*Woodsia oregana* D. C. Eaton] - GPF, HDH, UTF, W&W
 [*Woodsia oregana* D. C. Eaton subsp. *oregana*] - W&W¹, err. rep.
 [*Woodsia oregana* D. C. Eaton var. *oregana*] - IMF, RMC
 [*Woodsia oregana* D. C. Eaton forma *glandulosa* T. M. C. Taylor] - HDH
Woodsia plummerae Lemmon - FNA, KTZ, SFE, W&W, E
Woodsia X schanckii Windham - W&W¹

- [*Woodsia neomexicana* X *W. oregana*] - W&W¹
Woodsia scopulina D. C. Eaton subsp. *laurentiana* Windham - FNA, KTZ
Woodsia scopulina D. C. Eaton subsp. *scopulina* - FNA, KTZ, E/W
 [*Woodsia scopulina* D. C. Eaton] - GPF, HDH, SFI, UTF, W&W
 [*Woodsia scopulina* D. C. Eaton var. *scopulina*] - IMF

Hypolepidaceae (see DST)

Marsileaceae - MSL

- Marsilea vestita* Hook. & Grev. - FNA, GPF, HDH, IMF, KTZ, UTF, E/W
 [*Marsilea macrocarpa* A. Braun] - SFI, W&W
 [*Marsilea vestita* Hook. & Grev. var. *vestita*] - RMC

Onocleaceae (see DRY)

Ophioglossaceae - OPH

(Identification sources: _____)

Botrychium

- [NS - Donald Farrar (pers. comm., Aug. 2007) indicates the grape ferns will be treated by him in future publications as *Sceptridium* and the rattlesnake fern as *Botrypus*]
Botrychium campestre W. H. Wagner & Farrar - Dorn01, FNA, KTZ, SFE, W&W, E
Botrychium echo W. H. Wagner - FNA, KTZ, SFI, W&W, E/W
Botrychium hesperium (Maxon & R. T. Clausen) W. H. Wagner & Lellinger - FNA, KTZ, SFI, W&W, E/W
 [*Botrychium lunaria* (L.) Sw. subsp. *occidentalis* A. Löve, D. Löve, & B. M. Kapoor] - W&W
 [*Botrychium matricariaefolium* A. Braun] - GPF
 [*Botrychium matricariaefolium* A. Braun ex K. Koch subsp. *hesperium* Maxon & Clausen] - HDH
Botrychium lanceolatum (S. G. Gmel.) Ångstr. subsp. *lanceolatum* - FNA, HDH
 [*Botrychium lanceolatum* (S. G. Gmel.) Ångstr. var. *lanceolatum*] - KTZ, E/W
 [*Botrychium lanceolatum* (S. G. Gmel.) Ångstr.] - Dorn01, GPF, IMF, SFI, UTF, W&W
Botrychium lanceolatum subsp. nov. "viride" Farrar ined.
 [NS - information from S. Popovich and D. Farrar, Aug. 2007]
Botrychium lineare W. H. Wagner - KTZ, SFE, W&W, E
Botrychium lunaria (L.) Sw. - Dorn01, FNA, GPF, IMF, KTZ, SFI, UTF, E/W
 [*Botrychium lunaria* (L.) Sw. subsp. *lunaria*] - HDH
 [*Botrychium lunaria* (L.) Sw. var. *lunaria*] - RMC
 [*Botrychium lunaria* (L.) Sw. subsp. *occidentalis* A. Löve, D. Löve, & B. M. Kapoor] - W&W
 [*Botrychium lunaria* (L.) Sw. var. *onondagense* (Underw.) House] - RMC
Botrychium minganense Viet. - FNA, GPF, KTZ, UTF, W&W, err. rep., W&W¹
 [*Botrychium "colorado"* W. H. Wagner, unpubl.] - W&W¹
 [*Botrychium lunaria* (L.) Sw. var. *minganense* (Viet.) Dole] - HDH
Botrychium multifidum (S. G. Gmel.) Rupr. - FNA
 [*Botrychium multifidum* (S. G. Gmel.) Trevis.] - Dorn01, GPF, KTZ, UTF, E/W
 [*Botrychium multifidum* (S. G. Gmel.) Rupr. subsp. *coulteri* (Underw.) Clausen] - HDH, SFI, W&W
 [*Sceptridium multifidum* (S. G. Gmel.) Nashida ex Tagawa] - Jepson Manual 2 (ined.)
Botrychium paradoxum W. H. Wagner

[NS - collected 2006 in WY [D. Farrar, pers. comm., Aug. 2007] and possibly collected in CO summer 2007 but needs genetic confirmation [S. Popovich, pers. comm., Aug. 2007]]

{*Botrychium pallidum* W. H. Wagner} - Snow07b

[NS - genetic testing by Farrar indicates these are all sp. nov. "redbank" [S. Popovich pers. comm., Sep. 2008]

Botrychium pinnatum H. H. St. John - FNA, KTZ, SF!, W&W, E/W

[*Betrychium boreale* (Fr.) Mild subsp. *obtusilobum* (Rapacci) Clausen] - D. Farrar, pers. comm.

Botrychium simplex E. Hitchc. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W¹, E/W

[NS - multiple infraspecific assignments may prove to be present in Colorado based on recent work by Farrar and Popovich (S. Popovich, pers. comm. Oct. 2007)]

[*Betrychium simplex* E. Hitchc. var. *simplicissimum* A. S. Hitchc.] - W&W

[*Betrychium simplex* E. Hitchc. subsp. *typicum* Clausen] - HDH

[*Betrychium simplex* E. Hitchc. var. *tenebrorum* (A. A. Eaton) R. Clausen] - May not a valid synonym for Rocky Mountain material, D. Farrar, pers. comm., Aug. 2007]

♦ *Botrychium* sp. nov. "redbank", Farrar & Popovich ined. **ENDEMIC <CO, NM>**

[NS - the species occurs in Colorado and NM, Legler and Popovich, pers. commis.]

Botrychium taxon nov. "furcatum", Farrar ined.

[NS - Steve Popovich, pers. comm., Feb. 2008]

Botrychium tunux Stevensvold & Farrar

[NS - collected in CO in 2007 and confirmed genetically [S. Popovich, pers. comm., Oct. 2007]]

Botrychium virginianum (L.) Sw. - Dorn01, FNA, GPF, KTZ, E/W

[*Betrychium virginianum* (L.) Sw. subsp. *europeum* (Ångstr.) Clausen] - HDH

[*Betrychium virginianum* (L.) Sw. var. *virginianum*] - RMBC

[*Betrychus virginianus* (L.) Holub] - SF!

[*Betrychus virginianus* (L.) Holub subsp. *europeus* (Ångstr.) Holub] - W&W

Botrypus (see **Botrychium**)

Polypodiaceae - PLP

(Identification sources: _____)

Polypodium hesperium Maxon - FNA, GPF, HDH, IMF, KTZ, SFW, UTF, W&W, W

[*Polypodium vulgare* L. subsp. *columbianum* (Gilbert) Huklen] - FNA

[*Polypodium vulgare* L. var. *columbianum* Gilbert] - FNA

[*Polypodium vulgare* L. var. *hesperium* (Maxon) A. Nelson & F. J. MacBr.] - FNA

Polypodium saximontanum Windham - Dorn01, FNA, KTZ, SF!, W&W¹, E/W

[*Polypodium amorphum* Saksu] - W&W, W&W¹, err. rep.

Pteridaceae - PTR (including Adiantaceae, Cryptogrammaceae, Polypodiaceae, Sinopteridaceae)

(Identification sources: _____)

Adiantum aleuticum (Rupr.) Paris - FNA, KTZ, SFW, W&W¹, W

[*Adiantum pedatum* L.] - GPF, IMF, W&W, W&W¹,

[*Adiantum pedatum* L. var. *aleuticum* Rupr.] - UTF

Adiantum capillus-veneris L. - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Argyrochosma fendleri (Kunze) Windham - Dorn01, FNA, KTZ, SF!, W&W, E/W

[*Notholaena fendleri* Kunze] - GPF, HDH

Astrolepis cochisensis (Goodding) Benham & Windham subsp. *cochisensis* - FNA, KTZ

[*Astrolepis cochisensis* (Goodding) Benham & Windham] - SFE, E

Astrolepis integrerrima (Hook.) D. M. Benham & Windham - FNA, KTZ, W&W¹

[*Notholaena sinuata* (Sw.) Kaulf. var. *integrerrima* Hook.] - GPF

Cheilanthes (see also *Notholaena*)

[NS - Cheilanthes is polyphyletic [Kirpatrick07] although our members generally fall into a single clade]

Cheilanthes eatonii Baker - FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Cheilanthes feei T. Moore - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Cheilanthes fendleri Hook. - FNA, GPF, HDH, KTZ, SF!, W&W, E/W

Cheilanthes wootonii Maxon - FNA, GPF, HDH, KTZ, SFE, UTF, W&W, E

Cryptogramma acrostichoides R. Br. - Dom01, FNA, HDH, KTZ, SF!, W&W, E/W

[*Cryptogramma crispa* (L.) R. Br. var. *acrostichoides* (R. Br.) C. B. Clarke] - UTF

[*Cryptogramma crispa* (L.) R. Br. ex Hook. var. *acrostichoides* (R. Br.) C. B. Clarke] - IMF

Cryptogramma stellari (S. G. Gmel.) Prantl - FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W

Notholaena (see also *Argyrochosma*, *Astrolepis*)

Notholaena standleyi Maxon - FNA, GPF, HDH, KTZ, SFE, W&W¹, E

[*Cheilanthes standleyi* (Maxon) Mickel] - W&W

Pellaea atropurpurea (L.) Link - Dom01, FNA, GPF, HDH, KTZ, SFE, UTF, W&W, E

Pellaea breweri D. C. Eaton - Dom01, FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W

Pellaea glabella Mett. subsp. *simplex* (Butters) A. Löve & D. Löve - SFW

[*Pellaea glabella* Mett. ex Kahn] - UTF, E/W

[*Pellaea glabella* Men.] - SFE

[*Pellaea glabella* Mett. ex Kahn subsp. *simplex* (Butters) A. Löve & D. Löve] - FNA, GPF, KTZ, W&W¹

[*Pellaea glabella* Mett. ex Kahn var. *simplex* Butters] - IMF

[*Pellaea saksdorffiana* Butters] - Dom01, HDH, W&W

Pellaea glabella Mett. ex Kahn subsp. *occidentalis* (E. E. Nelson) Windham - FNA, KTZ, W&W¹

[*Pellaea glabella* Mett.] - SF!

[*Pellaea glabella* Mett. ex Kahn] - UTF

[*Pellaea glabella* Mett. ex Kahn subsp. *occidentalis* (E. E. Nelson) Windham]

[*Pellaea glabella* Mett. ex Kahn var. *occidentalis* (E. E. Nelson) Butters] - GPF, HDH

[*Pellaea occidentalis* (E. Nelson) Rydb.] - Dom01, W&W, E/W

Pellaea truncata Goodding - FNA, IMF, KTZ, SFE, UTF, W&W, E

[*Pellaea longisucculenta* Hook.] - HDH

Pellaea wrightiana Hook. - FNA, GPF, GPF, KTZ, SFE, UTF, W&W, E

Salviniaceae (see AZL)

Sinopteridaceae (see PTR)

Thelypteridaceae - THL

Phegopteris connectilis (Michx.) Watt - FNA, KTZ, SFW, W&W¹, W

Woodsiaceae (see DRY)

GYMNOSPERMS

Cupressaceae - CUP

(Identification sources: _____)

Juniperus communis L. var. *depressa* Pursh - Dorn01, FNA, IMF, KTZ, UTF, E/W

[*Juniperus communis* L.] - GPF

[*Juniperus communis* L. subsp. *alpina* (J. E. Sm.) Celak.] - SPl, W&W, misapp.

[*Juniperus communis* L. var. *montana* Aitzen] - HDH

[*Juniperus communis* L. var. *saxatilis* Pall.] - HDH

Juniperus horizontalis Moench - Dorn01, GPF, HDH rep., KTZ, UTF, W&W

[*Juniperus horizontalis* var. *douglasii* hort.] - KTZ

[*Juniperus horizontalis* var. *variegata* Benth.] - KTZ

[*Juniperus horizontalis* Forbes] - KTZ

[*Juniperus prostrata* Pers.] - KTZ

[*Juniperus repens* Nutt.] - KTZ

[*Juniperus virginiana* var. *prostrata* (Pers.) Torr.] - KTZ

[*Sabina horizontalis* (Moench) Rydb.] - KTZ, W&W¹, SFE

[*Sabina prostrata* (Pers.) Antoine] - KTZ

Juniperus monosperma (Engelm.) Sarg. - FNA, GPF, HDH, IMF, KTZ, UTF, E

[*Sabina monosperma* (Engelm.) Rydb.] - SFE, W&W

Juniperus osteosperma (Torr.) Little - Dorn01, FNA, IMF, KTZ, UTF, W

[*Juniperus utahensis* (Engelm.) Lemmon] - HDH

[*Sabina osteosperma* (Torr.) Antoine] - SFW, W&W

Juniperus scopulorum Sarg. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W

[*Sabina scopularum* (Sarg.) Rydb.] - SPl, W&W

Juniperus virginiana L. - FNA, GPF, E

[W] - more data are needed to establish the occurrence of this taxon in Colorado

[*Juniperus virginiana* L. var. *virginiana*] - KTZ

[*Sabina virginiana* (L.) Antoine] - SFE, W&W¹

Sabina (see *Juniperus*)

Ephedraceae - EPH

(Identification sources: _____)

Ephedra cutleri Peebles - FNA, IMF, KTZ, SFW, W&W¹, W

[*Ephedra viridis* Coville var. *viscida* (Carter) L. D. Benson] - HDH, UTF, W&W

Ephedra torreyana S. Watson - FNA, GPF, HDH, IMF, SFW, UTF, W&W, W

[*Ephedra torreyana* S. Watson var. *torreyana*] - KTZ

Ephedra viridis Coville - Dorn01, FNA, IMF, KTZ, SFW, W

[*Ephedra viridis* Coville var. *viridis*] - HDH, UTF, W&W

Pinaceae - PIN

(Identification sources: _____)

Abies balsifolia A. Murray var. *arizonicæ* (Mirriam) O'Kane & Heil - FCF

- [*Abies arizonicana* Merriam] - SF!, W&W, E/W
- [*Abies lasiocarpa* (Hook.) Nutt. var. *arizonica* (Merriam) Lemmon] - HDH, IMF, KTZ, misapp.
- Abies bifolia* A. Murray var. *bifolia* - FNA, SF!, W&W¹, E/W
- [*Abies lasiocarpa* (Hook.) Nutt.] - Dom01, UTF, W&W, er. rep.
- [*Abies lasiocarpa* (Hook.) Nutt. var. *lasiocarpa*] - HDH, IMF, KTZ, RMC, misapp.
- Abies concolor* (Gord. & Glend.) Hildebr. - Dom01, FNA, E/W
- [*Abies concolor* (Gord.) Lindl.] - SF!
- [*Abies concolor* (Gord.) Cooper] - HDH
- [*Abies concolor* (Gord. & Glend.) Lindl. ex Hildebr.] - W&W
- [*Abies concolor* (Gord. & Glend.) Lindl.] - UTF
- [*Abies concolor* (Gord. & Glend.) Lindl. ex Hildebr. var. *concolor*] - IMF, KTZ, RMC

Picea engelmannii Parry ex Engelm. var. *engelmannii* - FNA, E/W

- [*Picea engelmannii* Parry] - Dom01, HDH
- [*Picea engelmannii* Parry ex Engelm.] - IMF, KTZ, UTF, W&W
- [*Picea engelmannii* (Parry) Engelm.] - SF!

Picea glauca (Moench) Voss - Dom01

- [*Picea canadensis* (P. Mill.) B. S. P.] - KTZ
- [*Picea glauca* var. *albertina* (S. Br.) Sarg.] - KTZ
- [*Picea glauca* var. *densata* Bailey] - KTZ
- [*Picea glauca* var. *persikii* Raup] - KTZ

Picea pungens Engelm. - Dom01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Pinus aristata Engelm. - FNA, HDH, IMF, KTZ, SF!, W&W, E/W

Pinus contorta Douglas ex Loud. var. *latifolia* Engelm. - Dom01, FNA, HDH, W&W, E/W

- [*Pinus contorta* Douglas subsp. *latifolia* (Engelm.) Critchf.] - SF!
- [*Pinus contorta* Douglas ex Loud. var. *latifolia* Engelm. ex S. Watson] - GPF, IMF, KTZ, UTF
- [*Pinus murrayana* Balf.] - HDH, corr. & add.

Pinus edulis Engelm. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Pinus flexilis E. James - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Pinus ponderosa Douglas ex C. Lawson var. *scopulorum* Engelm. - FNA, E/W

- [FL - any inclusion of *P. Lawson* in authority for this species is incorrect]
- [*Pinus ponderosa* P. & C. Lawson] - Dom01, GPF, IMF, UTF
- [*Pinus ponderosa* Douglas ex C. Lawson] - HDH
- [*Pinus ponderosa* Douglas subsp. *scopulorum* (S. Watson) W. A. Weber] - SF!
- [*Pinus ponderosa* Douglas ex P. & C. Lawson subsp. *scopulorum* (S. Watson) W. A. Weber] - W&W
- [*Pinus ponderosa* P. & C. Lawson var. *scopulorum* Engelm.] - KTZ

Pinus strobus Engelm. - FCF, FNA, HDH, KTZ, SF!, W&W, E/W

- [WJ - CO specimens likely hybrids with *P. flexilis*; more study needed - consult Diana Tomback, CU-Denver]
- [NS - probably comes close to our area in NM from south side FNA]
- [*Pinus ayacahuite* Ehrenberg var. *brachyptera* G. R. Shaw] - FNA
- [*Pinus ayacahuite* var. *reflexa* (Engelm.) Voss] - FNA
- [*Pinus ayacahuite* var. *strobusiformis* (Engelm.) Lemmon] - FNA
- [*Pinus flexilis* E. James var. *y reflexa* Engelmans] - FNA
- [*Pinus reflexa* (Engelmans) Engelmans] - FNA

Pseudotsuga menziesii (Mirb.) Franco var. *glauca* (Beissn.) Franco - Dom01, IMF, KTZ, E/W

- [*Pseudotsuga menziesii* (Mirb.) Franco] - HDH, corr. & add., SF!, W&W
- [*Pseudotsuga menziesii* (Mirb.) Franco var. *glauca* (Mayr) Franco] - FNA
- [*Pseudotsuga menziesii* (Mirb.) Franco var. *glauca* (Beissn.) Mayr] - UTF
- [*Pseudotsuga taxifolia* (Poir.) Britton ex Sudworth] - HDH

ANGIOSPERMS

Aceraceae (see SAP)

Acoraceae - ACO

Acorus calamus L. - FNA, HDH, KTZ, SFE, W&W

Adoxaceae - ADX

Adoxa moschatellina L. - Dorn01, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, W

Agavaceae - ASG

Yucca

(Identification sources: _____)

Yucca angustissima Engelm. ex Trel. var. *angustissima* - FCF, HDH, IMF, KTZ, UTF, WJ, W&W, misapp.

[NS - FNA does not recognize from CO]

Yucca baccata Torr. var. *baccata* - FCF, IMF, KTZ, E/W

[*Yucca baccata* Torr.] - FNA, GPF, HDH, SPL, UTF, WJ, W&W

[*Yucca baccata* var. *vespertina* McKelvey] - FNA

[*Yucca vespertina* (McKelvey) S. L. Welsh] - FNA

Yucca baileyi Wooton & Standl. var. *baileyi* - FCF, IMF, KTZ

[*Yucca baileyi* Wooton & Standl.] - FNA, GPF, UTF, WJ

[*Yucca baileyi* Wooton & Standl. var. *navajoa* (J. M. Webber) J. M. Webber] - FNA

[*Yucca glauca* Nutt.] - HDH, W&W

[*Yucca navajoa* J. M. Webber] - FNA

[*Yucca standleyi* McKelvey] - HDH, FNA

Yucca glauca Nutt. var. *glauca* - GPF, KTZ, E/W

[*Yucca angustifolia* Pursh] - FNA

[*Yucca glauca* Nutt.] - Dom01, FNA, SF1, WJ, W&W

[*Yucca glauca* Nutt. var. *garneyi* McKelvey] - FNA, KTZ

[*Yucca glauca* Nutt. var. *stricklandii* (J. Sims) Trelease] - FNA

[*Yucca standleyi* McKelvey] - HDH

[*Yucca stricta* J. Sims] - FNA

Yucca harrimaniae Trel. var. *harrimaniana* - IMF, KTZ, W

[*Yucca harrimaniae* Trel.] - FNA, HDH, SFW, UTF, WJ, W&W

Yucca neomexicana Wooton & Standl. - FNA, WJ

[*Yucca harrimaniae* Trel. var. *neomexicana* (Wooton & Standl.) Reveal - GPF, IMF <CO>, KTZ

[*Yucca glauca* Nutt] - W&W

Aizoaceae - AIZ (see also MOL)

Sesuvium verrucosum Raf. - GPF, HDH, KTZ, SFE, UTF, W&W, E

⊕ *Trianthema portulacastrum* L. - GPF, KTZ, UTF

Alismaceae (see ALI)

Alismataceae - ALI

(Identification sources: _____)

Alisma gramineum Lej. - Dorn01, FNA, IMF, KTZ, SF!, UTF, W&W, E/W

[*Alisma geyeri* Torr.] - HDH

[*Alisma gramineum* J. G. Gmel.] - GPF

Alisma subcordatum Raf. - FNA, GPF, KTZ

Alisma triviale Pursh - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W

[*Alisma plantago-aquatica* L.] - HDH, UTF, W&W¹

[*Alisma plantago-aquatica* L. var. *americanum* Schult. & Schult. f.] - IMF

Sagittaria brevirostra Mack. & Bush - FNA, GPF, KTZ, SF!, W&W¹, E/W

Sagittaria cuneata E. Sheldon - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Sagittaria demersa J. G. Smith - FNA

Sagittaria graminea Michx. var. *graminea* - KTZ, E

[*Sagittaria graminea* Michx. J - SFE, W&W¹

[*Sagittaria graminea* Michx. subsp. *graminea*] - FNA

Sagittaria latifolia Willd. - FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

[*Sagittaria latifolia* Willd. var. *latifolia*] - IMF, RMC

{*Sagittaria longiloba* Engelm. ex J. G. Sm.} - FNA, KTZ

[*Sagittaria longiloba* Engelm.] - GPF, HDH, esp.

[*Sagittaria longiloba* Engelm. ex Torr.] - W&W, err. rep.

Sagittaria montevidensis Cham. & Schltdl. subsp. *calycina* (Engelm.) Begon - FNA, SFE,

W&W,E

[*Sagittaria calycina* Engelm.] - GPF, HDH, esp.

[*Sagittaria calycina* Engelm. var. *calycina*] - KTZ

Alliaceae - ALL (see also THE)

(Identification sources: _____)

Allium acuminatum Hook. - Dorn01, FNA, HDH, IMF, RMC, KTZ, SF!, UTF, W&W, E/W

[*Allium acuminatum* var. *cuspidatum* (Fernald)] - FNA

[*Allium cuspidatum* (Fernald) Rydb.] - FNA

{*Allium bisceptrum* S. Watson} -FNA, UT

{NS - occurs in San Juan Co. UT, in variety of habitats; to be expected in CO}

Allium brandegeei S. Watson - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[*Allium brandegeei* S. Watson forma *whippleanum* W. A. Weber] - SFW, W&W

[*Allium diehlii* (M. E. Jones) M. E. Jones] - FNA

[*Allium minimum* M. E. Jones] - FNA

[*Allium tribracteatum* Torrey var. *diehlii* M. E. Jones] - FNA

Allium brevistylum S. Watson - Dorn01, FNA, HDH, IMF, RMC, KTZ, SF!, UTF, W&W, E/W

{*Allium cepa* L.}

{WJ - cultivated abundantly in Weld Co. and elsewhere and likely persisting occasionally}

Allium cernuum Roth - Dorn01, FNA, GPF, IMF, SF!, UTF, W&W, E/W

[*Allium allegheniense* Small] - FNA

- [*Allium cernuum* Roth var. *cernuum*] - KTZ
 [*Allium cernuum* Roth var. *obtusum* Cockerell] - HDH
 [*Allium cernuum* Roth var. *obtusum* Cockerell ex J. F. Macbr.] - KTZ
 [*Allium cyathiphilum* Wherry] - FNA
 [*Allium recurvatum* Rydb.] # FNA
 {*Allium drummondii* Regel} - GPF, HDH rep., KTZ, W&W³, misid.
 [NS - native range comes close to ours fide FNA in WY, CO and NM: to be expected]
 [*Allium helleri* Small] - FNA
 [*Allium nuttallii* S. Watson] - FNA
 [*Allium reticulatum* Fraser ex G. Don var. *nuttallii* (S. Watson) M. E. Jones] - FNA
Allium geyeri S. Watson var. *geyeri* - Dorn01, FNA, IMF, KTZ, UTF, E/W
 [*Allium dictyotum* Greene] - FNA
 [*Allium funiculosum* A. Nels.] - FNA
 [*Allium geyeri* S. Watson] - GPF, HDH, SF!, W&W
 [*Allium piceum* Rydb.] - FNA
Allium geyeri S. Watson var. *tenerum* M. E. Jones - Dorn01, FNA, IMF, KTZ, E/W
 [*Allium arenicola* Osterh.] - FNA
 [*Allium fibrosum* Rydb.] - FNA
 [*Allium geyeri* var. *graniferum* Henderson] - FNA
 [*Allium rubrum* Osterh.] - HDH, SF!, W&W
 [*Allium rydbergii* J. F. MacBride] - FNA
 [*Allium subulicula* Osterh.] - FNA
Allium macropetalum Rydb. - FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
 [*Allium deserticola* (M. E. Jones) Woot. & Standl.] - FNA
 [*Allium reticulatum* Fraser ex G. Don var. *deserticola* M. E. Jones] - FNA
Allium nevadense S. Watson - FNA, FCF, HDH, IMF, KTZ, SFW, UTF, W&W, W
 [Allium nevadense var. *macropetalum* M. Peck] - FNA
 * *Allium sativum* L. - GPF, IMF, KTZ, UTF, W&W
 {*Allium perfoliatum* S. V. Fraser var. *perfoliatum*} - FNA
 [NS - range comes close to ours in eastern CO and NM fide FNA: to be expected]
Allium schoenoprasum L. var. *sibiricum* (L.) Hartman - KTZ, W&W, E/W
 [*Allium schoenoprasum* L.] - HDH, IMF, SF!, UTF
Allium textile A. Nelson & J. F. Macbr - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
 [*Allium aridum* Rydb.] - FNA
 [*Allium reticulatum* Fraser ex G. Don 1827, non J. Presl & C. Presl 1817] - FNA
 [*Allium reticulatum* Fraser ex G. Don var. *playatum* M. E. Jones] - FNA

Androstaphyllum (see THE)

Triteleia (see THE)

Alsinaceae (see CRY)

Amaranthaceae - AMA (including much of former Chenopodiaceae)

Aenida (see *Amaranthus*)

Amaranthus

(Identification sources: _____))

- ◆ *Amaranthus albus* L. - Dom01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
 [Amaranthus pubescens (Uline & Bray) Rydb.] - HDH rep., SFE, W&W
- Amaranthus arenicola* I. M. Johnston - Dom01, GPF, KTZ, SFE, W&W, E
 [Amaranthus torreyi (A. Gray) Benth.] - HDH
- Amaranthus blitoides* S. Watson - Dom01, KTZ, SF!, UTF, W&W¹, E/W
 [Amaranthus gracilis L.] - GPF, HDH
- Amaranthus californicus* (Moq.) Wats. - Dom01, FCF, GREE; Smith09?
 [Amaranthus albovariegatus Uline & Bray] - KTZ
 [Amaranthus microphylla Shinners] - KTZ
- ◆ {*Amaranthus hybridus* L.} - GPF, HDH, KTZ, UTF, W&W¹, doubtful
- ◆ {*Amaranthus palmeri* S. Watson - GPF, HDH, KTZ, SFE, UTF, W&W, E
Amaranthus powelli S. Watson - Dom01, GPF, KTZ, SFW, UTF, W&W, W
- * *Amaranthus retroflexus* L. - Dom01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
 {*Amaranthus radis* J. D. Sauer} - GPF, KTZ <CO?>
 [Acrida tamariscina (Nutt.) A. W. Wood] - HDH
 [*Amaranthus tamariscinus* Nutt.] - W&W, misapp.
- {*Amaranthus tuberculatus* (Moq.) J. D. Sauer} - GPF, KTZ <NE>, W&W, misapp.
 [Acrida altissima Riddell] - HDH
- Amaranthus wrightii* S. Watson - HDH rep., KTZ, SFE, W&W, E

Atriplex (see also *Grayia*, *Proatriplex*)

(Identification sources: _____)

- Atriplex argentea* Nutt. var. *argentea* - E/W
 [Atriplex argentea Nutt.] - SF!, UTF, W&W
 [Atriplex argentea Nutt. subsp. *argentea*] - GPF, HDH, RMC
 [Atriplex argentea Nutt. subsp. *argentea* var. *argentea*] - KTZ
- Atriplex argentea* Nutt. var. *caput-medusae* (Eastw.) Fosberg - KTZ
 [Atriplex argentea Nutt. subsp. *argentea* var. *caput-medusae* (Eastw.) Fosberg] - KTZ
 [Atriplex saccaria S. Watson var. *caput-medusae* (Eastw.) S. L. Welsh] - UTF
- Atriplex argentea* Nutt. subsp. *expansa* (S. Watson) H. M. Hall & Clem. - GPF, HDH, KTZ, E/W
 [Atriplex argentea Nutt.] - SF!, W&W
- Atriplex canescens* (Pursh) Nutt. var. *aptera* (A. Nelson) C. L. Hitchc. - Dom01
 [Atriplex *aptera* A. Nelson] - W&W¹
 [Atriplex *X aptera* A. Nelson] - KTZ
 [Atriplex *canescens* X A. *gardneri*] - KTZ
 [Atriplex *canescens* (Pursh) Nutt. subsp. *aptera* (A. Nelson) H. M. Hall & Clem.] - HDH, esp.
 [Atriplex *gardneri* (Moq.) D. Dietr. var. *aptera* (A. Nelson) S. L. Welsh & Crompton] -
- Atriplex canescens* (Pursh) Nutt. var. *canescens* - Dom01, KTZ, E/W
 [Atriplex *canescens* (Pursh) Nutt.] - GPF, SF!
 [Atriplex *canescens* (Pursh) Nutt. subsp. *canescens*] - HDH, W&W
 [Atriplex *canescens* (Pursh) Nutt. var. *occidentalis* (Torr. & Frém.) S.L. Welsh & Stutz] - UTF
- Atriplex confertifolia* (Torr. & Frém.) S. Watson - Dom01, GPF, HDH, KTZ, SF!, W&W, E/W
- Atriplex corrugata* S. Watson - HDH, KTZ, SFW, UTF, W&W, W
- Atriplex cuneata* A. Nelson var. *cuneata*
 [Atriplex *cuneata* A. Nelson subsp. *cuneata*] - KTZ
 [Atriplex *gardneri* (Moq.) Standl.] - W&W
 [Atriplex *gardneri* (Moq.) D. Dietr. var. *cuneata* (A. Nelson) S. L. Welsh] - UTF
 [Atriplex *natalitia* S. Watson subsp. *cuneata* (A. Nelson) H. M. Hall & Clem.] - HDH
- Atriplex gardneri* (Moq.) D. Dietr. var. *gardneri* - Dom01, UTF, E/W

- [*Atriplex gardneri* (Moq.) D. Dietr.] - SF!
 - [*Atriplex gardneri* (Moq.) Standl.] - SF!, W&W
 - [*Atriplex natalii* S. Watson] - GPF, KTZ
 - [*Atriplex natalii* S. Watson subsp. *gardneri* (Moq.) H. M. Hall & Clem.] - HDH
 - [*Atriplex natalii* S. Watson subsp. *natalii*] - HDH
 - Atriplex gardneri* (Moq.) D. Dietr. var. *utahensis* (M. E. Jones) Dom - Dom01, E/W
 - [*Atriplex gardneri* (Moq.) Standl.] - SF!, W&W
 - [*Atriplex gardneri* (Moq.) D. Dietr. var. *tridentata* (Kunze) Macbr.] - UTF
 - [*Atriplex natalii* S. Watson] - GPF
 - [*Atriplex natalii* S. Watson subsp. *tridentata* (Kunze) H. M. Hall & Clem.] - HDH
 - [*Atriplex tridentata* Kunze] - KTZ
 - Atriplex garrettii* Rydb. - KTZ, UTF
 - [*Atriplex canescens* (Pursh) Nutt. subsp. *garrettii* (Rydb.) H. M. Hall & Clem.] - HDH, W&W
 - Atriplex graciliflora* M. E. Jones - KTZ, SFW, UTF, W&W, W
 - * *Atriplex heterosperma* Bunge - Dom01, GPF, SF!, UTF, W&W, E/W
 - [*Atriplex micrantha* Ledeb.] - KTZ
 - * *Atriplex hortensis* L. - Dom01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
 - Atriplex obovata* Moq. - HDH, KTZ, SFW, UTF, W&W, W
 - Atriplex pachycarpa* Stutz & Chu - KTZ, W&W¹
 - ♦ *Atriplex patula* L. var. *patula* - UTF, E/W
 - [*Atriplex patula* L.] - KTZ, SF!, W&W¹
 - [*Atriplex patula* L. subsp. *patula*] - HDH
 - Atriplex powelli* S. Watson - Dom01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
 - ♦ {*Atriplex prostrata* Bouché ex DC.} - KTZ, W&W¹, misid
 - * *Atriplex rosea* L. - Dom01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
 - Atriplex sacaria* S. Watson Dom01, - HDH, KTZ, SF!, W&W, E/W
 - [*Atriplex sacaria* S. Watson var. *sacaria*] - UTF, IMP
 - Atriplex subspicata* (Nutt.) Rydb. - Dom01, KTZ
 - [*Atriplex patula* L.] - W&W
 - [*Atriplex patula* L. subsp. *hastata* (L.) H. M. Hall & Clem.] - HDH, KTZ
 - [*Atriplex patula* L. var. *triangularis* (Willd.) K. Thorne & S. L. Welsh] - UTF
 - [*Atriplex prostrata* Boucher ex DC. subsp. *triangularis* (Willd.) Rauschert] - W&W, W&W¹, err. rep.
 - Atriplex suckleyi* (Torr.) Rydb. - Dom01, SFW, W&W, W
 - [*Atriplex dioica* (Nutt.) F. Macbr.] - GPF, HDH, esp.
 - [*Endolepis dioica* (Nutt.) Standl.] - KTZ
 - Atriplex tenuissima* A. Nelson - KTZ
 - [*Atriplex tenuissima* A. Nelson] - HDH
 - [*Atriplex wolfii* S. Watson] - UTF, W&W
 - Atriplex truncata* (Torr. ex S. Watson) A. Gray - Dom01, KTZ, E/W
 - [*Atriplex truncata* (Torr.) A. Gray] - HDH, SF!, UTF, W&W
 - Atriplex wolfii* S. Watson - Dom01, HDH, KTZ, SFW, UTF, W&W, W
- * *Axyris amaranthoides* L. - GPF, KTZ, SF!, W&W, E/W

Bassia (see also Kochia)

Bassia americana (S. Watson) Scott - Dom01

Bassia hyssopifolia (Pall.) Kuntze - Dom01, FCF, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Ceratoides (see Krascheninnikovia)

Chenopodium

(Identification sources: _____)

- * *Chenopodium album* L. var. *album* - KTZ, UTF, E/W
[*Chenopodium album* L.] - Dorn01, GPF, HDH, SFE, W&W
- Chenopodium album* L. var. *missouriense* (Aellen) I. J. Bassett & C. W. Crompton - W&W¹
[*Chenopodium berlandieri* Moq. var. *bushianum* (Aellen) Cronquist] - KTZ, <KS>, W&W
[*Chenopodium paganae* Rydb.] - HDH, exp.
- * *Chenopodium ambrosioides* L. var. *ambrosioides* - KTZ, E/W
[*Chenopodium ambrosioides* L.] - GPF, HDH, UTF
[*Dysphania ambrosioides* (L.) Mosyakin & Clemants] - FNA
[*Teloxys ambrosioides* (L.) W. A. Weber] - SFE, W&W
- Chenopodium atrorubens* Rydb. - Dorn01, GPF, HDH rep., KTZ, SFE, UTF, W&W, E/W
[*Chenopodium aridum* A. Nelson] - W&W¹
- Chenopodium berlandieri* Moq. var. *berlandieri* - KTZ, E/W
[*Chenopodium album* L. var. *berlandieri* (Moq.) Mack. & Bush] - UTF
[*Chenopodium berlandieri* Moq.] - HDH, SFE, W&W
- Chenopodium berlandieri* Moq. var. *boscianum* (Moq.) H. A. Wahl - KTZ, E/W
[*Chenopodium standleyanum* Aellen] - GPF, HDH, exp.
[*Chenopodium berlandieri* Moq.] - SFE, W&W
- Chenopodium berlandieri* Moq. var. *zschackei* (Murray) Murr ex Asch. - Dorn01, KTZ, E/W
[*Chenopodium berlandieri* Moq. var. *zschackei* (Murray) Murray] - GPF
[*Chenopodium berlandieri* Moq.] - SFE, W&W
- * *Chenopodium botrys* L. - Dorn01, GPF, HDH, KTZ, UTF, E/W
[*Dysphania botrys* (Linnaeus) Mosyakin & Clemants] - FNA
[*Teloxys botrys* (L.) W. A. Weber] - SFE, W&W
- ◆ *Chenopodium capitatum* (L.) Ambrosi var. *capitatum* - FNA
[*Chenopodium capitatum* (L.) Asch. var. *capitatum* - Dorn01, UTF
[*Chenopodium capitatum* (L.) Asch.] - GPF, HDH, SFE, W&W, E/W
[*Chenopodium capitatum* (L.) Ambrosi] - KTZ
- ◆ *Chenopodium capitatum* (L.) Ambrosi var. *parvicapitatum* S. L. Welsh - FNA
[*Blinn hastatum* Rydb.] - FNA
[*Chenopodium ovifer* A. Heller] - GPF
- Chenopodium cycloides* A. Nelson - GPF, HDH, KTZ, SFE, W&W, E
- Chenopodium desiccatum* A. Nelson - Dorn01, GPF, KTZ, SFE, UTF, W&W, E
[*Chenopodium leptophyllum* (Nutt. ex Moq.) S. Watson var. *oblongifolium* S. Watson] - W&W
- * *Chenopodium foliosum* (Moench) Asch. - KTZ, SFE, W&W, E/W
[*Chenopodium capitatum* (L.) Asch. var. *parvicapitatum* S. L. Welsh] - UTF
- Chenopodium fremontii* S. Watson - Dorn01, GPF, HDH, SFE, W&W, E/W
[*Chenopodium fremontii* S. Watson var. *fremontii*] - KTZ, UTF
- * *Chenopodium glaucum* L. var. *glaucum* - Dorn01, E/W
[*Chenopodium glaucum* L.] - GPF, KTZ, SFE, W&W
[*Chenopodium glaucum* L. subsp. *glaucum*] - HDH
- Chenopodium glaucum* L. var. *salinum* (Standl.) Boivin - Dorn01
[*Chenopodium salinum* Standl.] - KTZ
[*Chenopodium glaucum* L.] - GPF, SFE, W&W
- ◆ *Chenopodium graveolens* Willd. - HDH, KTZ, E/W
[*Dysphania graveolens* (Willdenow) Mosyakin & Clemants] - FNA
[*Teloxys graveolens* (Willd.) W. A. Weber] - SFE, W&W
- Chenopodium hians* Standl. - Dorn01, HDH, KTZ, W&W, E
[*Chenopodium atrocirens* Rydb.] - UTF
[*Chenopodium album* L.] - SFE

- * [*Chenopodium humile* Hook.] - KTZ, UTF
 [*Chenopodium foliosum* (Moench) Asch.] - W&W¹
- Chenopodium incanum* (S. Watson) A. Heller var. *incanum* - GPF, KTZ, E/W
 [*Chenopodium fremontii* S. Watson var. *incanum* S. Watson] - UTF
 [*Chenopodium incanum* (S. Watson) A. Heller] - Dorn01, HDH, SF1, W&W
- Chenopodium leptophyllum* (Moq.) Nutt. ex S. Watson - Dorn01, KTZ, E/W
 [*Chenopodium leptophyllum* Nutt.] - HDH
 [*Chenopodium leptophyllum* (Moq.) S. Watson] - UTF
 [*Chenopodium leptophyllum* (Nutt.) S. Watson] - SF1
 [*Chenopodium leptophyllum* Nutt. ex Moq.] - GPF
 [*Chenopodium leptophyllum* (Nutt. ex Moq.) S. Watson var. *leptophyllum*] - W&W
- {*Chenopodium murale* L.} - HDH, exp., KTZ
- Chenopodium overi* Aellen - HDH, KTZ, E/W
 [*Chenopodium foliosum* (Moench) Asch.] - SF1
 [*Chenopodium overi* A. Heller] - GPF
- Chenopodium pallescens* Standl. - Dorn01, GPF, HDH, KTZ, W&W, doubtful
- Chenopodium polyspermum* L. - FCF
- Chenopodium pratericola* Rydb. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
 [*Chenopodium albescens* Small] - HDH, rep.
 [*Chenopodium dessicatum* A. Nelson] - UTF
- Chenopodium rubrum* L. var. *ruberum* - Dorn01, E/W
 [*Chenopodium rubrum* L.] - GPF, KTZ, SF1, UTF, W&W
 [*Chenopodium rubrum* L. *forma humile* (Hook.) Asch. & Graeb.] - HDH
 [*Chenopodium rubrum* L. *forma rubrum*] - HDH
- Chenopodium rubrum* L. var. *glomeratum* Wallr. - Dorn01, E/W
 [*Chenopodium chenopodioides* (L.) Aellen] - HDH rep., KTZ
 [*Chenopodium rubrum* L.] - SF1
- Chenopodium simplex* (Torr.) Raf. - Dorn01, KTZ, SF1, UTF, W&W, E/W
 [*Chenopodium gigantospermum* Aellen] - GPF, HDH
- Chenopodium strictum* Roth var. *glaucophyllum* (Aellen) Wahl - Dorn01
 [*Chenopodium strictum* Roth] - W&W¹
 [*Chenopodium strictum* Roth subsp. *glaucophyllum* (Aellen) Aellen & K. Just] - GPF
 [*Chenopodium album* L.] - W&W¹
 [*Chenopodium album* L. var. *striatum* (Krasav.) comb. nov., ined.] - KTZ
 [NS - above variety not published fide IPNI (August 2007)]
- Chenopodium subglabrum* (S. Watson) A. Nelson - Dorn01, GPF, HDH, exp., KTZ, SFE, W&W, E
- Chenopodium watsonii* A. Nelson - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

Cladorthrix (sec *Tidestromia*)

Corispernum

(Identification sources: _____)

- Corispernum americanum* (Nutt.) Nutt. var. *americanum* - KTZ, W&W¹; Mosyakin95
 [*Corispernum americanum* (Nutt.) Nutt.] - Dorn01, W&W¹
 [*Corispernum orientale* Lam.] - GPF, RMC
- Corispernum americanum* (Nutt.) Nutt. var. *rydbergii* S. Mosyakin - KTZ, W&W¹;
 Mosyakin95, E/W
 [*Corispernum hyssopifolium* L.] - GPF, HDH, SF1, W&W

♦ *Corispermum navicula* S. Mosyakin - **ENDEMIC** <CO>, KTZ, W&W¹; Mosyakin95
Corispermum nitidum Kit. ex Schultes - HDH, KTZ, W&W, W&W¹, misapp., W

[*Corispermum nitidum* Kit.] - GPF, SFW, UTF, W&W¹

Corispermum pacificum S. Mosyakin - KTZ

Corispermum villosum Rydb. - Dom01, HDH, KTZ, UTF, W&W¹

[*Corispermum emarginatum* Rydb.] - HDH

Corispermum welshii S. Mosyakin - Dom01, KTZ

Cycloloma atriplicifolium (Spreng.) J. M. Coulter - Dom01, GPF, HDH, KTZ, SF!, W&W, E/W

Dysphania (see *Chenopodium*)

Endolepis (see *Atriplex*)

Eurotia (see *Krascheninnikovia*)

Froelichia floridana (Nutt.) Moq. var. *campestris* (Small) Fernald - GPF, HDH, KTZ, W&W, E

[*Froelichia floridana* (Nutt.) Moq.] - SFE

Froelichia gracilis (Hook.) Moq. - GPF, HDH, KTZ, SFE, W&W, E

Grayia (see also *Zuckia*)

Grayia spinosa (Hook.) Moq. - Dom01, HDH, KTZ, UTF, W

[*Atriplex grayi* Collotzii] - SFW

[*Atriplex grayi* Collotzii ex W. A. Weber] - W&W

Guilleminia densa (Humb. & Bonpl. ex Willd.) Moq. var. *densa* - KTZ, E

[*Guilleminia densa* (Willd.) Moq.] - GPF, SFE

[*Guilleminia densa* (Willd. ex Roem. & Schult.) Moq.] - W&W

* *Halogeton glomeratus* (M. Bibb.) C. A. Mey. - Dom01, HDH, KTZ, SFW, UTF, W&W, W

[*Halogeton glomeratus* (Steph. ex M. Bibb.) C. A. Mey.]

Kochia americana S. Watson - HDH, KTZ, SFW, UTF, W&W, W

[*Bassia americana* (S. Watson) Scott] - Dom01

* *Kochia prostrata* (L.) Schrad. - KTZ, UTF

* *Kochia scoparia* (L.) Schrad. - GPF, HDH, UTF, E/W

[*Bassia sieversiana* (Pall.) W. A. Weber] - Dom01, SF!, W&W

[*Bassia scoparia* (L.) A. J. Scott] - KTZ

Krascheninnikovia lanata (Pursh) Meeuse & Smit - Dom01, KTZ, SF!, W&W, E/W

[*Ceratoides lanata* (Pursh) Howell] - GPF

[*Ceratoides lanata* (Pursh) Howell var. *lanata*] - UTF

[*Ceratoides lanata* (Pursh) Howell var. *minima* S. L. Welsh] - UTF

[*Eurotia lanata* (Pursh) Moq.] - HDH

[*Krascheninnikovia lanata* (Pursh) Meeuse & Smit var. *lanata*] - UT3

[*Krascheninnikovia ceratoides* (L.) Gueldenst. subsp. *lanata* (Pursh) H. Hecklau] - Hela08

Monolepis nuttalliana (Schult.) Greene - Dom01, HDH, KTZ, SF!, UTF, W&W, E/W

[*Monolepis nuttalliana* (Roem. & Schult.) Greene] - GPF

Monolepis pusilla Toer. ex S. Watson - Dom01, KTZ, UTF, W

[*Monolepis pusilla* Torr.] - HDH rep., SFW, W&W

Proatriplex pleiantha (W. A. Weber) Stutz & Chu - KTZ, SFW, W&W, W
[*Atriplex pleiantha* W. A. Weber] - HDH, UTF

{*Salicornia maritima* Wolff & Jefferies} - KTZ

Salicornia rubra A. Nelson - Dorn01, GPF, HDH, KTZ, E/W

[*Salicornia europaea* L.] - UTF

[*Salicornia europaea* L. subsp. *rubra* (A. Nelson) Breitung] - SFT, W&W

* *Salsola australis* R. Br. - SFT, W&W, E/W

[*Salsola ibérica* Senn. & Paul] - GPF

[*Salsola kali* L. var. *tenuifolia* Tausch] - HDH

[*Salsola kali* L. subsp. *tragus* (L.) Celak.] -

[*Salsola pestifera* A. Nels.] - UTF

[*Salsola tragus* L.] - Dorn01, KTZ

* *Salsola collina* Pall. - Dorn01, GPF, HDH, KTZ, SFT, UTF, W&W, E/W

Salsola paulsenii Litv. - KTZ, UTF

Sarcobatus (see **SRB**)

Suneda

(Identification sources: _____)

Suneda calceoliformis (Hook.) Moq. - Dorn01, KTZ, SFT, UTF, W&W, E/W

[*Suneda depressa* (Pursh) S. Watson] - GPF

[*Suneda depressa* (Pursh) S. Watson var. *depressa*] - HDH

[*Suneda depressa* (Pursh) S. Watson var. *erecta* S. Watson] - HDH

Suneda moquinii (Torr.) Greene - GPF, KTZ, E/W

[*Suneda fruticosa* (L.) Fenzl] - HDH, W&W, misapp.

[*Suneda moquinii* (Torr.) SFW, W&W

[*Suneda moquinii* (Torr.) Greene] - GPF, KTZ

[*Suneda nigra* (Raf.) J. F. Macbr.] - Dorn01, HDH, SFT, W&W

[*Suneda torreyana* S. Watson] - HDH

[*Suneda torreyana* S. Watson var. *torreyana*] - UTF

Suneda nigra (Raf.) Macbr. - Dorn01

[*Suneda moquinii* (Torr.) Greene] - KTZ

Suneda occidentalis (S. Watson) S. Watson - Dorn01, UTF

[*Suneda calceoliformis* (Hook.) Moq.] - KTZ

[*Suneda occidentalis* S. Watson] - HDH, W&W, no specimens seen

Suckleya suckleyana (Torr.) Rydb. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

Teloxys (see **Chenopodium**)

Tidestromia lanuginosa (Nutt.) Standl. - GPF, HDH, KTZ, UTF, E/W

[*Cladothrix lanuginosa* Nutt.] - SF

[*Cladothrix lanuginosa* (Nutt. ex Moq.) Benth. & Hook.] - W&W

Zuckia brandegeei (A. Gray) S. L. Welsh & Stutz ex S. L. Welsh var. *brandegeei* - KTZ, W

- [Atriplex brandegeei (A. Gray) Collozzi] - SFW
- [Grayia brandegeei A. Gray] - HDH
- [Zuckia brandegeei (A. Gray) S. L. Welsh & Stutz var. brandegeei] - UTF
- [Zuckia brandegeei (A. Gray) S. L. Welsh & Stutz] - W&W
- Zuckia brandegeei (A. Gray) S. L. Welsh & Stutz ex S. L. Welsh var. plumerri (Stutz & Sanders.) Dorn - Dom01, KTZ, Stutz87, W
- [Atriplex brandegeei (A. Gray) Collozzi] - SFW
- [Zuckia brandegeei (A. Gray) S. L. Welsh & Stutz var. plumerri (Stutz & Sanders.) S. L. Welsh] - UTF

Amaryllidaceae (see ALL.)

Anacardiaceae - ANA

Rhus (see also Toxicodendron)

(Identification sources: _____)

- Rhus aromatica Aiton var. simplicifolia (Greene) Cronquist - IMF, UTF, W
 - [Rhus trilobata Nutt. subsp. trilobata (Nutt. ex Torr. & A. Gray) W. A. Weber forma simplicifolia (Greene) W. A. Weber] - W
 - [Rhus trilobata Nutt. var. simplicifolia (Greene) F. A. Barkley] - KTZ, WJ
 - [Rhus trilobata Nutt. ex Torr. & A. Gray var. simplicifolia (Greene) F. A. Barkley] - HDH
- Rhus aromatica Aiton var. trilobata (Nutt.) A. Gray ex S. Watson - Dorn01, IMF, E/W
 - [Rhus aromatica Aiton subsp. pilosissima (Engelm.) W. A. Weber] - SFE, W&W
 - [WJ - subsp. pilosissima is an exceptionally hairy form of var. trilobata]
 - [Rhus aromatica Aiton var. pilosissima (Engelm.) Shinners] - JB, GPF
 - [Rhus aromatica Aiton subsp. trilobata (Nutt.) W. A. Weber] - SF!
 - [Rhus aromatica Aiton subsp. trilobata (Nutt. ex Torr. & A. Gray) W. A. Weber] - W&W
 - [Rhus aromatica Aiton var. trilobata (Nutt.) A. Gray] - GPF, UTF
 - [Rhus trilobata Nutt. var. trilobata] - KTZ, RMC
 - [Rhus trilobata Nutt. ex Torr. & A. Gray var. trilobata] - HDH
 - [Rhus trilobata Nutt. var. pilosissima Engelm.] - KTZ
- Rhus glabra L. - Dom01, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W
 - ♦ Rhus typhina L. - GPF, IMF, KTZ <KS, UT>, SFI, UTF, WJ (voucher at COLO), E/W

Toxicodendron rydbergii (Small ex Rydb.) Greene - Dom01, IMF, KTZ, W&W, E/W

- [Rhus radicans L.] - HDH
- [Toxicodendron rydbergii (Small) Greene] - GPF, SFI, UTF

Anthereicaceae - ATH

- Echeandia flavescens (Schultes & Schultes f.) Cruden - FNA, KWA
 - [Anthericum flavescens Schultes & Schultes f. in J. J. Roemer et al.] - FNA
 - [Anthericum stenocarpum Baker] - FNA
 - [Anthericum torreyi Baker] - M&H, FNA
 - [Anthericum torreyi var. arizonicum Poellnitz] - FNA
 - [Anthericum torreyi var. lanceolatum Poellnitz] - FNA
 - [Anthericum torreyi var. neomesicanum Poellnitz] - FNA
 - [Echeandia leptophylla Benthem] - FNA
 - [Phalangium flavescens Kunth] - FNA

Leucocrinum montanum Nutt. ex A. Gray - Dom01, HDH, MF, TZ, UTF, W&W, E/W

[*Leucocrinum montanum* Natt.] - GPF, SF!

Apiaceae - API (= Umbelliferae)

[NS - Some traditional generic boundaries are challenged by molecular data. For example, ITS sequence data indicate that *Cymopterus* and *Lomatium* are highly polyphyletic. However, traditional boundaries probably are best recognized until congruent data sets support the change of existing classifications.]

Aletes (see also *Cymopterus*, *Lomatium*, *Musineon*, *Neoparrya*)

(Identification sources: _____)

Aletes acaulis (Torr.) J. M. Coulter & Rose - HDH, KTZ, SFE, W&W, E

♦ *Aletes humilis* J. M. Coulter & Rose - ENDEMIC <CO, WY>, Dorn01, HDH, KTZ, SFE, W&W, E

* {*Anethum graveolens* L.} - HDH, exp., KTZ <AZ, KS, NE, OK, UT>

Angelica ampla A. Nelson - Dorn01, HDH, KTZ, SF!, W&W, E/W

Angelica grayi (J. M. Coulter & Rose) J. M. Coulter & Rose - Dorn01, KTZ, SF!, W&W, E/W
[*Angelica grayi* J. M. Coulter & Rose] - HDH

Angelica pinnata S. Watson - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Angelica roseana L. F. Hend. - Dorn01

[*Angelica roseana* L. F. Hend.] - HDH, IMF <CO, reputedly>, KTZ, UTF, W&W, err. rep.

* *Berula erecta* (Huds.) Coville var. *incisa* (Torr.) Cronquist - Dorn01, GPF, IMF, UTF, E/W
[*Berula erecta* (Huds.) Coville] - HDH, KTZ, SF!, W&W

Bupleurum americanum J. M. Coulter & Rose - Dorn01, KTZ, RMC, W

[*Bupleurum triradiatum* Adams subsp. *arcticum* (Regel) Hultén] - SFW, W&W

* *Carum carvi* L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Cicuta maculata L. var. *angustifolia* Hook. - Dorn01, GPF, IMF, KTZ, UTF, Mulligan80, E/W

[*Cicuta douglasii* (DC.) J. M. Coulter & Rose] - HDH, SF!, W&W, misapp., W&W¹

[*Cicuta maculata* L.] - W&W¹

[*Cicuta maculata* L. var. *maculata*] - GPF, KTZ

Conioselinum scopulorum (A. Gray) J. M. Coulter & Rose - Dorn01, HDH, SF!, W&W, E/W

* *Conium maculatum* L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Cymopterus

(Identification sources: _____)

Cymopterus alpinus A. Gray - Dorn01, IMF, RH, E/W

[*Oreoxis alpina* (A. Gray) J. M. Coulter & Rose] - HDH, SF!, UTF

[*Oreoxis alpina* (A. Gray) J. M. Coulter & Rose subsp. *alpina*] - KTZ, SF!, W&W

[*Oreoxis alpina* (A. Gray) J. M. Coulter & Rose subsp. *puberalenta* W. A. Weber] - KTZ, SF!, W&W

- [RH - This subsp. endemic to Colorado if recognized.]
- ◆ *Cymopterus anisatus* A. Gray - **ENDEMIC <CO>**, RH, E/W
 - [*Aletes anisatus* (A. Gray) Theobald & Tseng] - KTZ, SFI, W&W
 - [*Pteryxia anisata* (A. Gray) Mathias & Constance] - HDH
 - Cymopterus bakeri* (J. M. Coulter & Rose) M. E. Jones - IMF, RH, E/W
 - [*Oreocissus bakeri* J. M. Coulter & Rose] - HDH, KTZ, SFI, UTF, W&W
 - Cymopterus bulbosus* A. Nelson - Dorn01, HDH, IMF, KTZ, SFW, UTF, W&W, W
 - Cymopterus constancei* R. L. Hartm. - Dorn01
 - Cymopterus duchesnensis* M. E. Jones - IMF, KTZ, SFW, UTF, W&W, W
 - Cymopterus glomeratus* (Nutt.) DC. - Sun05
 - [*Cymopterus acutus* (Parsh) Raf.] - Dorn01, GPF, HDH, Sun05; SFE, W&W
 - [*Cymopterus acutus* (Parsh) Raf. var. *acutis*] - IMF, KTZ, UTF, E
 - [*Cymopterus acutus* (Parsh) Raf. var. *fendleri* (A. Gray) Goodrich] - IMF, KTZ, UTF, W
 - [*Cymopterus fendleri* A. Gray] - HDH, SFW, W&W
 - {*Cymopterus hendersonii* (J. M. Coulter & Rose) Cronquist} - IMF, RH, UTF, W&W, misapp.
 - [*Pteryxia hendersonii* (J. M. Coulter & Rose) Mathias & Constance] - HDH, KTZ
 - ◆ *Cymopterus humilis* (Raf.) Tidestr. & Kittell - **ENDEMIC <CO, NM?>** RH, E
 - [*Oreocissus humilis* Raf.] - HDH, KTZ, SFE, W&W
 - Cymopterus lapidosus* (Jones) Jones - Dorn01, KTZ
 - Cymopterus lemmmonii* (J. M. Coulter & Rose) Dorn - Dorn01, IMF, UTF, E/W
 - [*Pseudocymopterus montanus* (A. Gray) J. M. Coulter & Rose] - HDH, KTZ, SFI, W&W
 - Cymopterus longilobus* (Rydb.) W. A. Weber -W&W, err. rep.
 - [*Pteryxia hendersonii* (J. M. Coulter & Rose) Mathias & Constance p.p.] - HDH, KTZ
 - [*Aletes anisatus* (A. Gray) Theobald & Tseng] - W&W
 - Cymopterus longipes* S. Watson - Dorn01, HDH, KTZ, RH, UTF, W&W, misapp.
 - [*Cymopterus longipes* S. Watson var. *longipes*] - IMF
 - Cymopterus macleodii* (J. M. Coulter & Rose) Tidestr. "var. breviradiatus", combination not available.
 - [*Aletes macleodii* J. M. Coulter & Rose] - HDH
 - [*Aletes macleodii* J. M. Coulter & Rose subsp. *breviradiatus* Theobald & Tseng] - KTZ, SFW, UTF, W&W
 - [*Cymopterus macleodii* (J. M. Coulter & Rose) Tidestr.] - IMF, RH
 - Cymopterus montanus* Torr. & A. Gray - Dorn01, GPF, W&W, E
 - [*Cymopterus montanus* Nutt.] - SFE
 - [*Cymopterus montanus* (Nutt.) Torr. & A. Gray] - HDH
 - [*Cymopterus montanus* Nutt. ex Torr. & A. Gray] - KTZ
 - {*Cymopterus multinervatus* (J. M. Coulter & Rose) Tidestr.} - HDH, exp., KTZ <AZ, NM, UT>, RH, SFW, W&W, misapp., W
 - {*Cymopterus newberryi* (S. Watson) M. E. Jones} - HDH exp., KTZ <AZ, UT>, W&W
 - Cymopterus petraeus* M. E. Jones - IMF, RH, W
 - [*Aletes petraeus* (M. E. Jones) W. A. Weber] - SFW, W&W
 - [*Cymopterus terebinthinus* (Hook.) Torr. & A. Gray var. *petraeus* (M. E. Jones) Goodrich] - UTF
 - [*Pteryxia petraea* (M. E. Jones) J. M. Coulter & Rose] - KTZ
 - ◆ *Cymopterus planosus* (Osterh.) Mathias - **ENDEMIC <CO, WY>**, HDH, KTZ, SFI, W&W, W
 - [RH - voucher at RM]
 - Cymopterus purpurascens* (A. Gray) M. E. Jones - FCF, HDH, KTZ, RH, misapp., SFW, UTF, W&W, W
 - Cymopterus purpureus* S. Watson - HDH, IMF, KTZ, SFW, W&W, W
 - [*Cymopterus purpureus* S. Watson var. *purpureus*] - UTF
 - Cymopterus sessiliflorus* (Theobald & Tseng) comb. nov. ined. - RH, W
 - [*Aletes sessiliflorus* Theobald & Tseng] - KTZ, SFW, W&W

- Cymopterus terebinthinus* (Hook.) Torr. & A. Gray var. *albiflorus* (Torr. & A. Gray) M. E. Jones
 - Dorn01, IMF, W
 [*Cymopterus terebinthinus* (Hook.) Torr. & A. Gray var. *calcareus* (M. E. Jones) Cronquist] - SFW, UTF, W&W
 [*Pteryxia terebinthina* (Hook.) J. M. Coul. & Rose var. *albiflora* (Torr. & A. Gray) Mathias] - KTZ
 [*Pteryxia terebinthina* (Hook.) J. M. Coul. & Rose var. *calcarea* (M. E. Jones) Mathias] - HDH
 ♦ *Cymopterus williamsii* R. L. Hartm. & Const. - **ENDEMIC** <WY>, Dorn01, KTZ
- * *Daucus carota* L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
 [*Daucus carota* L. subsp. *carota*] - UTF
 [*Daucus pusillus* Michx.] - HDH, exp., KTZ <AZ, KS, NM, OK>
- * *Eryngium planum* L. - GPF, KTZ, W&W
- * {*Foeniculum vulgare* Mill.} - HDH, exp., IMF, KTZ <AZ, KS, NE, NM, UT>, UTF
- Falcaria vulgaris* Bernh. - Dorn01
 [*Falcaria sioides* (Wibel) Aschers.] - KTZ
- ♦ *Harbouria trachypleura* (A. Gray) J. M. Coul. & Rose - **ENDEMIC** <CO, NM, WY>, Dorn01, HDH, IMF, KTZ, SFE, W&W, E
- Heracleum sphondylium* L. var. *lanatum* (Michx.) Dorn - Dorn01, E/W
 [*Heracleum lanatum* Michx.] - HDH, IMF, UTF
 [*Heracleum maximum* W. Bartram] - KTZ
 [*Heracleum sphondylium* L. subsp. *montanum* (Schleich.) Briq.] - GPF, SF!
 [*Heracleum sphondylium* L. subsp. *montanum* (Schleich. ex Gaudin) Briq.] - W&W
- * *Levisticum officinale* W. D. J. Koch - KTZ, W&W
- Ligusticum filicinum* S. Watson - Dorn01, IMF, KTZ, RII, UTF
 [*Ligusticum filicinum* S. Watson var. *filicinum*] - HDH, exp.
- Ligusticum porteri* J. M. Coul. & Rose - Dorn01, IMF, SFE, UTF, W&W, E/W
 [*Ligusticum porteri* J. M. Coul. & Rose var. *porteri*] - HDH, KTZ, RMC
 [*Ligusticum porteri* Coul. & Rose var. *brevilobum* (Rydb.) Mathias & Constance] - HDH, exp., KTZ <UT>
- Ligusticum tenuifolium* S. Watson - Dorn01, IMF, KTZ, SF!, UTF, W&W¹, E/W
 [*Ligusticum filicinum* S. Watson var. *tenuifolium* (S. Watson) Mathias & Constance] - HDH, W&W
- Lomatium*
 (Identification sources: _____)
- Lomatium bicolor* (Wats.) Coul. & Rose var. *bicolor* - WY checklist, KTZ
Lomatium bicolor (Wats.) Coul. & Rose var. *leptocarpum* (T. & G.) Schlessm. - WY checklist, KTZ
- ♦ *Lomatium nudicaule* (Osterh.) Mathias - **ENDEMIC** <CO>, HDH, KTZ, SFW, W&W, W
- Lomatium nudicaule* (Wats.) Coul. & Rose - Dorn01
 [*Lomatium circinatum* (S. Watson) Coul. & Rose] - KTZ
 [*Lomatium montanum* Coul. & Rose] - KTZ
- Lomatium dissectum* (Nutt.) Mathias & Constance var. *multifidum* (Nutt.) Mathias & Constance - Dorn01, HDH, IMF, KTZ, W&W, E/W

- [*Lomatium dissectum* (Nutt.) Mathias & Constance] - SF!
- [*Lomatium dissectum* (Nutt.) Mathias & Constance var. *eatoni* (J. M. Coulter & Rose) Cronquist] - IMF, UTF
 [RH - not known whether this variety occurs in Colorado]
- ◆ *Lomatium eastwoodiae* (J. M. Coulter & Rose) J. F. Macbr. - **ENDEMIC** <CO>, HDH, KTZ, W
 [*Aletes eastwoodiae* (J. M. Coulter & Rose) W. A. Weber] - SFW, W&W
 [*Lomatium parryi* (S. Watson) Macbr.] - IMF
- Lomatium foeniculaceum* (Nutt.) J. M. Coulter & Rose var. *foeniculaceum* - GPF, IMF, E/W
 [*Lomatium foeniculaceum* (Nutt.) J. M. Coulter & Rose] - Dom01, SFE, HDH
 [*Lomatium foeniculaceum* (Nutt.) J. M. Coulter & Rose subsp. *foeniculaceum*] - KTZ, W&W
 [*Lomatium foeniculaceum* (Nutt.) J. M. Coulter & Rose subsp. *macleodii* (J. M. Coulter & Rose) Theobald] - KTZ, SFW, W&W
 [*Lomatium foeniculaceum* (Nutt.) J. M. Coulter & Rose var. *macleodii* (J. M. Coulter & Rose) Cronquist] - IMF, UTF
- {*Lomatium graveolens* (S. Watson) Dom & R. L. Hartman var. *graveolens*] - Dom01, IMF, KTZ <UT, WY>, W&W
 [*Lomatium nuttallii* (A. Gray) Macbr.] - HDH, exp.
- Lomatium grayi* (J. M. Coulter & Rose) J. M. Coulter & Rose var. *grayi* - Dom01, IMF, KTZ, W
 [*Lomatium grayi* (J. M. Coulter & Rose)] - HDH, SFW, W&W
- Lomatium juniperinum* (M. E. Jones) J. M. Coulter & Rose - Dom01, HDH, exp., IMF, KTZ, SFW, UTF, W&W, W
- Lomatium latilobum* (Rydb.) Mathias - HDH rep., IMF, KTZ, UTF, W
 [*Aletes latilobus* (Rydb.) W. A. Weber] - SFW, W&W
- Lomatium leptocarpum* (Torr. & A. Gray) J. M. Coulter & Rose - Dom01, HDH, IMF, W
 [*Lomatium bicolor* (S. Watson) J. M. Coulter & Rose var. *leptocarpum* (Nutt.) Schlessm.] - SFW
 [*Lomatium bicolor* (S. Watson) J. M. Coulter & Rose var. *leptocarpum* (Torr. & A. Gray) Schlessm.] - KTZ
 [*Lomatium bicolor* (S. Watson) J. M. Coulter & Rose var. *leptocarpum* (Nutt. ex Torr. & A. Gray) Schlessm.] - W&W
- Lomatium macrocarpum* (Nutt. ex Torr. & A. Gray) J. M. Coulter & Rose - Dom01, KTZ, W
 [*Lomatium macrocarpum* (Hook. & Arn.) J. M. Coulter & Rose] - GPF, HDH, SFW, UTF, W&W
- Lomatium nuttallii* (A. Gray) J. F. Macbr. - Dom01, GPF, IMF, KTZ, E/W
 [*Aletes nuttallii* (A. Gray) W. A. Weber] - SF!, W&W
 [*Lomatium megaphyllum* (A. Nelson) Mathias]
- Lomatium orientale* J. M. Coulter & Rose - Dom01, GPF, HDH, IMF; L. nevadense has priority, possibly conspecific, KTZ, SF!, &W, E/W
 [*Lomatium nevadense* (S. Watson) J. M. Coulter & Rose] - UTF
- Lomatium triternatum* (Pursh) J. M. Coulter & Rose subsp. *platycarpum* (Torr.) Cronquist - IMF, SFW, UTF, W&W, W
 [*Lomatium triternatum* (Pursh.) Coulter & Rose] var. *platycarpum* (Torr.) Boivin] - Dom01
 [*Lomatium simplex* (Nutt.) J. F. Macbr.] - HDH
 [*Lomatium simplex* (Nutt.) J. F. Macbr. var. *simplex*] - KTZ
- Musineon divaricatum* (Pursh) Nutt. ex Torr. & A. Gray - Dom01, IMF, E
 [*Musineon divaricatum* (Pursh) Nutt.] - GPF
 [*Musineon divaricatum* (Pursh) Raf.] - SFE
 [*Musineon divaricatum* (Pursh) Raf. var. *divaricatum*] - KTZ, W&W¹
 [*Musineon divaricatum* (Pursh) Nutt. ex Torr. & A. Gray var. *divaricatum*] - HDH, W&W
 [*Musineon divaricatum* (Pursh) Raf. var. *hookeri* Torr. & A. Gray] - W&W¹
 [*Musineon divaricatum* (Pursh) Raf. var. *hookeri* (Torr. & A. Gray) Mathias] - KTZ
 [*Musineon divaricatum* (Pursh) Nutt. ex Torr. & A. Gray var. *hookeri* Torr. & A. Gray] - HDH, W&W
- Musineon tenuifolium* Nutt. ex Torr. & A. Gray - Dom01, HDH, E
 [*Aletes tenuifolius* (Nutt.) W. A. Weber] - SPE

[*Aletes tenuifolius* (Nutt. ex Torr. & A. Gray) W. A. Weber] - W&W
[*Musineon tenuifolium* Nutt.] - GPF
[*Musineon tenuifolium* (Nutt.) J. M. Coulter & Rose
[*Musineon tenuifolium* (Nutt. ex Torr. & A. Gray) J. M. Coulter & Rose] - KTZ

- ◆ *Neoparrya lithophila* Mathias - **ENDEMIC** <CO, NM>, KTZ, RH, E
[*Aletes lithophilus* (Mathias) W. A. Weber] - SFE, W&W

Oreoxis (see *Cymopterus*)

Orogenia linearifolia S. Watson - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
[*Orogenia linearifolia* S. Watson var. *lata* Payson] - SFW

Osmorhiza chilensis Hook. & Arn. - GPF, HDH, IMF, SF!, UTF, W&W, Lowry84, E/W
[*Osmorhiza bentsei* DC.] - Dorn01, KTZ

Osmorhiza depauperata Phil. - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[*Osmorhiza obtusa* (J. M. Coulter & Rose) Fernald] - HDH

Osmorhiza longistylis (Torr.) DC. - Dorn01, HDH, KTZ, SFE, W&W, E
[*Osmorhiza longistylis* (Torr.) DC. var. *longistylis*] - GPF

Osmorhiza occidentalis (Nutt. ex Torr. & A. Gray) Torr. - Dorn01, IMF, KTZ, E/W
[*Osmorhiza occidentalis* (Nutt.) Torr.] - HDH, SF!, UTF, W&W

Oxypolis fendleri (A. Gray) A. Heller - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

* *Pastinaca sativa* L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
[*Pastinaca sativa* L. subsp. *sativa*] - UTF
[*Pastinaca sativa* L. var. *sativa*]

Perideridia montana (Blank.) Dorn - Dorn01, IMF, E/W

[*Perideridia gaudneri* (Hook. & Arn.) Mathias] - GPF, HDH
[*Perideridia gaudneri* (Hook. & Arn.) Mathias subsp. *borealis* T. I. Chuang & Constance] - KTZ, SF!, UTF, W&W

Podistera eastwoodiae (J. M. Coulter & Rose) Mathias & Constance - HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Pseudocymopterus (see *Cymopterus*)

Pteryxia (see *Cymopterus*)

{*Sanicula canadensis* L.] - HDH, exp.,
[*Sanicula canadensis* L. var. *canadensis*] - KTZ <KS, NE, OK, WY>
Sanicula marilandica L. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

Sium suave Walter - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Spennolepis divaricata (Walt.) Raf. ex Ser. - KTZ, M&H

Zizia aptera (A. Gray) Fernald - Dorn01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
{*Zizia aurea* (L.) W. D. J. Koch} - HDH, exp., KTZ <KS, NE, OK>

Apocynaceae - APO (including Asclepiadaceae)

(Identification sources: _____)

Amsonia jonesii Woodson - HDH, IMF, KTZ, SFW, UTF, W&W, W

Apocynum androsaemifolium L. - Dorn01, GPF, KTZ, SF!, W&W, E/W

[*Apocynum androsaemifolium* L. var. *androsaemifolium*] - HDH, IMF, UTF

[*Apocynum androsaemifolium* L. var. *glabrum* Maceus] - HDH

[*Apocynum androsaemifolium* L. var. *incanum* A. DC.]

Apocynum cannabinum L. - GPF, KTZ, SF!, UTF, W&W, E/W

[*Apocynum cannabinum* L. var. *cannabinum*] - Dorn01, IMF

[*Apocynum cannabinum* L. var. *glaberimum* A. DC.] - HDH, IMF

[*Apocynum cannabinum* L. var. *pubesans* (R. Br.) A. DC.] - HDH, esp.

[*Apocynum sibiricum* Jacq.] - UTF, W&W¹

[*Apocynum sibiricum* Jacq. var. *salignum* (Greene) Fernald] - HDH, IMF

[*Apocynum sibiricum* Jacq. var. *sibiricum*] - HDH, esp.

[*Apocynum suksdorfii* Greene] - HDH

Apocynum X floribundum Greene - GPF, IMF, KTZ, E/W

[*Apocynum androsaemifolium* X A. *cannabinum*] - KTZ

[*Apocynum medium* Greene] - W&W

[*Apocynum X medium* Greene] - SF!, UTF, W&W¹

[*Apocynum medium* Greene var. *floribundum* (Greene) Woodson] - HDH

[*Apocynum medium* Greene var. *lividum* (Greene) Woodson] - HDH

Asclepias

Asclepias arenaria Torr. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

Asclepias asperula (Decne.) Woodson var. *asperula* - GPF, IMF, UTF, E/W

[*Asclepias asperula* Woodson] - SFW

[*Asclepias asperula* (Decne.) Woodson] - SFE

[*Asclepias asperula* (Decne.) Woodson subsp. *asperula*] - KTZ, W&W

[*Asclepias asperula* (Decne.) Woodson subsp. *capricornu* (Woodson) Woodson] - W&W, eff. rep.

[*Asclepias capricornu* Woodson subsp. *capricornu*] - HDH

[*Asclepias capricornu* Woodson subsp. *occidentalis* Woodson] - HDH

{*Asclepias brachystephana* Engelm.} - HDH, exp.

{WJ - does not occur north of about latitude 34° [e.g., ca. Socorro, NM]}]

[*Asclepias brachystephana* Engelm. ex Torr.] - KTZ <AZ, NM>, W&W¹, misid.

Asclepias cryptoceras S. Watson var. *cryptoceras* - Dorn01, IMF, UTF, W

[*Asclepias cryptoceras* S. Watson] - HDH, SFW, W&W

[*Asclepias cryptoceras* S. Watson subsp. *cryptoceras*] - KTZ

Asclepias engelmanniana Woodson - Dorn01, GPF, HDH, IMF, KTZ, SFE, W&W, E

[NS - Arnold Clifford believes this is the same species as *A. rubyi* (an older name), which has been followed by UT3. Somebody needs to check type specimens of each name.]

Asclepias hallii A. Gray - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Asclepias incarnata L. var. *incarnata* - E

[*Asclepias incarnata* L.] - Dom01, GPF, HDH, IMF, SFE, UTF, W&W

[*Asclepias incarnata* L. subsp. *incarnata*] - KTZ

Asclepias involucrata Engelm. ex Torr. - IMF, KTZ, UTF, W&W, E

[*Asclepias involucrata* Engelm.] - GPF, HDH, SFE

Asclepias latifolia (Torr.) Raf. - GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Asclepias macrosperrma Eastw. - IMF, SFW, UTF, W&W, W

- [*Asclepias involucrata* Engelm.] - KTZ
Asclepias macrotis Torr. - GPF, HDH, KTZ, SFE, W&W, E
Asclepias oenotheroides Cham. & Schltdl. - GPF, KTZ, SFE, W&W, E
Asclepias pumila (A. Gray) Vail - GPF, HDH, KTZ, SFE, W&W, E
Asclepias rusbyi (Vail) Woodson - UT3, CC & WI, IMF, KTZ, UTF, W&W¹; COLO, RM
Asclepias speciosa Torr. - Dom01, KTZ
 [*Asclepias gillilandii* Eastw.] - KTZ
Asclepias stenophylla A. Gray - GPF, HDH, KTZ, SFE, W&W, E
Asclepias subverticillata (A. Gray) Vail - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Asclepias tuberosa L. var. *interior* (Woodson) Shinners - IMF, E/W
 [*Asclepias tuberosa* L. subsp. *interior* Woodson] - GPF, HDH, KTZ, W&W, err. rep.
 [*Asclepias tuberosa* L. subsp. *terminalis* Woodson] - GPF, SF!, UTF, W&W
Asclepias uncialis Greene - Doem01, GPF, HDH, SFE, W&W, E
 [Asclepias uncialis Greene subsp. *uncialis*] - KTZ
 [*Asclepias verticillata* L.] - HDH rep., KTZ, W&W, err. rep.
Asclepias viridiflora Raf. - GPF, HDH, KTZ, SFE, W&W, E

Funastrum crispum (Benth.) Schltdl. - KTZ, W&W¹, Liede96, E
 [*Sarcostemma crispum* Benth.] - GPF, HDH, SFE, W&W

Sarcostemma (see **Funastrum**)

Araceae - ARA (see also ACO)

(Identification sources: _____)

- Lemna gibba* L. - Dorn01 (reported), FNA, GPF, HDH, IMF, KTZ, UTF, W&W
Lemna minor L. - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Lemna minuta Kunth - Dom01, FNA, IMF, KTZ, UTF, E/W
 [Lemna minima Philipi] - HDH, esp.
 [Lemna minor L.] - RMC
 [Lemna minuscula Hertw.] - SF!, W&W
Lemna trisulca L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Lemna turionifera Landolt - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
 [Lemna minor L.] - RMC
Lemna valdiviana Phil. - FNA, GPF, HDH, IMF, KTZ, UTF, W&W

⊕ *Pistia stratiotes* L. - FNA, Snow04b

⊕ *Spirodela polyrhiza* (L.) Schleid. - Dom01, FNA, HDH, IMF, SFE, UTF, W&W, E/W
 [Spirodela polyrhiza (L.) Schleid.] - GPF, KTZ
 [Spirodela polyrhiza Schleid.] - SFW

Wolffia borealis (Engelm.) Landolt - FNA, GPF, SFE, W&W, E

[*Wolffia borealis* (Engelm. ex Hegelm.) Landolt] -
 [*Wolffia borealis* (Engelm. ex Hegelm.) Landolt ex Landolt & Wildi] - KTZ
 [*Wolffia punctata* Griseb.] - IMF, UTF, W&W¹, misapp.

Wolffia columbianus H. Karst. - FNA, GPF, IMF, KTZ, SFE, W&W, E

Araliaceae - ARL

Aralia nudicaulis L. - Dom01, GPF, HDH, KTZ, SF!, W&W, E/W

Aralia racemosa L. subsp. *bicrenata* (Woot. & Standl.) S. L. Welsh & Atwood - KTZ, SF!,
UTF, WJ, W&W[†]; Wen98, E/W

[*Aralia racemosa* L. - GPF, HDH, exp., IMF, SF!, W&W

[*Aralia racemosa* L. subsp. *racemosa*] - W&W[†]

Asclepiadaceae - (see APO)

Asparagaceae - ASG (including Anthericaceae and parts of LIL)

(Identification sources: _____)

Asparagus officinalis L. - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Echeandia (see ATH)

Leucocrinum (see ATH)

Maianthemum (see RUS)

Nolina (see RUS)

Asteraceae - AST (= Compositae)

(Identification sources: _____)

Acanthoxanthium (see Xanthium)

⊕ *Achillea filipendulina* Lam. - KTZ <UT>

[WJ - Escaped cultivation and persisting in Idaho Springs CO area, also at Evergreen exit in Jefferson Co. on I-70, and scattered along roadsides in Boulder Co.]

Achillea millefolium L. var. *lamulosa* (Nutt.) Piper - Dom01, IMF, E/W

[*Achillea lamulosa* Nutt.] - SF!, W&W

[*Achillea lamulosa* Nutt. subsp. *alpicola* (Rydb.) D. D. Keck] - HDH

[*Achillea lamulosa* Nutt. subsp. *lamulosa*] - HDH

[*Achillea millefolium* L.] - FNA, HDH, SF!, W&W, W&W[†]

[*Achillea millefolium* L. subsp. *lamulosa* (Nutt.) Piper] - GPF, UTF

[*Achillea millefolium* L. var. *alpicola* (Rydb.) Garrett] - IMF, KTZ

[*Achillea millefolium* L. var. *occidentalis* DC.] - KTZ

* *Achillea ptarmica* L. - FNA

[NS - uncertain whether persisting in our area outside of cultivation]

Acosta (see Centaurea)

Acourtia nana (Gray) Reveal & King - KWA, KTZ

[*Perezia nana* Gray] - KTZ, M&H

- * *Acropitilon repens* (L.) DC. - FNA, KTZ, SF!, W&W
 [*Centaurea pectinata* Pall.] - HDH
 [*Centaurea repens* L.] - GPF, HDH, IMF, UTF, E/W
- { *Ageratina havanensis* (Kunth) R. M. King & H. Rob. } - KTZ <TX>
 [*Eupatorium havanense* Kunth]
 [*Eupatorium texense* (Torr. & A. Gray) Rydb.] - HDH, rep.
- Ageratina herbacea* (A. Gray) R. M. King & H. Rob. - FNA, KTZ, SF!, W&W
 [*Eupatorium herbaceum* (A. Gray) Greene] - HDH, IMF, SF!, UTF, E/W
 [*Ageratina occidentalis* (Hook.) R. M. King & H. Rob.] - W&W¹, err.rep.
- Agoseris*
- (Identification sources: _____)
- Agoseris aurantiaca* (Hook.) Greene var. *aurantiaca* - FNA, IMF, KTZ, SF!, UTF, E/W
 [*Agoseris arizonica* Greene] - HDH
 [*Agoseris aurantiaca* (Hook.) Greene] - GPF, HDH, W&W
 [*Agoseris rostrata* Rydb.] - HDH
- Agoseris aurantiaca* (Hook.) Greene var. *purpurea* (A. Gray) Cronquist - FNA, HDH, IMF, KTZ,
 SF!, UTF, E/W
 [*Agoseris aurantica* (Hook.) Greene] - GPF, W&W
- { *Agoseris elata* (Nutt.) Greene } - HDH, KTZ, W&W, misapp.
- Agoseris glauca* (Pursh) Raf. var. *dasycephala* (Torr. & A. Gray) Jeps. - Dom01, FNA, HDH,
 IMF, KTZ, SF!, UTF, W&W, E/W
- Agoseris glauca* (Pursh) Raf. var. *glaucia* - Dom01, FNA, IMF, KTZ, UTF, W&W, E/W
 [*Agoseris glauca* (Pursh) Raf.] - GPF, SF?
 [*Agoseris glauca* (Pursh) Raf. var. *agrestis* (Osterh.) Q. Jones] - UTF
 [*Agoseris glauca* (Pursh) Raf. var. *agrestis* (Osterh.) Q. Jones ex Cronquist] - IMF, KTZ, W&W
- Agoseris graminifolia* Greene - KWA, M&H
 [*Agoseris aurantiaca* (Hook.) Greene var. *aurantiaca*] - KTZ
- Agoseris heterophylla* (Nutt.) Greene var. *heterophylla* - KTZ, W
 [*Agoseris heterophylla* (Nutt.) Greene] - IMF, SF!, UTF, W&W
- Agoseris parviflora* (Nutt.) D. Dietrich - FNA
 [*Agoseris canadensis* Greene] - FNA
 [*Agoseris dem-leonis* Greene] - FNA
 [*Agoseris glauca* (Pursh) Raf. var. *laciniosa* (D. C. Eaton) Smiley] - HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 [*Agoseris glauca* (Pursh) Raf. var. *laciniosa* (D. C. Eaton) Kuntze] - FNA
 [*Agoseris glauca* (Pursh) Raf. var. *parviflora* (Nutt.) Rydb.] - HDH
 [*Agoseris rosea* (Nutt.) D. Dietrich] - FNA
 [*Agoseris taraxacoides* Greene] - FNA
 [*Agoseris tomentosa* Howell] - FNA
 [*Trexiom parviflorum* Nutt.] - FNA
- Almutaster pauciflorus* (Nutt.) A. Löve & D. Löve - Dom01, KTZ, W&W
 [*Aster pauciflorus* Nutt.] - GPF, HDH, IMF, UTF, E/W
 [*Almutaster pauciflorus* (Nutt.) A. Löve] - FNA, SF!
- Amauriopsis dissecta* (A. Gray) Rydb. - FNA
 [*Amauria dissecta* A. Gray] - FNA
 [*Bahia dissecta* (A. Gray) Bréton] - Dom01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Ambrosia

(Identification sources: _____)

- Ambrosia acanthicarpa* Hook. - Dorn01, FNA, GPF, IMF, KTZ, SF¹, UTF, W&W, E/W
[*Franeria acanthicarpa* (Hook.) Coville] - FNA, HDH
- ◆ *Ambrosia artemisiifolia* L. - Dorn01, FNA, GPF, IMF, UTF, E
[*Ambrosia artemisiifolia* L. var. *elatior* (L.) Desc.] - KTZ, SFE, W&W
[*Ambrosia elatior* L.] - HDH
- Ambrosia confertiflora* DC. - FNA, GPF, IMF, KTZ, SFE, UTF, W&W, E
[*Franeria confertiflora* (DC.) Rydb.] - HDH
- Ambrosia grayi* (A. Nelson) Shinners - FNA, GPF, KTZ, SFE, W&W, E
[*Franeria tomentosa* A. Gray] - HDH, W&W, non Nutt.
[*Gaertneria grayi* A. Nelson] - FNA
- ◆ *Ambrosia linearis* (Rydb.) W. W. Payne - **ENDEMIC <CO>**, FNA, GPF, KTZ, SFE, W&W, E
[*Franeria linearis* Rydb.] - HDH
[*Gaertneria linearis* Rydb.] - FNA
- Ambrosia psilostachya* DC. - Dorn01, FNA, GPF, IMF, KTZ, UTF, E/W
[*Ambrosia coronopifolia* Torr. & A. Gray] - HDH
- Ambrosia psilostachya* DC. var. *coronopifolia* (Torr. & A. Gray) Farw. - SF¹, W&W
- Ambrosia tomentosa* Nutt. - Dorn01, FNA, GPF, IMF, KTZ, SF¹, UTF, W&W, E/W
[*Franeria discolor* Nutt.] - HDH
- Ambrosia trifida* L. - HDH, SF¹, UTF, W&W
[*Ambrosia aptera* DC.] - KWA, KTZ, M&H
[*Ambrosia trifida* var. *aptera* (DC.) Kunze] - KTZ
[*Ambrosia trifida* var. *texana* Scheele] - KWA, KTZ
[*Ambrosia trifida* L. var. *trifida*] - GPF, IMF, KTZ, E/W

- Anaphalis margaritacea* (L.) Benth. & Hook. - Dorn01, FNA, GPF, HDH, IMF, SF¹, UTF, W&W, E/W
[*Anaphalis margaritacea* (L.) Benth.] - KTZ
[*Anaphalis margaritaceum* (L.) Benth. var. *occidentalis* Greene] - FNA
[*Anaphalis margaritaceum* (L.) Benth. var. *subalpina* (A. Gray) A. Gray] - FNA
[*Graphium margaritaceum* L.] - FNA

Antennaria

(Identification sources: _____)

- Antennaria anaphaloides* Rydb. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[*Antennaria pulcherrima* (Hook.) Greene subsp. *anaphaloides* (Rydb.) W. A. Weber] - SF¹, W&W
[*Antennaria pulcherrima* (Hook.) Greene var. *anaphaloides* (Rydb.) G. W. Douglas] - FNA
- Antennaria corymbosa* E. Nelson - Dorn01, FNA, HDH, IMF, KTZ, SF¹, UTF, W&W, E/W
[*Antennaria acuta* Rydb.] - FNA
[*Antennaria dioica* (L.) Gaert. var. *corymbosa* (E. E. Nelson) Jepson] - FNA
[*Antennaria hypoleuca* Greene] - FNA
[*Antennaria sardina* Greene] - FNA
- Antennaria dimorpha* (Nutt.) Torr. & A. Gray - FNA, Dorn01, HDH, KTZ, SFW, W&W, W
[*Graphium dimorphum* Nutt.] - FNA
[*Antennaria dimorpha* Nutt. var. *integra* L. F. Henderson] - FNA

- [*Antennaria dimorpha* Natt. var. *macrocephala* D. C. Eat.] - FNA
- [*Antennaria dimorpha* Natt. var. *nutallii* D. C. Eat.] - FNA
- [*Antennaria latisquamia* Piper] - FNA
- [*Antennaria macrocephala* (D. C. Eat.) Rydb.] - FNA
- Antennaria howellii* Greene subsp. *howellii* - FNA, KTZ
 - [*Antennaria callilepis* Greene] - FNA
 - [*Antennaria eximia* Greene] - FNA
 - [*Antennaria neglecta* var. *canadensis* (Greene) Cronq.] - KTZ
 - [*Antennaria neglecta* var. *randii* (Fern.) Cronq.] - KTZ
 - [*Antennaria neodioica* subsp. *canadensis* (Greene) Bayer & Stebbins] - KTZ
 - [*Antennaria neodioica* var. *randii* (Fern.) Bolvin] - KTZ
 - [*Antennaria randii* Fern.] - KTZ
 - [*Antennaria spathulata* (Fern.) Fem] - KTZ
- Antennaria howellii* Greene subsp. *neodioica* (Greene) R. J. Buyer - FNA
 - [*Antennaria neodioica* Greene] - FNA
 - [*Antennaria alstroemerioides* Greene] - FNA
 - [*Antennaria grandis* (Fernald) House] - FNA
 - [*Antennaria neglecta* var. *neodioica* (Greene) Cronq.] - FNA
 - [*Antennaria neodioica* Greene var. *attenuata* Fernald] - FNA
 - [*Antennaria neodioica* Greene var. *chlorophylla* Fernald] - FNA
 - [*Antennaria neodioica* Green var. *grandis* Fernald] - FNA
 - [*Antennaria neodioica* Green var. *interjecta* Fernald] - FNA
 - [*Antennaria neodioica* Green var. *nigricola* (Fernald) Fernald] - FNA
 - [*Antennaria obovata* E. E. Nelson] - FNA
 - [*Antennaria ripicola* Fernald] - FNA
- Antennaria howellii* Greene subsp. *petaloidea* (Fern.) R. Bayer - FNA, KTZ
 - [*Antennaria callilepis* Greene] - KTZ
 - [*Antennaria eximia* Greene] - KTZ
 - [*Antennaria neglecta* subsp. *howellii* (Greene) Hulten] - KTZ
 - [*Antennaria neglecta* var. *howellii* (Greene) Cronq.] - KTZ
 - [*Antennaria neodioica* subsp. *howellii* (Greene) Bayer] - KTZ
- Antennaria lanata* (Hook.) Greene - FNA
 - [*Antennaria capitata* (Wahlenberg) Hook. var. *lanata* Hook.] - FNA
- Antennaria luzuloides* Torr. & A. Gray subsp. *luzuloides* - FNA, KTZ
 - [*Antennaria luzuloides* Torr. & A. Gray] - Dom01, HDH, SF!, UTF, W&W, E/W
 - [*Antennaria luzuloides* Torr. & A. Gray var. *luzuloides*] - IMF
 - [*Antennaria luzuloides* Torr. & A. Gray var. *oblateolata* (Rydb.) M. Peck] - FNA
 - [*Antennaria oblateolata* Rydb.] - HDH
- Antennaria marginata* Greene - FNA, IMF, KTZ, SF!, W&W, E/W
 - [*Antennaria denticula* (L.) Gaertn. var. *marginata* (Greene) Jepson] - FNA
 - [*Antennaria fenderi* Greene] - FNA
 - [*Antennaria marginata* Greene var. *glandulifera* A. Nelson] - FNA
 - [*Antennaria neglecta* Greene] - HDH
 - [*Antennaria peranensis* Greene] - FNA
- Antennaria media* Greene - Dom01, FNA, HDH, IMF, KTZ, SF!, W&W, E/W
 - [*Antennaria alpina* (L.) Gaertn.] - HDH, W&W, misapp.
 - [*Antennaria alpina* (L.) Gaertn. var. *media* (Greene) Jeps.] - UTF
 - [*Antennaria austromontana* E. E. Nelson] - FNA
 - [*Antennaria candida* Greene] - FNA
 - [*Antennaria densa* Greene] - FNA
 - [*Antennaria modesta* Greene] - FNA
 - [*Antennaria micrantha* E. E. Nelson] - FNA
- Antennaria microphylla* Rydb. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 - [*Antennaria bracteosa* Rydb.] - FNA
 - [*Antennaria microphylla* Lunell var. *solidialis* Lunell] - FNA

- [*Antennaria nitida* Greene] - FNA
- [*Antennaria rosa* Greene var. *nitida* (Greene) Breitang] - FNA
- [*Antennaria solstitialis* Lunell] - FNA
- Antennaria neglecta* Greene - Dom01, FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
 - [*Antennaria athabascensis* Greene] - FNA
 - [*Antennaria campestris* Rydb.] - FNA
 - [*Antennaria campestris* Rydb. var. *athabascensis* (Greene) B. Boivin] - FNA
 - [*Antennaria chelonica* Lunell] - FNA
 - [*Antennaria erosa* Greene] - FNA
 - [*Antennaria howellii* Greene] - SFE
 - [*Antennaria howellii* Greene var. *athabascensis* (Greene) B. Boivin] - FNA
 - [*Antennaria howellii* var. *campestris* (Rydb.) B. Boivin] - FNA
 - [*Antennaria howellii* Greene subsp. *medioica* (Greene) R. J. Bayer] - KTZ, W&W
 - [*Antennaria longiloba* Greene] - FNA
 - [*Antennaria lunellii* Greene] - FNA
 - [*Antennaria nebrascensis* Greene] - FNA
 - [*Antennaria neglecta* Greene var. *athabascensis* (Greene) Roy L. Taylor & MacBreyde] - FNA
 - [*Antennaria neglecta* Greene var. *campestris* (Rydb.) Steyermark] - FNA
 - [*Antennaria neglecta* Greene var. *simplicifolia* Peck] - FNA
 - [*Antennaria obovata* E. Nelson] - HDH
 - [*Antennaria parvula* Greene] - FNA
 - [*Antennaria wilsonii* Greene] - FNA
- Antennaria parvifolia* Nutt. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 - [*Antennaria aprica* Greene] - FNA
 - [*Antennaria aprica* Greene var. *aureola* (Lunell) J. W. Moore] - FNA
 - [*Antennaria aprica* Greene var. *minimacula* (B. Boivin) B. Boivin] - FNA
 - [*Antennaria aracnoides* Lunell] - FNA
 - [*Antennaria dieica* (L.) Gaert. var. *parvifolia* (Nutt.) Torr. & A. Gray] - FNA
 - [*Antennaria latisequula* Greene] - FNA
 - [*Antennaria minuscula* B. Boivin] - FNA
 - [*Antennaria recurva* Greene] - FNA
 - [*Antennaria rhodantha* Saksdorf] - FNA
- Antennaria pulcherrima* (Hook.) Greene subsp. *pulcherrima* - FNA, W&W
 - [*Antennaria pulcherrima* (Hook.) Greene] - HDH, esp., IMF, KTZ, UTF
- Antennaria rosea* Greene subsp. *arida* (E. E. Nelson) R. J. Bayer - FNA, KTZ
 - [*Antennaria arida* E. E. Nelson] - FNA
 - [*Antennaria arida* E. E. Nelson subsp. *viscidula* E. E. Nelson] - FNA
 - [*Antennaria scariosa* E. E. Nelson] - FNA
 - [*Antennaria viscidula* (E. E. Nelson) A. Nelson ex Rydb.] - FNA
- Antennaria rosea* Greene subsp. *confinis* (Greene) R. J. Bayer - FNA, KTZ
 - [*Antennaria confinis* Greene] - FNA
 - [*Antennaria affinis* Fernald] - FNA
 - [*Antennaria africana* Fernald] - FNA
 - [*Antennaria angustifolia* Rydb.] - FNA
 - [*Antennaria arida* E. E. Nelson var. *humilis* (Rydb.) E. E. Nelson] - FNA
 - [*Antennaria breitungii* A. E. Porsild] - FNA
 - [*Antennaria brevistylis* Fernald] - FNA
 - [*Antennaria concinna* E. E. Nelson] - FNA
 - [*Antennaria dieica* (L.) Gaert. var. *kermensis* Jepson] - FNA
 - [*Antennaria elegans* A. E. Porsild] - FNA
 - [*Antennaria foliacea* Greene var. *humilis* Rydb.] - FNA
 - [*Antennaria incarnata* A. E. Porsild] - FNA
 - [*Antennaria laingii* A. E. Porsild] - FNA
 - [*Antennaria leontopodioides* Cody] - FNA
 - [*Antennaria leucophylla* Persicaria ex C. F. Baker (non. nud.)] - FNA

- [*Antennaria rosea* var. *angustifolia* (Rydb.) E. E. Nelson] - FNA
 [*Antennaria sedoides* Greene] - FNA
 [*Antennaria sordida* Greene] - FNA
 [*Antennaria subtoscana* Fernald] - FNA
 [*Antennaria tomentella* E. E. Nelson] - FNA
- Antennaria rosea* Greene subsp. *pulvinata* (Greene) R. J. Bayer - FNA
 [*Antennaria tomentella* Greene] - FNA
 [*Antennaria albescens* (E. E. Nelson) Rydb.] - FNA
 [*Antennaria fusca* E. E. Nelson] - FNA
 [*Antennaria gaspensis* (Fernald) Fernald] - FNA
 [*Antennaria howellii* Greene subsp. *gaspensis* (Fernald Chmielewski)] - FNA
 [*Antennaria isolepis* Greene] - FNA
 [*Antennaria maculata* Greene] - FNA
 [*Antennaria maticoquagana* P. Landry] - FNA
 [*Antennaria media* Greene subsp. *fusca* (E. E. Nelson) Chmielewski] - FNA
 [*Antennaria neglecta* Greene var. *gaspensis* Fernald] - FNA
 [*Antennaria neodioica* Greene var. *gaspensis* Fernald] - FNA
 [*Antennaria peasei* Fernald] - FNA
 [*Antennaria pulvinata* Greene subsp. *albescens* E. E. Nelson] - FNA
 [*Antennaria sanionii* Greene] - FNA
 [*Antennaria straminea* Fernald] - FNA
- Antennaria rosea* Greene subsp. *rosea* - FNA
 [*Antennaria acuminata* Greene] - FNA
 [*Antennaria alborosea* A. E. Porsild] - FNA
 [*Antennaria chlorantha* Greene] - FNA
 [*Antennaria formosa* Greene] - FNA
 [*Antennaria hendersonii* Piper] - FNA
 [*Antennaria imbricata* E. E. Nelson] - FNA
 [*Antennaria lanulosa* Greene] - FNA
 [*Antennaria neodioica* Greene var. *chlorantha* (Greene) B. Boivin] - FNA
 [*Antennaria oxyphylla* Greene] - FNA
 [*Antennaria rosea* subsp. *divaricata* E. E. Nelson] - FNA
 [*Antennaria speciosa* E. E. Nelson] - FNA
- Antennaria rosulata* Rydb. - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 [*Antennaria sierra-blanca* Rydb.] - FNA
- Antennaria umbrinella* Rydb. - Dom01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 [*Antennaria alzoides* Greene] - FNA
 [*Antennaria alpina* L.] - HDH, W&W¹, misapp.
 [*Antennaria flavescens* Rydb.] - FNA
 [*Antennaria reflexa* E. Nelson] - FNA, HDH
- * *Anthemis arvensis* L. - Dom01, FNA, HDH, KTZ, SF!, W&W, E/W
 [*Anthemis arvensis* L. var. *agrestis* (Walt.) DC. - GPF
- * *Anthemis cotula* L. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- * *Anthemis tinctoria* L. - Dom01, GPF, IMF, KTZ, SFW, UTF, W&W¹, W
 [*Cota tinctoria* (L.) J. Gay ex Gussone] - FNA
- * *Arctium lappa* L. - Dom01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
- * *Arctium minus* Bernh. - Dom01, FNA, GPF, KTZ, E/W
 [*Arctium minus* (Hill) Bernh.] - HDH, IMF, SF!, UTF, W&W
- * *Arctium tomentosum* Mill. - FNA, GPF, KTZ, SFE, W&W, E
- Arida parviflora* (A. Gray) D. R. Morgan & R. L. Hartman - FNA
 [*Machaeranthera parviflora* A. Gray] - FNA

Arnica

(Identification sources: _____)

Arnica angustifolia Vahl subsp. *tomentosa* (Macoun) G. W. Douglas & G. Ruyle-Douglas - KTZ, W

[*Arnica angustifolia* Vahl var. *tomentosa* (Macoun) Dorn] - Dom01

[*Arnica alpina* (L.) Olin subsp. *tomentosa* (Macoun) Maguire] - SFW

[*Arnica alpina* (L.) Olin & Lada subsp. *tomentosa* (Macoun) Maguire] - W&W

Arnica chamissonis Less. - FNA

[*Arnica chamissonis* Less. var. *andina* (Nutt.) Ediger & T. M. Barkley] - UTP

[*Arnica chamissonis* Less. subsp. *foliosa* (Nutt.) Maguire] - HDH, SF1, W&W

[*Arnica chamissonis* Less. subsp. *foliosa* (Nutt.) Maguire var. *andina* (Nutt.) Ediger & T. M. Barkley] - KTZ

[*Arnica chamissonis* Less. subsp. *foliosa* (Nutt.) Maguire var. *foliosa*] - IMF

[*Arnica chamissonis* Less. var. *foliosa* (Nutt.) Maguire] - Dom01, UTP, E/W

Arnica cordifolia Hook. - Dom01, FNA, GPF, HDH, KTZ, SF1, UTP, W&W, E/W

[*Arnica cordifolia* Hook. subsp. *cordifolia*] - HDH

[*Arnica cordifolia* Hook. var. *cordifolia*] - IMF

[*Arnica paniculata* A. Nels.] - HDH, esp.

Arnica fulgens Pursh - Dom01, FNA, GPF, HDH, IMF, KTZ, SF1, UTP, W&W, E/W

Arnica gracilis Rydb. - FNA, HDH, exp., KTZ, RMC

[*Arnica latifolia* Bong. var. *gracilis* (Rydb.) Cronquist] - IMF, UTP

Arnica lanceolata Nutt. subsp. *prima* (Maguire) Strother & S. J. Wolf - FNA

[*Arnica amplexicaulis* Nutt.] - Dom01

[*Arnica amplexicaulis* subsp. *genuina* Maguire] - KTZ

[*Arnica amplexicaulis* subsp. *prima* (Maguire) Maguire] - KTZ

[*Arnica amplexicaulis* var. *piperi* St. John & Warren] - KTZ

[*Arnica amplexicaulis* var. *prima* (Maguire) Boivin] - KTZ

[*Arnica amplexifolia* Rydb.] - KTZ

[*Arnica mollis* var. *aspera* (Greene) Boivin] - KTZ

Arnica latifolia Bong. - FNA, HDH, KTZ, SF1, W&W, E/W

[*Arnica latifolia* Bong. var. *latifolia*] - Dom01, IMF, UTP

Arnica longifolia D. C. Eaton - Dom01, FNA, KTZ, SF1, W&W, E/W

[*Arnica longifolia* D. C. Eaton subsp. *longifolia*] - HDH, IMF

[*Arnica longifolia* D. C. Eaton var. *longifolia*] - UTP

Arnica mollis Hook. - Dom01, FNA, HDH, IMF, KTZ, SF1, UTP, W&W, E/W

Arnica ovata Greene - FNA

[*Arnica diversifolia* Greene] - KTZ <UT>, UTP <CO>

[*Arnica latifolia* Bongard var. *viscidula* A. Gray] - FNA

Arnica parryi A. Gray - Dom01, FNA, SF1, UTP, W&W

[*Arnica parryi* A. Gray var. *parryi*] - IMF, E/W

[*Arnica parryi* A. Gray subsp. *parryi*] - HDH, KTZ

Arnica rydbergii Greene - Dom01, FNA, GPF, HDH, IMF, KTZ, SF1, UTP, W&W, E/W

Arnica sororia Greene - FNA, KTZ, Dom01

[*Arnica fulgens* var. *sororia* (Greene) G.W. Douglas & G. Ruyle-Douglas] - KTZ

Artemesia

(Identification sources: _____)

* *Artemesia abrotanum* L. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF1, UTP, W&W, E/W

- * *Artemisia absinthium* L. - FNA, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W
- * *Artemisia annua* L. - FNA, GPF, IMF, KTZ, SFE, UTF, W&W, E
[*Artemisia chamomilla* C. Winkler] - FNA
- Artemisia arbuscula* Nutt. var. *arbuscula* - FNA, W
[*Artemisia arbuscula* Nutt.] - IMF, UTF
[*Artemisia arbuscula* Nutt. subsp. *arbuscula*] - KTZ
[*Artemisia tridentata* Nutt. subsp. *arbuscula* (Nutt.) H. M. Hall & Clem.] - HDH
[*Seriphidium arbusculum* (Nutt.) W. A. Weber] - SFW
[*Seriphidium arbusculum* (Nutt.) W. A. Weber subsp. *arbusculum*] - W&W
- Artemisia arbuscula* Nutt. var. *longiloba* (Osterh.) Dorn - E, FNA
[*Artemisia arbuscula* Nutt.] - IMF
[*Artemisia arbuscula* Nutt. subsp. *longiloba* (Osterh.) L. Shultz] - KTZ
[*Artemisia longiloba* (Osterh.) Beetle] - FNA, UTF
[*Artemisia speciosa* Osterh. var. *longiloba* Osterh.] - FNA
[*Seriphidium arbusculum* (Nutt.) W. A. Weber subsp. *longilobum* (Osterh.) W. A. Weber] - FNA, SFE, W&W
- ◆ *Artemisia biennis* Willd. var. *biennis* - KTZ, E/W
[*Artemisia biensis* Willd.] - FNA, GPF, HDH, IMF, SFI, UTF, W&W
- ◆ *Artemisia biennis* Willd. var. *diffusa* Dorn - **ENDEMIC <WY>**, Dom01, KTZ
- Artemisia bigelovii* A. Gray - FNA, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W
[*Artemisia petrophila* Wooton & Standl.] - FNA
[*Seriphidium bigelovii* (A. Gray) K. Bremer & Humphries] - FNA
- Artemisia borealis* Pallas subsp. *borealis* - FNA
[*Artemisia campestris* L. subsp. *borealis* (Pallas) H. M. Hall & Clements] - FNA
[*Artemisia campestris* L. var. *sphacemata* Pursh] M. Peck] - FNA
[*Artemisia campestris* L. var. *strutziae* S. L. Welsh] - FNA
[*Artemisia parviflora* Besser] - FNA
[*Artemisia spithamea* Pursh] - FNA
[*Oligosporus groenlandicus* (Hornemann) A. Löve & D. Löve] - FNA
- Artemisia campestris* L. var. *caudata* (Michx.) Palmer & Steyermark. - Dom01, KTZ, E
[*Artemisia campestris* L. subsp. *caudata* (Michx.) H. M. Hall & Clem.] - FNA, GPF, KTZ
[*Artemisia caudata* Michx.] - HDH
[*Artemisia forrestedii* A. Gray] - FNA
[*Oligosporus caudatus* (Michx.) Poljakov] - SFE, W&W
- Artemisia campestris* L. var. *pacifica* (Nutt.) M. Peck - E/W
[*Artemisia campestris* L. subsp. *borealis* (Pall.) H. M. Hall & Clem. var. *scouleriana* (Benth.) Cronquist] - UTF
[*Artemisia campestris* L. subsp. *borealis* (Pall.) H. M. Hall & Clem. var. *scouleriana* (Hook.) Cronquist] - KTZ
[*Artemisia campestris* L. subsp. *pacifica* (Nutt.) H. M. Hall & Clem.] - FNA
[*Artemisia campestris* var. *petiolata* S. L. Welsh] - FNA
[*Artemisia campestris* L. var. *scouleriana* (Besser) Cronquist] - IMF, RMC
[*Artemisia desertorum* Sprengel var. *scouleriana* (Besser) Cronquist] - FNA
[*Artemisia pacifica* Nutt.] - FNA, HDH
[*Oligosporus campestris* (L.) Cassini subsp. *pacifica* (Nutt.) W. A. Weber] - FNA
[*Oligosporus pacificus* (Nutt.) Poljakov] - FNA, SFI, W&W
- Artemisia campestris* L. var. *purshii* (Hook.) Cronquist - E/W
[*Artemisia borealis* Pall.] - HDH, rep.
[*Artemisia campestris* L. subsp. *borealis* (Pall.) var. *borealis* (Pall.) H. M. Hall & Clem.] - KTZ
[*Artemisia campestris* L. subsp. *borealis* Pall. var. *purshii* (Hook.) Cronquist] - IMF
[*Artemisia campestris* L. subsp. *borealis* (Pall.) H. M. Hall & Clem. var. *purshii* (Hook.) Cronquist]
[*Artemisia spithamea* Pursh] - HDH
[*Oligosporus groenlandicus* (Hornem.) A. Löve & D. Löve] - SFI, W&W
- Artemisia cana* Pursh var. *cana* - Dom01, E/W
[*Artemisia cana* Pursh] - GPF, HDH, IMF
[*Artemisia cana* Pursh subsp. *cana*] - FNA, KTZ
[*Artemisia columbiensis* Nutt.] - FNA

- [*Seriphidium canum* (Pursh) W. A. Weber] - SF1, W&W
- Artemisia cana* Pursh var. *viscidula* Osterh. - Dorn01, UTF, E/W
 [Artemisia cana Pursh] - GPF, HDH, IMF
 [Artemisia cana Pursh subsp. *viscidula* (Osterh.) Beetle] - FNA, KTZ
 [Artemisia *viscidula* (Osterh.) Rydb.] - FNA
 [*Seriphidium canum* (Pursh) W. A. Weber] - SF1, W&W
- Artemisia carruthii* A. W. Wood ex Campt - FNA, GPF, HDH, IMF, KTZ, UTF, W&W, E
 [Artemisia *bakeri* Greene] - FNA
 [Artemisia *carruthii* A. W. Wood] - SFE
 [Artemisia *coloradensis* Osterh.] - FNA
 [Artemisia *kansana* Britt.] - FNA
 [Artemisia *valgaria* L. subsp. *wrightii* (A. Gray) H. M. Hall & Clements] - FNA
 [Artemisia *wrightii* A. Gray] - FNA
- Artemisia dracunculus* L. - Dorn01, FNA, GPF, IMF, KTZ, E/W
 [Artemisia *aromatica* A. Nelson] - FNA
 [Artemisia *dracunculus* S. Watson] - FNA
 [Artemisia *dracunculoides* Pursh] - FNA
 [Artemisia *dracunculoides* Pursh subsp. *dracunculina* (S. Watson) H.M. Hall & Clements] - FNA
 [Artemisia *dracunculus* L. subsp. *dracunculus*] - HDH
 [Artemisia *dracunculus* L. var. *dracunculus*]
 [Artemisia *dracunculus* L. subsp. *glauca* (Pall.) H. M. Hall & Clem.] - HDH
 [Artemisia *dracunculus* L. subsp. *glauca* (Pall. ex Willd.) H. M. Hall & Clem.]
 [Artemisia *dracunculus* L. var. *glauca* (Pall.) Besser] - UTF
 [Oligosporus *dracunculus* (L.) Poljakov subsp. *dracunculus* (S. Watson) W. A. Weber] - SFE, W&W
 [Oligosporus *dracunculus* (L.) Poljakov subsp. *dracunculus*] - W&W¹, Eurasian,
 [Oligosporus *dracunculus* (L.) Poljakov subsp. *glauca* (Pall.) A. Löve & D. Löve]] - SF1, W&W¹
 [Oligosporus *dracunculus* (L.) Poljakov subsp. *glauca* (Pall. ex Willd.) A. Löve & D. Löve] - W&W
 [*Artemisia glauca* Pallas ex Willd.] - FNA
 [*Artemisia glauca* Pallas ex Willd. var. *megacephala* B. Boivin] - FNA
- Artemisia filifolia* Torr. - Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W
 [Artemisia *plattenis* Nott.] - FNA
 [Oligosporus *filifolius* (Torr.) Poljakov] - SF1, W&W
- Artemisia franserioides* Greene - FNA, HDH, KTZ, SF1, W&W, E/W
- Artemisia frigida* Willd. - FNA, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
 [Artemisia *frigida* Willd. var. *greeniana* (Besser) Besser] - FNA
 [Artemisia *frigida* Willd. var. *williamsiae* S. L. Welsh] - FNA
- Artemisia laciniata* Willd. subsp. *parryi* (A. Gray) W. A. Weber - FNA
 [Artemisia *parryi* A. Gray] - FNA
 [Artemisia *saxicola* Rydb. var. *parryi* A. Nelson] - FNA
- Artemisia longifolia* Nutt. - Dorn01, FNA, GPF, HDH rep., KTZ, SFE, W&W, E
 [Artemisia *laticata* Rydb.] - FNA
 [Artemisia *ludiviciiana* Nutt. var. *interigifolia* A. Nelson] - FNA
 [Artemisia *naturensis* A. Nelson] - FNA
 [Artemisia *valgaria* L. subsp. *longifolia* (Nutt.) H.M. Hall & Clements] - FNA
 [Artemisia *valgaria* L. var. *longifolia* (Nutt.) M. Peck] - FNA
- Artemisia ludoviciana* Nutt. var. *albula* (Wooton) Shinners - IMF, UTF, W
 [Artemisia *ludoviciana* Nutt. subsp. *albula* (Wooton) D. D. Keck] - FNA, HDH, KTZ, SFW, W&W
 [Artemisia *microcephala* Wooton] - FNA
- Artemisia ludoviciana* Nutt. var. *incompta* (Nutt.) Cronquist - Dorn01, IMF, UTF, E/W
 [Artemisia *arachnoides* E. Sheldon] - FNA
 [Artemisia *atomifera* Piper] - FNA
 [Artemisia *incompta* Nutt.] - FNA
 [Artemisia *lindleyana* Besser] - FNA
 [Artemisia *ludoviciana* Nutt. subsp. *incompta* (Nutt.) D. D. Keck] - FNA, HDH, KTZ, SF1, W&W
 [Artemisia *prescottiana* Besser] - FNA

- [*Artemisia vulgaris* L. var. *incompta* (Nutt.) H. St. John] - FNA
- Artemisia ludoviciana* Nutt. var. *latiloba* Nutt. - Dom01
 [Artemisia canadica Rydb.] - KTZ
 [Artemisia ludoviciana var. *latiloba* Nutt.] - KTZ
- Artemisia ludoviciana* Nutt. var. *ludoviciana* - Dorn01, GPF, IMF, UTF, E/W
 [*Artemisia ludoviciana* Nutt. subsp. *ludoviciana*] - HDH, KTZ, SF!, W&W
- Artemisia ludoviciana* Nutt. var. *mexicana* (Willd. ex Spreng.) A. Gray - IMF, E/W
 [*Artemisia ludoviciana* Nutt. subsp. *mexicana* (Willd.) D. D. Keck] - FNA, HDH, SF!, W&W
 [*Artemisia ludoviciana* Nutt. subsp. *mexicana* (Willd. ex Spreng.) D. D. Keck] - KTZ
 [*Artemisia ludoviciana* Nutt. var. *mexicana* (Willd.) Fernald] - GPF, UTF
 [*Artemisia mexicana* Willd. ex Spreng.] - FNA
 [*Artemisia neomexicana* Greene ex Rydb.] - FNA
 [*Artemisia neovolata* Rydb.] - FNA
- Artemisia michauxiana* Besser - Dorn01, FNA, HDH rep., IMF, KTZ, SF!, UTF, W&W, E/W
- Artemisia norvegica* Fr. var. *saxatilis* (Besser) Jeps. - IMF, E/W
 [*Artemisia arctica* Less.] - FNA
- [*Artemisia arctica* Less. subsp. *arctica*] - FNA, KTZ
 [*Artemisia arctica* Less. subsp. *comata* (Rydb.) Hultén] - FNA
 [*Artemisia arctica* Less. subsp. *ehrendorferi* Kosočkov] - FNA
 [*Artemisia arctica* Less. subsp. *saxicola* (Rydb.) Hultén] - SF!, W&W
 [*Artemisia chamissoniana* Besser var. *saxatilis* Besser in W. J. Hook.] - FNA
 [*Artemisia comata* Rydb.] - FNA
 [*Artemisia norvegica* Fr. subsp. *saxatilis* (Besser) H. M. Hall & Clem.] - HDH
 [*Artemisia norvegica* Fr. var. *piceostrum* S. L. Welsh & Goodrich] - FNA, UTF
- Artemisia nova* A. Nelson - FNA, IMF, KTZ, UTF, W
 [*Artemisia arbuscula* Nutt. subsp. *nova* (A. Nelson) G. H. Ward] - FNA
 [*Artemisia arbuscula* Nutt. var. *nova* (A. Nelson) Cronquist] - FNA
 [*Artemisia tridentata* Nutt. subsp. *nova* (A. Nelson) H. M. Hall & Clem.] - HDH
 [*Artemisia tridentata* Nutt. var. *nova* (A. Nelson) Cronquist] - FNA
 [*Seriphidium novum* A. Nelson] - SFW
 [*Seriphidium novum* (A. Nelson) W. A. Weber] - W&W
- Artemisia parryi* A. Gray - HDH, KTZ, UTF, E/W
 [*Artemisia laciniata* Willd. subsp. *parryi* (A. Gray) W. A. Weber] - SF!, W&W
- Artemisia pattersonii* A. Gray - FNA, HDH, KTZ, SF!, W&W, E/W
 [*Artemisia monocephala* (A. Gray) A. Heller] - FNA
 [*Artemisia scopularum* A. Gray var. *monocephala* A. Gray] - FNA
- Artemisia pedatifida* Nutt. - Dorn01, FNA, GPF, HDH, KTZ, E/W
 [*Oligosporus pedatifidus* (Nutt.) Poljakov] - SF!, W&W
- ♦ *Artemisia porteri* Cronq. - **ENDEMIC <WY>**, Dorn01, FNA, KTZ
- Artemisia pygmaea* A. Gray - FNA, IMF, KTZ, UTF, W
 [*Seriphidium pygmaeum* (A. Gray) W. A. Weber] - FNA, SFW, W&W
- Artemisia scopulorum* A. Gray - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Artemisia spiciformis* Osterh. - FNA, IMF, UTF, E/W
 [*Artemisia rothrockii*] - HDH
 [*Artemisia X spiciformis* Osterh.] - RMC
 [*Artemisia tridentata* Nutt. subsp. *rothrockii* (A. Gray) H. M. Hall & Clem.] - HDH
 [*Artemisia tridentata* Nutt. subsp. *spiciformis* (Osterh.) Karlesz & Gandhi] - FNA, KTZ
 [*Seriphidium spiciforme* (Osterh.) Y. R. Ling] - FNA
 [*Seriphidium rothrockii* (A. Gray) W. A. Weber] - W&W, err. rep.
 [*Seriphidium vaseyanum* (Rydb.) W. A. Weber] - SF!, W&W
- Artemisia spinescens* D. C. Eaton - Dom01, HDH, IMF, UTF, W
 [*Pterothamnus desertorum* Nutt.] - FNA, KTZ, SFW, W&W
- Artemisia tridentata* Nutt. var. *tridentata* - IMF, UTF, E/W
 [*Artemisia angustifolia* (A. Gray) Rydb.] - FNA

- [*Artemisia tridentata* Nutt. subsp. *tridentata*] - FNA, HDH, KTZ
- [*Artemisia tridentata* Nutt. subsp. *xericensis* Wimward ex R. Rosentreter & R. G. Kelsey] - FNA
- [*Seriphidium tridentatum* (Nutt.) W. A. Weber] - SF!
- [*Seriphidium tridentatum* (Nutt.) W. A. Weber subsp. *tridentatum*] - W&W
- Artemisia tridentata* Nutt. var. *vaseyana* (Rydb.) B. Boivin - GPF, IMF, UTF, E/W
- [*Artemisia tridentata* Nutt. subsp. *vaseyana* (Rydb.) Beetle] - FNA, KTZ
- [*Artemisia tridentata* Nutt. var. *paeoniflora* Wimward & Goodrich] - FNA, UTF
- [*Artemisia tridentata* Nutt. subsp. *vaseyanum* (Rydb.) W. A. Weber]
- [*Artemisia vaseyana* Rydb.] - FNA
- [*Seriphidium vaseyanum* (Rydb.) W. A. Weber] - FNA, W&W, SF!
- Artemisia tridentata* Nutt. var. *wyomingensis* (Beetle & Young) S. L. Welsh - IMF, UTF, W
- [*Artemisia tridentata* Nutt. subsp. *wyomingensis* Beetle & Young] - FNA, KTZ
- [*Seriphidium tridentatum* (Nutt.) W. A. Weber subsp. *wyomingense* (Beetle & Young) W. A. Weber] - W&W
- [*Seriphidium vaseyanum* (Rydb.) W. A. Weber subsp. *wyomingensis* (Beetle & Young) W. A. Weber] - SFW
- *Artemisia tripartita* Rydb. var. *rupicola* (Beetle) Doen - **ENDEMIC** <WY>, Dorn01, FNA
- [*Artemisia tripartita* Rydb. subsp. *rupicola* (Beetle)] - KTZ
- Artemisia tripartita* Rydb. var. *tripartita* - Dorn01, E, FNA
- [*Artemisia tripartita* Rydb.] - HDH, IMF, UTF
- [*Artemisia tripartita* Rydb. subsp. *tripartita*] - KTZ
- [*Seriphidium tripartitum* (Rydb.) W. A. Weber] - SFE, W&W

Askellia (see *Crepis*)

Aster (see also *Almutaster*, *Chaetopappa*, *Diplactis*, *Eucephalus*, *Eurybia*, *Herrickia*, *Machaeranthera*, *Solidago*, *Symphyotrichum*, *Xanthisma*, *Xylorhiza*)
 [NS - *Aster* s.l. has been segregated in FNA Vol. 20 (see also Semple01, Noyes99)]

- {*Aster praecaltus* Poir.} - HDH, W&W, err. rep.
- {*Aster praecaltus* Poir. var. *praecaltus*} - GPF
- {*Symphyotrichum praecaltum* (Poir.) G. L. Nesom} - W&W¹, err. rep.
- {*Symphyotrichum praecaltum* (Poir.) G. L. Nesom var. *praecaltum*} - KTZ <NE, OK>
- {*Aster sibiricus* L. var. *meritus* (A. Nels.) Raup} - WY checklist
- [*Aster behringensis* Gaudich.] - KTZ
- [*Aster meritus* A. Nels.] - KTZ
- [*Aster richardsonii* Spreng.] - KTZ
- [*Aster sibiricus* subsp. *richardsonii* (Spreng.) A. & D. Love] - KTZ
- [*Aster sibiricus* var. *giganteus* (Hook.) Gray] - KTZ
- [*Aster sibiricus* var. *meritus* (A. Nels.) Raup] - KTZ
- [*Eurybia sibirica* (L.) Nesom] - FNA, KTZ
- [*Eurybia sibirica* (L.) subsp. *richardsonii*] - KTZ
- [*Eurybia sibirica* (L.) subsp. *giganteus*] - KTZ
- [*Eurybia sibirica* (L.) var. *meritus* (A. Nels.)] - KTZ

{*Baccharis emoryi* A. Gray} - HDH, KTZ <AZ, NM, UT>, UTF, W&W, applies to
Baccharis salicina

{*Baccharis glutinosa* Pers.} - GPF, HDH rep., IMF, UTF, W&W, applies to *B. salicina*
 {*Baccharis salicifolia* (Ruiz & Pav.) Pres.} - KTZ

Baccharis salicina Torr. & A. Gray - FNA, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
 [*Baccharis emoryi* A. Gray] - FNA

Baccharis salicifolia (Ruiz & Pav.) Pers. - FNA
 [*Baccharis glutinosa* Pers.] - FNA

[*Bachthoris viminea* DC.] - FNA
[*Bachthoris viminea* DC. var. *atwoodii* S. L. Welsh] - FNA
[*Molina salicifolia* Ruiz & Pav.] - FNA

Baccharis wrightii A. Gray - FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Bahia (see *Amauriopsis*, *Pieradeniopsis*, *Platyschkuhria*, *Schkuhria*)

Balsamita (see *Chrysanthemum*)

Balsamorhiza hispida Sharp - Dorn01, FNA, HDH, SFW, W&W, W
[*Balsamorhiza hookeri* Nutt. var. *hispida* (Sharp) Cronquist] - IMF, UTF
[*Balsamorhiza hookeri* (Hook.) Nutt. var. *hispida* (Sharp) Cronquist] - KTZ

Balsamorhiza incana Nutt. - FNA, Doen01, KTZ

Balsamorhiza sagittata (Pursh) Nutt. - Dom01, FNA, GPF, HDH, KTZ, SFI, UTF, W&W, E/W
[*Buphtalmum sagittatum* Pursh] - FNA

Balsamorhiza x tomentosa Rydb. - WY checklist, KTZ

Berlandiera lyrata Benth. - FNA, GPF, HDH, KTZ, SFE, W&W, E
[*Berlandiera incisa* Torr. & A. Gray] - FNA

Bidens

(Identification sources: _____)

Bidens bigelovii A. Gray - FNA, GPF, HDH, IMF, KTZ, SFE, W&W, E
[*Bidens bipinnata* L.] - HDH, doubtful, KTZ, W&W
* **Bidens cernua** L. - FNA, Doen01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Bidens frondosa L. - Doen01, FNA, GPF, HDH, IMF, KTZ, SFI, UTF, E/W
[*Bidens frondosa* L. var. *frondosa*] - W&W

Bidens heterosperma A. Gray - FNA, HDH, KTZ, W&W

Bidens laevis (L.) Britton, Sterns, & Poggenb. - FNA, IMF, KTZ, W&W¹
[*Bidens laevis* Britton, Sterns, & Poggenb.] - HDH

Bidens polylepis S. F. Blake - FNA, HDH, W&W
[*Bidens aristosa* (Michx.) Britton] - KTZ

Bidens tenuisecta A. Gray - FNA, HDH, IMF, KTZ, SFI, UTF, W&W, E/W
* **Bidens tripartita** L. - FNA, KTZ, UTF

[*Bidens comosa* (A. Gray) Wiegand] - Dom01, GPF, HDH, IMF, SFE, UTF, W&W, E
Bidens vulgata Greene - FNA, Dom01, GPF, HDH, IMF, KTZ
[*Bidens frondosa* L. var. *puberula* Wiegand] - W&W

Bolophyta (see *Parthenium*)

Brachyactis (see *Aster*)

Breesa (see *Cirsium*)

Brickellia

(Identification sources: _____)

- Brickellia actractyloides* A. Gray var. *actractyloides* - FNA
Brickellia brachiphylla (A. Gray) A. Gray - FNA, GPF, KTZ, E/W
 [*Brickellia brachiphylla* A. Gray] - HDH, SF!, W&W
- Brickellia californica* (Torr. & A. Gray) A. Gray - FNA, GPF, HDH, IMF, SF!, UTF, W&W
 [*Brickellia californica* (Torr. & A. Gray) A. Gray var. *californica*] - KTZ, E/W
 [*Bulbostylis californica* Torr. & A. Gray] - FNA
- Brickellia eupatorioides* (L.) Shinners var. *chlorolepis* (Wooton & Standl.) B. L. Turner - FNA,
 KTZ, E/W
 [*Brickellia rosmarinifolia* (Vestenat) W. A. Weber subsp. *chlorolepis* (Wooton & Standl.) W. A. Weber] - SF!,
 W&W
 [*Kuhnia chlorolepis* Wooton & Standl.] - GPF, HDH, UTF
 [*Kuhnia eupatorioides* L. var. *chlorolepis* (Wooton & Standl.) Cronquist] - IMF
- Brickellia eupatorioides* (L.) Shinners var. *corymbulosa* (Torr. & A. Gray) Shinners - Doem01,
 FNA, KTZ, E
 [*Brickellia eupatorioides* (L.) Shinners] - SFE, W&W
 [*Kuhnia eupatorioides* L. var. *corymbosa* Torr. & A. Gray] - GPF, HDH
- Brickellia grandiflora* (Hook.) Nutt. - Doem01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
 [*Brickellia grandiflora* (Hook.) Nutt. var. *grandiflora*] - E/W
- Brickellia longifolia* S. Watson var. *longifolia* - FNA, IMF, KTZ
 [*Brickellia longifolia* S. Watson] - SFW, UTF, W&W, W
- Brickellia microphylla* (Nutt.) A. Gray var. *microphylla* - FNA
 [*Brickellia microphylla* (Nutt.) A. Gray var. *watsonii* (B. L. Rob.) S. L. Welsh] - FNA
 [*Brickellia watsonii* B. L. Rob.] - FNA
- Brickellia microphylla* (Nutt.) A. Gray var. *scabra* A. Gray - Doem01, IMF, KTZ, UTF, W
 [*Brickellia microphylla* (Nutt.) A. Gray subsp. *scabra* (A. Gray) W. A. Weber] - SFW, W&W
 [*Brickellia scabra* (A. Gray) A. Nelson ex B. L. Rob.] - HDH
- Brickellia oblongifolia* Nutt. var. *limifolia* (D. C. Eaton) B. L. Rob. - FNA, HDH, IMF, KTZ,
 UTF, W
 [*Brickellia limifolia* D. C. Eaton in S. Watson] - FNA
 [*Brickellia oblongifolia* Nutt.] - SFW, W&W
- Brickelliastrum fendleri* (A. Gray) King & H. Robins. - FNA
 [*Brickellia fendleri* A. Gray] - FNA
- * *Carduus acanthoides* L. - Doem01, GPF, IMF, KTZ, SF!, W&W, E/W
 [*Carduus acanthoides* L. subsp. *acanthoides*] - FNA
- * *Carduus nutans* L. - Doem01, HDH rep., IMF, UTF, E/W
 [*Carduus nutans* L. subsp. *leiocephalus* (Petrović) Stoj. & Stefan] - GPF
 [*Carduus nutans* L. subsp. *macrocephalus* (Desf.) Nyman] - GPF
 [*Carduus nutans* L. subsp. *macrolepis* (Peterman) Kazmi] - KTZ, SF!, W&W
- * *Carthamus tinctorius* L. - Doem01, FNA, GPF, HDH, IMF, KTZ, UTF, W&W
 [No vouchers; evidently only in cultivation]

Centaurea

(Identification sources: _____)

- * { *Centaurea americana* Nutt.} - GPF, HDH, exp., KTZ <AZ, KS, NM, OK>
 * *Centaurea cyanus* L. - Doem01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W

- [W] - used in revegetation but does not appear to persist]
 [Leucanthia cyanus (L.) Nieuwl. & Lunell] - SFT, W&W
- * *Centaurea diffusa* Lam. - Dom01, FNA, GPF, IMF, KTZ, UTF, E/W
 [Acosta diffusa (Lam.) Soják] - SFT, W&W
- * *Centaurea iberica* Trev. ex Spreng. - FNA, KTZ
- * *Centaurea jacea* L. - IMF, UTF, KHD (see note)
 [NS - KHD reports *Centaurea pratensis* as a rare weed in Colorado, which FNA (19: 186) treats as "collective name" for intermediates between *C. jacea* and *C. nigra*]
 [Centaurea eriophora L.] - KTZ, E/W
 [Jacca pratensis Lam.] - SFT, W&W
- * *Centaurea macrocephala* Puschk. ex Willd. - FNA KTZ, E
 [NS - WJ indicates doubtful outside of cultivation in CO, but FNA lists as present for CO]
 [Grossheimia macrocephala (Mussin-Puschkin) Sosnowsky & Takhtajan] - SFE
 [Grossheimia macrocephala (Mussin-Puschkin ex Willd.) Sosnowsky & Takhtajan] - W&W¹
- * *Centaurea scabiosa* L. - Dorn01
- * *Centaurea stoebe* L. subsp. *micranthos* (S. G. Gmelin ex Gugler) Hayek - FNA
 [Acosta maculosa (L.) Holub] - SFT, W&W
 [Centaurea biebersteinii DC.] - FNA, KTZ
 [Centaurea maculosa Lam. - Dom01, GPF, RMC, IMF, UTF, E/W] - FNA
- * *Centaurea solstitialis* L. - FNA, GPF, HDH, IMF, KTZ, UTF
 [Leucantha solstitialis (L.) A. Löve & D. Löve] - W&W
- * *Centaurea virgata* Lam. subsp. *squarrosa* (Boissier) Gugler - FNA
 [Centaurea virgata Lam. var. *squarrosa* Boissier] - FNA
 [Centaurea squarrosa Willd.] - FNA
- Chaenactis douglasii* (Hook.) Hook. & Arn. var. *alpina* A. Gray - FNA, KTZ
 [Chaenactis alpina (A. Gray) M. E. Jones] - Dom01, IMF, SPL, W&W, E/W
 [Chaenactis alpina (A. Gray) M. E. Jones var. *alpina*] - HDH, UTF
 [Chaenactis alpina (A. Gray) M. E. Jones var. *leucopsis* (Greene) Cockerell ex Steckw.] - W&W
 [Chaenactis alpina (A. Gray) M. E. Jones var. *leucopsis* (Greene) Cockerell] - UTF
 [Chaenactis alpina (A. Gray) M. E. Jones var. *leucopsis* (Greene) Stockw.] - HDH, rep.
 [Chaeractis leucopsis Greene] - KTZ
- Chaenactis douglasii* (Hook.) Hook. & Arn. var. *douglasii* - HDH, KTZ
 [Chaenactis angustifolia Greene] - HDH
 [Chaenactis douglasii (Hook.) Hook. & Arn.] - FNA, SFT, UTF, W&W, E/W
 [Chaenactis douglasii (Hook.) Hook. & Arn. var. *achilleifolia* (Hook. & Arn.) A. Nelson] - GPF, HDH, IMF
 [Chaenactis douglasii (Hook.) Hook. & Arn. var. *montana* M. E. Jones] - Dom01, IMF
 [Chaenactis hamata Rydb.] - HDH, rep.
 [Hymenopappus douglasii Hook.] - FNA
 [Macrocarpus douglasii (Hook.) Nutt.] - FNA
- Chaenactis stevioides* Hook. & Arn. - FNA, HDH, KTZ, SFW, UTF, W&W
 [Chaenactis stevioides Hook. & Arn. var. *stevioides*] - Dom01, IMF, W
- Chaetopappa ericoides* (Torr.) G. L. Nesom - Dom01, FNA, IMF, KTZ, UTF, E/W
 [Aster arenosus S. F. Blake] - HDH
 [Chaetopappa ericoides (A. Gray) G. L. Nesom] - W&W¹
 [Leucelene ericoides (Torr.) Greene] - SFT
 [Leucelene ericoides (Torr. & A. Gray) Greene] - GPF, W&W
- Chamaechaenactis scaposa* (Eastw.) Rydb. - Dorn01, FNA, HDH, IMF, SFW, UTF, W&W, W
 [Centaurea scaposa Eastw.] - FNA
 [Chamaechaenactis scaposa (Eastw.) Rydb. var. *scaposa*] - KTZ

Chamomilla (see *Matricaria*)

Chloracantha spinosa (Benth.) Nesom - KWA, KTZ
[*Aster spinosus* Benth.] - KWA, M&H, KTZ
[*Erigeron oreganus* Blake] - KTZ
[*Leucosyris spinosa* (Benth.) Greene] - KWA, KTZ

Chlorocrepis (see *Hieracium*)

Chrysanthemum

[NS - generic boundaries unstable]
* *Chrysanthemum coccineum* Willd. - KTZ, W&W
* *Chrysanthemum coronarium* L. - HDH, KTZ, W&W
[No known voucher at COLO]
* *Chrysanthemum leucanthemum* L. - Dom01, GPF, IMF, UTF, E/W
[*Chrysanthemum leucanthemum* L. var. *pinnatifidum* Lecoq & Lamotte] - HDH
[*Leucanthemum vulgare* Lam.] - FNA, KTZ, SF!, W&W
* *Chrysanthemum maximum* Ramond - W
[NS - established in parts of Boulder County]
[*Leucanthemum maximum* (Ramond) DC.] - FNA, KTZ, SF!, W&W¹

Chrysopsis (see *Heterotheca*)

Chrysothamnus (see also *Ericameria*, *Lorandersonia*)

(Identification sources: _____)

Chrysothamnus depressus Nutt. - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Chrysothamnus greenei (A. Gray) Greene - Dom01, FNA, IMF, KTZ, SF!, UTF, E/W
[*Bigelowia greenei* A. Gray] - FNA

[*Chrysothamnus greenei* (A. Gray) Greene subsp. *filifolius* (Rydb.) H. M. Hall & Clem.] - HDH, W&W
[*Chrysothamnus greenei* (A. Gray) Greene subsp. *greenei*] - HDH, W&W

Chrysothamnus vaseyi (A. Gray) Greene - Dom01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[*Bigelowia vaseyi* A. Gray] - FNA

Chrysothamnus viscidiflorus (Hook.) Nutt. subsp. *axillaris* (D. D. Keck) L. C. Anderson - FNA
[NS - combination unavailable at varietal level for consistency with other infraspecific taxa]
[*Chrysothamnus axillaris* D. D. Keck] - FNA

Chrysothamnus viscidiflorus (Hook.) Nutt. var. *lanceolatus* (Nutt.) Greene - Dom01, IMF, UTF, E

[*Chrysothamnus viscidiflorus* (Hook.) Nutt. subsp. *elegans* (Greene) H. M. Hall & Clem.] - HDH, W&W
[*Chrysothamnus viscidiflorus* (Hook.) Nutt. subsp. *lanceolatus* (Nutt.) H. M. Hall & Clem.] - FNA, GPF, HDH, KTZ, SF!, W&W

Chrysothamnus viscidiflorus (Hook.) Nutt. var. *puberulus* (D. C. Eaton) Jeps. - IMF, UTF
[*Chrysothamnus viscidiflorus* (Hook.) Nutt. subsp. *puberulus* (D. C. Eaton) H. M. Hall & Clem.] - HDH, KTZ, W&W

Chrysothamnus viscidiflorus (Hook.) Nutt. var. *viscidiflorus* - Dom01, IMF, UTF, E/W

[*Chrysothamnus viscidiflorus* (Hook.) Nutt.] - SF!
[*Chrysothamnus viscidiflorus* (Hook.) Nutt. subsp. *axillaris* (D. D. Keck) L. C. Anderson] - KTZ, W&W
[*Chrysothamnus viscidiflorus* (Hook.) Nutt. subsp. *latifolius* (D. C. Eaton) H. M. Hall & Clem.] - W&W
[*Chrysothamnus viscidiflorus* (Hook.) Nutt. subsp. *parvulus* (Nutt.) H. M. Hall & Clem.] - HDH, W&W

- [*Chrysanthemum viscidiflorus* (Hook.) Nutt. subsp. *viscidiflorus*] - FNA, GPF, HDH, SFE, W&W
- [*Chrysanthemum viscidiflorus* (Hook.) Nutt. subsp. *viscidiflorus* var. *latifolius* (D. C. Eat.) Greene] - KTZ
- [*Chrysanthemum viscidiflorus* (Hook.) Nutt. subsp. *viscidiflorus* var. *viscidiflorus*] - KTZ
- [*Chrysanthemum viscidiflorus* (Hook.) Nutt. var. *stenophyllus* (A. Gray) H. M. Hall] - UTZ
- [*Chrysanthemum viscidiflorus* (Hook.) Nutt. subsp. *stenophyllus* (A. Gray) H. M. Hall & Clem.] - HDH, W&W
- [*Chrysanthemum viscidiflorus* (Hook.) Nutt. subsp. *viscidiflorus* var. *stenophyllus* (A. Gray) H. M. Hall] - KTZ

* *Cichorium intybus* L. - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Cirsium

(Identification sources: _____)

[NS - The FNA treatment is surely a general improvement for *Cirsium* but its taxonomy in the SRMR would benefit greatly from a doctoral dissertation. Our herbaria regionally need a lot of curatorial attention.]

Cirsium arizonicum (A. Gray) Petrak var. *bipinnatum* (Eastwood) D. J. Keil - FNA

- [*Cnicus arizonicus* A. Gray] - FNA
- [*Cirsium dracunculus* Torr. & A. Gray var. *bipinnatum* Eastwood] - FNA
- [*Cirsium bipinnatum* (Eastwood) Rydb.] - HDH
- [*Cirsium calcareum* (M. E. Jones) Wooton & Standl.] - IMF, KTZ, SFW, W&W, W
- [*Cirsium calcareum* (M. E. Jones) Wooton & Standl. var. *bipinnatum* (Eastw.) S. L. Welsh - FNA, UTF
- [*Cirsium calcareum* (M. E. Jones) Wooton & Standl. var. *calcareum*] - UTF
- [*Cirsium calcareum* (M. E. Jones) Wooton & Standl. var. *pusillum* (Greene) S. L. Welsh] - FNA, UTF
- [*Cirsium pusillum* (Greene) Wooton & Standl.] - HDH
- [*Cirsium pulchellum* (Greene ex Rydb.) Wooton & Standl.] - FNA
- [*Cirsium pulchellum* (Greene ex Rydb.) Wooton & Standl. subsp. *bipinnatum* (Eastwood) Petrak - FNA
- [*Cirsium pulchellum* (Greene ex Rydb.) Wooton & Standl. subsp. *diffusum* (Eastwood) Petrak] - FNA
- [*Cirsium pulchellum* (Greene ex Rydb.) Wooton & Standl. subsp. *glabrescens* Petrak] - FNA

* *Cirsium arvense* (L.) Scop. - Dom01, FNA, GPF, IMF, KTZ, W&W, E/W

- [*Breva arvensis* (L.) Less.] - SF!, W&W¹
- [*Breva incana* (Gmelin) W. A. Weber, in ed.] - W&W²
- [*Cirsium arvense* (L.) Scop. var. *arvense*] - HDH
- [*Cirsium arvense* (L.) Scop. var. *horridum* Winner, & Grab.] - UTF
- [*Cirsium arvense* (L.) Scop. var. *integrifolium* Winner, & Grab.] - HDH, RMC
- [*Cirsium arvense* (L.) Scop. var. *mitte Winner & Grab.*] - UTF
- [*Cirsium arvense* (L.) Scop. var. *vestitum* Winner & Graebner] - HDH
- [*Cirsium incanum* (S. G. Gmelin) Fisher ex Bieberstein] - W&W

Cirsium barnesbyi S. L. Welsh & Neese - Dom01 (reported), FNA, IMF, KTZ, SFW, UTF, W&W, W

Cirsium canescens Nutt. - Dom01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W

- [*Cirsium platense* (Rydb.) Fernald] - HDH

Cirsium clavatum (M. E. Jones) Petrak var. *americanum* (A. Gray) D. J. Keil - FNA

- [*Carduus spathulatus* Osterhout.] - KTZ
- [*Cirsium carolinoides* Schrank var. *americanus* A. Gray] - FNA
- [*Cirsium centauraeum* (Rydb.) K. Schum.] - Dom01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- [*Cirsium griseum* (Rydb.) K. Schum.] - FNA, KTZ
- [*Cirsium laterifolium* (Osterh.) Petrak] - FNA, KTZ
- [*Cirsium modestum* (Osterh.) Cockerell] - FNA, KTZ
- [*Cirsium nemetofolium* (Hook.) DC. subsp. *oregonense* Petrak]
- [*Cirsium scapolepis* Petrak] - FNA, KTZ, W&W
- [*Cirsium spathulifolium* Rydb.] - HDH, FNA

Cirsium clavatum (M. E. Jones) Petrak var. *clavatum* - FNA, UT3

- [*Cirsium clavatum* (M. E. Jones) Petrak] - IMF, KTZ, UTF

- [*Cirsium clavatum* (M. E. Jones) Petrak var. *markagantense* S. L. Welsh] - FNA
- ◆ *Cirsium clavatum* (M. E. Jones) Petrak var. *osterhoutii* (Rydb.) D. J. Keil - ENDEMIC <CO>, FNA
- [*Carduus arneensis* Osterhout] - KTZ
 - [*Carduus osterhoutii* Rydb.] - FNA
 - [*Cirsium arneans* Rydb.] - FNA, KTZ, W&W
 - [? *Cirsium eatonii* (A. Gray) B. L. Rob.] - W&W²
 - [*Cirsium osterhoutii* (Rydb.) Petrak] - KTZ, W&W
- Cirsium drummondii* Torr. & A. Gray - FNA, KWA, JM, HDH, KTZ, W&W, misid.
- [*Carduus drummondii* (Torr. & A. Gray) Coville] - KWA
 - [*Cirsium coccinatum* Osterhout] - FNA, KTZ
 - [*Cirsium coloradense* (Ryderberg) Cockerell] - KWA
 - [*Cirsium foliosum* (Hooker) A.P. de Candolle] - KWA
- Cirsium eatonii* (A. Gray) B. L. Rob. var. *eriocephalum* (A. Gray) D. J. Keil - FNA
- [*Carduus hookerianus* Nuttall var. *eriocephalus* (A. Gray) A. Nelson] - FNA
 - [*Cirsium eatonii* (A. Gray) B. L. Rob.] - FNA, HDH, IMF, KTZ, SF1, W&W, E/W
 - [*Cirsium eatonii* (A. Gray) B. L. Rob. var. *eracanthoides*] - UTF
 - [*Cirsium eriocephalum* A. Gray] - FNA
 - [*Cirsium eriocephalum* A. Gray var. *leiocephalum* D. C. Eat. in S. Wats.] - FNA
 - [*Cirsium scopulorum* (Greene) Cockerell ex Daniels - FNA
 - [*Cirsium scopulorum* (Greene) Cockerell] - HDH, SF1, UTF, W&W
 - [*Cirsium tweedyi* (Rydb.) Petrak] - W&W
 - [*Cnicus eatonii* A. Gray] - FNA
 - [*Cnicus eriocephalum* A. Gray] - FNA
- Cirsium eatonii* (A. Gray) B. L. Rob. var. *hesperium* (Eastwood) D. J. Keil - FNA
- [*Cirsium hesperium* (Eastw.) Petrak] - SF1, W&W
 - [*Cirsium hesperium* (Eastw.) Rydb.] - HDH
 - [*Cirsium hesperium* (Eastwood) Petrak] - FNA
 - [*Cnicus hesperius* Eastwood] - FNA
- Cirsium eatonii* (A. Gray) B. L. Rob. var. *murdockii* S. L. Welsh - FNA
- [*Cirsium murdockii* (S. L. Welsh) Cronq.] - FNA
 - [*Cirsium polypodium* (Rydb.) Petrak] - FNA
 - [*Cirsium tweedyi* (Rydb.) Petrak] - FNA
- Cirsium floydianum* (Rydb.) Arthur - Dom01, FNA, GPF, IMF, KTZ, SFE, W&W, E
- Cirsium inamoenum* (Greene) D. J. Keil var. *davisii* (Cronq.) D. J. Keil - FNA
- [*Carduus nevadensis* Greene] - KTZ
 - [*Cirsium davisii* Cronq.] - KTZ
 - [*Cirsium humboldtense* Rydb.] - KTZ
 - [*Cirsium subnitescens* Rydb.] - Dom01, KTZ
- Cirsium neomexicanum* A. Gray - FNA, HDH, IMF, KTZ, SFW, W&W, W
- [*Cirsium acutum* A. Nelson] - FNA
 - [*Cirsium humboldtense*] - FNA
 - [*Cirsium neomexicanum* A. Gray var. *utahense* (Petrak) S. L. Welsh] - FNA, UTF
 - [*Cirsium undulatum* (Nutt.) Sprengel var. *albescens* D. C. Eat.] - FNA
 - [*Cirsium utahense* Petrak] - FNA
- Cirsium ochrocentrum* A. Gray - Dom01, FNA, GPF, HDH, IMF, KTZ, UTF, W&W, E/W
- [*Cirsium ochrocentrum* (A. Gray) A. Gray] - SF1
 - [*Cirsium ochrocentrum* A. Gray var. *ochrocentrum*] - FNA
- Cirsium ownbeyi* S. L. Welsh - Dom01, FNA, IMF, KTZ, SFW, UTF, W&W, W
- Cirsium parryi* (A. Gray) Petrak - FNA, HDH, SF1, UTF, W&W
- [*Cirsium inornatum* (Wooton & Standl.) Wooton & Standl.] - FNA
 - [*Cirsium gilense* (Wooton & Standl.) Wooton & Standl.] - FNA
 - [*Cirsium pallidum* Wooton & Standl.] - FNA, HDH, KTZ, W&W
 - [*Cirsium parryi* (A. Gray) Petrak] - FNA, HDH, SF1, UTF, W&W

- [*Cirsium parryi* (A. Gray) Petrak subsp. *parryi*] - KTZ, E/W
[*Cirsium parryi* (A. Gray) Petrak subsp. *mogollonicum* Schuack & G. A. Goodwin] - FNA
[*Cnicus parryi* A. Gray] - FNA
- ◆ *Cirsium perplexans* (Rydb.) Petrak - **ENDEMIC <CO>**, FNA, KTZ, SFW, W&W, W
[*Carduus perplexans* Rydb.] - FNA
[*Cirsium perplexans* Rydb.] - HDH
[*Cirsium verna* (Osterh.) Cockerell] - FNA, KTZ
- ◆ *Cirsium pulcherrimum* (Rydb.) Schum. var. *aridum* (Dorn) D. J. Keil - FNA
[*Cirsium aridum* Dorn] - Dom01, FNA
[*Cirsium pulcherrimum* (Rydb.) K. Schum. - FNA, GPF, IMF, KTZ, UTF
- Cirsium pulcherrimum* (Rydb.) K. Schum. var. *pulcherrimum* - Dom01, FNA
[*Cirsium remotifolium* (Hook.) DC. subsp. *remotifolium*] - IMF, KTZ
{NS - restricted to Pacific states fide FNA [as *C. remotifolium* (Hook.) DC. in A. P. DC. & A. L. P. DC.]}
- Cirsium scaricosum* Nuttall var. *americanum* (A. Gray) D. J. Keil - FNA
[*Cirsium americanum* (A. Gray) K. Schum.] - FNA
[*Cirsium aculea* (L.) Scop. var. *americanum* A. Gray] - FNA
[*Cirsium aculeescens* (A. Gray) K. Schum.] - FNA
[*Cirsium coloradense* (Rydb.) Cockerell ex Daniels subsp. *aculeescens* (A. Gray) Petrak] - FNA
[*Cirsium coloradense* (Rydb.) Cockerell ex Daniels subsp. *longissimum* (A. Heller) Petrak] - FNA
[*Cirsium drummondii* Tom. & A. Gray var. *aculeescens* (A. Gray) J. F. Macbride] - FNA
[*Cirsium drummondii* Tom. & A. Gray subsp. *briquianum* Petrak] - FNA
[*Cirsium drummondii* Tom. & A. Gray var. *oregonense* Petrak] - FNA
[*Cirsium drummondii* Tom. & A. Gray subsp. *vexans* Petrak] - FNA
[*Cirsium tiogianum* (J. W. Congd.) Petrak] - FNA
- Cirsium scaricosum* Nuttall var. *coloradense* (Rydb.) D. J. Keil - FNA
[*Carduus coloradensis* Rydb.] - FNA
[*Cirsium coloradense* (Rydb.) Cockerell] - FNA, W&W
[*Cirsium drummondii* Tom. & A. Gray var. *aculeescens* (A. Gray) J. F. Macbr.] - HDH
[*Cirsium erosum* (Rydb.) K. Schumann] - FNA
[*Cirsium X erosum* (Rydb.) K. Schum.] - PLS
[*Cirsium olivescens* (Rydb.) Petrak] - FNA
[*Cirsium scaricosum* Nutt.] - IMF, KTZ, SPL, W&W, W&W¹
[*Cirsium scaricosum* Nutt. var. *scaricosum*] - UTF
[*Cirsium tiogianum* (Congd.) - FNA
[*Cirsium tiogianum* (Congd.) Petr. var. *coloradense* (Rydb.) Dom] - Dom01, E/W, FNA
[*Cirsium tiogianum* (Congd.) Petr. var. *tiogianum*] - Dom01, E/W, FNA, RMNC
[*Cirsium scaricosum* Nutt. var. *scaricosum* Nutt.] - UTF
- Cirsium scaricosum* Nuttall var. *scaricosum* - FNA
[*Cirsium butleri* (Rydb.) Petrak] - FNA
[*Cirsium lacuum* (Rydb.) Petrak] - FNA
[*Cirsium mangifolium* (A. Nelson] - FNA
[*Cirsium minganense* Victorin] - FNA
- Cirsium scaricosum* Nuttall var. *thomaeae* S. L. Welsh - FNA
- Cirsium undulatum* (Nutt.) Spreng. - Dom01, FNA, GPF, HDH, IMF, SPL, W&W
[*Cirsium megacephalum* (A. Gray) Cockerell] - HDH
[*Cirsium tracyi* (Rydb.) Petrak] - FNA, IMF, SFW, W&W
[*Cirsium undulatum* (Nutt.) Spreng. var. *tracyi* (Rydb.) S. L. Welsh] - KTZ, UTF, W
[*Cirsium undulatum* (Nutt.) Spreng. var. *undulatum*] - FNA, KTZ, UTF, E/W
- * *Cirsium vulgare* (Savi) Ten. - Dom01, FNA, GPF, IMF, KTZ, SPL, UTF, W&W, E/W
[*Cirsium lanceolatum* (L.) Hill] - HDH
- Cirsium wheeleri* (A. Gray) Petrak - FNA, KTZ, UTF
[*Cirsium wheeleri* (A. Gray) Petrak var. *wheeleri*] - UT3

Conyzia (see also **Laennecia**)

⊕ **Conyzia canadensis** (L.) Cronquist - FNA, HDH, SF!, W&W

[*Conyzia canadensis* (L.) Cronquist var. *canadensis*] - Dom01, GPF, IMF, KTZ, E/W
[*Conyzia canadensis* (L.) Cronquist var. *glabrata* (A. Gray) Cronquist] - GPF, IMF, KTZ, UTF
[*Erigeron canadensis* L.] - FNA

⊕ **Coreopsis lanceolata** L. - FNA, GPF, HDH, KTZ, W&W, E

[No voucher at COLO]

* **Coreopsis tinctoria** Nutt. - Dom01, FNA, GPF, HDH, SF!, W&W

[*Coreopsis tinctoria* Nutt. var. *tinctoria*] - IMF, KTZ, E/W

* **Cosmos bipinnatus** Cav. - Dom01, FNA, HDH, IMF, KTZ, UTF, W&W

[Grown in Denver]

Cosmos parviflorus (Jacq.) Pers. - FNA, KTZ, E/W

[*Cosmos parviflorus* (Jacq.) Kuntze] - HDH, SF!, W&W

Crepis

(Identification sources: _____)

Crepis acuminata Nutt. - Dom01, FNA, GPF, IMF, UTF

[*Crepis acuminata* Nutt. subsp. *acuminata*] - HDH, KTZ, E/W

[*Crepis acuminata* Nutt. subsp. *pluriflora* Babk. & Stebbins] - FNA, HDH, KTZ, E/W

[*Crepis angustata* Rydb.] - FNA

[*Crepis sessilifolia* Rydb.] - FNA*

[*Psilochenia acuminata* (Nutt.) W. A. Weber] - SF!, W&W

[*Psilochenia acuminata* (Nutt.) W. A. Weber] - SFT, W&W

Crepis atribarba A. Heller - Dom01, FNA, HDH, IMF, UTF, E/W

[*Crepis atribarba* A. Heller subsp. *atribarba*] - KTZ

[*Crepis exilia* Osterh.] - FNA

[*Crepis exilia* Osterh. subsp. *originalis* Babcock & Stebbins] - FNA

[*C. occidentalis* Nutt. var. *gracilis* D. C. Eat.] - FNA

[*Psilochenia atribarba* (A. Heller) W. A. Weber] - SF!, W&W

* **Crepis capillaris** Wallr. - FNA, IMF, KTZ, SFE, E

[*Crepis capillaris* (L.) Wallr.] - GPF, UTF, W&W

Crepis intermedia A. Gray - Dom01, FNA, HDH, IMF, KTZ, UTF, W

[*Psilochenia intermedia* (A. Gray) W. A. Weber] - SFW, W&W

Crepis modocensis Greene var. *modocensis* - FNA, IMF, W

[*Crepis modocensis* Greene subsp. *modocensis*] - KTZ, RMC

[*Crepis modocensis* Greene] - Dor01, HDH, UTF

[*Psilochenia modocensis* (Greene) W. A. Weber] - SFW, W&W

[*Crepis nana* Richardson subsp. *clivicola* Legg.] - KTZ, E/W

[*Askellia nana* (Richardson) W. A. Weber] - SF!, W&W

Crepis nana Richardson var. *ramosa* (Babk.) Cronquist - Dom01, FNA, IMF, E/W

[*Askellia nana* (Richardson) W. A. Weber] - SF!, W&W

[*Crepis nana* Richardson] - UTF

[*Crepis nana* Richardson subsp. *nana*] - HDH, IMF, misapp., KTZ, RMC

Crepis occidentalis Nutt. subsp. *conjecta* Babcock & Stebbins - FNA

Crepis occidentalis Nutt. var. *costata* A. Gray - Dom01, FNA, UTF, E/W

[*Crepis occidentalis* Nutt. subsp. *costata* (A. Gray) Babk. & Stebbins] - GPF, HDH, IMF, KTZ

[*Psilochenia occidentalis* Nutt.] - SF!

[*Psilochenia occidentalis* (Nutt.) Nutt. subsp. *costata* (A. Gray) W. A. Weber] - W&W

- Crepis occidentalis* Nutt. var. *occidentalis* - Dom01, FNA, UTF, E/W
 [Crepis occidentalis Nutt. subsp. *occidentalis*] - HDH, IMF, KTZ
 [Psilochenia occidentalis Nutt.] - SF!
 [Psilochenia occidentalis (Nutt.) Nutt. subsp. *occidentalis*] - W&W
- Crepis runcinata* (E. James) Torr. & A. Gray var. *glauca* (Nutt.) B. Boivin - Dom01, FNA, IMF, UTF, E/W
 [Crepis runcinata Torr. & A. Gray subsp. *glauca* (Nutt.) Babe. & Stebbins] - GPF, HDH
 [Crepis runcinata (E. James) Torr. & A. Gray subsp. *glauca* (Nutt.) Babe. & Stebbins] - KTZ
 [Psilochenia runcinata (E. James.) A. Löve & D. Löve] - SF!
 [Psilochenia runcinata (E. James ex Torr.) A. Löve & D. Löve] - W&W
- Crepis runcinata* (E. James) Torr. & A. Gray var. *hispidulosa* Howell ex Rydb. - Dom01, FNA, IMF, UTF, E/W
 [Crepis runcinata Torr. & A. Gray subsp. *hispidulosa* (Howell) Babe. & Stebbins] - HDH
 [Crepis runcinata (E. James) Torr. & A. Gray subsp. *hispidulosa* (Howell ex Rydb.) Babe. & Stebbins] - KTZ
 [Psilochenia runcinata (E. James) A. Löve & D. Löve] - SF!
 [Psilochenia runcinata (E. James ex Torr.) A. Löve & D. Löve] - W&W
- Crepis runcinata* (E. James) Torr. & A. Gray var. *runcinata* - Dom01, FNA, IMF, UTF, E/W
 [Crepis runcinata Torr. & A. Gray subsp. *runcinata*] - HDH
 [Crepis runcinata (E. James) Torr. & A. Gray subsp. *runcinata*] - GPF, KTZ
 [Psilochenia runcinata (E. James) A. Löve & D. Löve] - SF!
 [Psilochenia runcinata (E. James ex Torr.) A. Löve & D. Löve] - W&W
- Cyclachaena xanthifolia* (Nutt.) Fresen. - SF!, W&W
 [*Iva xanthifolia* Nutt.] - Dom01, GPF, HDH, IMF, KTZ, UTF, E/W
- Diaperia prolifera* (Nutt. ex DC.) Nutt. var. *prolifera* - FNA
 [*Eva prolifera* Nutt. ex DC.] - GPF, KTZ, W&W, E
 [*Eva prolifera* Nutt.] - HDH, SFE
- Diateria
- (Identification sources: _____)
- Diateria bigelovii* (A. Gray) D. R. Morgan & R. L. Hartm. var. *bigelovii* - FNA
 [Aster *bigelovii* A. Gray] - HDH
 [Machaeranthera *bigelovii* (A. Gray) Greene] - Dom01, IMF, SF!, W&W
 [Machaeranthera *bigelovii* (A. Gray) Greene var. *bigelovii*] - KTZ, UTF, Turner07, E/W
 [Machaeranthera *patersonii* (A. Gray) Greene] - SFE, W&W
- Diateria canescens* (Pursh) Nutt. var. *ambigua* (B. L. Turner) D. R. Morgan & R. L. Hartman - FNA
 [Machaeranthera *canescens* (Pursh) A. Gray var. *ambigua* B. L. Turner] - FNA
- Diateria canescens* (Pursh) Nutt. var. *aristata* (Eastwood) D. R. Morgan & R. L. Hartman - FNA
 [Aster *canescens* Pursh var. *aristatus* Eastwood] - FNA
 [Machaeranthera *canescens* (Pursh) A. Gray var. *aristata* (Eastwood) B.L. Turner] - FNA
 [Machaeranthera *rigida* Greene] - FNA
- Diateria canescens* (Pursh) Nutt. var. *canescens* - FNA
 [Machaeranthera *divaricata* (Nutt.) Greene] - FNA
 [Machaeranthera *laetevirens* Greene] - FNA
 [Machaeranthera *latifolia* A. Nelson] - FNA
 [Machaeranthera *plaverulenta* (Nutt.) Greene] - FNA
 [Machaeranthera *viscosa* (Nutt.) Greene] - FNA
- Diateria canescens* (Pursh) Nutt. var. *glabri* (A. Gray) D. R. Morgan & R. L. Hartman - FNA
 [Aster *canescens* Pursh var. *viridis* A. Gray] - FNA

[*Machaeranthera canescens* (Parsh) A. Gray var. *glabra* A. Gray] - FNA
[*Machaeranthera linearis* Greene] - FNA

Dicoria canescens A. Gray - FNA

[*Dicoria brandegeei* A. Gray] - HDH rep., SFW, UTF, W&W
[*Dicoria canescens* A. Gray subsp. *brandegeei* (A. Gray) Kartesz] - KTZ
[*Dicoria canescens* A. Gray var. *brandegeei* (A. Gray) Cronquist] - IMF, W
[*Dicoria paniculata* Eastw.] - HDH, rep.

{*Dicoria canescens* A. Gray var. *wetherillii* (Eastw.) Cronquist] - IMF <UT>
{*Dicoria canescens* A. Gray subsp. *wetherillii* (Eastw.) Kartesz, comb. in ed.; - KTZ

Diplactis alpinus (L.) Semple subsp. *vierhapperi* (Onno) Semple - FNA

[*Aster alpinus* L.] - HDH
[*Aster alpinus* L. var. *vierhapperi* (Onno) Cronquist - KTZ, SF!, W&W, E/W
[*Aster culminis* A. Nelson] - FNA
[*Aster alpinus* L. var. *vierhapperi* Onno] - FNA

Dugaldia (see **Hymenoxys**)

Dyssodia (see also **Thymophylla**)

Dyssodia papposa (Vent.) Hitchc. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

Echinacea angustifolia DC. - Dorn01, FNA, GPF, HDH, SFE, W&W

[*Echinacea angustifolia* DC. var. *angustifolia*] - KTZ, E

Echinacea purpurea (L.) Moench - GPF, KTZ, SFE, W&W[†], E

[NS - not native to our region fide FNA]

* *Echinops sphaerocephalus* L. - HDH, FNA, KTZ, W&W

{*Eclipta alba* (L.) Hassk.} - HDH, exp.

{*Eclipta prostrata* (L.) L.} - GPF, KTZ

{*Verbesina prostrata* L.} - FNA

Enceliopsis nudicaulis (A. Gray) A. Nelson var. *nudicaulis* - IMF, KTZ, W

[*Enceliopsis nudicaulis* (A. Gray) A. Nelson] - HDH, exp., SFW, UTF, W&W

Encelia nutans Eastw. - FNA, KTZ

[*Enceliopsis nutans* (Eastw.) A. Nelson - HDH, IMF, UTF, W&W, W

[*Enceliopsis nutans* Eastw.] - SFW

[*Enceliopsis nutans* (Eastw.) A. Nelson]

Engelmannia peristenia (Raf.) Goodm. & Lawson - FNA, KTZ, SFE, W&W[†], Goodman92

[*Engelmannia pinnatifida* A. Gray ex Nutt.] - GPF, W&W, E

[*Engelmannia pinnatifida* Torr. & A. Gray] - HDH

[*Silphium peristemum* Raf.] - FNA

Ericameria

(Identification sources: _____)

Ericameria discoidea (Nutt.) G. L. Nesom var. *discoidea* - KTZ, E/W

- [*Ericameria discoidea* (Nutt.) G. L. Nesom] - FNA, W&W¹
 [*Haplopappus macrostema* A. Gray] - UTF
 [*Haplopappus macrostema* A. Gray subsp. *macrostema*] - HDH
 [*Haplopappus macrostema* A. Gray var. *macrostema*] - IMF
 [*Macrorhiza discoidea* Nutt.] - SFE, W&W¹
- {*Ericameria linearifolia* (DC.) Urbatsch & Wissow} - KTZ <AZ, UT>, W&W, err. rep.
 [*Haplopappus linearifolius* DC. subsp. *interior* (Coville) H. M. Hall] - HDH, rep.
 [*Haplopappus linearifolius* DC. var. *interior* (Coville) M. E. Jones] - IMF
 [*Haplopappus linearifolius* A. Gray var. *interior* (Coville) M. E. Jones] - UTF
- Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. L. Baird subsp. *ammophila* L. C. Anderson
 [NS - it is disagreeable to mix varieties and subspecies under one species but as the species is recently published no varietal combination is available]
- Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. L. Baird var. *bigelovii* (A. Gray) G. L. Nesom & G. I. Baird - FNA
- [*Chrysanthrus nauseosus* (Pall.) Britton subsp. *bigelovii* (A. Gray) H. M. Hall & Clem.] - HDH, SFE
 [*Chrysanthrus nauseosus* (Pall. ex Pursh) Britton subsp. *bigelovii* (A. Gray) H. M. Hall & Clem.] - W&W
 [*Chrysanthrus nauseosus* (Pall.) Britton var. *bigelovii* (A. Gray) H. M. Hall] - IMF, UTF
 [*Chrysanthrus nauseosus* (Pall. ex Pursh) Britton var. *bigelovii* (A. Gray) H. M. Hall]
 [*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. *nauseosa* var. *bigelovii* (A. Gray) G. L. Nesom & G. I. Baird] - KTZ
 [*Linosyris bigelovii* A. Gray] - FNA
- Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. *glabrata* (A. Gray) G. L. Nesom & G. I. Baird - E/W
- [*Chrysanthrus nauseosus* (Pall.) Britton subsp. *graveolens* (Nutt.) Piper] - GFP, SF
 [*Chrysanthrus nauseosus* (Pall.) Britton subsp. *graveolens* (Nutt.) H. M. Hall & Clem.] - HDH
 [*Chrysanthrus nauseosus* (Pall. ex Pursh) Britton subsp. *graveolens* (Nutt.) Piper] - W&W
 [*Chrysanthrus nauseosus* (Pall.) Britton var. *graveolens* (A. Gray) Cronquist] - UTF
 [*Chrysanthrus nauseosus* (Pall.) Britton var. *graveolens* (Nutt.) H. M. Hall] - IMF
 [*Chrysanthrus nauseosus* (Pall. ex Pursh) Britton var. *graveolens* (Nutt.) H. M. Hall] - FNA
 [*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. *nauseosa* var. *graveolens* (A. Gray) G. L. Nesom & G. I. Baird] - KTZ
- Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. *hololeuca* (A. Gray) G. L. Nesom & G. I. Baird - KWA, E
- [*Bigelowia graveolens* Nutt. var. *hololeuca*] - FNA
- [*Chrysanthrus nauseosus* (Pall. ex Pursh) Britt. subsp. *gaaphalodes* (Greene) Hall] - M&H
 [*Chrysanthrus nauseosus* (Pall.) Britton subsp. *hololeuca* (A. Gray) H. M. Hall & Clem.] - SFE
 [*Chrysanthrus nauseosus* (Pall. ex Pursh) Britton subsp. *hololeuca* (A. Gray) H. M. Hall & Clem.] - W&W¹
 [*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. *nauseosa* var. *hololeuca* (A. Gray) G. L. Nesom & G. I. Baird] - KTZ
- Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. *junccea* (Greene) G. L. Nesom & G. I. Baird - PLS
- [*Chrysanthrus nauseosus* (Pall. ex Pursh) Britton var. *junccea* (Greene) H. M. Hall & Clem.]
 [*Chrysanthrus nauseosus* (Pall.) Britton var. *junccea* (Greene) H. M. Hall] - UTF, IMF
 [*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. *composita* (Greene) G. L. Nesom & G. I. Baird var. *junccea* (Greene) G. L. Nesom & G. I. Baird] - KTZ
- Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. *latisquamens* (A. Gray) G. L. Nesom & G. I. Baird
 [*Bigelowia graveolens* (Nuttall) Gray var. *appendiculata* Eastwood] - KWA
 [*Bigelowia graveolens* (Nuttall) Gray var. *latisquamens* Gray] - KWA
 [*Chrysanthrus appendiculatus* (Eastwood) Heller] - KWA
 [*Chrysanthrus latisquamens* (Gray) Greene] - KWA
 [*Chrysanthrus nauseosus* subsp. *latisquamens* (Gray) Hall & Clements] - KWA, M&H, KTZ
 [*Chrysanthrus nauseosus* var. *latisquamens* (Gray) Hall] - KTZ

- [*Ericameria nauseosus* (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. *latisquamens* (Gray) Hall] - FNA, KWA, KTZ
- Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. *leiosperma* (A. Gray) G. L. Nesom & G. I. Baird - FNA, W
- [*Bigelowia leiosperma* A. Gray in A. Gray] - FNA
- [*Chrysanthanus nauseosus* (Pall.) Britton subsp. *leiospermus* (A. Gray) H. M. Hall & Clem.] - SFW
- [*Chrysanthanus nauseosus* (Pall. ex Pursh) Britton subsp. *leiospermus* (A. Gray) H. M. Hall & Clem.] - W&W
- [*Chrysanthanus nauseosus* (Pall.) Britton var. *leiospermus* (A. Gray) H. M. Hall] - IMF, UTF
- [*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. *comimilis* (Greene) G. L. Nesom & G. I. Baird var. *leiosperma* (A. Gray) G. L. Nesom & G. I. Baird] - KTZ
- Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. *nauseosa* - Dorn01, FNA, E
- [*Chrysanthanus nauseosus* (Pall.) Britton subsp. *nauseosus*] - GPF, HDH, SFE
- [*Chrysanthanus nauseosus* (Pall. ex Pursh) Britton subsp. *nauseosus*] - W&W
- [*Chrysanthanus nauseosus* (Pall. ex Pursh) Britton var. *nauseosus*] - RMC
- [*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. *nauseosa* var. *nauseosa*] - KTZ
- Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. *oreophila* (A. Nelson) G. L. Nesom & G. I. Baird - Dorn01, E, FNA
- [*Chrysanthanus nauseosus* (Pall.) Britton subsp. *comimilis* (Greene) H. M. Hall & Clem.] - HDH, SFE
- [*Chrysanthanus nauseosus* (Pall. ex Pursh) Britton subsp. *comimilis* (Greene) H. M. Hall & Clem.] - W&W
- [*Chrysanthanus nauseosus* (Pall.) Britton var. *comimilis* (Greene) H. M. Hall] - UTF
- [*Chrysanthanus nauseosus* (Pall. ex Pursh) Britton var. *oreophilus* (A. Nelson) H. M. Hall] - RMC
- [*Chrysanthanus nauseosus* (Pall.) Britton var. *oreophilus* (A. Nelson) H. M. Hall] - IMF
- [*Chrysanthanus nauseosus* (Pall. ex Pursh) Britton subsp. *pinnifolius* (Greene) H. M. Hall & Clem.] - HDH, W&W¹
- [*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. *comimilis* (Greene) G. L. Nesom & G. I. Baird var. *oreophila* (A. Nelson) G. L. Nesom & G. I. Baird] - KTZ
- Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. *speciosa* (Nutt.) G. L. Nesom & G. I. Baird - FNA
- [*Chrysanthanus nauseosus* (Pall.) Britton subsp. *albicaulis* (Nutt.) Rydb.] - GPF
- [*Chrysanthanus nauseosus* (Pall.) Britton var. *albicaulis* (Nutt.) Rydb.] - UTF
- [*Chrysanthanus nauseosus* (Pall. ex Pursh) Britton subsp. *speciosus* (Nutt.) H. M. Hall & Clem.] - HDH, W&W, err. rep.
- [*Chrysanthanus nauseosus* (Pall.) Britton var. *speciosus* (Nutt.) H. M. Hall] - IMF
- [*Chrysanthanus speciosus* Nutt.] - FNA
- [*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. *nauseosa* var. *speciosa* (Nutt.) G. L. Nesom & G. I. Baird] - KTZ
- {*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird var. *turbinata* (M. E. Jones) G. L. Nesom & G. I. Baird}
- [*Chrysanthanus nauseosus* (Pall.) Britton var. *turbinata* (M. E. Jones) S. F. Blake] - IMF, UTF
- [*Chrysanthanus nauseosus* (Pall. ex Pursh) Britton var. *turbinata* (M. E. Jones) S. F. Blake]
- [*Ericameria nauseosa* (Pall. ex Pursh) G. L. Nesom & G. I. Baird subsp. *comimilis* (Greene) G. L. Nesom & G. I. Baird var. *turbinata* (M. E. Jones) G. L. Nesom & G. I. Baird] - KTZ
- Ericameria parryi* (A. Gray) G. L. Nesom var. *affinis* (A. Nelson) G. L. Nesom & G. I. Baird - E/W, FNA
- [*Chrysanthanus parryi* (A. Gray) Greene subsp. *affinis* (A. Nelson) L. C. Anderson] - SFI, W&W
- [*Chrysanthanus parryi* (A. Gray) Greene var. *affinis* (A. Nelson) Cronquist] - IMF
- [*Ericameria parryi* (A. Gray) G. L. Nesom & G. I. Baird var. *affinis* (A. Nelson) G. L. Nesom & G. I. Baird] - KTZ
- [*Linosyris parryi* A. Gray] - FNA
- Ericameria parryi* (A. Gray) G. L. Nesom var. *attenuata* (M. E. Jones) G. L. Nesom & G. I. Baird - FNA, KTZ
- [*Chrysanthanus parryi* (A. Gray) Greene subsp. *attenuatus* (M. E. Jones) H. M. Hall & Clem.] - HDH, W&W
- [*Chrysanthanus parryi* (A. Gray) Greene var. *attenuatus* (M. E. Jones) Kitell] - UTF
- [*Chrysanthanus parryi* (A. Gray) Greene var. *nevadensis* (A. Gray) Kitell] - IMF

- [*Ericameria parryi* (A. Gray) G. L. Nesom & G. I. Baird var. *attenuata* (M. E. Jones) G. L. Nesom & G. I. Baird] - KTZ
- Ericameria parryi* (A. Gray) G. L. Nesom var. *howardii* (Parry ex A. Gray) G. L. Nesom & G. I. Baird - Dorn01, E/W, FNA
- [*Chrysanthus parryi* (A. Gray) Greene subsp. *howardii* (Parry) H. M. Hall & Clem.] - GPF, HDH, SF!
- [*Chrysanthus parryi* (A. Gray) Greene subsp. *howardii* (Parry ex A. Gray) H. M. Hall & Clem.] - W&W
- [*Chrysanthus parryi* (A. Gray) Greene var. *howardii* (Parry ex A. Gray) Kitell] - IMF, RMC
- [*Ericameria parryi* (A. Gray) G. L. Nesom & G. I. Baird var. *howardii* (Parry ex A. Gray) G. L. Nesom & G. I. Baird] - KTZ
- Ericameria parryi* (A. Gray) G. L. Nesom var. *parryi* - Dorn01, E/W, FNA
- [*Chrysanthus parryi* (A. Gray) Greene subsp. *parryi*] - HDH, SF!, W&W
- [*Chrysanthus parryi* (A. Gray) Greene var. *parryi*] - IMF, UTF
- [*Ericameria parryi* (A. Gray) G. L. Nesom & G. I. Baird var. *howardii* (Parry ex A. Gray) G. L. Nesom & G. I. Baird] - KTZ

Erigeron

(Identification sources: _____)

- {*Erigeron acris* L. var. *acris*} - IMF (European)
- [*Erigeron acris* L. subsp. *acris* var. *acris*]
- [*Trimorpha acris* (L.) Gray] - Nesom89
- {*Erigeron acris* L. var. *asteroides* (Andrz. ex Besser) DC.] - HDH, GPF
- [NS - combination not in FNA Vol. 20]
- [*Erigeron acris* L.] - UTF
- [*Erigeron acris* L. var. *asteroides* (Andrz.) DC.] - HDH
- [*Erigeron acris* L. subsp. *politis* (Fr.) Schinz & R. Keller] - KTZ
- [*Erigeron elongatus* Ledeb.] - W&W
- [*Trimorpha acris* (L.) G. L. Nesom var. *asteroides* (Andrz. ex Besser) G. L. Nesom] - Nesom89
- [*Trimorpha elongata* (Ledeb.) Vierhapper] - W&W¹
- Erigeron acris* L. var. *kamtschaticus* (DC.) Herder - Dorn01, FNA
- [*Erigeron acris* L. var. *asteroides* (Anderz. ex Bess.) DC.] - misapp., RMC
- [*Erigeron acris* L.] - UTF
- [*Erigeron kamtschaticus* DC. [as *kamtschaticum*]] - FNA
- [*Erigeron yellowstonensis* A. Nelson] - FNA
- [*Erigeron acris* L. subsp. *kamtschaticus* (DC.) H. Hara] - KTZ
- [*Trimerpa acris* (L.) Gray var. *kamtschatica* (DC.) G. L. Nesom] - FNA, Nesom89
- {*Erigeron annuum* (L.) Pers.] - HDH, exp., KTZ <KS, NE, OK, UT>
- Erigeron aphaniactis* (A. Gray) Greene var. *aphaniactis* - FNA
- [*Erigeron concinnum* (Hook. & Arn.) Torr. & A. Gray var. *aphaniactis* A. Gray] - FNA
- Erigeron argentatus* A. Gray - FCF, KTZ <CA, NV, UT>
- Erigeron bellidiastrum* Nutt. var. *bellidiastrum* - FNA, HDH, IMF, KTZ, E
- [*Erigeron bellidiastrum* Nutt.] - Dorn01, GPF, SFE, UTF, W&W
- Erigeron bellidiastrum* Nutt. var. *robustum* Cronquist - FNA, HDH, IMF, KTZ, E
- [*Erigeron bellidiastrum* Nutt.] - GPF, SFE, UTF, W&W
- Erigeron caespitosus* Nutt. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Erigeron canus* A. Gray - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Erigeron compactus* Blake var. *consimilis* (Cronquist) Blake - Dorn01
- Erigeron compositus* Pursh - FNA, KTZ, SF!, W&W
- [*Erigeron compositus* Pursh var. *discoideus* A. Gray] - Dorn01, HDH, IMF, RMC, E/W
- [*Erigeron compositus* Pursh var. *glabratipes* Macoun] - GPF, HDH, IMF, UTF
- Erigeron concinnum* (Hook. & Arn.) Torr. & A. Gray var. *concinnum* - FNA, KTZ, W
- [*Erigeron brandegei* A. Gray] - HDH

- [*Erigeron concinna* (Hook. & Arn.) Torr. & A. Gray] - SFW, W&W¹
 [*Erigeron pumilus* Nutt. subsp. *concinnoidea* Cronquist] - HDH
 [*Erigeron pumilus* Nutt. subsp. *concinnoidea* Cronquist var. *concinna* (Hook. & Arn.) Dorn] - IMF
 [*Erigeron pumilus* Nutt. var. *concinnoidea* Cronquist] - UTF, W&W
 [*Erigeron pumilus* Nutt. var. *concinna* (Hook. & Arn.) Dorn] - Dorn²
- Erigeron concinna* (Hook. & Arn.) Torr. & A. Gray var. *subglaber* (Cronquist) G. L. Nesom
 - FNA, KTZ, W
 [*Distis concinna* Hook. & Arn.] - FNA
 [*Erigeron aphanactis* (A. Gray) Greene] - HDH
 [*Erigeron concinna* (Hook. & Arn.) Torr. & A. Gray] - SFW, W&W¹
 [*Erigeron pumilus* Nutt. subsp. *concinnoidea* Cronquist var. *subglaber* Cronquist] - IMF
- Erigeron consimilis* Cronquist - FNA, KTZ, W&W, W
 [*Erigeron compactus* S. F. Blake] - SFW, W&W
 [*Erigeron compactus* S. F. Blake var. *consimilis* (Cronquist) S. F. Blake] - IMF, UTF
- Erigeron corymbosus* Nutt. - Dorn³, FNA, KTZ
- Erigeron coulteri* Porter - FNA, HDH, IMF, KTZ, SF¹, UTF, W&W, E/W
- Erigeron divergens* Torr. & A. Gray var. *divergens* - HDH, IMF, UTF, E/W
 [*Erigeron divergens* Torr. & A. Gray] - Dorn³, GFP, KTZ, SF¹, W&W
- Erigeron eatonii* A. Gray var. *eatonii* - FNA, IMF, KTZ, W&W, E/W
 [*Erigeron eatonii* A. Gray] - Dorn³, SF¹, UTF
 [*Erigeron eatonii* A. Gray subsp. *eatonii*] - HDH
- Erigeron elatior* (A. Gray) Greene - Dorn³, FNA, HDH, IMF, KTZ, SF¹, UTF, W&W, E/W
 [*Erigeron grandifrons* Hook. var. *elatior* A. Gray] - FNA
- Erigeron engelmannii* A. Nelson var. *engelmannii* - FNA, IMF, KTZ, E/W
 [*Erigeron engelmannii* A. Nelson] - SF¹, UTF, W&W
 [*Erigeron engelmannii* A. Nelson subsp. *engelmannii*] - HDH
- Erigeron eximius* Greene - Dorn³, FNA, IMF, KTZ, SF¹, W&W, E/W
 [*Erigeron superbus* Greene ex Rydb.] - FNA, HDH, UTF, W&W, nomen nudum
 [*Erigeron formosissimus* Greene] - UTF
- Erigeron flagellaris* A. Gray - Dorn³, FNA, GFP, IMF, KTZ, SF¹, UTF, W&W, E/W
 [*Erigeron flagellaris* A. Gray forma *brevigulatus* W. A. Weber] - SEE, W&W
 [*Erigeron flagellaris* A. Gray var. *flagellaris*] - HDH
- Erigeron formosissimus* Greene var. *formosissimus* - Dorn³, FNA, GFP, HDH, W&W, E/W
 [*Erigeron formosissimus* Greene] - IMF, KTZ, SF¹, UTF
 [*Erigeron pecosensis* Standl.] - FNA
- Erigeron formosissimus* Greene var. *viscidus* (Rydb.) Cronquist - FNA, GFP, HDH, W&W, E/W
 [*Erigeron viscidus* Rydb.] - FNA
 [*Erigeron formosissimus* Greene] - KTZ, SF¹
 [*Erigeron glabellus* Nutt. var. *viscidus* (Rydb.) B. Boivin] - FNA
- Erigeron glacialis* (Nutt.) A. Nelson var. *glacialis* - FNA
 [*Aster glacialis* Nutt.] - FNA
 [*Erigeron calliantheum* Greene] - FNA
 [*Erigeron peregrinus* (Banks ex Pursh) var. *angustifolius* (A. Gray) Cronquist] - FNA
 [*Erigeron peregrinus* (Banks ex Pursh) Greene var. *callianthemoides* (Greene) Cronquist] - E/W
 [*Erigeron peregrinus* (Pursh) Greene subsp. *calliantherus* (Greene) Cronquist] - HDH
 [*Erigeron peregrinus* (Banks ex Pursh) Greene subsp. *calliantherus* (Greene) Cronquist var. *calliantherus*] - IMF, KTZ
 [*Erigeron peregrinus* (Banks ex Pursh) Greene subsp. *calliantherus* (Greene) Cronquist] - W&W
 [*Erigeron peregrinus* (Banks) Greene subsp. *calliantherus* (Greene) Cronquist] - SF¹
 [*Erigeron peregrinus* (Pursh) Greene subsp. *calliantherus* (Greene) Cronquist var. *callianthemoides*] - UTF
 [*Erigeron peregrinus* (Pursh) Greene var. *scapulosus* (Torr. & A. Gray) Cronquist] - Dorn³, FNA
 [*Erigeron salugineus* (Richards, ex R. Brown) A. Gray var. *glacialis* (Nutt.) A. Gray] - FNA
- Erigeron glabellus* Nutt. var. *glabellus* - Dorn³, FNA, IMF, KTZ, E/W
 [*Erigeron asper* Nutt.] - FNA

- [*Erigeron glabellus* Nutt.] - SF!, UTF, W&W
 [*Erigeron glabellus* Nutt. subsp. *glabellus*] - GPF, HDH
 [*Erigeron ob lanceolatus*] - FNA
- Erigeron glabellus* Nutt. var. *pubescens* Hook. - Dom01, FNA, IMF, KTZ, E/W
 [*Erigeron asper* Nutt. var. *pubescens* (Hook.) Breitung] - FNA
 [*Erigeron glabellus* Nutt.] - SF!, UTF, W&W
 [*Erigeron glabellus* Nutt. subsp. *pubescens* (Hook.) Cronquist] - FNA, GPF, HDH
- Erigeron grandiflorus* Hook. - FNA, SF!, W&W, E/W
 [*Erigeron grandiflorus* Hook. subsp. *grandiflorus*] - KTZ
- Erigeron humilis* Graham - Dom01, FNA, IMF, KTZ, SFW, UTF, W&W¹, W
 [*Erigeron unalascensis* DC.] - FNA
 [*Erigeron unalascensis* (DC.) Ostenfeld] - FNA
- Erigeron kachinensis* S. L. Welsh & Moore - FNA, IMF, KTZ, SFW, UTF, W&W, W
 [*Erigeron kachinensis* S. L. Welsh & Moore] - W&W
- Erigeron lanatus* Hook. - Dom01, FNA, KTZ, SF!, W&W, E/W
- Erigeron leiomerus* A. Gray - Dom01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Erigeron linearis* (Hook.) Piper - Dom01, FNA
- Erigeron lophophyllus* Hook. - Dom01, FNA, GPF, HDH, IMF, KTZ, UTF, W&W, E/W
 [*Trimerpha lophophylla* (Hook.) G. L. Nesom] - SF!, W&W¹; Nesom89
- [*Erigeron mancus* Rydb.] - HDH, esp., KTZ <UT>, SFW <UT, possibly CO>, W
- Erigeron melanocephalus* (A. Nelson) A. Nelson - Dom01, FNA, IMF, KTZ, UTF, E/W
 [*Erigeron melanocephalus* A. Nelson] - HDH, SF!, W&W
- Erigeron nanus* Nutt. - Dom01, FNA, KTZ
- Erigeron nematophyllum* Rydb. - Dom01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Erigeron nivalis* Nutt. - FNA; Hartman06
 [*Erigeron acris* L.] - UTF
 [*Erigeron acris* L. subsp. *acris* var. *debilis* A. Gray]
 [*Erigeron acris* L. subsp. *debilis* (A. Gray) Piper] - KTZ
 [*Erigeron acris* L. var. *debilis* A. Gray] - HDH, IMF, E/W
 [*Erigeron angulosus* Gaudin subsp. *debilis* (A. Gray) Piper] - FNA
 [*Erigeron debilis* (A. Gray) Rydb.] - FNA
 [*Erigeron elatum* (Hook.) Greene var. *bakeri* Greene] - FNA
 [*Erigeron elongatus* Ledeb.] - W&W
 [*Erigeron jacundas* Greene] - FNA
 [*Erigeron scotteri* B. Bolvin] - FNA
 [*Trimerpha acris* (L.) Gray var. *debilis* (A. Gray) G. L. Nesom] - Nesom89
 [*Trimerpha elongata* (Ledeb.) Vierhapper] - SF!, W&W¹
- Erigeron ochroleucus* Nutt. var. *ochroleucus* - Dom01, FNA, KTZ
 [*Erigeron parryi* Canby & Rose] - KTZ
 [NS - see comment in FNA 20: 293 regarding resurrection to specific status of *E. parryi* outside our range]
- Erigeron ochroleucus* Nutt. var. *scribneri* (Canby ex Rydb.) Cronq. - Dom01, KTZ
- Erigeron philadelphicus* L. var. *philadelphicus* - FNA, KTZ, E/W
 [*Erigeron fraternus* Greene]
 [*Erigeron philadelphicus* L.] - GPF, HDH, IMF, SF!, W&W
- Erigeron pinnatisectus* (A. Gray) A. Nelson - Dom01, FNA, HDH, KTZ, SF!, W&W, E/W
- Erigeron pulcherrimus* A. Heller - Dom01, FNA, IMF, KTZ, SFW, UTF, W&W, W
 [*Erigeron bistriatus* G. L. Nesom & Heywood] - FNA
 [*Erigeron pulcherrimus* A. Heller var. *wyomingia* (Rydb.) Cronquist] - FNA, GPF, HDH
- Erigeron pumilus* Nutt. var. *pumilus* - FNA, W&W, E
 [*Erigeron pumilis* Nutt.] - Dom01, GPF, SFE
 [*Erigeron pumilus* Nutt. subsp. *pumilus*] - HDH, KTZ
 [*Erigeron pumilus* Nutt. var. *pumilus*] - IMF
- Erigeron radicatus* Hook. - FNA

- [*Erigeron haberi* S. L. Welsh & N. D. Atwood] - FNA
 [*Erigeron macounii* Greene] - FNA
Erigeron simplex Greene - Dom01, IMF, KTZ, SF!, UTF, W&W, E/W
Erigeron sparsifolius Eastw. - FNA
 [*Erigeron utahensis* A. Gray var. *sparsifolius* (Eastw.) Cronquist] - HDH, IMF, KTZ, UTF, W&W, W
 [*Erigeron utahensis* A. Gray] - SFW
 [*Erigeron vivax* (A. Nelson) Rydb.] - FNA
Erigeron speciosus (Lindl.) DC. - Dom01, FNA, SF!, E/W
 [*Erigeron conspicuus* Rydb.] - FNA
 [*Erigeron macroanthus* Nutt.] - FNA
 [*Erigeron speciosus* (Lindl.) DC. var. *conspicuus* (Rydb.) Breitung] - FNA
 [*Erigeron speciosus* (Lindl.) DC. var. *macroanthus* (Nutt.) Cronquist] - GPF, HDH, IMF, KTZ, UTF, W&W
 [*Erigeron speciosus* (Lindl.) DC. var. *speciosus*] - GPF, HDH, IMF, KTZ, UTF, W&W
 [*Erigeron subtrinervis* Rydb. ex Porter subsp. *conspicuus* (Rydb.) Cronquist] - FNA
 [*Erigeron subtrinervis* Rydb. ex Porter var. *conspicuus* (Rydb.) Cronquist] - FNA
 [*Stenactis speciosissima* Lindl.] - FNA
- ◆ *Erigeron strigosus* Muhl. ex Willd. var. *strigosus* - FNA, GPF, IMF, KTZ, E
 [*Erigeron ramosus* (Walter) Britt., Sterns & Poggenburg] - FNA
 [*Erigeron ramosus* (Walter) Britt., Sterns & Poggenburg var. *beyrichii* (Fischer & C. A. Meyer) Trelease] - FNA
 [*Erigeron strigosus* (Muhl.) - UTF
 [*Erigeron strigosus* (Muhl. ex Willd.) - Dom01, HDH
 [*Erigeron strigosus* (Walter) Britt., Sterns & Poggenburg var. *beyrichii* (Fischer & C. A. Meyer) Torr. & A. Gray] - FNA
 [*Stenactis beyrichii* Fischer & C. A. Meyer] - FNA
 [*Stenactis strigosa* (Muhl.) DC.] - SFE
 [*Stenactis strigosa* (Muhl. ex Willd.) DC.] - W&W
- Erigeron subtrinervis* Rydb. ex Porter & Britton - FNA, KTZ, E/W
 [*Erigeron conspicuus* Rydb.] - KTZ
 [*Erigeron speciosus* (Lindl.) DC. var. *mollis* (A. Gray) S. L. Welsh] - UTF
 [*Erigeron subtrinervis* Rydb.] - GPF, SF!, W&W
 [*Erigeron subtrinervis* Rydb. ex Porter & Britton var. *conspicuus* (Rydb.) Cronq.] - WYchecklist
 [*Erigeron subtrinervis* Rydb. subsp. *subtrinervis*] - HDH
 [*Erigeron subtrinervis* Rydb. var. *subtrinervis*] - IMF
 [*Erigeron speciosus* var. *conspicuus* (Rydb.) Breitung] - KTZ
 [*Erigeron subtrinervis* subsp. *conspicuus* (Rydb.) Cronq.] - KTZ
- Erigeron tener* (A. Gray) A. Gray - Dom01
 [*Erigeron caespitosa* Nuttall var. *tenera* A. Gray] - FNA
- Erigeron tracyi* Greene - FNA
 [*Erigeron cinereus* A. Gray 1849 [not Hook. & Arnott 1836] - FNA
 [*Erigeron colomexicanus* A. Nelson] - KTZ, E
 [*Erigeron colo-mexicanus* A. Nelson] - SFE, W&W
 [*Erigeron commixtus* Greene] - FNA
 [*Erigeron divergens* Torr. & A. Gray var. *cineratus* A. Gray] - HDH, UTF
 [*Erigeron divergens* Torr. & A. Gray var. *cineratus* (A. Gray) A. Gray] - IMP
 [*Erigeron modestus* A. Gray] - GPF
- Erigeron uintahensis* Cronquist - FNA, HDH, IMF, KTZ, SF!, W&W, W
 [*Erigeron speciosus* (Lindl.) DC. var. *uintahensis* (Cronquist) S. L. Welsh] - UTF
- Erigeron ursinus* D. C. Eat. - Dom01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 [*Erigeron ursinus* D. C. Eat. var. *meyeriae* S. L. Welsh] - FNA
 [*Erigeron ursinus* D. C. Eat. var. *ursinus*] - UTF
- Erigeron utahensis* A. Gray - Dom01, FNA, SFW
 [*Erigeron stenophyllum* A. Gray [as *E. stenophyllum*]] - FNA
 [*Erigeron utahensis* A. Gray var. *tetrapleuris* (A. Gray) Cronquist] - FNA, HDH, W&W
 [*Erigeron utahensis* A. Gray var. *utahensis*] - IMF, KTZ, UTF, W

Erigeron vagus Payson - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Erigeron vetensis Rydb. - Dom01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W

[*Erigeron glandulosus* Porter] - FNA
[*Erigeron porteri* S. F. Blake] - FNA

Erigeron virelandii Greene - FNA, KTZ, W&W, E

[*Erigeron patens* Greene] - FNA

[*Erigeron platyphyllus* Greene] - FNA

[*Erigeron radiiflorus* Wooton & Standl.] - FNA

[*Erigeron virelandii* Rydb.] - SF!

♦ *Erigeron wilkenii* O'Kane - **ENDEMIC** <CO>, FNA, KTZ, SFW, W&W, W

[*Erigeron nematophyllus* Rydb.] - IMF

Eucephalus perelegans (A. Nelson & J. F. Machr.) W. A. Weber - FNA, SFW, W&W

[*Aster perelegans* A. Nelson & J. F. Machr.] - IMF, UTF, W

[*Eucephalus elegans* Nutt.] - Dom01, FNA, KTZ, W&W¹

[*Eucephalus perelegans* Nutt.] - W&W¹

Eucephalus engelmannii (D. C. Eaton) Greene - Dom01, FNA, KTZ, SF!, W&W

[*Aster engelmannii* (D. C. Eaton) A. Gray] - HDH, IMF, UTF, E/W

[*Aster elegans* (Nutt.) Torr. & A. Gray var. *engelmannii* D. C. Eat.] - FNA

[*Aster engelmannii* (D. C. Eat.) A. Gray] - FNA

Eupatorium (see also *Ageratina*, *Eutrochium*)

Eurybia integrifolia (Nutt.) G. L. Nesom] - FNA, KTZ <UT, WY>

[*Aster integrifolius* Nutt.] - FCF, HDH rep., KTZ, IMF, UTF, W&W, rep.

Euthamia graminifolia (L.) Nutt. - FNA, SFE, W&W

[*Euthamia graminifolia* (L.) Nutt. ex Cass. var. major (Michx.) Moldenke] - E

[*Euthamia graminifolia* (L.) Greene var. *graminifolia*] - KTZ

[*Euthamia graminifolia* (L.) Nutt. var. major (Michx.) Moldenke] - Dom01, GPF

[*Solidago graminifolia* (L.) Salisb. var. *camporum* (Greene) Fernald] - HDH

Euthamia gymnospermoides Greene - FNA, GPF, KTZ, SFE, W&W, E

[*Euthamia camporum* Greene] - FNA

[*Euthamia chrysanthoides* Greene] - FNA

[*Euthamia glutinosa* Rydb.] - FNA

[*Euthamia pulverulenta* Greene] - FNA

[*Solidago gymnospermoides* (Greene) Fernald vbar. *callosa* Harris] - FNA

[*Solidago levensis* Friesner] - FNA

Euthamia occidentalis Nutt. - FNA, GPF, IMF, KTZ, SF!, W&W, E/W

[*Euthamia californica* Gaudich.] - FNA

[*Euthamia linearifolia* Gaudich.] - FNA

[*Solidago occidentalis* (Nutt.) Torr. & A. Gray] - FNA, HDH, UTF

Eutrochium maculatum (L.) E. E. Lamont var. *bruneri* (A. Gray) E. E. Lamont - FNA

[*Eupatorialeptophyllum* maculatum (L.) King & B. L. Rob. var. *bruneri* (A. Gray) King & B. L. Rob. - Dom01

[*Eupatorium maculatum* L. - HDH, SF!, W&W

[*Eupatorium maculatum* L. subsp. *bruneri* (A. Gray) G. W. Douglas] - FNA, IMF, W&W¹

[*Eupatorium maculatum* L. var. *bruneri* (A. Gray) Breit.] - GPF, KTZ, UTF, E/W

Flaveria campestris J. R. Johnston - FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Flaveria trinervia (Sprengel) C. Hohr - FNA, KWA, M&H, W&S, KTZ

[*Flaveria repanda* Lagasca] - KWA

[*Oedera trinervia* Sprengel] - KWA, KTZ

Franseria (see *Ambrosia*)

Gaillardia X grandiflora Van Houtte - KTZ

[WI - A hybrid perennial cultivar in gardens and in revegetation projects; usually identified as *G. pulchella*, which is an annual. Seen along highways and in Louisville Open Space (CO) where it disappears after a few years (usually with *Linum perenne*).]

[*G. aristata* X *G. pulchella*] - KTZ

Gaillardia aristata Pursh - Dom01, FNA, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Gaillardia pinnatifida Torr. - FNA, HDH, IMF, SFI, UTF, W&W, E/W

[*Gaillardia gracilis* A. Nelson] - FNA

[*Gaillardia pinnatifida* Torr. var. *pinnatifida*] - KTZ

Gaillardia pulchella Foug. - FNA, GPF, HDH, SFE, W&W

[*Gaillardia pulchella* Foug. var. *pulchella*] - KTZ, E

Gaillardia spathulata A. Gray - FNA, IMF, KTZ, SFW, UTF, W&W, W

*** Galinsoga parviflora Cav. - GPF, HDH, KTZ, SFE, W&W, E**

*** Galinsoga quadriradiata Ruiz & Pav. - Dom01, FNA, GPF, KTZ, SFE, W&W, E**

[*Galinsoga ciliata* (Raf.) S. F. Blake] - HDH

Graphalium (see also *Pseudognaphalium*)

Graphalium exilifolium A. Nelson - Dom01, FNA, HDH, IMF, UTF, E/W

[*Graphalium oliginosum* L.] - GPF, HDH, IMF, misapp., KTZ, SFI, UTF, W&W

Graphalium palustre Nutt. - Dom01, FNA, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Graphalium oliginosum L. - FNA

[FNA: also in Europe but not clear whether all N. American material is introduced]

Grindelia

(Identification sources: _____)

[NS - FNA lumps some taxa typically recognized for our region under either *G. squarrosa* or especially under *G. hispida*. The latter name has not been used for our region lately. While the FNA treatment necessarily takes the continental-wide perspective and notes - probably correctly - that too many taxa have been recognized, I am hesitant to follow their treatment for our material until rigorous, population-based sampling has been carried out in our region (namely, population aggregation analysis [Davis92] or specimen aggregation analysis [Snow97, Snow05]). To their credit, Strother and Wetter in FNA 20: 432-434 explain in detail how the lumped taxa have been recognized previously. The taxonomy of *Grindelia* for the SRMR deserve a dissertation level study.]

Grindelia acutifolia Steyermark - HDH, KTZ, W&W

Grindelia aphanactis Rydb. - IMF, M&H, SFE

Grindelia arizonica A. Gray - FNA

[*Grindelia arizonica* A. Gray var. *dentata* Steyermark] - FNA

[*Grindelia arizonica* A. Gray var. *microphylla* Steyermark] - FNA

[*Grindelia arizonica* A. Gray var. *neomexicana* (Wooton & Standley) - FNA

[*Grindelia arizonica* A. Gray var. *stenosiphyla* Steyermark] - HDH, KTZ, SFW, W&W, W

[*Grindelia laciniata* Rydb.] - FNA

[*Grindelia neomexicana* Wooton & Standley] - FNA

[*Grindelia scabra* Greene var. *neomexicana* (Wooton & Standley) Steyermark] - FNA

Grindelia ciliata (Nutt.) Spreng. - FNA

[*Donia ciliata* Nutt.] - FNA

- [*Prionopsis ciliata* (Nutt.) Natt. - FNA, SF!, W&W, E/W
 [*Grindelia papposa* G. L. Nesom & Sub] - FNA, KTZ
 [*Haplopappus ciliatus* (Nutt.) DC.] - FNA, GPF, HDH
- ◆ *Grindelia decumbens* Greene var. *decumbens* - **ENDEMIC <CO>**, HDH, KTZ, W&W
 [NS - FNA does not distinguish between varieties]
 - Grindelia decumbens* Greene var. *subincisa* (Greene) Steyermark - HDH, KTZ, SFE, W&W, E
 - Grindelia fastigiata* Greene - HDH, IMF, KTZ, SFW, UTF, W&W, W
 - {*Grindelia hirsutula* Hook. & Arnott.] - FNA
 [NS - see comments above regarding level of lumping]
 - ◆ *Grindelia inornata* Greene var. *angusta* Steyermark - **ENDEMIC <CO>**, HDH, KTZ,
 [*Grindelia inornata* Greene] - W&W¹
 - ◆ *Grindelia inornata* Greene var. *inornata* - **ENDEMIC <CO>**, HDH, KTZ, E
 [*Grindelia inornata* Greene] - GPF, SFE, W&W
 - Grindelia Incinata* Rydb. - FCF, HDH, exp., KTZ <AZ, NM, UT>, W&W¹, misid.
 - Grindelia nana* Nutt. - FCF
 [NS - probably subsp. *integerima* (Rydb.) Steyermark]
 - Grindelia nuda* A. W. Wood var. *aphanactis* (Rydb.) G. L. Nesom - KTZ, E/W
 [*Grindelia aphanactis* Rydb.] - HDH, IMF, SF!, UTF, W&W
 - Grindelia nuda* A. W. Wood var. *nuda* - KTZ
 [*Grindelia squarrosa* (Pursh) Dunal var. *nuda* (A. W. Wood) A. Gray] - GPF, HDH, W&W
 - Grindelia revoluta* Steyermark - GPF, HDH, KTZ, SFE, W&W, E
 - Grindelia squarrosa* (Pursh) Dunal var. *quasiperennis* Lunell - Dom01, GPF, IMF, KTZ, SFW, W&W, W
 [Grindelia *peregrina* A. Nelson] - HDH
 - Grindelia squarrosa* (Pursh) Dunal var. *squarrosa* - Dom01, GPF, HDH, IMF, KTZ, UTF, W&W¹, E/W
 [*Grindelia squarrosa* (Pursh) Dunal] - SFE
 [*Grindelia squarrosa* (Pursh) Dunal var. *serulata* (Rydb.) Steyermark] - HDH, IMF, KTZ, SFW, UTF, W&W
 - Grindelia subalpina* Greene - Dom01, FNA, SFE, W&W, E
 [*Grindelia erecta* A. Nelson] - FNA
 [*Grindelia subalpina* Greene var. *erecta* (A. Nelson) Steyermark] - FNA, HDH, KTZ
 [*Grindelia subalpina* Greene var. *subalpina*] - HDH, KTZ
- Grossheimia (see *Centaurea*)**
- ◆ *Gutierrezia elegans* Al Schneider & P. Lyon - Schneider08
 - Gutierrezia microcephala* (DC.) A. Gray - FNA, IMF, KTZ, SFW, UTF, W&W, W
 [*Gutierrezia lucida* Greene] - HDH
 [*Gutierrezia sareothrae* (Push) Britton & Rusby var. *microcephala* (DC.) L. D. Benson] - HDH
 [*Xanthocephalus microcephalus* (DC.) Shinners] - KTZ
 - Gutierrezia sarothræa* (Push) Britton & Rusby - Dom01, FNA, GPF, KTZ, SF!, W&W, E/W
 [*Gutierrezia lepidota* Greene] - HDH
 [*Gutierrezia sareothrae* (Push) Britton & Rusby var. *sareothrae*] - HDH
 [*Xanthocephalus sareothrae* (Push) Shinners] - FNA
- Haploësthes greggii* A. Gray var. *texana* (J. M. Coulter) I. M. Johnston. - FNA, GPF, KTZ
 [*Haploësthes greggii* A. Gray] - HDH rep., W&W, W&W¹, err. rep.
 [*Haplopappus texanus* J. M. Coulter. [as *Aphlopappus*]] - FNA

Haplopappus (see *Ericameria*, *Haploësthes*, *Isocoma*, *Machaeranthera*, *Oönopsis*,
Prionopsis, *Pyrrocoma*, *Rayjacksonia*, *Solidago*, *Stenotus*, *Tonestus*; Lanc96, FNA Vol.
20)

Helelenium autumnale L. - FNA, GPF, HDH

[*Helelenium autumnale* L. var. *montatum* (Nutt.) Fernald] - Dom01, IMF, KTZ, SF1, W&W, E/W

Helelenium microcephalum DC. var. *microcephalum* - FNA, KTZ

[*Helelenium microcephalum* DC.] - SFE, W&W¹, E

Helianthella microcephala (A. Gray) A. Gray - FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
[*Encelia microcephala* A. Gray] - FNA

Helianthella parryi A. Gray - FNA, HDH, KTZ, SF1, W&W, E/W

Helianthella quinquenervis (Hook.) A. Gray - Dom01, FNA, GPF, HDH, KTZ, SF1, W&W, E/W
[*Helianthus quinquenervis* Hook.] - FNA

Helianthella uniflora (Nutt.) Torr. & A. Gray - Dom01, FNA, HDH, SF1, UTF, W&W

[*Helianthella uniflora* (Nutt.) Torr. & A. Gray var. *uniflora*] - IMF, KTZ, E/W

Helianthus

(Identification sources: _____)

Helianthus annuus L. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF1, W&W, E/W
[*Helianthus annuus* L. subsp. *leptocarpus* (Douglas) Cockerell] - UTF

⊕ **Helianthus ciliaris** DC. - FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
{*Helianthus grosseserratus* M. Martens} - KTZ <KS, NE, OK>, W&W, misid.
{*Helianthus grosse-serratus* M. Martens} - HDH, exp.

Helianthus maximilianii Schrad. - Dom01, FNA, GPF, HDH, KTZ, SFE, W&W¹, E

Helianthus nuttallii Torr. & A. Gray subsp. *nuttallii* - FNA, GPF, KTZ

[*Helianthus nuttallii* Torr. & A. Gray] - FNA, HDH, IMF, SF1, UTF, W&W, E/W

[*Helianthus nuttallii* Torr. & A. Gray subsp. *rydbergii* (Brinot) R. W. Long] - GPF, KTZ

Helianthus nuttallii Torr. & A. Gray subsp. *rydbergii* - Dom01, FNA
[*Helianthus rydbergii* Brinot] - FNA

{*Helianthus X orgyoides* Cockerell} - KTZ

{*Helianthus maximiliani* X *H. salicifolius*} - KTZ

Helianthus pauciflorus Nutt. subsp. *subrhomboideus* (Rydb.) O. Spring & E. Schilling - FNA,
KTZ

[*Helianthus pauciflorus* Nutt. subsp. *subrhomboideus* (Rydb.) Cronquist] - KTZ

[*Helianthus rigidus* (Cass.) Desf.] - HDH

[*Helianthus rigidus* (Cass.) Desf. subsp. *subrhomboideus* (Rydb.) Heiser] - GPF, W&W

[*Helianthus rigidus* (Cass.) Desf. var. *subrhomboideus* (Rydb.) Cronquist] - Dom01, E/W

[*Helianthus rigidus* (Cass.) Desf. var. *subrhomboideus* (Rydb.) Heiser] - SF

Helianthus petiolaris Nutt. var. *fallax* (Heiser) B. L. Turner

[*Helianthus petiolaris* Nutt. subsp. *fallax* Heiser] - FNA, IMF, KTZ, UTF

Helianthus petiolaris Nutt. var. *petiolaris* - E/W

[*Helianthus petiolaris* Nutt.] - Dom01, GPF, HDH, SF1, W&W

[*Helianthus petiolaris* Nutt. subsp. *petiolaris*] - FNA, IMF, KTZ

Helianthus pumilus Nutt. - FNA, GPF, HDH, KTZ, SFE, W&W, E

{*Helianthus salicifolius* A. Dietr.} - HDH rep., KTZ <KS, OK>, W&W, err. rep.

⊕ **Helianthus tuberosus** L. - FNA, GPF, HDH, IMF, KTZ, SF1, W&W, E/W

[*Helianthus tuberosus* Michx.] - FNA

[*Helianthus tuberosus* Nutt.] - UTF
[*Helianthus tuberosus* Nutt. var. *subcanescens* A. Gray] - FNA

Helioiberis longifolia (B. L. Rob. & Greenman) Cockerell var. *longifolia* - FNA
[*Gymnoloma annua* B.L. Rob. & Greenman]
[*Gymnoloma longifolia* B. L. Rob. & Greenman] - M&H
[*Gymnoloma multiflora* (Nuttall) Bentham & Hooker var. *annua* M.E. Jones]
[*Helioiberis longifolia* Robins. & Greenman] - KWA
[*Helioiberis longifolia* Cockerell] - IPNI
[*Viguiera longifolia* (B.L. Rob. & J.L. Greenman) Blake var. *annua* (M.E. Jones) Welsh] - FNA, KWA

Helioiberis multiflora Nutt. var. *multiflora* - FNA, KTZ, SF!
[*Helioiberis multiflora* Nutt.] - SF!, W&W
[*Viguiera multiflora* (Nutt.) S. F. Blake var. *multiflora*] - IMF, UTF, E/W
[*Viguiera multiflora* (Nutt.) S. F. Blake] - Dom01, HDH
Helioiberis multiflora Nutt. var. *nevadensis* (A. Nelson) Yates - FNA, KTZ, SFW
[*Helioiberis multiflora* Nutt.] - SFW, W&W
[*Viguiera multiflora* (Nutt.) S. F. Blake] - HDH
[*Viguiera multiflora* (Nutt.) S. F. Blake var. *nevadensis* (A. Nelson) S. F. Blake] - IMF, UTF, W

Heliopsis helianthoides (L.) Sweet var. *occidentalis* (T. R. Fisher) Steyermark. - KTZ
[NS - present in San Miguel Co, NM]
Heliopsis helianthoides (L.) Sweet var. *scabra* (Dunal) Fernald - FNA, GPF, SFE, W&W, E
[*Heliopsis scabra* Dunal] - HDH

Herrickia glauca (Nutt.) Brouillet var. *glauca* - FNA
[*Aster glaucodes* S. F. Blake] - IMF
[*Aster glaucodes* S. F. Blake var. *formosus* (Greene) Kittell] - HDH rep.,
[*Aster glaucodes* S. F. Blake var. *glaucodes*] - HDH, UTF, E/W
[*Eucephalus glaucus* Nutt.] - SF!, W&W
[*Eurybia glauca* (Nutt.) G. L. Nesom] - KTZ, W&W¹
Herrickia horrida Wooton & Standley - FNA, SFE, W&W, E
[*Aster horridus* (Wooton & Standley) S. F. Blake] - HDH, exp.
[*Eurybia horrida* (Wooton & Standley) G. L. Nesom] - KTZ, W&W¹

♀ *Heterosperma pinnatum* Cav. - FNA, KTZ, SFE, W&W¹, E

Heterotheca

(Identification sources: _____)

Heterotheca canescens (DC.) Shinners - FNA, KTZ <KS, NM, OK>, SFE, W&W, W&W¹, Semple96, E
[*Chrysopsis canescens* (DC.) Torr. & Gray] - GPF
Heterotheca fulcrata (Greene) Shinners var. *amplifolia* (Rydb.) Semple - FNA, KTZ, W&W¹, Semple96
[*Chrysopsis amplifolia* Rydb.] - FNA
[*Chrysopsis foliosa* Nutt.] - HDH
[*Chrysopsis foliosa* Nutt. var. *amplifolia* (Rydb.) A. Nelson] - FNA
[*Chrysopsis stithidea* Wooton & Standley] - FNA
[*Heterotheca fulcrata* (Greene) Shinners] - W&W
Heterotheca fulvina (Greene) Shinners var. *fulcrata* - FNA, KTZ, W&W¹, Semple96
[*Chrysopsis cryptocephala* Wooton & Standley] - FNA

- [*Chrysopsis elata* Osterh.] - FNA
- [*Chrysopsis fulcrata* Greene] - Dorn01, GPF, HDH
- [*Chrysopsis resinolepis* A. Nelson] - FNA
- [*Chrysopsis resinolepis* A. Nelson var. *ciliata* A. Nelson] - FNA
- [*Chrysopsis resinolepis* A. Nelson subsp. *ciliata* (A. Nelson) S. F. Blake] - FNA
- [*Heterotheca fulcrata* (Greene) Shinners] - W&W
- Heterotheca latifolia* Buckley - E
- Heterotheca pumila* (Greene) Semple - Dorn01, FNA, KTZ, SF!, W&W, E/W, Semple96
- Heterotheca stenophylla* (A. Gray) Shinners var. *angustifolia* (Rydb.) Semple - FNA, KTZ, Semple96
- [*Chrysopsis stenophylla* (A. Gray) Shinners] - GPF
- Heterotheca subaxillaris* (Lam.) Britton & Rushy - IMF, KTZ, E
- [*Heterotheca latifolia* Buckley] - GPF, SFE, W&W
- [*Heterotheca latifolia* Buckley var. *maclellanii* B. Wagenknecht]
- [*Heterotheca subaxillaris* (Lam.) Britton & Rushy subsp. *latifolia* (Buckley) Semple] - FNA
- Heterotheca villosa* (Pursh) Shinners var. *ballardii* (Rydb.) Semple - FNA
- [*Chrysopsis ballardii* Rydb.] - FNA
- Heterotheca villosa* (Pursh) Shinners var. *foliosa* (Nutt.) Harms - FNA, KTZ, UTF, W&W¹, Semple96, E
- [*Chrysopsis foliosa* Nutt.] - HDH
- [*Chrysopsis villosa* (Pursh) Nutt. var. *foliosa* (Nutt.) DC.] - GPF
- [*Heterotheca foliosa* (Nutt.) Shinners] - SFE, W&W¹
- Heterotheca villosa* (Pursh) Shinners var. *minor* (Hook.) Semple - Dorn01, FNA, KTZ, W&W¹, Semple96, E/W
- [NS - additional synonymy FNA 20: 252]
- [*Chrysopsis hispida* (Hook.) DC.] - HDH
- [*Chrysopsis villosa* (Pursh) Nutt. ex DC.] - HDH
- [*Chrysopsis villosa* (Pursh) Nutt. var. *hispida* (Hook.) A. Gray] - GPF
- [*Chrysopsis villosa* (Pursh) Nutt. ex DC. var. *hispida* (Hook.) A. Gray] - IMF
- [*Heterotheca villosa* (Pursh) Nutt.] - SF!
- [*Heterotheca villosa* (Pursh) Shinners var. *hispida* (Hook.) Harms] - UTF, W&W
- Heterotheca villosa* (Pursh) Shinners var. *nana* (A. Gray) Semple - Dorn01, FNA, KTZ, Semple96, E/W
- [*Chrysopsis canescens* (DC.) Torr. & A. Gray var. *nana* A. Gray] - FNA
- [*Chrysopsis horrida* Rydb.] - FNA
- [*Heterotheca horrida* (Rydb.) Harms] - RMC
- [*Heterotheca villosa* (Pursh) Nutt.] - SF!
- [*Heterotheca villosa* (Pursh) Shinners var. *horrida* (Hook.) Semple] - KTZ
- Heterotheca villosa* (Pursh) Shinners var. *pedunculata* (Greene) Harms ex Semple - FNA, KTZ, W&W, Semple96, E/W
- [*Chrysopsis pedunculata* Greene] - FNA
- [*Heterotheca villosa* (Pursh) Nutt.] - SF!
- Heterotheca villosa* (Pursh) Shinners var. *scabra* (Eastw.) Semple - KTZ, Semple96, E/W
- [*Heterotheca villosa* (Pursh) Nutt.] - SF!
- Heterotheca villosa* (Pursh) Shinners var. *villosa* - Dorn01, FNA, KTZ, W&W, Semple96, E/W
- [*Chrysopsis mollis* Nutt.] - FNA
- [*Chrysopsis villosa* (Pursh) Nutt. ex DC.] - HDH
- [*Chrysopsis villosa* (Pursh) Nutt. var. *villosa*] - GPF
- [*Chrysopsis viscosa* (A. Gray) Greene] - HDH, W&W¹

[*Heterotheca villosa* (Parsh) Nutt.] - SF!
Heterotheca zionensis Semple - FNA, KTZ, UTF, Semple96

- Hieracium albiflorum* Hook. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[*Chlorocepis albiflora* (Hook.) W. A. Weber] - SF!, W&W
- * *Hieracium aurantiacum* L. - Dorn01, FNA, KTZ, SFE, W&W, E
- Hieracium fendleri* Sch. Bip. var. *fendleri* - FNA, KTZ, E/W
[*Chlorocepis fendleri* (Sch. Bip.) W. A. Weber] - SF!, W&W
[*Hieracium fendleri* Sch. Bip.] - HDH, IMF, UTF
- Hieracium triste* Willd. ex Spreng. - Dorn01, FNA
[*Chlorocepis tristis* (Willd.) A. Löve & D. Löve subsp. *gracilis* (Hook.) W. A. Weber] - SFT
[*Chlorocepis tristis* (Willd. ex Spreng.) A. Löve & D. Löve subsp. *gracilis* (Hook.) W. A. Weber] - W&W
[*Hieracium gracile* Hook.] - HDH, UTF
[*Hieracium gracile* Hook. var. *deteriorum* (A. Gray) A. Gray] - KTZ
[*Hieracium gracile* Hook. var. *gracile*] - KTZ, E/W
[*Hieracium triste* Willd. ex Spreng. var. *gracile* (Hook.) A. Gray] - IMF
- Hieracium umbellatum* L. - Dorn01, FNA, GPF, KTZ
[NS - see FNA Vol. 19: 287 for additional synonymy]
[*Hieracium umbellatum* L. var. *scabriusculum* Parw.] - RMC

Hymenopappus

(Identification sources: _____)

- Hymenopappus filifolius* Hook. var. *cinerous* (Rydb.) I. M. Johnst. - FNA, GPF, IMF, KTZ, SF!,
UTF, W&W, E/W
[*Hymenopappus arenosus* A. Heller] - HDH
[*Hymenopappus cinereus* Rydb.] - HDH
[*Hymenopappus filifolius* Hook.] - HDH
{*Hymenopappus filifolius* Hook. var. *lugens* (Greene) Jeps.} - FNA, IMF, KTZ, W&W, err. rep.
[*Hymenopappus filifolius* Hook.] - HDH
[*Hymenopappus filifolius* Hook. var. *cinerous* (Rydb.) I. M. Johnst.] - UTF, W&W!
[*Hymenopappus lugens* Greene] - HDH
[*Hymenopappus filifolius* Hook. var. *lugens* (Greene) B. L. Turner]
Hymenopappus filifolius Hook. var. *luteus* (Nutt.) B. L. Turner - Dorn01, FNA, IMF, KTZ,
SFW, UTF, W&W, W
[*Hymenopappus lutes* Nutt.] - HDH
[*Hymenopappus filifolius* Hook.] - HDH
Hymenopappus filifolius Hook. var. *megacephalus* B. L. Turner - Dorn01, FNA, IMF, KTZ,
SFW, W&W, W
[*Hymenopappus filifolius* Hook.] - HDH
[*Hymenopappus filifolius* Hook. var. *cinerous* (Rydb.) I. M. Johnst.] - UTF
Hymenopappus filifolius Hook. var. *midipes* (Maguire) B. L. Turner - Dorn01, FNA
[*Hymenopappus filifolius* Hook. var. *alpestris* (Maguire) Skinner] - KTZ
♦ *Hymenopappus filifolius* Hook. var. *parvulus* (Greene) B. L. Turner - **ENDEMIC <CO>**,
FNA, KTZ, SF!, W&W, E/W
[*Hymenopappus filifolius* Hook.] - HDH
Hymenopappus filifolius Hook. var. *pauciflorus* (I. M. Johnst.) B. L. Turner - FNA, IMF, KTZ,
W&W
[*Hymenopappus filifolius* Hook.] - HDH
[*Hymenopappus filifolius* Hook. var. *cinerous* (Rydb.) I. M. Johnst.] - UTF

- Hymenopappus filifolius Hook. var. *polycephalus* (Osterh.) B. L. Turner - FNA, GPF, KTZ, SFE, W&W
 [Hymenopappus *polycephalus* Osterh.] - Dorn01, E
 [Hymenopappus *cinerous* Rydb.] - HDH
- Hymenopappus *flavescens* A. Gray var. *flavescens* - FNA, GPF, KTZ, E
 [Hymenopappus *flavescens* A. Gray] - SFE, W&W
 ♦ Hymenopappus *newberryi* (A. Gray) I. M. Johnston. - ENDEMIC <CO, NM>, FNA, KTZ, SFE, W&W, E/W
 [Leucampyx *newberryi* A. Gray] - HDH
- {Hymenopappus *scabiosaeus* L'Hér.} - W&W, err. rep.
 [Hymenopappus *corymbosus* Torr. & A. Gray] - HDH, rep.
 [Hymenopappus *scabiosaeus* L'Hér. var. *corymbosus* (Torr. & A. Gray) B. L. Turner] - KTZ <KS, NE, OK>
- Hymenopappus *tenuifolius* Pursh - FNA, GPF, HDH, KTZ, SFE, W&W, E
- Hymenoxyss (see also *Tetraneurus*)
- Hymenoxyss *brunnegeei* (Porter ex A. Gray) K. F. Parker - FNA, HDH, M&H
 [Actinea *brunnegeei* (Porter) Rydb.] - M&H
 [Actinella *brunnegeei* Porter] - M&H
 [Rybergia *brunnegeei* (Porter) Rydb.] - SFE, W&W
 [*Tetraneurus brunnegeei* (Porter ex A. Gray) Parker] - JM, KWA, KTZ, E/W
- Hymenoxyss *grandiflora* (Torr. & A. Gray) Parker - Dorn01, FNA, HDH, UTF
 [*Tetraneurus grandiflora* (Torr. & A. Gray ex A. Gray) Parker] - KTZ, E/W
 [Hymenoxyss *grandiflora* (Torr. & A. Gray ex A. Gray) Parker] - IMF
 [Rybergia *grandiflora* (Torr. & A. Gray) Greene] - SFE, W&W
- Hymenoxyss *helenioides* (Ryd.) Cockerell - FNA, HDH, IMF, KTZ, UTF
 [Hymenoxys *X helenioides* (Ryd.) Cockerell] - Andersson96, E/W
 [Hymenoxys *richardsonii* X H. hoopensis] - Andersson96
 [Pieradenia *helenioides* Rydb.] - SFE, W&W
- Hymenoxyss *hoopesii* (A. Gray) Bierner - Dorn01, FNA, KTZ, E/W
 [Dugaldia *hoopesii* (A. Gray) Rydb.] - SFE, W&W
 [Helenium *hoopesii* A. Gray] - HDH, IMF, UTF
- Hymenoxyss *odontata* DC. - FNA, GPF, HDH, KTZ, E
 [Pieradenia *odorata* (DC.) Britton] - SFE, W&W
- Hymenoxyss *richardsonii* (Hook.) Cockerell var. *floribunda* (A. Gray) Parker - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
 [Actinella *richardsonii* (Hook.) var. *floribunda* A. Gray] - FNA
 [Pieradenia *richardsonii* Hook.] - W&W
 [Pieradenia *richardsonii* Hook. subsp. *floribunda* (A. Gray) W. A. Weber] - W&W¹, SFW
 [Pieradenia *richardsonii* Hook. var. *floribunda* (A. Gray) W. A. Weber] - SFE
- Hymenoxyss *richardsonii* (Hook.) Cockerell var. *richardsonii* - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
 [Pieradenia *richardsonii* Hook.] - W&W
 [Pieradenia *richardsonii* Hook. subsp. *richardsonii*] - SFE, W&W¹
 [Pieradenia *richardsonii* Hook. var. *richardsonii*] - KTZ
- * Hypochaeris *radicata* L. - FNA, HDH, IMF, KTZ, SFE, UTF, W&W, E
- Isocoma *rushyi* Greene - KTZ, Nesom91, W
 [Haplopappus *drummondii* (Torr. & A. Gray) S. F. Blake] - HDH rep., IMF, UTF
 [Haplopappus *heterophyllus* (A. Gray) S. F. Blake] - GPF
 [Haplopappus *pluriflorus* (A. Gray) H. M. Hall] - HDH, rep.
 [Haplopappus *pluriflorus* (Torr. & A. Gray) H. M. Hall]

[*Haplopappus puschi* (Greene) Cronquist] - IMF
[*Isocoma drummondii* (Torr. & A. Gray) Greene] - SFW, W&W
[*Isocoma pluriflora* (Torr. & A. Gray) Greene] - W&W, W&W¹

Iva (see also *Cyclachaena*, *Oxytenia*)

Iva annua L. - FNA, GPF, W&W, err. rep.

[*Iva annua* L. var. *annua*] - KTZ

Iva axillaris Pursh - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

[*Iva axillaris* L.] - UTF

[*Iva axillaris* Pursh var. *axillaris*] - Dorn01

[*Iva axillaris* Pursh var. *robustior* Hook.] - Dorn01

Jacea (see *Centaurea*)

Krigia biflora (Walter) S. F. Blake - FNA, GPF, HDH, SFE, W&W

[*Krigia biflora* (Walter) S. F. Blake var. *biflora*] - KTZ, E

Kuhnia (see *Brickellia*)

⊕ *Lactuca biennis* (Moench) Fernald - Dorn01, Hartman06, FCF, FNA, GPF, IMF, KTZ, SF!, W&W, E/W

[*Lactuca spicata* (Lam.) Hitchc.] - HDH

[*Sonchus biennis* Moench] - FNA

Lactuca canadensis L.] - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W

[*Lactuca canadensis* L. var. *longifolia* (Michx.) Farw.] - E/W

Lactuca graminifolia Michx.] - FNA, HDH, SFW, W&W

[*Lactuca graminifolia* Michx. var. *graminifolia*] - W

[*Lactuca graminifolia* Michx. var. *arizonicana* McVaugh] - KTZ

Lactuca ludoviciana (Nutt.) Riddell - Dorn01, FNA, GPF, IMF, KTZ, SFE, UTF, W&W, E

[*Lactuca ludoviciana* (Nutt.) DC.] - HDH

[*Sonchus ludoviciana* Nutt.] - FNA

* *Lactuca serriola* L. - Dorn01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W

[*Lactuca serriola* L. var. *integrata* Gremier & Godron] - HDH, orthography

[*Lactuca serriola* L. var. *scariola*] - HDH, orthography

Laennecia coulteri (A. Gray) G. L. Nesom - FNA, KTZ, E/W

[*Coryza coulteri* A. Gray] - HDH, IMF, SF!, UTF, W&W

Laennecia schiedeana (Less.) G. L. Nesom - FNA, KTZ, E/W

[*Coryza schiedeana* (Less.) Cronquist] - HDH, IMF, SF!, W&W

[*Erigeron schiedeanus* Less.] - FNA

* *Lapsana communis* L. - FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Lepidotheca (see *Matricaria*)

Leucanthantha (see *Centaurea*)

Leucanthemum (see *Chrysanthemum*)

Leucelene (see *Chaetopappa*)

Leucampyx (see *Hymenopappus*)

- {*Liatris aspera* Michx.} W&W, err. rep.
[*Liatris aspera* Michx. var. *aspera*] - KTZ <KS, NE, OK>
Liatris lancifolia (Greene) Kinell - Dom01, FNA, GPF, HDH, KTZ, SFE, W&W, E
[*Laciniaria lancifolia* Greene] - FNA
[*Liatris kansansis* (Britt.) Rydb.] - FNA
Liatris ligulistylis (A. Nelson) K. Schum. - Dom01, FNA, GPF, HDH, KTZ, SFE, W&W, E/W
[*Laciniaria ligulistylis* A. Nelson] - FNA
Liatris punctata Hook. var. *punctata* - FNA, KTZ
[*Liatris punctata* Hook.] - Dom01, GPF, HDH, SFE, W&W, E/W
[*Liatris punctata* Hook. var. *nebrascana* Gaiser] - KTZ
Liatris squarrosa (L.) Michx. var. *glaberrima* (Rydb.) Gaiser - FNA, GPF, KTZ, SFE, W&W, E
[*Liatris squarrosa* (L.) Michx. var. *glaberrima* (Rydb.) F. C. Gates]
[*Liatris squarrosa* (L.) Michx.] - HDH

Leibnitzia lyrata (Schultz-Bipontinus) G. L. Nesom - Kartesz (pers. comm. 2008)
[NS - Legler (pers. comm 2009) reports 2 collections from Colfax Co., NM]

Ligularia (see *Packera*, *Senecio*)

- Logfia arvensis* (L.) Holub - Dom01, FNA
[*Filago arvensis* L.] - Dom01, KTZ

- Lorandersonia baileyi* (Wooton & Standl.) Urbatsch, R. P. Roberts & Neubig - FNA
[*Chrysanthus baileyi* Wooton & Standl.] - KTZ
[*Chrysanthus pulchellus* (A. Gray) Greene subsp. *baileyi* (Wooton & Standl.) H. M. Hall & Clem.] - KWA,
GPF, HDH, SFE, W&W
[*Chrysanthus pulchellus* (A. Gray) Greene var. *baileyi* (Wooton & Standl.) S. F. Blake] - IMF, UTF, E
Lorandersonia limifolia (Greene) Urbatsch, R. P. Roberts & Neubig - FNA
[*Chrysanthus linifolius* Greene] - Dom01, IMF, KTZ, SFW, UTF, W&W, W
[*Chrysanthus viscidiflorus* (Hook.) Nutt. subsp. *linifolius* (Greene) H. M. Hall & Clem.] - HDH
♦ *Lorandersonia microcephala* (Cronquist) Urbatsch, R. P. Roberts & Neubig - **ENDEMIC**
<CO, NM>, FNA
[*Haplopappus microcephalus* Cronquist] - KTZ
[*Tomesus microcephalus* (Cronquist) G.L. Nesom & D. Morgan] - KTZ

Lygodesmia (see also *Prenanthes*, *Shimmersoseris*)

(Identification sources: _____)

- Lygodesmia grandiflora* (Nutt.) Torr. & A. Gray var. *arizonica* (Tomb) S. L. Welsh - FNA, IMF,
UTF
[*Lygodesmia arizonica* S. Tomb] - KTZ, SFW, W&W, W
Lygodesmia grandiflora (Nutt.) Torr. & A. Gray var. *dianthopsis* (D. C. Eat.) S. L. Welsh - FNA,
IMF
[*Lygodesmia dianthopsis* D. C. Eat] - Tomb] - FNA
[*Lygodesmia juncea* (Pursh) D. Don ex Hook. var. *dianthopsis* D. C. Eat. in S. Wats.] - FNA
♦ *Lygodesmia grandiflora* (Nutt.) Torr. & A. Gray var. *doloresensis* (Tomb) S. L. Welsh - FNA,

UTF

[*Lygodesmia doloresensis* Torr.] - FNA

Lygodesmia grandiflora (Nutt.) Torr. & A. Gray var. *grandiflora* - FNA, IMF, UTF

[*Lygodesmia grandiflora* (Nutt.) Torr. & A. Gray var. *stricta* Maguire] - FNA

Lygodesmia juncea (Pursh) D. Don ex Hook. - Dorn01, FNA, IMF, KTZ, E/W

[*Lygodesmia juncea* (Pursh) Hook.] - GPF

[*Lygodesmia juncea* (Pursh) D. Don] - HDH, SF1, UTF, W&W

Machaeranthera (see also **Arida**, **Dieteria**, **Rayjacksonia**, **Xanthisma**, **Xylorhiza**)

(Identification sources: _____)

Machaeranthera canescens (Pursh) A. Gray var. *ambigua* B. L. Turner - IMF, W&W, E/W

[*Machaeranthera canescens* (Pursh) A. Gray] - GPF, SF!

[*Machaeranthera canescens* (Pursh) A. Gray subsp. *canescens* var. *ambigua* B. L. Turner] - KTZ

Machaeranthera canescens (Pursh) A. Gray var. *aristata* (Eastw.) B. L. Turner - UTF, W&W, E/W

[*Machaeranthera canescens* (Pursh) A. Gray] - GPF, SF!

[*Machaeranthera canescens* (Pursh) A. Gray subsp. *glabra* (A. Gray) B. L. Turner var. *aristata* (Eastw.) B. L. Turner] - KTZ

[*Machaeranthera rigida* Greene] - IMF

Machaeranthera canescens (Pursh) A. Gray var. *canescens* - Dorn01, IMF, UTF, W&W, E/W

[*Aster canescens* Pursh] - HDH

[*Aster rubrotinctus* S. F. Blake] - HDH

[*Machaeranthera canescens* (Pursh) A. Gray] - GPF, SF!

[*Machaeranthera canescens* (Pursh) A. Gray subsp. *canescens* var. *canescens*] - KTZ

[*Machaeranthera canescens* (Pursh) A. Gray var. *latifolia* (A. Nels.) S. L. Welsh] - UTF

[*Machaeranthera linearis* Greene] - GPF

Machaeranthera canescens (Pursh) A. Gray var. *glabra* A. Gray - Dorn01, W&W, E/W

[*Machaeranthera canescens* (Pursh) A. Gray] - GPF, SF!

[*Machaeranthera canescens* (Pursh) A. Gray subsp. *glabra* (A. Gray) B. L. Turner var. *glabra*

A. Gray] - KTZ

[*Machaeranthera linearis* Greene] - IMF

Machaeranthera gracilis (Nutt.) Shinners - KTZ, SFW, W&W, W

[*Haplopappus gracilis* (Nutt.) A. Gray] - HDH, IMF, UTF

{*Machaeranthera leucanthemifolia* (Greene) Greene} - HDH, W&W, err. rep.

[*Aster leucanthemifolius* Greene] - HDH

[*Machaeranthera canescens* (Pursh) A. Gray var. *canescens*] - W&W!

[*Machaeranthera canescens* (Pursh) A. Gray subsp. *canescens* var. *leucanthemifolia* (Greene) S. L. Welsh] - KTZ <UT>

Machaeranthera parviflora A. Gray - IMF, KTZ, SF1, UTF, W&W, E/W

[*Aster parvulus* S. F. Blake] - HDH

Machaeranthera tanacetifolia (Kunth) Nees - Dorn01, FNA, GPF, KTZ, SF1, W&W, E/W

[*Aster tanacetifolius* Kunth] - FNA, HDH

[*Machaeranthera coronopifolia* (Nutt.) A. Nelson] - KTZ

Macronema (see **Ericameria**)

⊕ *Media glomerata* Hook. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

Malacothrix sonchoides (Nutt.) Torr. & A. Gray - Dorn01, FNA, IMF, KTZ, SFW, W&W, W

[*Malacothrix sonchoides* (Nutt.) Torr. & A. Gray var. *sonchoides*] - HDH

Malacothrix torreyi A. Gray - Dorn01, FNA, IMF, KTZ, SFW, UTF, W&W, W
[*Malacothrix sonchoides* (Nutt.) Torr. & A. Gray var. *torreyi* A. Gray] - HDH

Matricaria

[NS - generic boundaries have been unstable]

Matricaria maritima L. - Dorn01

* *Matricaria matricarioides* (Less.) Portier - Dorn01, GPF, HDH, IMF, E/W

[*Chamomilla suaveolens* (Pursh) Rydb.]

[*Lepidotheca suaveolens* Nutt.] - SF!, W&W

[*Lepidotheca suaveolens* (Pursh) Nutt.] - W&W¹

[*Matricaria discidea* DC.] - FNA, KTZ

* *Matricaria perforata* Merat - KTZ, SF!, W&W, E/W

[*Matricaria inodora* L.] - HDH

[*Matricaria maritima* L.] - GPF, UTF

[*Matricaria maritima* L. var. *inodora* (L.) Soják] - IMF

[*Tripleurospermum inodorum* (L.) Sch. Bip.] - FNA

[*Tripleurospermum perforata* (Merat) M. Lainz] - KTZ

Matricaria recutita L. - Dorn01

[*Chamomilla chamomilla* (L.) Rydb.] - KTZ

[*Chamomilla reticulata* (L.) Raaschert] - KTZ

[*Matricaria chamomilla* L. 1755 & 1763, non 1753] - KTZ

[*Matricaria chamomilla* L. 1753] - FNA

[*Matricaria chamomilla* var. *coronata* (J. Gay) Coss. & Germ.] - KTZ

[*Matricaria suaveolens* L.]

{*Melampodium cinereum* DC.] - HDH, KTZ, W&W

Melampodium leucanthum Torr. & A. Gray - FNA, GPF, HDH, KTZ, SFE, W&W, E

[*Melampodium strigosum* Stuessy] - W&W

Melampodium strigosum Stuessy - FNA

Microseris nutans (Hook.) Sch. Bip. - Dorn01, FNA, GPF, IMF, KTZ, E/W

[*Microseris nutans* (Geyer) Sch. Bip.] - SF!, UTF

[*Microseris nutans* (Hook.) Sch. Bip. subsp. *nutans*]

[*Microseris nutans* (Geyer ex Hook.) Sch. Bip.] - W&W

[*Pilocalais nutans* (Geyer) Greene] - HDH

Mulgedium pulchellum (Pursh) G. Don in R. Sweet - FNA

[*Lactuca oblongifolia* Nutt. - GPF, E/W] - Dorn01

[*Lactuca pulchella* (Pursh) DC.] - HDH, IMF

[*Lactuca tatarica* (L.) C. A. Mey. var. *pulchella* (Pursh) Breitburg] - KTZ

[*Lactuca tatarica* (L.) C. A. Mey. subsp. *pulchella* (Pursh) Stebbins] - SF!, UTF, W&W

[*Sonchus pulchellus* Pursh] - FNA

Nothocalais cuspidata (Pursh) Greene - Dorn01, FNA, HDH, KTZ, SFE, W&W, E

[*Microseris cuspidata* (Pursh) Sch. Bip.] - GPF

Nothocalais nigrescens (Henderson) Heller - Dorn01

Oligoneuron (see Solidago)

Oligosporus (see Artemisia)

* *Onopordum acanthium* L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[*Onopordum acanthium* L. subsp. *acanthium*] - FNA
* *Onopordum tauricum* Willd. - GPF, FNA, HDH, KTZ, W&W, E
[*Onopordum tauricum* L.] - SFE

Oenopsis engelmannii (A. Gray) Greene - KTZ, SFE, W&W, E
[*Higlelowia engelmannii* A. Gray] - FNA

[*Haplopappus engelmannii* (A. Gray) H. M. Hall] - FNA, GPF, HDH

Oenopsis foliosa (A. Gray) Greene var. *foliosa* - FNA, KTZ, E
[*Haplopappus fremontii* A. Gray] - FNA
[*Haplopappus fremontii* A. Gray subsp. *fremontii*] - GPF, HDH
[*Oenopsis foliosa* (A. Gray) Greene] - SFE, W&W

◆ *Oenopsis foliosa* (A. Gray) Greene var. *monocephala* (A. Nelson) Kartesz & Gandhi
ENDEMIC <CO>, FNA, KTZ, E

[*Haplopappus fremontii* A. Gray subsp. *monocephala* (A. Nelson) H. M. Hall] - HDH

[*Oenopsis foliosa* (A. Gray) Greene] - SFE, W&W

[*Pyrecomia foliosa* A. Gray] - FNA

Oenopsis multicaulis (Nutt.) Greene - Dom01, FNA, KTZ
[*Oenopsis argiliacea* A. Nelson] - FNA
[*Haplopappus multicaulis* (Nutt.) Gray] - FNA
[*Sternius multicaulis* Nutt.] - FNA

◆ *Oenopsis* sp. nov., G. K. Brown & T. Evans ined. - **ENDEMIC <CO>**

Oenopsis wardii (Gray) Greene - , Dom01 FNA

[*Haplopappus fremontii* subsp. *wardii* (Gray) Hall] - FNA, KTZ

[*Haplopappus fremontii* var. *wardii* A. Gray in A. Gray et al. [*as Aplopappus fremonti* var. *wardii*]] - FNA

[*Haplopappus wardii* (Gray) Dom] - KTZ

[*Oenopsis condensata* (A. Nelson) A. Nelson] - FNA

[*Oenopsis wardii* (A. Gray) Greene var. *condensata* A. Nelson] - FNA

Oreochrysum parryi (A. Gray) Rydb.] - Dom01, FNA, KTZ, SF!, W&W
[*Haplopappus parryi* A. Gray] - HDH
[*Solidago parryi* (A. Gray) Greene] - IMF, UTF, E/W

Oxytenia acerosa Nutt. - FNA, HDH, SFW, UTF, W&W
[*Iva acerosa* (Nutt.) R. C. Jackson] - IMF, KTZ, W

Packera (see also *Senecio*)

(Identification sources: _____)

Packera cana (Hook.) W. A. Weber & A. Löve - Dom01, FNA, KTZ, SF!, W&W, E/W
[*Senecio canus* Hook.] - GPF, HDH, IMF, UTF
[*Senecio halii* var. *discoidea* W. A. Weber] - FNA
[*Senecio harbourii* Rydb.] - HDH
[*Senecio laramiensis* A. Nelson] - FNA
[*Senecio purshianus* Nutt.] - HDH

Packera crocata (Rydb.) W. A. Weber & A. Löve - Dom01, FNA, KTZ, SF!, W&W, E/W
[*Senecio aureus* L. var. *crocata* A. Gray] - FNA
[*Senecio crocatus* Rydb.] - HDH, IMF, UTF
[*Senecio pyrrochroa* Greene] - FNA
[*Senecio tracyi* Rydb.] - FNA

Packera debilis (Nutt.) W. A. Weber & A. Löve - Dom01, FNA, KTZ, SFE, W&W, Barkley99,
E

- [*Senecio debilis* Nutt.] - HDH, IMF
 [*Senecio heterodoxus* Greene ex Rydb.] - FNA
- Packera dimorphophylla* (Greene) W. A. Weber & A. Löve var. *dimorphophylla* - Dom01, FNA, KTZ, Barkley99, E/W
 [*Packera dimorphophylla* (Greene) W. A. Weber & A. Löve] - SF!, W&W¹
 [*Packera dimorphophylla* (Greene) W. A. Weber & A. Löve subsp. *dimorphophylla*] - W&W
 [*Senecio dimorphophyllus* Greene] - HDH
 [*Senecio dimorphophyllus* Greene var. *dimorphophyllus*] - IMF, UTF
- Packera dimorphophylla* (Greene) W. A. Weber & A. Löve var. *intermedia* (T. M. Barkley) D. K. Trock & T. M. Barkley - KTZ; Trock98, E/W
 [*Packera dimorphophylla* (Greene) W. A. Weber & A. Löve] - SF!
 [*Packera dimorphophylla* (Greene) W. A. Weber & A. Löve subsp. *intermedia* (T. M. Barkley) W. A. Weber & A. Löve] - W&W
 [*Senecio dimorphophyllus* Greene var. *intermedius* T. M. Barkley] - IMF, UTF
- Packera fendleri* (A. Gray) W. A. Weber & A. Löve - Dom01, FNA, KTZ, SF!, W&W, Barkley99, E/W
 [*Senecio fendleri* A. Gray] - RMC
 [*Senecio fendleri* A. Gray var. *fendleri*] - HDH
 [*Senecio fendleri* A. Gray var. *lunatus* Ostenh.] - HDH
 {*Packera hartiana* (A. Heller) W. A. Weber & A. Löve} - KTZ <AZ, NM, UT>; Barkley99
 [*Senecio hartianus* A. Heller] - IMF, W&W, misid.
- Packera multifolia* (Torr. & A. Gray ex A. Gray) W. A. Weber & A. Löve - Dom01, FNA, KTZ, W&W, Barkley99, W
 [*Packera multifolia* (Torr. & A. Gray) W. A. Weber & A. Löve] - SFW
 [*Senecio leucostachys* Greene] - FNA
 [*Senecio multiflorus* Torr. & A. Gray] - UTF
 [*Senecio multiflorus* Torr. & A. Gray ex A. Gray] - HDH, IMF, RMC
 [*Senecio nelsonii* Rydb. var. *untahensis* A. Nelson] - FNA
 [*Senecio politus* Greenman] - FNA
 [*Senecio stygius* Greene] - FNA
 [*Senecio thompsonii* Greenman] - FNA
 [*Senecio untahensis* (A. Nelson) Greenman] - HDH, FNA
- Packera neomexicana* (A. Gray) W. A. Weber & A. Löve var. *mutabilis* (Greene) W. A. Weber & A. Löve - FNA, KTZ; Barkley99, E/W
 [*Packera neomexicana* (A. Gray) W. A. Weber & A. Löve] - SF!, W&W
 [*Senecio mutabilis* Greene] - HDH
 [*Senecio neomexicanus* A. Gray] - HDH
 [*Senecio neomexicanus* A. Gray var. *metcalfei* (Greene ex Weston & Standl.) T. M. Barkley] - FNA
 [*Senecio neomexicanus* A. Gray var. *mutabilis* (Greene) T. M. Barkley] - IMF, UTF
 {*Packera obovata* (Muhl. ex Willd.) W. A. Weber & A. Löve} - KTZ <KS, OK>, W&W, Barkley99
 [*Senecio obovatus* (Muhl. ex Willd.)
Packera oides (Rydb.) W. A. Weber - SF!, W&W, E/W
 [*Senecio ooides* Rydb.] - HDH
 [*Senecio streptanthifolius* Greene var. *ooides* (Rydb.) J. F. Bain] - KTZ, Bain98
- Packera pauciflora* (Pursh) W. A. Weber & A. Löve - Dom01, FNA, KTZ, W&W, Barkley99, E
 [*Packera pauciflora* A. Löve & D. Löve] - SFE, W&W¹
 [*Senecio aureus* L. var. *discoidae* Hook.] - FNA
 [*Senecio discoidae* (Hook.) Britton] - FNA
 [*Senecio feddei* Rydb.] - HDH, rep.
 [*Senecio lembergii* Greene] - FNA
 [*Senecio pauciflorus* Pursh] - FNA
- Packera paupercula* (Michx.) W. A. Weber & A. Löve - Dom01, FNA, KTZ, W&W, Barkley99,

E

[*Packera paupercula* (Michx.) A. Löve] - SFE, W&W¹

[*Senecio flavoriens* Rydb.] - FNA

[*Senecio pauperulus* Michx.] - GPF, IMF, UTF

[*Senecio tweedyi* Rydb.] - FNA

Packera plattensis (Nutt.) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SFE, W&W,

Barkley99, E

[*Senecio plattensis* Nutt.] - GPF, HDH, IMF, RMC

[*Senecio pseudotomentosus* Mackenzie & Bush] - FNA

Packera porteri (Greene) C. Jeffrey - FNA, KTZ; Barkley99, E/W

[*Ligularia porteri* (Greene) W. A. Weber] - SFE, W&W

[*Senecio porteri* Greene] - HDH, IMF

Packera pseudaura (Rydb.) W. A. Weber & A. Löve var. *flavula* (Greene) D. K. Trock & T. M.

Barkley - FNA, KTZ, Trock98, E/W

[*Packera pseudaura* (Rydb.) W. A. Weber & A. Löve] - SF¹

[*Packera pseudaura* (Rydb.) W. A. Weber & A. Löve subsp. *flavula* (Greene) W. A. Weber & A. Löve] - W&W¹

[*Senecio flavulas* Greene] - HDH

[*Senecio pseudaura* Rydb. var. *flavulus* (Greene) Greenm.] - RMC

Packera pseudaura (Rydb.) W. A. Weber & A. Löve var. *pseudaura* - Dorn01, FNA, KTZ,

Barkley99, E/W

[*Packera pseudaura* (Rydb.) W. A. Weber & A. Löve] - SF¹

[*Packera pseudaura* (Rydb.) W. A. Weber & A. Löve subsp. *pseudaura*] - W&W

[*Senecio pseudaura* Rydb.] - HDH

[*Senecio pseudaura* Rydb. var. *pseudaura*] - GPF, IMF, RMC

Packera quadrans (Greene) W. A. Weber & A. Löve - KTZ

[*Senecio quadrans* Greene] - M&H, KWA

Packera sanguisorboides (Rydb.) W. A. Weber & A. Löve - FNA

[*Senecio sanguisorboides* Rydb.] - FNA

Packera streptanthifolia (Greene) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SFI, W&W,

Barkley99, E/W, Veldkamp08

[*Senecio cymbalariaeoides* Nutt.] - HDH

[*Senecio streptanthifolius* Greene] - HDH, IMF, UTF

[*Senecio streptanthifolius* Greene var. *borealis* (Torr. & A. Gray) J. F. Bain] - RMC; Bain88

[*Senecio streptanthifolius* Greene var. *ruficaulis* (Greene) J. F. Bain] - Dorn01; Bain88

[*Senecio streptanthifolius* Greene var. *streptanthifolius*] - Dorn01; Bain88

Packera subnuda (DC.) Trock & Barkley - Dorn01 (see also Veldkamp08 re nomenclature)

Packera tridenticulata (Rydb.) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SFI, W&W,

Barkley99, E/W

[*Senecio acutidens* Rydb.] - HDH

[*Senecio compactus* (A. Gray) Rydb.] - FNA

[*Senecio densis* Greene] - FNA

[*Senecio mutabilis* Greene] - HDH

[*Senecio obtusifolius* Rydb.] - FNA

[*Senecio tridenticulatus* Rydb.] - GPF, RMC

Packera wernerifolia (A. Gray) W. A. Weber & A. Löve - Dorn01, FNA, KTZ, SFI, W&W,

Barkley99, E/W

[*Packera wernerifolia* (A. Gray) W. A. Weber & A. Löve var. *wernerifolia*] - Dorn01

[*Packera wernerifolia* (A. Gray) W. A. Weber & A. Löve var. *alpina* (A. Gray) Dom] - Dom01

[*Senecio alpicola* Rydb.] - FNA

[*Senecio molinarius* Greene] - HDH, rep.

[*Senecio perennans* A. Nelson] - FNA

[*Senecio saxosus* Klatt] - HDH

- [*Senecio scaposus* A. Nelson] - FNA
- [*Senecio wernerifolius* (A. Gray) A. Gray] - IMF, UTF
- [*Senecio werneriaefolius* A. Gray var. *werneriaefolius*] - HDH
- [*Senecio wernerifolius* A. Gray var. *incensus* Greene] - HDH, rep.
- [*Senecio wernerifolius* (A. Gray) A. Gray var. *wernerifolius*] - UT3

Palafoxia rosea (Bush) Cory - FNA

- [*Palafoxia macrolepis* (Rydb.) Cory] - HDH
- [*Palafoxia rosea* (Bush) Cory var. *macrolepis* (Rydb.) B. L. Turner] - SFE, W&W
- [*Palafoxia rosea* (Bush) Cory var. *macrolepis* (Rydb.) B. L. Turner & M. I. Morris] - Dom01, GPF, KTZ, E
- Palafoxia sphacelata** (Nutt. ex Torr.) Cory - FNA, KTZ, W&W, E
- [*Palafoxia sphacelata* (Nutt.) Cory] - GPF, HDH, SFE
- [*Stevia sphacelata* Nutt.] - FNA

{*Parthenice mollis* A. Gray} - HDH rep., KTZ <AZ>, W&W, err. rep.

- ♦ **Parthenium alpinum** (Nutt.) Torr. & A. Gray - **ENDEMIC <CO, NM, WY>** Dom01, FNA, KTZ, E
- [*Belophytia alpina* Nutt.] - FNA, SFE, W&W
- [*Belophytia tetranervis* (Barneby) W. A. Weber] - FNA, SFE, W&W
- [*Parthenium alpinum* (Nutt.) Torr. & A. Gray var. *tetranervis* (Barneby) Rollins] - HDH
- [*Parthenium tetranervis* Barneby] - KTZ
- [RH - a tetraploid race of *Parthenium alpinum*, morphologically not distinct. Endemic if recognized.]
- Parthenium ligulatum** (M. E. Jones) Barneby - FNA, IMF, KTZ, UTF, W
- [*Belophytia ligulata* (M. E. Jones) W. A. Weber] - SFW, W&W

Pectis angustifolia Torr. var. *angustifolia* - FNA, IMF, KTZ, E/W
 [Pectis angustifolia Torr.] - Dom01, GPF, HDH, SF!, UTF, W&W

Pericome caudata A. Gray - FNA, GPF, IMF, KTZ, SFW, E/W
 [Pericome caudata A. Gray var. *caudata*] - HDH, SFE, W&W
 [Pericome caudata A. Gray var. *glandulosa* (Goodman) Harrington] - HDH, SFE, W&W

Petasites sagittatus (Banks ex Pursh) A. Gray - GPF, W&W, E/W
 [Petasites frigidus (L.) Fries var. *sagittatus* (Banks ex Pursh) Cherniawsky] - Dom01, FNA, KTZ
 [Petasites sagittatus (Banks) A. Gray] - SF!
 [Petasites sagittata (Pursh) A. Gray] - HDH

Petradoria pumila (Nutt.) Greene var. *pumila* - FNA, IMF, UTF, W
 [Petradoria pumila (Nutt.) Greene] - Dom01, SFW, W&W
 [Petradoria pumila (Nutt.) Greene subsp. *pumila*] - KTZ
 [Solidago petradoria S. F. Blake] - HDH

Picradenia (see **Hymenoxys**)

Picradeniopsis oppositifolia (Nutt.) Rydb. ex Britton - Dom01, FNA, KTZ, E
 [*Babia oppositifolia* (Nutt.) DC.] - HDH
 [*Picradeniopsis oppositifolia* (Nutt.) Rydb.] - GPF, SFE, W&W
Picradeniopsis woodhousei (A. Gray) Rydb. - FNA, GPF, KTZ, SFE, W&W, E
 [*Babia woodhousei* A. Gray] - HDH

Picrothamnus (see **Artemisia**)

- Platyschkuhria integrifolia* (A. Gray) Rydb. - Dorn01, FNA
 [*Bahia nudicaulis* Gray] - HDH, KTZ
 [*Bahia nudicaulis* A. Gray var. *desertorum* (M. E. Jones) Cronquist] - IMF
 [*Bahia nudicaulis* A. Gray var. *oblongifolia* (A. Gray) Cronquist] - IMF
 [*Platyschkuhria integrifolia* (A. Gray) Rydb. var. *desertorum* (M. E. Jones) W. Ellison] - KTZ, UTF
 [*Platyschkuhria integrifolia* (A. Gray) Rydb. var. *integrifolia*] - KTZ
 [*Platyschkuhria integrifolia* (A. Gray) Rydb. var. *oblongifolia* (A. Gray) W. Ellison - FCF, KTZ, SFW, UTF, W&W, W
 [*Bahia oblongifolia* A. Gray] - HDH, rep.
- {*Pluchea sericea* (Nutt.) Coville} - KTZ <AZ, NM, UT>, W&W, err. rep.
- Podospermum (see *Seorzonera*)**
- Prenanthes racemosa* Michx. - FNA, HDH, SF!, W&W
 [*Prenanthes racemosa* Michx. var. *multiflora* (Cronquist) Dorn] - Dorn01 [as taxon distinct from *L. juncea*]. KTZ, E/W
 [*Prenanthes racemosa* Michx. subsp. *multiflora* (Cronquist)] - GPF
 [*Prenanthes racemosa* Michx. var. *racemosa*] - KTZ <WY>, E/W
- Prenanthes exigua* (A. Gray) Rydb. - FNA, KTZ, SFW, UTF, W&W, W
 [*Lygodesmia exigua* (A. Gray) A. Gray] - IMF
 [*Lygodesmia exigua* A. Gray] - HDH
- Prionopsis (see *Grindelia*)**
- Pseudognaphalium canescens* (DC.) W. A. Weber subsp. *canescens* - FNA, KTZ, E
 [*Graphalium canescens* DC.] IMF, name applies to Mexican material
 [*Graphalium wrightii* A. Gray] - GPF, HDH, IMF, UTF
 [*Pseudographalium canescens* (DC.) W. A. Weber] - SFE, W&W
Pseudognaphalium jaliscense (Greene) Anderberg - FNA
 [*Graphalium jalicense* Greene] - FNA
Pseudognaphalium macounii (Greene) Kartesz - Dorn01, FNA
 [*Graphalium macounii* Greene] - FNA
Pseudognaphalium microcephalum (Nutt.) Anderberg - FNA
 [*Graphalium canescens* DC.] IMF, name applies to Mexican material
 [*Graphalium microcephalum* Nutt.] - UTF
 [*Graphalium microcephalum* Nutt. var. *microcephalum*] - IMF, misapp.
 [*Graphalium microcephalum* Nutt. var. *thermale* (E. E. Nelson) Cronquist] - Dorn01, IMF
 [*Graphalium wrightii* A. Gray] - GPF, HDH, IMF, UTF
 [*Pseudographalium canescens* (DC.) W. A. Weber] - SFE, W&W
 [*Pseudographalium canescens* (DC.) W. A. Weber subsp. *microcephalum* (Nutt.) Kartesz] - KTZ
 [*Pseudographalium canescens* (DC.) W. A. Weber subsp. *microcephalum* (Nutt.) Stebbins & Keil] - E
 [*Pseudographalium canescens* (DC.) W. A. Weber subsp. *thermale* (E. Nels.) Kartesz] - KTZ
- ⊕ *Pseudognaphalium stramineum* (Kunth) W. A. Weber - Dorn01, KTZ, SF!, W&W, E/W
 [NS - it is unclear whether this name is the same taxon used by Nesom in FNA Vol. 19: 418]
 [*Graphalium chilense* Sprng.] - GPF, HDH, UTF
 [*Graphalium chilense* Sprng. var. *chilense*] - BMC
 [*Graphalium stramineum* Kunth] - IMF
 [*Pseudographalium stramineum* (Kunth) Anderberg {and synonyms therein?}, FNA Vol. 19: 418] - FNA
- ⊕ *Pseudognaphalium viscosum* (Kunth) W. A. Weber - KTZ, SF!, W&W¹, E/W
 [*Graphalium racounii* Greene] - HDH, IMF

{*Gnaphalium viscosum* Kunth] - GPF, IMF, misapp., UTF
[*Pseudognaphalium macounii* (Greene) Kartesz] - KTZ

Psilocarphus brevissimus Nutt. var. *brevissimus* - FNA, KTZ

Psilocheinia (see *Crepis*)

Psilostrophe bakeri Greene - FNA, FCF, HDH, IMF, KTZ, SFW, W&W, W

Psilostrophe tagetina (Nutt.) Greene - HDH, exp., W&W out of range, W&W^d, E

[WI - roadside waif. Several visits back to original collection site yielded no additional collections]

[*Psilostrophe tagetinae* (Nutt.) Greene] - SFE

[*Psilostrophe tagetina* (Nutt.) Greene var. *tagedina*] - KTZ

Psilostrophe villosa Rydb. - FNA, SFE, exp.

[*Psilostrophe tagetina* (Nutt.) Greene var. *cerifera* (A. Nelson) B. L. Turner] - FNA

Ptilocalais (see *Microseris*)

Ptiloria (see *Stephanomeria*)

{*Pyrrhopappus grandiflorus* (Nutt.) Nutt] - GPF, KTZ <KS, NM, OK>, W&W, err.

Pyrrocoma clementis Rydb. var. *clementis* - Dorn01, FNA, KTZ, E/W

[*Haplopappus clematis* (Rydb.) S. F. Blake] - HDH, IMF, UTF

[*Pyrrocoma clementis* Rydb.] - SF!, W&W

Pyrrocoma crocea (A. Gray) Greene var. *crocea* - FNA, KTZ, E/W

[*Haplopappus croceus* A. Gray] - HDH

[*Haplopappus crocea* A. Gray subsp. *croceus*] - UTF

[*Haplopappus croceus* A. Gray var. *croceus*] - IMF

[*Pyrrocoma crocea* (A. Gray) Greene] - Dorn01, SF!, W&W

{*Pyrrocoma integrifolia* (Porter ex A. Gray) Greene] KTZ <WY>, W&W, misid.

[*Haplopappus integrifolius* A. Gray] - UTF

[*Haplopappus integrifolius* A. Gr subsp. *integrifolius*] - HDH

Pyrrocoma lanceolata (Hook.) Greene var. *lanceolata* - FNA, KTZ, E/W

[*Donia lanceolata* Hook.] - FNA

[*Haplopappus lanceolatus* (Hook.) Torr. & A. Gray] - FNA, HDH, IMF, UTF

[*Haplopappus lanceolatus* (Hook.) Torr. & A. Gray subsp. *lanceolatus*] - GPF

[*Haplopappus lanceolatus* (Hook.) Torr. & A. Gray subsp. *solidaginosa* (Greene) H. M. Hall] - FNA

[*Haplopappus lanceolatus* (Hook.) Torr. & A. Gray var. *sublanatus* Cody] - FNA

[*Haplopappus lanceolatus* (Hook.) Torr. & A. Gray subsp. *terminalis* (D. C. Eat.) A. Gray] - FNA

[*Haplopappus lanceolatus* (Hook.) Torr. & A. Gray subsp. *vaseyi* (Parry ex D. C. Eat.) H. M. Hall] - FNA

[*Haplopappus lanceolatus* (Hook.) Torr. & A. Gray var. *vaseyi* Parry ex D. C. Eat.] - FNA

[*Pyrrocoma lanceolata* (Hook.) Greene] - Dorn01, SF!, W&W

Pyrrocoma uniflora (Hook.) Greene var. *uniflora* - FNA, KTZ, E/W

[*Haplopappus contractus* H. M. Hall] - FNA

[*Haplopappus uniflorus* (Hook.) Torr. & A. Gray var. *uniflorus*] - HDH, IMF

[*Pyrrocoma uniflora* (Hook.) Greene] - Dorn01, SF!, W&W

Rafinesquia neomexicana Gray - FNA, KWA, M&H, KTZ

[*Nemoseris neomexicana* (Gray) Greene] - KWA, M&H

Ratibida columnifera (Nutt.) Wooton & Standl. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!,

UTF, W&W, E/W

- Ratibida tagetes* (E. James) Barnhart - Dorn01, FNA, GPF, HDH, KTZ, SFE, W&W, E
Rayjacksonia annua (Rydb.) R. L. Hartm. & M. A. Lane - Dorn01, FNA, KTZ, W&W¹, Lane96, E
 [Stipkopappus annuus (Rydb.) Cory] - FNA, GPF
 [Stipkopappus phyllocephalus DC. subsp. annuus (Rydb.) H. M. Hall] - HDH
Machaeranthera annua (Rydb.) Shinners - FNA
Machaeranthera phyllocephala (DC.) Shinners - SFE, W&W
Sideritis annua Rydb. - FNA
 {*Rayjacksonia phyllocephala* (DC.) R. L. Hartm. & M. A. Lane} - KTZ, W&W¹; Lane96

- Rudbeckia hirta* L. var. *pulcherrima* Farw. - Dorn01, FNA, GPF, KTZ, E/W
 [*Rudbeckia hirta* L.] - HDH, SFE, UTF, W&W
Rudbeckia laciniata L. var. *ampla* (A. Nelson) Cronquist - Dorn01, FNA, IMF, KTZ, UTF, E/W
 [*Rudbeckia ampla* A. Nelson] - SF1, W&W
 [*Rudbeckia laciniata* L.] - HDH
Rudbeckia laciniata L. var. *hortensia* Bailey - Dorn01
Rudbeckia laciniata L. var. *laciniata* - Hartman06
Rudbeckia montana A. Gray - FNA, HDH, KTZ, UTF
 [*Rudbeckia occidentalis* Nutt. var. *montana* (A. Gray) Perdue] - IMF, SFW, W&W, W
Rudbeckia occidentalis Nutt. - FNA, KTZ, UTF
 [*Rudbeckia occidentalis* Nutt. var. *occidentalis*] - IMF
Rudbeckia triloba L. var. *triloba* - GPF, KTZ, E
 [*Rudbeckia beadlei* Small] - FNA
 [*Rudbeckia triloba* L.] - SFE, UTF, W&W
 [*Rudbeckia triloba* L. var. *beadlei* (Small) Fernald] - FNA

Rydbergia (see *Tetraneuris*)

- {*Saussurea alpina* DC.} - HDH, KTZ, W&W, misapp.
Saussurea weberi Hult. - Dorn01, KTZ, SF1, W&W, E/W
 [*Saussurea densa* (Hook.) Rydb.]

- Schkuhria multiflora* Hook. & Arn. - FNA, KTZ, SFE, E
 [*Bahia neomexicana* A. Gray] - HDH, W&W

- Scabrethia scabra* (Hook.) W. A. Weber subsp. *scabra* - FNA, W&W¹
 [*Scabrethia scabra* (Hook.) W.A. Weber subsp. *canescens* (W. A. Weber) W. A. Weber] - W&W¹
 [*Wyethia scabra* Hook.] - IMF, UTF, W
 [*Wyethia scabra* Hook. subsp. *scabra*] - SFW
 [*Wyethia scabra* Hook. var. *scabra*] - HDH, KTZ, W&W
Scabrethia scabra (Hook.) W. A. Weber subsp. *canescens* (W. A. Weber) W. A. Weber - FNA
 [*Wyethia scabra* Hook. subsp. *canescens* W. A. Weber] - SFW
 [*Wyethia scabra* Hook. var. *canescens* W. A. Weber] - HDH, KTZ, W&W

- * *Scorzonera laciniata* L. - Dorn01, FNA, GPF, KTZ, E
 [*Podospermum laciniatum* (L.) DC.] - SFE, W&W

Senecio (see also *Packera*, *Ligularia*)

[NS - The generic boundaries of *Senecio* s.l. are under study [e.g., Peñalver07] and additional changes can be expected. The treatment here follows FNA]

(Identification sources: _____)

Senecio amplexens A. Gray var. *amplectens* - FNA, HDH, IMF, KTZ, UTF, E/W

[*Ligularia amplexens* (A. Gray) W. A. Weber] - SF1, W&W

Senecio amplexens A. Gray var. *holmii* (Greene) Harrington - FNA, HDH, IMF, KTZ, UTF, E/W

[*Ligularia amplexens* (A. Gray) W. A. Weber var. *holmii* (Greene) Dom] - Dom01
[*Ligularia holmii* (Greene) W. A. Weber] - SF1, W&W

Senecio atratus Greene - Dom01, FNA, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

{*Senecio bigelovii* A. Gray var. *bigelovii*} - HDH, IMF, KTZ <AZ, NM>

[*Ligularia bigelovii* (A. Gray) W. A. Weber var. *bigelovii*] - W&W, misapp.

Senecio bigelovii A. Gray var. *hallii* A. Gray - FNA, HDH, IMF, KTZ, UTF, E/W

[*Ligularia bigelovii* (A. Gray) W. A. Weber] - SF1,W

[*Ligularia bigelovii* (A. Gray) W. A. Weber var. *hallii* (A. Gray) W. A. Weber] - SFE, W&W

[*Ligularia bigelovii* (A. Gray) W. A. Weber var. *hallii* (A. Gray) Dom] - Dom01

Senecio crassulus A. Gray - FNA, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

Senecio eremophilus Richardson var. *eremophilus* - FNA, GPF, IMF, KTZ

[*Senecio eremophilus* Richardson] - Dom01, HDH, rep.

[*Senecio glaucifolius* Rydb.] - FNA

Senecio eremophilus Richardson var. *kingii* (Rydb.) Greenm. - FNA, IMF, KTZ, RMC, UTF, E/W

[*Senecio ambrosioides* Rydb.] - FNA, HDH

[*Senecio eremophilus* Richardson subsp. *kingii* (Rydb.) G. W. Douglas & G. Rayle-Douglas] - W&W

[*Senecio eremophilus* Rydb. subsp. *kingii* (Rydb.) G. W. Douglas & G. Rayle-Douglas] - SF1

[*Senecio kingii* Rydb.] - FNA

Senecio flaccidus Less. var. *flaccidus* - FNA

[*Senecio douglasii* DC. var. *jamesii* (Torr. & A. Gray) Eriiger ex Cornell & M. C. Johnston] - FNA

[*Senecio douglasii* DC. var. *longilobus* (Benth.) L. D. Benson] - FNA

[*Senecio longilobus* Benth.] - FNA

{*Senecio flaccidus* Less. var. *douglasii* (DC.) Turner & T. M. Barkley} - KTZ, W&W¹, E/W

[*Senecio douglasii* DC.] - IMF

[*Senecio douglasii* DC. subsp. *longilobus* (Benth.) W. A. Weber] - W&W², err. rep.

[*Senecio douglasii* DC. var. *longilobus* (Benth.) L. D. Benson] - GPF, UTF

[*Senecio flaccidus* Less.] - IMF

[*Senecio flaccidus* Less. subsp. *douglasii* (DC.) Turner & T. M. Barclay] - SFE

[*Senecio flaccidus* Less. subsp. *douglasii* (DC.) Turner & T. M. Barkley] - W&W

[*Senecio flaccidus* Less. var. *douglasii* (DC.) Turner & T. M. Barclay] - SFW

[*Senecio flaccidus* Less. var. *flaccidus*] - KTZ

[*Senecio longilobus* Benth.] - HDH

Senecio fremontii Torr. & A. Gray var. *blitoides* (Greene) Cronquist - Dom01, FNA, IMF, KTZ, SF1, UTF, E/W

[*Senecio carthamoides* Greene] - HDH

[*Senecio fremontii* Torr. & - FNA, Gray subsp. *blitoides* (Greene) W. A. Weber] - W&W

[*Senecio invenustus* Greene] - FNA

Senecio fremontii Torr. & A. Gray var. *fremontii* - Dom01

Senecio hydrophilus Nutt. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

Senecio integrerrimus Nutt. var. *exaltatus* (Nutt.) Cronquist - Dom01, FNA, GPF, IMF, KTZ, UTF, E/W

[*Senecio hookeri* Torr. & A. Gray] - HDH

[*Senecio integrerrimus* Nutt.] - HDH, SF1, W&W

- Senecio integrerrimus* Nutt. var. *integrerrimus* - Dorn01, FNA, GPF, IMF, KTZ, E/W
 [Senecio integrerrimus Nutt.] - HDH, SF1, W&W
- Senecio lugens* Richardson - Dorn01
- Senecio pudicus* Greene - FNA, HDH, IMF, KTZ, UTF, E/W
 [Ligularia pudica (Greene) W. A. Weber] - SF1, W&W
- Senecio rapifolius* Nutt. - Dorn01, FNA, GPF, HDH, KTZ, SFE, W&W, E
- Senecio riddellii* Torr. & A. Gray - FNA, GPF, HDH, KTZ, SFE, W&W
 [Senecio spartioides (Torr. & A. Gray) Greene ex L. O. Williams] - E
- Senecio serra* Hook. var. *admirabilis* (Greene) A. Nelson - Dorn01, FNA, IMF, KTZ, SF1, UTF, W&W, E/W
 [Senecio admirabilis Greene] - FNA
 [Senecio serra Hook.] - HDH
- Senecio serra* Hook. var. *serra* - Dorn01, FNA, KTZ, W&W, IMF
 [Senecio andreae Nutt.] - FNA
 [Senecio lancolatus Torr. & A. Gray] - FNA
 [Senecio millikenii Eastwood] - FNA
 [Senecio serra var. *altior* Jepson] - FNA, KTZ
 [Senecio serra var. *integrifolius* Gray] - KTZ
 [Senecio solidago Rydb.] - FNA
- * *Senecio soldanella* A. Gray - **ENDEMIC <CO, NM>**, FNA, HDH, KTZ, E/W
 [Ligularia soldanella (A. Gray) W. A. Weber] - SF1, W&W
- Senecio spartioides* Torr. & A. Gray var. *fremontii* (Torr. & A. Gray) Greenm. ex Wms. - Dorn01
- Senecio spartioides* Torr. & A. Gray var. *multiplicatus* (Greenm. ex Rydb.) S. L. Welsh - Dorn01, KTZ, E/W
 [Senecio multiplicatus Greene] - W&W¹
 [Senecio multiplicatus Greene] - SF1
 [Senecio multiplicatus Greenm. ex Rydb.] - HDH, W&W
 [Senecio spartioides Torr. & A. Gray var. *multiplicatus* (Greenm.) S. L. Welsh - IMF, UTF
- Senecio spartioides* Torr. & A. Gray var. *spartioides* - Dorn01, IMF, KTZ, UTF, E/W
 [Senecio spartioides Torr. & A. Gray] - GPF, HDH, SF1, W&W
- Senecio sphaerocephalus* Greene - Dorn01, FNA, HDH rep., KTZ, W&W, misid.
- * *Senecio taraxacoides* (A. Gray) Greene - **ENDEMIC <CO, NM>**, FNA, HDH, KTZ, E/W
 [Ligularia taraxacoides (A. Gray) W. A. Weber] - SF1, W&W
 [Senecio amplexaris A. Gray var. *taraxacoides* A. Gray] - FNA
- Senecio triangularis* Hook. - FNA, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
 [Senecio gibbonsii Greene] - FNA
 [Senecio triangularis var. *angustifolius* G. N. Jones] - FNA
- * *Senecio vulgaris* L. - Dorn01, FNA, GPF, HDH rep., IMF, KTZ, SF1, UTF, W&W, E/W
Senecio wootonii Greene - FNA, HDH, KTZ, SF1, W&W, E/W

Seriphidium (see *Artemisia*)

- Shinnersoseris rostrata* (A. Gray) Tomb - Dorn01, FNA, GPF, KTZ, SFE, W&W, E
 [Lygodesmia juncea (Pursh) Hook. var. *rostrata* A. Gray] - FNA
 [Lygodesmia rostrata A. Gray] - FNA, HDH

- Silphium integrifolium* Michx. var. *laeve* Torr. & A. Gray - Dorn01, FNA, GPF, KTZ, E
 [Silphium integrifolium Michx.] - HDH, SFE, W&W
 [Silphium speciosum Nutt.] - FNA
- Silphium laciniatum* L. - FNA, GPF, HDH, SFE, W&W
 [Silphium laciniatum L. var. *laciniatum*] - KTZ, E

Solidago (see also Euthamia, Oreochrysum, Petradoria)

[NS - Quadrinomials not recognized (Snow97) or listed here, e.g. S. simplex complex]

(Identification sources: _____)

Solidago canadensis L., var. *gilvacescens* Rydb. - Dorn01, GPF, HDH, IMF, KTZ

[*Doria canescens* (Rydb.) Lunell] - FNA

[*Solidago albovirens* L.] - HDH

[*Solidago albovirens* L. subsp. *gilvacescens* (Rydb.) Semple] - FNA

[*Solidago canadensis* L.] - SFT, UTF, W&W

[*Solidago canadensis* L., var. *canadensis*] - HDH

[*Solidago gilvacescens* (Rydb.) Smyth] - FNA

[*Solidago lepida* DC., var. *elongata* (Nutt.) Fernald] - HDH

[*Solidago lepida* DC., var. *fallax* Fernald] - HDH

Solidago canadensis L., var. *salebrosa* (Piper) M. E. Jones - Dorn01, GPF, IMF, KTZ

[*Solidago canadensis* L.] - W&W

[*Solidago polystachya* Rydb.] - IMF

[*Solidago sericea* Rydb.] - IMF

Solidago canadensis L., var. *scabra* Torr. & A. Gray - GPF, IMF, SFT, E/W

[*Solidago albovirens* L.] - KTZ

[*Solidago albovirens* L., var. *procera* (Aiton) Fernald] - HDH

[*Solidago canadensis* L.] - UTF, W&W

[*Solidago canadensis* L., var. *canadensis*] - HDH

[*Solidago canadensis* L., var. *scalea* (Muhl. ex Willd.) Torr. & A. Gray] -

[*Solidago lepida* DC., var. *elongata* (Nutt.) Fernald] - HDH

[*Solidago lepida* DC., var. *fallax* Fernald] - HDH

Solidago gigantea Aiton - Dorn01, FNA, IMF, KTZ, SFT, W&W¹, E/W

[NS - additional synonymy in FNA 20: 156]

[*Solidago gigantea* Aiton var. *leiophylla* Fernald] - HDH

[*Solidago gigantea* Aiton var. *serotina* (Kunze) Cronquist] - GPF

[*Solidago scottaeoides* A. Löve & D. Löve] - W&W

Solidago lepida DC. - FNA

[NS - probably overly subdivided; not recognizing subspecies and varieties as per FNA]

[*Aster lepidus* (DC.) Kunze] - FNA

[*Solidago canadensis* L., var. *leptidea* (DC.) Cronquist] - FNA

[*Solidago canadensis* L. subsp. *salebrosa* (Piper) D. D. Keck] - FNA

[*Solidago gigantea* Ait. var. *salebrosa* (Piper) Friesner] - FNA

[*Solidago lepida* (DC.) var. *salebrosa* (Piper) Semple] - FNA

[*Solidago salebrosa* (Piper) Rydb.] - FNA

[*Solidago serotina* (Ait.) var. *salebrosa* Piper] - FNA

[*Solidago sera* Rydb.] - FNA

Solidago missouriensis Nutt. var. *fasciculata* Holz. - Dorn01, KWA, JM, M&H

[NS - FNA does not subdivide this species following recent treatment of Cronquist but points out that further study of species is needed]

[*Solidago glaberrima* Martens] - KTZ, M&H

[*Solidago glaberrima* Martens var. *moritura* (Steele) Palmer & Steyermark] - KTZ

[*Solidago missouriensis* var. *glaberrima* (Martens) Rosendahl & Cronq.] - KTZ

[*Solidago tenuissima* Woot. & Standl.] - M&H

Solidago missouriensis Nutt. var. *missouriensis* - Dorn01, GPF, IMF, KTZ, E/W

[*Solidago missouriensis* Nutt.] - HDH, SFT, UTF, W&W

Solidago missouriensis Nutt. var. *tenuissima* (Wooton & Standl.) C. & J. Taylor - KTZ, E/W

[*Solidago missouriensis* Nutt.] - HDH, SFT, UTF, W&W

- [*Solidago missouriensis* Nutt. var. *extraria* A. Gray]
***Solidago mollis* Bartl.** - Dom01, FNA, GPF, HDH, SFE, UTF, W&W
 [Doria incana (Torr. & A. Gray) Lunell] - FNA
 [Doria mollis (Bartling) Lunell] - FNA
 [*Solidago incana* Torr. & A. Gray] - FNA
 [*Solidago mollis* var. *angustata* Shanes] - FNA
 [*Solidago mollis* var. *nemoralis* (Bartling) A. Gray] - FNA
 [*Solidago mollis* Bartl. var. *mollis*] - KTZ, E
***Solidago multiradiata* Aiton**] - FNA, SF!, IMF, W&W[†]
 [Aster multiradiatus (Ait.) Kuntze] - FNA
 [*Solidago algida* Piper] - FNA
 [*Solidago canescens* Piper] - FNA
 [*Solidago dilatata* A. Nelson] - FNA
 [*Solidago ciliosa* Greene] - HDH
 [*Solidago multiradiata* var. *arctica* (DC.) Fernald] - FNA
 [*Solidago multiradiata* Aiton var. *scopulorum* A. Gray] - Dom01, KTZ, UTF, W&W, E/W
 [*Solidago scopulorum* (A. Gray) A. Nelson] - FNA
 [*Solidago virgaurea* L. var. *arctica* DC.] - FNA
 [*Solidago virgaurea* L. var. *multiradiata* (Ait.) Torr. & A. Gray] - FNA
***Solidago nana* Nutt.** - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 [Aster nanus (Nutt.) Kuntze] - FNA
 [*Solidago nivea* Rydb.] - FNA
***Solidago nemoralis* Aiton** var. *longipetiolata* (Mack. & Bush) Palmer & Steyer. - Dom01, GPF,
 KTZ, W&W, E/W
 [Doria palcherrima (A. Nelson) Lunell] - FNA
 [*Solidago canadensis* L. var. *canescens* A. Gray] - FNA
 [*Solidago decemflora* DC.] - FNA
 [*Solidago longipetiolata* Mackenzie] - FNA
 [*Solidago senegalensis* Aitoni] - SF!, UTF
 [*Solidago senegalensis* Aiton subsp. *longipetiolata* (Mackenzie & Bush) G. W. Douglas] - FNA
 [*Solidago senegalensis* Aiton var. *longipetiolata* (Mackenzie & Bush) E. J. Palmer & Steyer.] - FNA
 [*Solidago senegalensis* Aiton subsp. *decemflora* (DC.) Brummitt ex Semple] - FNA
 [*Solidago pulcherrima* A. Nelson] - FNA
{*Solidago petiolaris* Aiton} - see FNA
 [*Solidago petiolaris* Aiton var. *angusta* (Torr. & A. Gray) A. Gray] - KTZ
***Solidago ptarmicoides* (Nees) B. Boivin** - FNA, GPF, E
 [NS - additional synonymy in FNA 20: 164]
 [Aster ptarmicoides (Nees) Torr. & A. Gray] - HDH
 [*Oligoneurus album* (Nutt.) G. L. Nelson] - KTZ
 [*Urania alba* (Nutt.) Rydb.] - SFE, W&W
***Solidago rigida* L.** subsp. *humilis* (Porter) S. B. Heard & Semple - FNA
 [*Solidago rigida* L. var. *rigida*] - GPF, E/W
 [*Oligoneurus bombycinum* Lunell] - FNA
 [*Oligoneurus rigidum* (L.) Small - SF!, W&W
 [*Oligoneurus rigidum* (L.) Small var. *humile* (Porter) G. L. Nelson] - KTZ
 [*Oligoneurus rigidum* (L.) Small var. *rigidum*] - KTZ <KS, NE, OK>
 [*Solidago bombycinum* (Lunell) Friesner] - FNA
 [*Solidago canescens* (Rydb.) Friesner] - FNA
 [*Solidago jacksonii* (Kuntze) Fernald var. *humilis* (Porter) Beaudry] - FNA
 [*Solidago parviflora* Beaudry] - FNA
 [*Solidago rigida* L.] - HDH
 [*Solidago rigida* L. var. *canescens* (Rydb.) Breitung] - FNA
 [*Solidago rigida* L. subsp. *humilis* (Porter) S. B. Heard & Semple] - Dom01
 [*Solidago rigida* L. var. *humilis* Porter] - Dom01, GPF
***Solidago simplex* Kunth** var. *nana* (A. Gray) G. S. Ringius - SF!, W&W[†], E/W

- [*Solidago bellidiflora* Greene] - FNA
- [*Solidago decumbens* Greene var. *decumbens*] - HDH
- [*Solidago glutinosa* Nutt.] - HDH
- [*Solidago glutinosa* Nutt. var. *nana* (A. Gray) Cronquist] - FNA
- [*Solidago humilis* Pursh var. *nana* A. Gray in A. Gray] - FNA
- [*Solidago simplex* Kunth] - RMC, Dom01
- [*Solidago simplex* Kunth subsp. *simplex* var. *nana* (A. Gray) G. S. Ringos] - FNA, IMF, KTZ
- [*Solidago spathulata* DC. var. *nana* (A. Gray) Cronquist] - UTF, W&W
- [*Solidago spathulata* Kunth var. *nana* (A. Gray) Cronquist] - W&W¹
- Solidago simplex* Kunth var. *simplex* - SF!, W&W¹, E/W
 - [*Aster longilobus* Kuntze] - FNA
 - [*Aster confertiflorus* (DC.) Kuntze] - FNA
 - [*Solidago aureola* Greene] - FNA
 - [*Solidago decumbens* Greene] - FNA
 - [*Solidago decumbens* Greene var. *oreocarpa* (Rydb.) Fernald] - FNA, HDH
 - [*Solidago multiradiata* Ait. var. *neomexicana* (A. Gray) Wooton & Standl.] - FNA
 - [*Solidago oreocarpa* Rydb.] - FNA
 - [*Solidago simplex* Kunth] - RMC
 - [*Solidago simplex* Kunth subsp. *simplex* var. *simplex*] - FNA, IMF, KTZ
 - [*Solidago spathulata* DC. var. *glutinosa* (Nutt.) D. D. Keck] - FNA
 - [*Solidago spathulata* DC. var. *neomexicana* (A. Gray) Cronquist] - UTF, W&W
 - [*Solidago vespertina* Piper] - FNA
 - [*Solidago virgaurea* L. var. *confertiflora* (DC.) Kartz] - FNA
- Solidago speciosa* Nutt. var. *pallida* Porter - Dom01, KTZ, SFE, W&W, E
 - [*Solidago pallida* (Porter) Rydb.] - HDH
 - [*Solidago speciosa* Nutt. var. *rigidiacaulis* Torr. & A. Gray] - GPF
 - [*Solidago speciosa* Nutt. subsp. *pallida* (Porter) Semple] - FNA
- Solidago velutina* DC. subsp. *sparsiflora* (A. Gray) Semple - FNA
 - [NS - more extensive synonymy in FNA 20: 160]
 - [*Solidago velutina* DC.] - Dom01, FNA, IMF, KTZ, SF!, W&W, E/W
 - [*Aster velutinus* (DC.) Kuntze] - FNA
 - [*Solidago sparsiflora* A. Gray] - GPF, HDH, UTF
- Solidago wrightii* A. Gray - FNA, SFE
 - [*Aster brittonii* Kuntze] - FNA
 - [*Solidago bigelovii* A. Gray] - FNA
 - [*Solidago bigelovii* A. Gray var. *wrightii* (A. Gray) A. Gray] - FNA
 - [*Solidago wrightii* A. Gray var. *adenophora* S. F. Blake] - KTZ, W&W, E
- * *Sonchus arvensis* L. - Dom01, SF!, UTF, W&W, E/W
 - [*Sonchus arvensis* L. subsp. *arvensis*] - FNA, GPF, KTZ
 - [*Sonchus arvensis* L. var. *arvensis*] - HDH, IMF
- * *Sonchus asper* (L.) Hill - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- * *Sonchus oleraceus* L. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- * *Sonchus uliginosus* M. Bieb. - Dom01, SF!, UTF, W&W, E/W
 - [*Sonchus arvensis* L. var. *glabrescens* Guenther, Grab. & Winnm.] - HDH, IMF
 - [*Sonchus arvensis* L. subsp. *uliginosus* (M. Bieb.) Nyman] - FNA, GPF, KTZ
 - [*Sonchus uliginosus* M. Bieb. subsp. *glabrescens* Guenther]

- Sphaeromeria argentea* Nutt. - Dom01, FNA, IMF, KTZ, SFW, W&W, W
 - [*Tanacetum austallii* Torr. & A. Gray] - HDH
- Sphaeromeria capitata* Nutt. - Dom01, FNA, IMF, KTZ, SFW, UTF, W&W, W
 - [*Tanacetum capitatum* (Nutt.) Torr. & A. Gray] - FNA
- * *Sphaeromeria simplex* (A. Nels.) Heller - Dom01, FNA, KTZ
 - [*Tanacetum simplex* A. Nels.] - KTZ

Stenactis (see *Erigeron*)

- Stenotus acaulis (Nutt.) Nutt.**] - Dorn01, FNA, KTZ
[*Chrysopsis acaulis* Nutt.] - FNA
[*Haplopappus acaulis* (Nutt.) A. Gray] - FNA, IMF
[*Haplopappus acaulis* (Nutt.) A. Gray subsp. *acaulis*] - HDH
[*Haplopappus acaulis* (Nutt.) A. Gray var. *acaulis*] - UTF
[*Haplopappus acaulis* (Nutt.) A. Gray var. *glaucus* D. C. Eaton] - UTF
[*Stenotus acaulis* Nutt.] - SFW, W&W
[*Stenotus acaulis* (Nutt.) Nutt. var. *acaulis*] - W
Stenotus armerioides Nutt. var. *armerioides* - FNA, KTZ, E/W
[*Haplopappus armerioides* (Nutt.) A. Gray] - Dorn01, GPF, HDH, RMC
[*Haplopappus armerioides* (Nutt.) A. Gray var. *armerioides*] - IMF, UTF
[*Stenotus armerioides* Nutt.] - SF1, W&W
{**Stenotus armerioides** Nutt. var. *gramineus* (S. L. Welsh & F. J. Sm.) Kartesz & Gandhi] - KTZ
 <UT>
 {*Haplopappus armerioides* (Nutt.) A. Gray var. *gramineus* S. L. Welsh & F. J. Sm.] - IMF, UTF
- Stephanomeria exigua Nutt. subsp. *exigua*** - FNA, KTZ, W
[*Stephanomeria exigua* Nutt.] - HDH, IMF, SFW, UTF, W&W
Stephanomeria pauciflora (Torr.) A. Nelson - FNA, GPF, HDH, IMF, KTZ, SF1, UTF, W&W
[*Stephanomeria pauciflora* (Torr.) A. Nelson var. *pauciflora*] - E/W
Stephanomeria runcinata Nutt. - FNA, GPF, IMF, KTZ, SF1, UTF, W&W, E/W
Stephanomeria tenuifolia (Raf.) H. M. Hall] - FNA, SFW, W&W¹
[*Piloria ramosa* Rydb.] - HDH
[*Stephanomeria minor* (Hook.) Nutt. var. *minor*] - KTZ
[*Stephanomeria tenuifolia* (Torr.) H. M. Hall] - GPF, HDH
[*Stephanomeria tenuifolia* (Torr.) H. M. Hall var. *tenuifolia*] - UTF
[*Stephanomeria tenuifolia* (Raf.) H. M. Hall var. *tenuifolia*] - IMF, KTZ, W
[*Stephanomeria wrightii* A. Gray] - W&W
{**Stephanomeria virgata** Bentham} - HDH, exp., W&W, err. rep.
 {*Stephanomeria virgata* Bentham subsp. *pleurocarpa* (Greene) Gottlieb] - KTZ

Symphyotrichum

- (Identification sources: _____)
- Symphyotrichum X *amethystinum* (Nutt.) G. L. Nesom**] - FNA, KTZ
[*Aster X amethystinus* Nutt.] - E
[*Aster ericoides* L. var. *ericoides* X *A. novae-angliae*] - KTZ
[*Symphyotrichum amethystinus* (Nutt.) G. L. Nesom] - W&W¹
[*Virgulus X amethystinus* (Nutt.) Reveal & Keener] - SFE, W&W
Symphyotrichum ascendens (Lindl.) G. L. Nesom - Dorn01, FNA, KTZ, W&W¹
[*Aster ascendens* Lindl.] - HDH, IMF, E/W
[*Aster chilensis* Nees subsp. *ascendens* (Lindl.) Cronquist] - GPF, UTF
[*Aster orthophyllum* Greene] - SFE
[*Virgulaster ascendens* (Lindl.) Semple] - SF1
[*Virgulaster ascendens* (Lindl. ex Hook.) Semple] - W&W
Symphyotrichum boreale (Torr. & A. Gray) A. Löve & D. Löve - Dom01, FNA, KTZ, W&W¹
[*Aster borealis* (Torr. & A. Gray) Prov.] - E/W
[*Aster junceiformis* Rydb.] - WY checklist
[*Aster borealis* Prov.] - IMF

- [*Aster juncifolius* Rydb.] - GPF, HDH, SF1, UTF, W&W
 [*Symphyotrichum breale* (Prov.) Löve & Löve] - Dom01
***Symphyotrichum campestre* (Nutt.) G. L. Nesom - FNA, W&W¹**
 [*Aster campestris* Nutt.] - HDH, IMF, UTF, E/W
 [*Aster bloomeri* A. Gray] - FNA
 [*Aster campestris* Nutt.] - FNA
 [*Aster campestris* Nutt. var. *bloomeri* (A. Gray) A. Gray] - FNA
 [*Aster campestris* Nutt. var. *campestris*] - RMC
 [*Symphyotrichum campestre* (Nutt.) G. L. Nesom var. *bloomeri* (A. Gray) G. L. Nesom] - FNA
 [*Symphyotrichum campestre* (Nutt.) G. L. Nesom var. *campestris*] - KTZ, W&W¹
 [*Virgulus campestris* (Nutt.) Reveal & Keener] - FNA, SF1, W&W
***Symphyotrichum ciliatum* (Ledeb.) G. L. Nesom - Dom01, FNA, KTZ**
 [*Aster brachycalyx* S. F. Blake] - GPF, HDH, IMF, UTF, E/W
 [*Brachyactis ciliata* (Ledeb.) Ledeb. subsp. *angusta* (Lindl.) A. G. Jones]
 [*Brachyactis ciliata* Ledeb. subsp. *angusta* (Lindl.) A. G. Jones] - SF1, W&W
 [*Eriigeron ciliatus* Ledeb.] - FNA
***Symphyotrichum ciliolatum* (Lindl.) Å. Löve - FNA**
 [*Aster ciliolatus* Lindl.] - FNA
 [*Aster ciliolatus* Lindl. var. *comatus* (Fernald) A. G. Jones] - FNA
 [*Aster lindleyanus* Torr. & A. Gray] - FNA
 [*Aster wilsonii* Rydb.] - FNA
***Symphyotrichum catenii* (A. Gray) G. L. Nesom - Dom01, FNA, KTZ**
 [*Aster bracteolatus* Nutt.] - SFW, W&W, W
 [*Aster catenii* (A. Gray) Howell] - HDH, as synonym of *A. oregonus*, GPF, IMF, UTF
 [*Aster oregonus* (Nutt.) Torr. & A. Gray - JM, M&H, HDH, W&W, err. Rep.
 [*Symphyotrichum bracteolatum* (Nutt.) G. L. Nesom] - W&W¹
***Symphyotrichum ericoides* (L.) G. L. Nesom var. *ericoides* - FNA, KTZ**
 [*Aster ericoides* L. var. *ericoides*] - E/W
 [*Aster ericoides* L.] - FNA, GPF, HDH, IMF
 [*Symphyotrichum ericoides* (L.) G. L. Nesom] - FNA, W&W¹
 [*Virgulus ericoides* (L.) Reveal & Keener] - FNA, SF1, W&W
***Symphyotrichum ericoides* (L.) G. L. Nesom var. *pansus* (S. F. Blake) G. L. Nesom - FNA,
 KTZ**
 [*Aster ericoides* L. var. *pansus* (S. F. Blake) B. Boivin] - E/W
 [*Aster ericoides* L. subsp. *pansus* (S. F. Blake) A. G. Jones var. *pansus*]
 [*Aster ericoides* L. subsp. *pansus* (S. F. Blake) A. G. Jones var. *stricticaulis* (Torr. & A. Gray) F. C. Gates]
 [*Aster ericoides* L. var. *stricticaulis* (Torr. & A. Gray) F. C. Gates] - RMC
 [*Aster pansus* (S. F. Blake) Cronquist] - GPF, IMF, UTF
 [*Symphyotrichum ericoides* (L.) G. L. Nesom] - W&W¹
 [*Symphyotrichum ericoides* (L.) G. L. Nesom var. *stricticaulis* (Torr. & A. Gray) G. L. Nesom] - KTZ
 [*Virgulus ericoides* (L.) Reveal & Keener] - SF1, W&W
***Symphyotrichum ericoides* (L.) G. L. Nesom var. *stricticaulis* (Torr. & A. Gray) G. L. Nesom -
 Dom01, FNA**
***Symphyotrichum falcatum* (Lindl.) G. L. Nesom var. *crassulum* (Rydb.) G. L. Nesom - Dom01,
 KTZ**
 [*Aster commutatus* (Torr. & A. Gray) A. Gray] - GPF
 [*Aster commutatus* (Torr. & A. Gray) A. Gray var. *commutatus*] - HDH
 [*Aster commutatus* (Torr. & A. Gray) A. Gray var. *crassulus* (Rydb.) S. F. Blake] - HDH
 [*Aster commutatus* (Torr. & A. Gray) A. Gray var. *polycephalus* (Rydb.) S. F. Blake] - HDH
 [*Aster falcatus* Lindl.] - UTF
 [*Aster falcatus* Lindl. subsp. *commutatus* (Torr. & A. Gray) A. G. Jones var. *commutatus*] - FNA
 [*Aster falcatus* Lindl. subsp. *commutatus* (Torr. & A. Gray) A. G. Jones var. *crassulus* (Rydb.) Cronquist] -
 FNA
 [*Aster falcatus* Lindl. var. *commutatus* (Torr. & A. Gray) A. G. Jones] - IMF, E/W
 [*Aster falcatus* Lindl. var. *crassulus* (Rydb.) Cronquist] - IMF, RMC

- [*Symphytrichum falcatum* (Lindl.) G. L. Nesom] - W&W¹
- [*Symphytrichum falcatum* (Lindl.) G. L. Nesom var. *commutatum* (Torr. & A. Gray) G. L. Nesom] - KTZ
- [*Virgulus falcatus* (Lindl.) Reveal & Keener] - SF!, W&W
- Symphytrichum falcatum* (Lindl.) G. L. Nesom - Dom01, FNA, W&W¹
- [*Aster falcatus* Lindl.] - GFP, HDH, UTF
- [*Aster falcatus* Lindl. var. *falcatus*] - IMF, E/W
- [*Symphytrichum falcatum* (Lindl.) G. L. Nesom var. *falcatum*] - KTZ
- [*Virgulus falcatus* (Lindl.) Reveal & Keener] - SF!, W&W
- Symphytrichum fendleri* (A. Gray) G. L. Nesom - FNA, KTZ
- [*Aster fendleri* A. Gray] - FNA, GFP, HDH, E
- [*Virgulus fendleri* (A. Gray) Reveal & Keener] - FNA, SFE, W&W
- Symphytrichum foliaceum* (DC.) G. L. Nesom var. *apricum* (A. Gray) G. L. Nesom - Dom01, FNA, KTZ
- [*Aster foliaceus* Lindl.] - SF!
- [*Aster foliaceus* Lindl. ex DC. var. *apricus* A. Gray] - E/W
- [*Aster foliaceus* Lindl. var. *apricus* A. Gray] - HDH, IMF, UTF
- [*Aster foliaceus* Lindl. ex DC. var. *foliaceus*] - W&W
- [*Symphytrichum foliaceum* (DC.) G. L. Nesom] - W&W¹
- Symphytrichum foliaceum* (DC.) G. L. Nesom var. *canbyi* (A. Gray) G. L. Nesom - Dom01, FNA, KTZ
- [*Aster foliaceus* Lindl.] - SF!
- [*Aster foliaceus* Lindl. ex DC. var. *canbyi* A. Gray] - E/W
- [*Aster foliaceus* Lindl. var. *canbyi* A. Gray] - HDH, IMF, UTF
- [*Aster foliaceus* Lindl. ex DC. var. *foliaceus*] - W&W
- [*Symphytrichum foliaceum* (DC.) G. L. Nesom] - W&W¹
- Symphytrichum foliaceum* (DC.) G. L. Nesom var. *parryi* (D. C. Eat.) G. L. Nesom - Dom01, KTZ
- [*Aster foliaceus* Lindl.] - SF!
- [*Aster foliaceus* Lindl. ex DC. var. *parryi* (D. C. Eaton) A. Gray] - E/W
- [*Aster foliaceus* Lindl. var. *parryi* (D. C. Eaton) A. Gray] - FNA, IMF, UTF
- [*Aster foliaceus* Lindl. var. *frondeus* A. Gray] - HDH
- [*Aster foliaceus* Lindl. ex DC. var. *foliaceus*] - W&W
- [*Symphytrichum foliaceum* (DC.) G. L. Nesom] - W&W¹
- Symphytrichum frondosum* (Nutt.) G. L. Nesom - Dom01, FNA, KTZ
- [*Aster frondosus* (Nutt.) Torr. & A. Gray] - HDH, IMF, UTF, E/W
- [*Brachyactis frondosa* (Nutt.) A. Gray] - SF!, W&W
- Symphytrichum laeve* (L.) A. Löve & D. Löve var. *laeve* - FNA, W&W¹, err. rep.
- [*Aster laevis* L.] - UTF
- [*Aster laevis* L. var. *laevis*] - FCF
- Symphytrichum laeve* (L.) A. Löve & D. Löve var. *geyeri* (A. Gray) G. L. Nesom - FNA, KTZ, W&W¹
- [*Aster laevis* L.] - UTF
- [*Aster laevis* L. var. *geyeri* A. Gray] - GFP, HDH, IMF, SF!, W&W, E/W
- [*Symphytrichum laeve* (L.) A. Löve & D. Löve]
- Symphytrichum lanceolatum* (Willd.) G. L. Nesom var. *hesperium* (A. Gray) G. L. Nesom - Dom01, FNA
- [*Aster hesperius* A. Gray] - IMF, UTF
- [*Aster lanceolatus* Willd. subsp. *hesperius* (A. Gray) Semple & Chmeli.] - SF!, W&W, E/W
- [*Aster hesperius* A. Gray var. *hesperius*] - HDH
- [*Aster hesperius* A. Gray var. *laetevirens* (Greene) Cronquist] - GFP, HDH
- [*Symphytrichum lanceolatum* (Willd.) G. L. Nesom] - W&W¹
- [*Symphytrichum lanceolatum* (Willd.) G. L. Nesom subsp. *hesperium* (A. Gray) G. L. Nesom var. *hesperium* (A. Gray) G. L. Nesom] - KTZ
- Symphytrichum molle* (Rydberg) G. L. Nesom - Dom01, FNA

- [*Aster mollis* Rydb.] - FNA
Sympyotrichum novae-angliae (L.) G. L. Nesom - Dorn01, FNA, KTZ, W&W¹
 [Aster novae-angliae L.] - FNA, GPF, HDH, IMF, UTF, E
 [Sympyotrichum foliacium (DC.) G. L. Nesom] - W&W¹
 [Virgulus novae-angliae (L.) Reveal & Keener] - FNA, SFE, W&W
Sympyotrichum oblongifolium (Nutt.) G. L. Nesom - Dorn01, FNA, KTZ, W&W¹
 [Aster kamtei Fr.] - HDH
 [Aster oblongifolius Nutt.] - E
 [Aster oblongifolius Nutt. var. oblongifolius] - GPF
 [Virgulus oblongifolius (Nutt.) Reveal & Keener] - FNA, SFE, W&W
 - * **Sympyotrichum porteri** (A. Gray) G. L. Nesom - ENDEMIC<CO, NM, WY>, Dorn01, FNA, KTZ, W&W¹

[Aster ericoides L. var. strictus Porter] - HDH, W&W, misapp.
 [Aster porteri A. Gray - HDH, SFE, W&W, E

Sympyotrichum spathulatum (Lindl.) G. L. Nesom var. spathulatum - KTZ
 [Aster occidentalis (Nutt.) Torr. & A. Gray] - UTP
 [Aster occidentalis (Nutt.) Torr. & A. Gray var. fremontii (Torr. & A. Gray) A. G. Jones] - E/W
 [Aster occidentalis (Nutt.) Torr. & A. Gray var. occidentalis] - HDH, E/W
 [Aster spathulatus Lindl.] - SP!
 [Aster spathulatus Lindl. ex DC.] - W&W
 [Aster spathulatus Lindl. var. spathulatus] - IMF
 [Sympyotrichum spathulatum (Lindl.) G. L. Nesom] - W&W¹

Tagetes micrantha Cavanilles - FNA, KWA, KTZ, M&H
 [Tagetes fragrantissima Sessé & Moç.] - KTZ
Tagetes patula L. - Dorn01

Tanacetum (see also **Chrysanthemum**, **Sphaeromeria**)

 - * **Tanacetum balsamita** L. - Dorn01, FNA, IMF
 [Balsamita major Desf.] - FNA, KTZ, W&W
 [Chrysanthemum balsamita L.] - GPF, HDH
 [Chrysanthemum balsanita (L.) Baillen] - FNA
 [Chrysanthemum balsanita (L.) Baillen var. tanacetoides Boisser] - FNA
 [Pyrethrum major (Desf.) Tzvelov] - FNA
 - * **Tanacetum parthenium** (L.) Sch. Bip. - Dorn01, FNA, IMF, KTZ, W&W
 [Chrysanthemum parthenium (L.) Bernh.] - GPF, UTP
 - * **Tanacetum vulgare** L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Taraxacum ceratophorum (Ledeb.) DC. - Dorn01, FNA, HDH, IMF, UTF, W&W¹, misid., E/W
 [NS - see FNA Vo. 19: 247 for additional synonymy]
 [Taraxacum dipterorum Greene] - W&W
 [Taraxacum officinale Weber ex F. H. Wigg. subsp. ceratophorum (Ledeb.) Schinz ex Thell.] - KTZ
 [Taraxacum ovatum Greene] - W&W
 [Taraxacum ovatum Rydb.] - SF!

Taraxacum eriophorum Rydb. - Dorn01, HDH, KTZ, SF!, W&W, E/W

Taraxacum erythrospermum Andr. ex Besser - FNA, HDH
 [Taraxacum laevigatum (Willd.) DC. var. erythrospermum (Andr. ex Besser) J. Weiss] - FNA
 [Taraxacum officinale F. H. Wiggers var. erythrospermum (Andr. ex Besser) Babington] - FNA
 [Taraxacum scandinicum Dahlstedt] - FNA

 - * **Taraxacum laevigatum** (Willd.) DC. - Dorn01, GPF, IMF, KTZ, UTF, E/W
 [Taraxacum officinale Weber] - SF!

Taraxacum lyratum (Ledeb.) DC. - HDH, IMF, KTZ, UTF, W&W, misapp., E/W
 [Taraxacum phymatocarpum J. Vahl] - W&W, W&W¹, misid.

- * *Taraxacum officinale* Weber ex F. H. Wigg. - Dom01, FNA, IMF, UTF, W&W, E/W
 - [*Taraxacum officinale* Weber] - GPF, SF!
 - [*Taraxacum officinale* F. H. Wigg.] - HDH!
 - [*Taraxacum officinale* Weber ex F. H. Wigg. subsp. *officinale*] - KTZ
- Taraxacum scopolorum* (A. Gray) Rydb. - Dom01, SFI, W&W
 - [*Taraxacum officinale* F. H. Wigg. var. *scopolorum* A. Gray in A. Gray] - FNA
 - [*Leontodon scopolorum* (A. Gray) Rydb.] - FNA
- * *Taraxacum vulgare* Lam.
 - [*Taraxacum officinale* Weber ex F. H. Wigg. subsp. *vulgare* (Lam.) Schinz & R. Keller] -
 - [*Taraxacum officinale* Weber ex F. H. Wigg. subsp. *officinale*] - KTZ

Tetradymia canescens DC. - Dom01, FNA, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

- {*Tetradymia glaberrima* Torr. & A. Gray} - KTZ <UT>, &W, err. rep.

Tetradymia mutabilis Torr. & A. Gray - Dom01, FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
 Tetradymia spinosa Hook. & Arn. - Dom01, FNA, HDH, KTZ, SFW, UTF, W&W, W

- {*Tetradymia spinosa* Hook. & Arn. var. *spinosa*} - IMF

Tetraneurus

(Identification sources: _____)

- Tetraneurus acaulis* (Pursh) Greene var. *acaulis* - Dom01, FNA, KTZ, E/W
 - [*Hymenoxys acaulis* (Pursh) Parker var. *acaulis*] - GPF, HDH, IMF
 - [*Tetraneurus acaulis* (Pursh) Greene] - SFI, W&W
- Tetraneurus acaulis* (Pursh) Greene var. *arizonicus* (Greene) Parker - Dom01, FNA, KTZ, W&W, err. rep., E/W
 - [*Hymenoxys acaulis* (Pursh) Parker var. *arizonicus* (Greene) Parker] - HDH, IMF, UTF
 - [*Tetraneurus acaulis* (Pursh) Greene] - SFI, W&W
- Tetraneurus acaulis* (Pursh) Greene var. *caespitosa* A. Nelson - Dom01, FNA, KTZ, E/W
 - [*Hymenoxys acaulis* (Pursh) Parker var. *caespitosa* (A. Nelson) Parker] - HDH, IMF
 - [*Hymenoxys acaulis* (Pursh) Parker var. *lanaea* (Greene) Cronquist] - UTF
 - [*Tetraneurus brevifolia* Greene] - SFI, W&W
- Tetraneurus acaulis* (Pursh) Greene var. *epunctata* (A. Nelson) Kartesz & Gandhi - FNA, KTZ
 - [*Hymenoxys acaulis* (Pursh) Parker var. *epunctata* (A. Nelson) Cronquist] - IMF <CO>, UTF
 - [*Tetraneurus acaulis* (Pursh) Greene] - SFI, W&W
- Tetraneurus argentea* (A. Gray) Greene - KWA, JM, KTZ <AZ, NM>, W&W <AZ, NM>
 - [*Actinella argentea* Gray] - KTZ, M&H
 - [*Actinella formosa* A. Nels.] - M&H
 - [*Actinella leptoclada* Gray] - M&H
 - [*Hymenoxys argentea* (Gray) Parker] - M&H KTZ
- Tetraneurus ivesiana* Greene - FNA, KTZ, SFI, W&W, E/W
 - [*Hymenoxys acaulis* (Pursh) Parker var. *ivesiana* (Greene) Parker] - HDH, UTF
 - [*Hymenoxys argentea* (A. Gray) Parker var. *ivesiana* (Greene) Cronquist] - IMF
- Tetraneurus scaposa* (DC.) Greene var. *scaposa* - FNA, KTZ, E
 - [*Hymenoxys scaposa* (DC.) Parker var. *glaberrima* (Nutt.) Parker] - GPF
 - [*Hymenoxys scaposa* (DC.) Parker var. *linearis* (Nutt.) Parker] - HDH
 - [*Hymenoxys scaposa* (DC.) Parker var. *scaposa*] - GPF, HDH
 - [*Tetraneurus scaposa* (DC.) Greene] - W&W
 - [*Tetraneurus scaposa* (DC.) Greene var. *linearis* Parker] - SFE
 - [*Tetraneurus scaposa* (DC.) Greene var. *linearis* (Nutt.) Parker] - KTZ
- Tetraneurus toreyana* (Nutt.) Greene - Dom01, FNA, KTZ, SFI, W&W, E/W
 - [*Hymenoxys toreyana* (Nutt.) Parker] - IMF, UTF

- {*Thelesperma ambiguum* A. Gray} - GPF, KTZ, W&W
Thelesperma caespitosum Doen - Dom01
Thelesperma filifolium (Hook.) A. Gray - FNA, SFE
 [*Thelesperma filifolium* (Hook.) A. Gray var. *intermedium* (Rydb.) Shinners] - Dom01, GPF, KTZ, W&W, E
 [*Thelesperma trifidum* (Poir.) Brittton] - HDH
Thelesperma megapotamicum (Spreng.) Kuntze - Dom01, FNA, HDH, KTZ, SFE, W&W, E
 ♦ *Thelesperma pubescens* Dorn - **ENDEMIC <WY>**, Dom01, KTZ
 [NS - as recognized by Dom01 evidently endemic to WY (see UT3: 236)]
 [*Thelesperma subnudum* var. *alpinum* Welsh] - KTZ, UT3
 [*Thelesperma windhamii* C. J. Hansen] - UT3
Thelesperma subnudum A. Gray - FNA, GPF, HDH, SF!, W&W
 [*Thelesperma caespitosum* Dorn] - KTZ
 [*Thelesperma subnudum* Gray var. *caespitosum* (Dorn) Welsh] - KTZ
 [*Thelesperma subnudum* A. Gray var. *subnudum*] - IMF, KTZ, UTF, E/W
 [*Thelesperma marginatum* Rydb.] - Dom01, KTZ
 [*Thelesperma subnudum* A. Gray var. *marginatum* (Rydb.) T. E. Melchert ex Cronq.] - KTZ
- Thymophylla aurea* (A. Gray) Greene ex Britton var. *aurea* - KTZ, E
 [*Dysidea aurea* (A. Gray) A. Nelson] - GPF, HDH, SFE, W&W
 [*Lowelia aurea* A. Gray] - FNA
 [*Thymophylla aurea* (A. Gray) Greene] - W&W¹
 [*Thymophylla aurea* (A. Gray) Greene var. *aurea*] - KTZ
- Tonestus lyallii* (A. Gray) A. Nelson - FNA, KTZ, SF!, W&W, E/W
 [*Haplopappus lyallii* A. Gray] - HDH, IMF
Tonestus pygmaeus (Torr. & A. Gray) A. Nelson - FNA, KTZ, SF!, W&W, E/W
 [*Haplopappus pygmaeus* (Torr. & A. Gray) A. Gray] - HDH
 [*Stenosus pygmaeus* Torr. & A. Gray] - FNA
- Townsendia
 (Identification sources: _____)
- Townsendia annua* Beaman - FNA, IMF, KTZ, SFW, UTF, W&W, W
Townsendia eximia A. Gray - FNA, HDH, KTZ, SFE, W&W, E
Townsendia esculapa (Richards.) Porter - Dom01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
 [Aster esculapa Richards. in J. Franklin et al.] - FNA
 [*Townsendia sericea* Hook.] - FNA, HDH
Townsendia fendleri A. Gray - FNA, KTZ, SFE, W&W, E
Townsendia formosa Greene - FNA, GREE (*Hazlett II, 155*; Colfax Co., NM)
 ♦ *Townsendia glabella* A. Gray - **ENDEMIC <CO>**, FNA, HDH, KTZ, SFW, W&W, W
Townsendia grandiflora Nutt. - Dom01, FNA, GPF, HDH, KTZ, SFE, W&W, E
Townsendia hookeri Beaman - Dom01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
Townsendia incana Nutt. - Dom01, FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
Townsendia leptotes (A. Gray) Osterh. - Dom01, FNA, HDH, KTZ, SF!, UTF, W&W, E/W
 ♦ *Townsendia microcephala* Dorn - **ENDEMIC <WY>**, Dom01, FNA, KTZ
Townsendia montana M. E. Jones - FNA, W&W
 [*Townsendia alpigena* Piper var. *alpigena*] - KTZ
 [*Townsendia alpigena* Piper var. *cælinensis* (S. L. Welsh) Kartesz & Gandhi] - FNA
 [*Townsendia montana* M. E. Jones var. *montana*] - IMF, UTF

- [*Townsendia montana* M. E. Jones var. *caelilinensis* S. L. Welsh] - FNA
Townsendia nuttallii Dom - Dom01, KTZ
 {*Townsendia hookeri* Steyermark} - IMF
Townsendia parryi D. C. Eaton - Doen01, FNA, KTZ
 ♦ *Townsendia rothrockii* A. Gray ex Rothrock - ENDEMIC <CO>, FNA, KTZ, W&W, E/W
 [*Townsendia rothrockii* A. Gray] - HDH, SF!
Townsendia spathulata Nutt. - Dom01, FNA, KTZ
Townsendia strigosa Nutt. - FNA, IMF, KTZ, SFW, UTF, W&W, W
 [*Townsendia strigosa* Nutt. var. *strigosa*] - UT3
 [*Townsendia strigosa* var. *polycisa* S. L. Welsh] - FNA
- * *Tragopogon dubius* Scop. - Doen01, FNA, GPF, IMF, KTZ, UTF, E/W
 [*Tragopogon dubius* Scop. subsp. *major* (Jacq.) Vollman] - HDH, SF!, W&W
Tragopogon lamottei Rouy - Dom01
 * *Tragopogon porrifolius* L. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 * *Tragopogon pratensis* L. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Trimorpha (see *Erigeron*)

Tripleurospermum (see *Matricaria*)

Unania (see *Solidago*)

- Verbesina encelioides* (Cav.) Benth. & Hook. - FNA
 [*Verbesina encelioides* (Cav.) Benth. & Hook. f. ex A. Gray var. *exauriculata* B. L. Rob. & Greenm.] - IMF, E/W
 [*Verbesina encelioides* (Cav.) Benth. & Hook. subsp. *exauriculata* (B. L. Rob. & Greenm.) J. R. Coleman] - GPF
 [*Verbesina encelioides* (Cav.) Benth. & Hook. f. ex A. Gray subsp. *exauriculata* (B. L. Rob. & Greenm.) J. R. Coleman] - KTZ
 [*Verbesina encelioides* (Cav.) Benth. & Hook. var. *exauriculata* B. L. Rob. & Greenm.] - Dom01, HDH
 [*Verbesina encelioides* (Cav.) Benth. var. *exauriculata* B. L. Rob. & Greenm.] - UTF
 [*Ximenesia encelioides* Cav.] - SF!, W&W

- Vernonia baldwinii* Torr. var. *interior* (Small) B. G. Schub. - E, FNA
 [*Vernonia baldwinii* Torr. subsp. *interior* (Small) W. Z. Faust] - GPF, KTZ, SFE, W&W

- Vernonia fasciculata* Michx. - FNA, HDH
 [*Vernonia fasciculata* Michx. var. *corymbosa* (Schwein. ex Keating) Daniels] - E
 [*Vernonia fasciculata* Michx. subsp. *corymbosa* (Schwein.) A.Löve & D.Löve] - SFE, W&W
 [*Vernonia fasciculata* Michx. subsp. *corymbosa* (Schwein. ex Keating) S. B. Jones] - GPF, KTZ

- Vernonia marginata* (Torr.) Raf. - FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Viguiera (see *Helianthus*)

Virgulus (see *Aster*)

Virgulaster (see *Aster*)

- Wyethia amplexicaulis* (Nutt.) Nutt. - Dom01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Wyethia arizonica A. Gray - FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W

- *Wyethia X magna* A. Nelson - **ENDEMIC** <CO, NM>, FCF, KTZ, SFW, W
 [*Wyethia amplexicaulis* X. W. Arizona] - KTZ
 [*Wyethia magna* A. Nelson ex W. A. Weber] - W&W

Xanthisma

(Identification sources: _____)

- *Xanthisma coloradense* (A. Gray) D. R. Morgan & R. L. Hartm. - **ENDEMIC** <CO, WY>
 [RH - with numerous new collections during the past 25 years, the two varieties appear to have merged]
 [*Aster coloradoensis* A. Gray] - FNA, HDH
 [*Haplopappus coloradensis* (A. Gray) R. L. Hartm. ex Dom.] - RMC
 [*Machaeranthera coloradensis* (A. Gray) Osterh.] - Dom01, IMF, SF1, E/W
 [*Machaeranthera coloradoensis* (A. Gray) Osterh. var. *brandegeei* (Rydb.) T. J. Watson ex R. L. Hartm.] - KTZ
 [*Machaeranthera coloradoensis* (A. Gray) Osterh. var. *brandegeei* (Rydb.) T. J. Watson ex R. L. Hartm.] - W&W¹
 [*Machaeranthera coloradensis* (A. Gray) Osterh. var. *coloradoensis*] - KTZ
 [*Machaeranthera coloradoensis* (A. Gray) Osterh. var. *coloradoensis*] - W&W

Xanthisma gracile (Nutt.) D. R. Morgan & R. L. Hartman - FNA

- [*Dieteria gracilis* Nutt.] - FNA
 [*Haplopappus gracilis* (Nutt.) A. Gray] - HDH, IMF, UTF
 [*Haplopappus ravenii* R. C. Jackson] - FNA

[*Machaeranthera gracilis* (Nutt.) Shinners - KTZ, SFW, W&W, W]

Xanthisma grindelioides (Nutt.) D. R. Morgan & R. L. Hartman var. *grindelioides* - FNA

- [*Eriocarpum grindelioides* Nutt.] - FNA
 [*Haplopappus mattalii* (Torr.) A. Gray] - HDH
 [*Haplopappus mattalii* Torr. & A. Gray var. *mattalii*] - RMC
 [*Machaeranthera grindelioides* (Nutt.) Shinners] - Dom01, GPF, SFW, W&W
 [*Machaeranthera grindelioides* (Nutt.) Shinners var. *grindelioides*] - IMF, KTZ, UTF, W

Xanthisma spinulosum (Pursh) D. R. Morgan & R. L. Hartm. var. *glaberrimum* (Rydb.) D.R. Morgan & R. L. Hartm. - FNA

- [*Sideranthus glaberrimus* Rydb.] - FNA
 [*Haplopappus spinulosus* (Pursh) DC. subsp. *glaberrimus* (Rydb.) H. M. Hall] - FNA
 [*Haplopappus spinulosus* (Pursh) DC. var. *glaberrimus* (Rydb.) S. F. Blake] - FNA
 [*Machaeranthera pinnatifida* (Hook.) Shinners var. *glaberrima* (Rydb.) B. L. Turner & R. L. Hartm.] - Dom01, FNA

[*Xanthisma glaberrimum* (Rydb.) G. L. Nelson & O'Kenson] - FNA

Xanthisma spinulosum (Pursh) D. R. Morgan & R. L. Hartm. var. *spinulosum* - FNA

- [*Haplopappus spinulosus* (Pursh) DC. subsp. *cotula* (Small) H. M. Hall] - FNA
 [*Haplopappus texensis* R. C. Jackson] - FNA
 [*Machaeranthera texensis* (R. C. Jackson) Shinners] - FNA
 [*Sideranthus turbinellus* Rydb.] - FNA

Xanthisma spinulosum (Pursh) D. R. Morgan & R. L. Hartm. var. *paradoxum* (B. L. Turner & R. L. Hartm.) D. R. Morgan & R. L. Hartm. - FNA

- [*Machaeranthera pinnatifida* (Hook.) Shinners var. *paradoxa* B. L. Turner & R. L. Hartm.] - FNA
 [*Haplopappus spinulosus* (Pursh) DC. var. *paradoxus* (B. L. Turner & R. L. Hartm.) Cronq.] - FNA

* *Xanthium spinosum* L. - FNA, GPF, HDH, IMF, KTZ, UTF, E [Acantho-xanthium spinosum (L.) Four.] - SFE, W&W

♦ *Xanthium strumarium* L. - FNA, SF1, W&W [NS - numerous additional synonymy in FNA 21: 19] [*Xanthium strumarium* L. var. *coloradense* (Mill.) Torr. & A. Gray] - Dom01, GPF, IMF, KTZ, UTF, E/W

- [*Xanthium chilense* Mill.] - HDH
- [*Xanthium italicum* Moretti] - HDH
- [*Xanthium pensylvanicum* Wallr.] - HDH

Xanthocephalum (see *Gutierrezia*)

Ximenesia (see *Verbesina*)

- Xylorhiza glabriuscula* Nutt. - Dom01, FNA, SFW, W&W
 [*Xylorhiza glabriuscula* Nutt. var. *glabriuscula*] - GPF, KTZ, UTF, W
 [*Aster xylorhiza* Torr. & A. Gray] - HDH
- [*Machaeranthera glabriuscula* (Nutt.) Cronquist & D. D. Keck] - IMF
- {*Xylorhiza glabriuscula* Nutt. var. *villosa* (Nutt.) A. Nelson} - KTZ
 [*Machaeranthera glabriuscula* (Nutt.) Cronquist & D. D. Keck] - IMF
 [*Xylorhiza glabriuscula* Nutt.] - W&W
- Xylorhiza venusta* (M. E. Jones) A. Heller - FNA, KTZ, SFW, UTF, W&W, W
 [*Aster venustus* M. E. Jones] - HDH
 [*Machaeranthera venusta* (M. E. Jones) Cronquist & D. D. Keck] - IMF

- Zinnia grandiflora* Nutt. - FNA, GPF, HDH, IMF, KTZ, SFE, W&W, E

Balsaminaceae - BLS

- ⊕ *Impatiens capensis* Meerb. - GPF, HDH, KTZ, SFE, W&W, E

Berberidaceae - BER

- Berberis fendleri* A. Gray - FNA, HDH, KTZ, SF!, UTF, W&W, E/W
- Berberis fremontii* Torr. - FNA, HDH
 [*Mahonia fremontii* (Torr.) Fedde] - KTZ, SFW, UTF, W&W, W
- Berberis haematocarpa* Wooton - FNA
 [*Mahonia haematocarpa* (Wooton) Fedde] - KTZ, SFE, W&W, E
- Berberis repens* Lindl. - FNA, GPF, HDH
 [*Mahonia repens* (Lindl.) G. Don] - Dom01, KTZ, SF!, UTF, W&W, E/W
- * *Berberis vulgaris* L. - FNA, HDH, KTZ, SFE, UTF, W&W, E

Mahonia (see *Berberis*)

Betulaceae - BET (including Corylaceae)

- Alnus incana* (L.) Moench var. *occidentalis* (Dippel) C. L. Hitchc. - Dom01, E/W
 [*Alnus incana* (L.) Moench subsp. *rugosa* (Du Roi) R. T. Clausen var. *occidentalis* (Dippel)
 C. L. Hitchc.] - UTF
- [*Alnus incana* (L.) Moench subsp. *tenuifolia* (Nutt.) Breitung] - FNA, KTZ, SF!, W&W
- [*Alnus incana* (L.) Moench subsp. *tenuifolia* (Nutt.) Breitung forma *incisa* (W. A. Weber) W.
 A. Weber] - SFW, W&W
- [*Alnus tenuifolia* Nutt.] - HDH

- Betula X eastwoodiae* Sarg. - FNA, KTZ
 [*Betula fontinalis* X *B. glandulosa*] - W&W

- [*Betula glandulosa* X B. occidentalis] - FNA
- [*Betula nana* X B. occidentalis] - KTZ
- Betula glandulosa* Michx. - Dorn01, Hartman06, FNA, HDH, SF!, UTF, W&W, E/W
[*Betula nana* L.] - KTZ
- Betula occidentalis* Hook. - Dorn01, FNA, GFC, GPF, HDH, KTZ, UTF, E/W
[*Betula fontinalis* Sarg.] - SF!, W&W
- Betula papyrifera* Marshall var. *papyrifera* - GPF, KTZ, E
[*Betula papyrifera* Marshall] - Dorn01, FNA, HDH, SFE, UTF, W&W
- * *Betula pendula* Roth - FNA, KTZ, UTF
[W] - an escape in Jefferson Co.]
- {*Betula pumila* L.} - FNA, err. in ed.; Dorn01 (also dismisses its occurrence in WY)
[W] - not in Colorado]
{*Betula glandulosa* Michx. var. *glandulifera* (Regel) Gleason} - GPF
{*Betula pumila* L. var. *glandulifera* Regel} - KTZ
- Betula X utahensis* Britton - FNA, KTZ, SFE, UTF, W&W fide formula, E
[*Betula occidentalis* X B. *papyrifera*] - KTZ
- Corylus cornuta* Marshall var. *cornuta* - KTZ, E
[*Corylus cornuta* Marshall] - Dorn01, GPF, HDH, SFE, W&W
[*Corylus cornuta* Marshall subsp. *cornuta*] - FNA

Bignoniaceae - BIG

- ⊕ *Campsis radicans* (L.) Seem. ex Bureau - IMF, KTZ, E/W
[W] - widely cultivated but evidently never truly "escaping"]
[*Campsis radicans* (L.) Seem.] - GPF, SF!, UTF, W&W

- Catalpa speciosa* (Warder) Warder ex Engelm. - KTZ<KS, NE, OK, UT>
[W] - probably only rarely persisting as an escapee in our region]
[*Catalpa speciosa* Warder] - GPF, UTF
[*Catalpa speciosa* Warder ex Engelm.] - IMF

Boraginaceae - BOR (including Ehretiaceae and HYD)

- {*Amsinckia douglasiana* A. DC.} - HDH, KTZ, W&W, misid.
- {*Amsinckia intermedia* Fisch. & C. A. Mey.} - GPF, HDH, IMF, UTF, W&W, misid.
{*Amsinckia menziesii* (Lehm.) A. Nelson & Machr. var. *intermedia* (Fisch. & C. A. Mey.) Ganders - KTZ<AZ,
NE, UT, WY>
- ⊕ *Amsinckia lycopersoides* Lehm. - Dorn01, GPF, KTZ, SFE, W&W, E
- ⊕ *Amsinckia menziesii* (Lehm.) A. Nelson & J. F. Machr. var. *menziesii* - KTZ, E
[*Amsinckia menziesii* (Lehm.) A. Nelson & J. F. Machr.] - IMF, SFE, UTF, W&W
[*Amsinckia retrosa* Sudw.] - SFE, W&W
[*Amsinckia rugosa* Rydb.] - HDH
- * *Anchusa azurea* Mill. - KTZ, SFE, UTF, W&W, E
- * *Anchusa officinalis* L. - Dorn01, HDH, IMF, KTZ, SFE, UTF, W&W, E
- * *Asperugo procumbens* L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Buglossoides (see *Lithospermum*)

Cryptantha

(Identification sources: _____)

- Cryptantha affinis* (A. Gray) Greene - Dorn01, KTZ, HDH, W&W[†]
[*Kryntzka affinis* A. Gray] - UT3
- Cryptantha ambigua* (A. Gray) Greene - Dorn01, HDH|IMF, KTZ, SFW, UTF, W&W, W
†♦ *Cryptantha apera* (Eastw.) Payson - **ENDEMIC** <CO>, HDH, KTZ, W
[EXTINCT fide KTZ]
[*Oreocarya apera* Eastw.] - SFW, W&W
- Cryptantha bakeri* (Greene) Payson - HDH, IMF, KTZ, UTF, W
[*Oreocarya bakeri* Greene] - SFW, W&W
- Cryptantha breviflora* (Osterh.) Payson - IMF, KTZ, UTF, W
[*Oreocarya breviflora* Osterh.] - SFW, W&W
- Cryptantha caespitosa* (A. Nelson) Payson - Dorn01, HDH, exp., IMF, KTZ, UTF, W
[*Oreocarya caespitosa* A. Nelson] - SFW, W&W
- Cryptantha cana* (A. Nelson) Payson - Dorn01, GPF, HDH, KTZ, E
[*Oreocarya cana* A. Nelson] - SFE, W&W
- Cryptantha celosioides* (Eastw.) Payson - Dorn01, GPF, IMF, KTZ, E
[*Cryptantha bradburiana* Payson] - HDH
[*Oreocarya celosioides* Eastw.] - SFE, W&W
- Cryptantha cinerea* (Greene) Cronquist var. *cinerea* - IMF, KTZ, W
[*Cryptantha cinerea* (Torr.) Cronquist var. *cinerea*] - UTF
[*Cryptantha jamesii* (Torr.) Payson var. *jamesii*] - HDH
[*Kryntzka matricaulis* var. *setosa* M. E. Jones] - UT3
[*Oreocarya suffruticosa* (Torr.) Greene] - SFW, W&W[†]
- Cryptantha cinerea* (Greene) Cronquist var. *jamesii* Cronquist - Dorn01, IMF, KTZ, E/W
[*Cryptantha cinerea* (Torr.) Cronquist var. *jamesii* (Payson) Cronquist] - UTF
[*Cryptantha jamesii* (A. Gray) Payson var. *disticha* (Eastwood) Payson] - UT3
[*Cryptantha jamesii* (Torr.) Payson] - GPF
[*Cryptantha jamesii* (Torr.) Payson var. *jamesii*] - HDH
[*Kryntzka jamesii* A. Gray] - UT3
[*Oreocarya disticha* Eastwood] - UT3
[*Oreocarya suffruticosa* (Torr.) Greene] - SFW, W&W
- Cryptantha cinerea* (Greene) Cronquist var. *pustulosa* (Rydb.) L. C. Higgins - KTZ, E/W
[*Cryptantha cinerea* (Torr.) Cronquist var. *pustulosa* (Rydb.) L. C. Higgins] - UTF
[*Cryptantha jamesii* (Torr.) Payson var. *pustulosa* (Rydb.) Harrington] - HDH
[*Cryptantha pustulosa* (Rydb.) Payson] - IMF
[*Oreocarya pustulosa* Rydb.] - SF!, W&W
- Cryptantha circumscissa* (Hook. & Arn.) I. M. Johnst. var. *circumscissa* - HDH, KTZ, W
[*Cryptantha circumscissa* (Hook. & Arn.) I. M. Johnst.] - Dorn01, IMF, SFW, UTF, W&W
- {*Cryptantha confertifolia* (Greene) Payson} - IMF, KTZ, UTF <UT>
- {*Cryptantha crassispala* (Torr. & A. Gray) Greene var. *crassispala*} - KTZ, W&W[†], E
[*Cryptantha crassispala* (Torr. & A. Gray) Greene] - GPF, HDH, SFE
[*Cryptantha kelseyania* Greene] - W&W
- Cryptantha crassispala* (Torr. & A. Gray) Greene var. *elachantha* I. M. Johnst. - IMF, KTZ, SFW, UTF, W&W, W
[*Cryptantha crassispala* (Torr. & A. Gray) Greene] - HDH
- Cryptantha elata* (Eastw.) Payson - HDH, IMF, KTZ, UTF, W
[*Oreocarya elata* Eastw.] - SFW, W&W
- Cryptantha fendleri* (A. Gray) Greene - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

- [*Cryptantha pattersoni* (A. Gray) Greene] - HDH
 [Krynickia fandleri A. Gray] - UT3
- Cryptantha flava* (A. Nelson) Payson - Dom01, HDH, IMF, KTZ, UTF, W
 [*Oreocarya flava* A. Nelson] - SFW, W&W
- Cryptantha flavoculata* (A. Nelson) Payson - Dom01, HDH, IMF, KTZ, UTF, W
 [*Oreocarya flavoculata* A. Nelson] - SFW, W&W
- Cryptantha fulvocanescens* (S. Watson) Payson var. *fulvocanescens* - KTZ <AZ, NM, UT>
 [*Cryptantha fulvocanescens* (S. Watson) Payson] - IMF, UTF
 [*Cryptantha fulvocanescens* (A. Gray) Payson] - HDH
 [Krynickia *fulvocanescens* A. Gray] - UT3
 [*Oreocarya fulvocanescens* (A. Gray) Greene] - SFW, W&W¹
- Cryptantha fulvocanescens* (S. Watson) Payson var. *nitida* (Greene) Sivinski - KTZ, W
 [*Cryptantha fulvocanescens* (A. Gray) Payson] - HDH
 [*Oreocarya fulvocanescens* (A. Gray) Payson] - SFW
 [*Oreocarya nitida* Greene] - W&W
- Cryptantha gracilis* Osterh. - Dom01, HDH, IMF, KTZ, SFW, UTF, W&W, W
- ◆ *Cryptantha gypsophila* Reveal & C. R. Broome - Reveal06
- Cryptantha humilis* (A. Gray) Payson - KTZ, W
 [*Cryptantha humilis* (Greene) Payson] - IMF
 [*Cryptantha humilis* (Greene) Payson var. *commixta* (Macbride) L. C. Higgins] - UT3
 [*Cryptantha humilis* (Greene) Payson var. *nana* (Eastw.) Payson] - UTF
 [*Cryptantha humilis* (Greene) var. *shantzii* (Tidestrom) L. C. Higgins] - UT3
 [*Cryptantha nana* (Eastw.) Payson var. *nana*] - HDH
 [*Cryptantha nana* (Eastw.) Payson var. *ovina* Payson] - UT3
 [*Oreocarya commixta* Macbride] - UT3
 [*Oreocarya dolerosa* Macbride] - UT3
 [*Oreocarya humilis* Greene subsp. *nana* (Eastw.) W. A. Weber] - SFW, W&W
 [*Oreocarya shantzii* Tidestrom] - UT3
- Cryptantha kelseyanana* Greene - Dom01, HDH, IMF, KTZ, UTF
 [*Cryptantha crassispala* (Torr. & A. Gray) Greene var. *crassispala*] - HDH, W&W¹
- Cryptantha longiflora* (A. Nelson) Payson - HDH, IMF, KTZ, UTF, W
 [*Oreocarya longiflora* A. Nelson] - SFW, W&W
- Cryptantha mensana* (M. E. Jones) Payson - IMF, KTZ, UTF, W
 [Krynickia *mensana* M. E. Jones] - UT3
 [*Oreocarya mensana* M. E. Jones] - SFW, W&W
- Cryptantha minima* Rydb. - Dom01, GPF, HDH, IMF, KTZ, SFW, W&W, E/W
- Cryptantha osterhoutii* (Payson) Payson - HDH, IMF, KTZ, UTF, W
 [*Oreocarya osterhoutii* Payson] - SFW, W&W
- Cryptantha paradoxa* (A. Nelson) Payson - HDH, IMF, KTZ, UTF, W
 [*Oreocarya paradoxa* A. Nelson] - SFW, W&W
- Cryptantha pterocarya* (Torr.) Greene var. *cycloptera* (Greene) J. F. Macbr. - HDH, KTZ
- Cryptantha pterocarya* (Torr.) Greene var. *pterocarya* - HDH, IMF, KTZ, UTF, W
 [*Cryptantha pterocarya* (Torr.) Greene] - SFW, W&W
- Cryptantha recurvata* Coville - HDH, IMF, KTZ, SFW, UTF, W&W, W
- Cryptantha rollinsii* I. M. Johnst. - Dom01, IMF, KTZ, UTF, W
 [*Oreocarya rollinsii* (I. M. Johnst.) W. A. Weber] - SFW, W&W
- Cryptantha scoparia* A. Nelson - Dom01, IMF, KTZ, SFW, UTF, W&W, W
- Cryptantha sericea* (A. Gray) Payson - Dom01, IMF, KTZ, UTF, W
 [*Cryptantha sericea* (A. Gray) Payson var. *sericea*] - HDH
 [Krynickia *sericea* A. Gray] - UT3
 [*Oreocarya sericea* (A. Gray) Greene] - SFW, W&W
- Cryptantha stricta* (Osterh.) Payson - Dom01, HDH, IMF, KTZ, UTF, W

- [*Oreocarya stricta* Osterh.] - SFW, W&W
Cryptantha thyrsiflora (Greene) Payson - Dorn01, GPF, HDH, KTZ, E
 [=*Oreocarya thyrsiflora* Greene] - SFE, W&W
Cryptantha tenuis (Eastw.) Payson - FCF
Cryptantha torreyana (A. Gray) Greene - Dorn01, W&W¹, misid.
 [=*Cryptantha calycosa* (Gray) Rydb.] - KTZ
 [=*Cryptantha eastwoodiae* St. John] - KTZ
 [=*Cryptantha flexuosa* (A. Nels.) A. Nels.] - KTZ
 [=*Cryptantha torreyana* var. *calycosa* (Gray) Greene] - KTZ
 [=*Cryptantha torreyana* var. *pumila* (Heller) L. M. Johnst.] - KTZ
 [=*Kryitzkia torreyana* A. Gray] - UT3
 ♦ *Cryptantha virgata* (Porter) Payson - **ENDEMIC** <CO, WY>, Dorn01, HDH, KTZ, E
 [=*Oreocarya virgata* (Porter) Greene] - SFE, W&W
Cryptantha watsonii (A. Gray) Greene - Dorn01, HDH, IMF, KTZ, SFW, UTF, W&W, W
 [=*Kryitzkia watsonii* A. Gray] - UT3
 ♦ *Cryptantha weberi* I. M. Johnst. - **ENDEMIC** <CO>, HDH, KTZ, E/W
 [=*Oreocarya weberi* (I. M. Johnst.) W. A. Weber] - SF1, W&W
- **Cynoglossum officinale* L. - Dorn01, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
- **Echium vulgare* L. - Dorn01, GPF, HDH, IMF, KTZ, UTF, W&W
- Ellisia nyctelea* (L.) L. - Dorn01, IMF, KTZ, SF1, W&W, E/W
 [= *Ellisia nyctelea* L.] - GPF, HDH
- Eritrichium nanum* (Vill.) Schrad. var. *elongatum* (Rydb.) Cronquist - Dorn01, IMF, UTF, E/W
 [= *Eritrichium nanum* (Vill.) Schrad. var. *argenteum* (Wight) I. M. Johnst.] - IMF, not distinct
 [= *Eritrichium nanum* (Vill.) Schrad. ex Gaudin var. *elongatum* (Rydb.) Cronquist] - KTZ
 [= *Eritrichium elongatum* (Rydb.) W. F. Wight var. *argenteum* (Wight) I. M. Johnst.] - HDH
 [= *Eritrichium elongatum* (Rydb.) W. F. Wight var. *elongatum*] - HDH
 [= *Eritrichium nanum* (Vill.) Schrad. ex Gaudin var. *arcticoides* (Cham.) Herder] - KTZ
 [= *Eritrichium nanum* (Vill.) Schrad. ex Gaudin var. *argenteum* (Wright) I. M. Johnson] - KTZ
 [= *Eritrichium arcticoides* (Cham.) A. DC.] - SF1, W&W
 [= *Eritrichium nanum* (Vill.) Schrad. ex Gaudin var. *elongatum* (Rydb.) Cronquist] - RMC

Euploca (see *Heliotropium*)

Hackelia

(Identification sources: _____)

- Hackelia besseyi* (Rydb.) J. L. Gentry - KTZ, SFE, W&W, E
Hackelia deflexa (Wahlenb.) Opiz var. *americana* (A. Gray) Fernald & I. M. Johnst. - Dorn01, GPF, KTZ
 [= *Hackelia deflexa* (Wahlenb.) Opiz var. *americana* (A. Gray) Fernald & I. M. Johnst. ex Fernald] - RMC
 [= *Hackelia deflexa* (Wahlenb.) Opiz] - GPF, HDH, exp.
Hackelia floribunda (Lehm.) I. M. Johnst. - Dorn01, GPF, HDH, KTZ, SF1, UTF, W&W, E/W
 [= *Hackelia leptophylla* (Rydb.) I. M. Johnst.] - HDH, W&W, err. rep.
 ♦ *Hackelia gracilenta* (Eastw.) I. M. Johnst. - **ENDEMIC** <CO>, HDH, KTZ, SFW, W&W, W
Hackelia micrantha (Eastw.) J. L. Gentry - Dorn01, IMF, KTZ, SFW, UTF, W&W, W
Hackelia patens (Nutt.) I. M. Johnst. var. *patens* - Dorn01, KTZ

- [*Hackelia diffusa* var. *caeruleocephala* (Rydb.) L. M. Johnston] - KTZ
Hackelia pinetorum (Greene ex Gray) L.M. Johnston - KWA, M&H, KTZ
Hackelia ursina (Greene ex Gray) L.M. Johnston - M&H, KWA, KTZ
- Heliotropium convolvulaceum* (Nutt.) A. Gray var. *convolvulaceum* - IMF, KTZ, E/W
 [*Euploca convolvulacea* Nutt.] - SFE
 [*Euploca convolvulacea* Nutt. subsp. *californica* (Greene) Abrams] - SFW, W&W
 [*Euploca convolvulacea* Nutt. subsp. *convolvulacea*] - W&W
 [*Heliotropium convolvulaceum* (Nutt.) A. Gray] - GPF, HDH, UTF
- Heliotropium curassavicum* L. var. *curassavicum* - Dom01, M&H, KWA
 [*Heliotropium seriphium* Cokerell] - M&H
- ⊕ *Heliotropium curassavicum* L. var. *oculatum* (A. Heller) L. M. Johnston. - IMF, KTZ <AZ, UT>,
 UTF, E/W
 [*Heliotropium curassavicum* L. subsp. *oculatum* (A. Heller) Thorne] - SF1, W&W
- Heliotropium curassavicum* L. var. *obovatum* DC. - GPF, IMF, KTZ, UTF
 [*Heliotropium spathulatum* Rydb.] - HDH
- Hesperochiron pumilus* (Griseb.) Porter - Doen01, IMF, UTF, W
 [*Hesperochiron pumilus* (Douglas) Porter] - SFW, W&W
 [*Hesperochiron pumilus* (Douglas ex Griseb.) Porter] - KTZ
- Hydrophyllum capitatum* Douglas ex Benth. var. *capitatum* - IMF, KTZ, UTF, E/W
 [*Hydrophyllum capitatum* Douglas] - SF1
 [*Hydrophyllum capitatum* Douglas ex Benth.] - Dom01, HDH, W&W
- Hydrophyllum fendleri* (A. Gray) A. Heller var. *fendleri* - IMF, KTZ, E/W
 [*Hydrophyllum fendleri* (A. Gray) A. Heller] - Dom01, HDH, SF1, UTF, W&W
- Lappula crenularia* A. Nelson - WY checklist, HDH, exp., KTZ <NE, WY>
 * *Lappula occidentalis* (S. Watson) Greene var. *cupulata* (A. Gray) L. C. Higgins - KTZ, UTF,
 E/W
 [*Lappula marginata* (M. Bieb.) Gürke] - KTZ, SF1, W&W
 [*Lappula redowskii* (Hornem.) Greene var. *cupulata* (A. Gray) M. E. Jones] - Dom01, IMF
 [*Lappula redowskii* (Hornem.) Greene var. *desertorum* (Greene) L. M. Johnston] - HDH, IMF
 [*Lappula texana* (Scheele) Britton] - GPF, RMC
 [*Lappula texana* (Scheele) Britton var. *concreta* (Greene) A. Nelson & J. F. Machr.] - HDH
 [*Lappula texana* (Scheele) Britton var. *texana*] - HDH
- Lappula occidentalis* (S. Watson) Greene var. *occidentalis* - KTZ, UTF, E/W
 [*Lappula redowskii* (Hornem.) Greene] - GPF, SF1, W&W
 [*Lappula redowskii* (Hornem.) Greene var. *redowskii*] - Dom01, HDH, IMF
- ⊕ *Lappula squarrosa* (Retz.) Dumort. - IMF, KTZ, SF1, UTF, W&W, E/W
 [*Lappula echinata* Gilib.] - GPF, HDH
 [*Lappula fremontii* (Torr.) Greene] - HDH, exp.
 [*Lappula squarrosa* (Retz.) Dum. var. *erecta* (A. Nelson) Dom] - Dom01
 [*Lappula squarrosa* (Retz.) Dum. var. *squarrosa*] - Dom01
- * *Lithospermum arvense* L. - Doen01, GPF, HDH, IMF, UTF, E
 [*Baglossoides arvensis* (L.) L. M. Johnston] - KTZ, SFE, W&W
 [*Baglossoides arvensis* (L.) L. M. Johnston] - W&W¹
- Lithospermum carolinense* (Walter ex J. F. Gmel.) MacMill. var. *crocum* (Fernald) Cronquist -
 KTZ, E
 [*Lithospermum canescens* (Michx.) Lehm.] - HDH, exp., W&W¹, misapp.
 [*Lithospermum carolinense* (Walter) MacMill.] - GPF

- [*Lithospermum carolinense* (Walter) MacMill.] - HDH
 [*Lithospermum croceum* Fernald] - SFE, W&W
- Lithospermum cobrense* Greene - M&H, KWA, KTZ
- Lithospermum incisum* Lehm. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Lithospermum multiflorum* Torr. ex A. Gray - Dom01, HDH, IMF, KTZ, UTF, W&W, E/W
 [*Lithospermum multiflorum* Torr.] - SF!, UTF, W&W¹
- Lithospermum nudale* Douglas ex Lehm. - Dom01, HDH, IMF, KTZ, UTF, W&W, W
 [*Lithospermum nudale* Douglas] - SFW
- {*Lycopsis arvensis* (L.) - HDH rep., W&W, err. rep.
 [*Anchusa arvensis* (L.) M. Bieb.] - KTZ <WY>
- Mertensia alpina* (Torr.) G. Don - HDH, IMF, KTZ, SFE, W&W, E
- Mertensia arizonica* Greene - Dom01, IMF, KTZ, UTF, W
 [*Mertensia arizonica* Greene var. *grahamii* L. O. Williams] - SFW, W&W
- Mertensia brevistyla* S. Watson - Dom01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Mertensia ciliata* (E. James ex Torr.) G. Don var. *ciliata* - KTZ, E/W
 [*Mertensia ciliata* (E. James) G. Don] - HDH, SF!, UTF
 [*Mertensia ciliata* (E. James ex Torr.) G. Don] - Dom01, W&W
 [*Mertensia ciliata* (Torr.) G. Don] - GPF
 [*Mertensia ciliata* (Torr.) G. Don var. *ciliata*] - IMF
- Mertensia franciscana* A. Heller - HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Mertensia fusiformis* Greene - Dom01, HDH, IMF, UTF, W&W, E/W
 [*Mertensia brevistyla* S. Watson] - SF!, W&W¹
 [*Mertensia oblongifolia* (Nutt.) G. Don] - KTZ
- Mertensia humilis* Rydb. - Dom01, HDH, KTZ, SFE, W&W, E
- Mertensia lanceolata* (Pursh) A. DC. - Dorn01, SF!, E/W
 [*Mertensia bakeri* Greene var. *bakeri*] - HDH
 [*Mertensia bakeri* Greene var. *ostenhoultii* L. O. Williams] - HDH
 [*Mertensia lanceolata* (Pursh) A. DC. var. *brachyloba* (Greene) A. Nelson] - GPF, HDH, KTZ
 [*Mertensia lanceolata* (Pursh) A. DC. var. *cortaeosa* (A. Nelson) L. C. Higgins & S. L. Welsh] - KTZ, UTF
 [*Mertensia lanceolata* (Pursh) DC. var. *fendleri* A. Gray] - HDH
 [*Mertensia lanceolata* (Pursh) DC. var. *lanceolata*] - GPF, HDH, KTZ, W&W
 [*Mertensia lanceolata* (Pursh) DC. var. *pubens* (J. F. Macbr.) L. O. Williams] - HDH
 [*Mertensia lanceolata* (Pursh) DC. var. *secundorum* Cockayne] - HDH, KTZ
 [*Mertensia viridis* A. Nelson var. *cynoglossoides* (Greene) J. F. Macbr.] - HDH
- Mertensia oblongifolia* (Nutt.) G. Don - GPF, IMF, KTZ, SFW, UTF, W&W, W
 [*Mertensia oblongifolia* (Nutt.) G. Don] - KTZ
- [*Mertensia oblongifolia* (Nutt.) G. Don var. *nevadensis* (A. Nelson) L. O. Williams] - HDH
- Mertensia viridis* (A. Nelson) A. Nelson - Dom01, E/W
 [*Mertensia lanceolata* (Pursh) DC.] - SF!
 [*Mertensia lanceolata* (Pursh) DC. var. *viridis* A. Nelson] - W&W
 [*Mertensia lanceolata* (Pursh) DC. var. *nivalis* (S. Watson) L. C. Higgins] - UTF
 [*Mertensia oblongifolia* (Nutt.) G. Don] - KTZ
 [*Mertensia viridis* A. Nelson] - IMF
 [*Mertensia viridis* A. Nelson var. *cana* (Rydb.) L. O. Williams] - HDH
 [*Mertensia viridis* A. Nelson var. *dilatata* (A. Nelson) L. O. Williams] - HDH
 [*Mertensia viridis* A. Nelson var. *parvifolia* L. O. Williams] - HDH
 [*Mertensia viridis* A. Nelson var. *viridis*] - HDH
- Myosotis alpestris* F. W. Schmidt - Dorn01, HDH, W
 [*Myosotis asiatica* (Vesterg.) Schischk. & Serg.] - KTZ, SFW, W&W

* *Myosotis scorpioides* L. - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W

Nama densum Lemmon var. *parviflorum* (Greenm.) C. L. Hitchc. - Dorn01, IMF, KTZ, UTF, W
[*Nama densum* Lemmon] - SFW, W&W

Nama dichotomum (Ruiz & Pav.) Choisy - HDH rep., KTZ, SFW, W&W, W

Nama hispidum A. Gray - FCF, GPF, HDH rep., IMF, KTZ, SFW, UTF, W&W, W&W¹,
err. rep., W

Nama retrorsum J. T. Howell - IMF, KTZ <AZ, NM, UT>, UTF, W&W¹

Nemophila breviflora A. Gray - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Neomphila menziesii H. & A. - Dorn01

Onosmodium molle Michx. var. *occidentale* (Mack.) I. M. Johnston. - Dorn01, GPF, HDH, E

[*Onosmodium bejatense* A. DC. var. *occidentale* (Mack.) B. L. Turner] - KTZ

[*Onosmodium molle* Michx. subsp. *occidentale* (Mack.) Cochrane] - KTZ, SF!, W&W

Oreocarya (see *Cryptantha*)

Pectocarya penicillata (H. & A.). A. DC. - Dorn01, KTZ

[*Cynoglossum penicillatum* H. & A.] - KTZ

[*Pectocarya linearis* var. *penicillatum* (H. & A.) M. E. Jones] - KTZ

Phacelia

(Identification sources: _____)

Phacelia alba Rydb. - Dorn01, IMF, KTZ, SF!, UTF, W&W, E/W

[*Phacelia neomexicana* Thurb. ex Torr.] - W&W¹, misapp.

[*Phacelia neomexicana* Thurb. ex Torr. var. *alba* (Rydb.) Brand] - HDH

Phacelia bakeri (Brand) J. F. Macbr. - KTZ, SF!, W&W, E/W

Phacelia caerulea Greene - KWA

[*Phacelia intermedia* Woot. p.p.] - KTZ

Phacelia constancei N. D. Atwood - IMF, KTZ, SFW, UTF, W&W, W

Phacelia crenulata Torr. ex S. Watson - IMF, W

[*Phacelia corrugata* A. Nelson] - HDH

[*Phacelia crenulata* Torr.] - SFW, W&W

[*Phacelia crenulata* Torr. var. *corrugata* (A. Nels.) Brand] - UTP

[*Phacelia crenulata* Torr. ex S. Watson var. *corrugata* (A. Nels.) Brand] - KTZ

Phacelia demissa A. Gray var. *demissa* - HDH, KTZ, UTF, W

[*Phacelia demissa* A. Gray] - Dorn01, IMF, SFW, W&W

Phacelia denticulata Osterh. - Dorn01, HDH, KTZ, SFE, W&W, E

♦ *Phacelia formosa* Osterh. - **ENDEMIC** <CO>, HDH, KTZ, SFE, W&W, E

Phacelia glandulifera Piper - Dorn01, KTZ

[*Phacelia ivesiana* var. *glandulifera* (Piper) A. Nelson & J. F. Macbr.] - KTZ

Phacelia glandulosa Nutt. var. *glandulosa* - KTZ

[*Phacelia glandulosa* Nutt. var. *deserta* (A. Nels.) Brand] - KTZ

[NS - var. *deserta* Endemic to WY if recognized]

Phacelia hastata Douglas ex Lehm. var. *hastata* - UTF, IMF, KTZ, E/W

[*Phacelia hastata* Douglas] - SF!

[*Phacelia hastata* Douglas ex Lehm.] - Dorn01, W&W

- [*Phacelia hastata* Douglas ex Lehm. var. *alpina* (Rydb.) Cronq.] - IMF
 [*Phacelia hastata* Douglas ex Lehm. var. *leucophylla* (Torr.) Cronquist] - GPF
 [*Phacelia leucophylla* Torr.] - HDH, syn. of *P. heterophylla* var. *heterophylla*
- Phacelia heterophylla* Pursh var. *heterophylla* - HDH, IMF, E/W
 [*Phacelia heterophylla* Pursh] - GPF, SF!, UTF, W&W
 [*Phacelia heterophylla* Pursh subsp. *heterophylla*] - KTZ
- Phacelia heterophylla* Pursh var. *virgata* (Greene) Dorn - Dorn01
 [*Phacelia heterophylla* Pursh subsp. *virgata* (Greene) Heckard] - KTZ
- Phacelia incana* Brand - Dorn01, IMF, KTZ, SFW, UTF, W&W, W
- Phacelia integrifolia* Torr. var. *integrifolia* - GPF, HDH rep., KTZ, W
 [*Phacelia integrifolia* Torr.] - IMF, SFW, UTF, W&W
- Phacelia ivesiana* Torr. var. *ivesiana* - HDH, KTZ, UTF, W
 [*Phacelia ivesiana* Torr.] - Dorn01, IMF, SFW, W&W
- Phacelia linearis* (Pursh) Holz. - Dorn01, KTZ
- {*Phacelia lutea* (Hook. & Arn.) J. T. Howell var. *scopulina* (A. Nelson) Cronq.} - IMF,
 UTF <CO>
- Phacelia neomexicana* Thurb. ex Torr. var. *alba* (Rydb.) Brand - WY checklist
 [*Phacelia neomexicana* Thurb. var. *pseudoarizonica* (Beaud) J. Voss] - KTZ
- Phacelia salina* (A. Nels.) J. T. Howell - Dorn01, KTZ
- Phacelia scopulina* (A. Nelson) J. T. Howell var. *scopulina* - KTZ
- Phacelia scopulina* (A. Nelson) J. T. Howell var. *submutica* (J. T. Howell) Halse - KTZ, W
 [*Phacelia lutea* (Hook. & Arn.) J. T. Howell var. *submutica* (J. T. Howell) Cronquist] - IMF
 [*Phacelia submutica* J. T. Howell] - HDH, SFW, W&W
- Phacelia sericea* (Graham ex Hook.) A. Gray var. *ciliosa* Rydb. - Dorn01, E/W
 [*Phacelia sericea* (Graham) A. Gray] - SFE
 [*Phacelia sericea* (Graham) A. Gray subsp. *ciliosa* (Rydb.) J. M. Gillett] - HDH, KTZ, SFW, W&W
 [*Phacelia sericea* (Graham) A. Gray var. *ciliosa* Rydb.] - IMF, UTF
 [*Phacelia idahoensis* L. F. Hend.] - HDH, W&W, misapp.
- Phacelia sericea* (Graham ex Hook.) A. Gray var. *sericea* - Dorn01, E/W
 [*Phacelia sericea* (Graham) A. Gray] - HDH, SF!
 [*Phacelia sericea* (Graham) A. Gray subsp. *sericea*] - KTZ, W&W
 [*Phacelia sericea* (Graham) A. Gray var. *sericea*] - IMF, UTF
- ♦ *Phacelia splendens* Eastw. - ENDEMIC <CO, NM>, HDH, KTZ, SFW, UTF, W&W, W
- Phacelia tetramera* Howell - Dorn01

- Plagiobothrys leptocladus* (Greene) I. M. Johnst. - Dorn01, KTZ
 [*Allecaria leptocladus* Greene Greene] - KTZ
 [*Plagiobothrys orthocarpus* (Greene) I. M. Johnst.] - KTZ
- Plagiobothrys scouleri* (Hook. & Arn.) I. M. Johnst. var. *hispidulus* (Greene) Dorn - Dorn01,
 KTZ, E/W
 [*Plagiobothrys nelsonii* (Greene) I. M. Johnst.] - HDH
 [*Plagiobothrys scopolianum* (Greene) I. M. Johnst.] - HDH
 [*Plagiobothrys scouleri* (Hook. & Arn.) I. M. Johnst.] - GPF
 [*Plagiobothrys scouleri* (Hook. & Arn.) I. M. Johnst. subsp. *penicillata* (Greene) A. Löve] - SF!, W&W
 [*Plagiobothrys scouleri* (Hook. & Arn.) I. M. Johnst. var. *penicillata* (Greene) Cronquist] - IMF, UTF

* *Symphytum officinale* L. - KTZ, SF!, UTF, W&W, E/W

Tiquilia nuttallii (Hook.) A. T. Richardson - Dorn01, IMF, KTZ, SFW, UTF, W
 [*Tiquilia nuttallii* (Benth.) A. T. Richardson] - W&W

Brassicaceae - BRA

(Identification sources: _____)

Aethionema (see **Aurinia**)

**Alliaria petiolata* (M. Bieb.) Cavara & Grande - GPF, FCF, KTZ, SFE, UTF, W&W, E

Alyssum (see also **Aurinia**)

* *Alyssum alyssoides* (L.) L. - Dorn01, KTZ, FCF, SF1, UTF, W&W[†], E/W
[*Alyssum alyssoides* L.] - GPF, HDH, W&W

* *Alyssum desertorum* Stapf - Dorn01, GPF, SF1, UTF, W&W, E/W
[*Alyssum desertorum* Stapf var. *desertorum*] - KTZ, FCF

* *Alyssum murale* Waldst. & Kit. - KTZ, FCF, SFE, W&W, E

Alyssum parviflorum M. Bieb. var. *micranthum* (C. A. Mey.) Dorn - Dorn01, W&W[†], E/W
[*Alyssum minus* (L.) Rothen.] - UTF

[*Alyssum minus* (L.) Rothen. var. *micranthum* (C. A. Mey.) Dadley] - GPF, KTZ, FCF

[*Alyssum parviflorum* M. Bieb.] - SF1, W&W

[*Alyssum parviflorum* Fisch. ex M. Bieb. var. *micranthum* (C. A. Mey.) Dorn] - Dorn01

Arabidopsis (see **Thellungiella**)

Arabis (see also **Boechera**, **Turritis**)

(Identification sources: _____)

Arabis hirsuta (L.) Scop. var. *glabrata* Torr. & A. Gray - HDH Dorn01, exp., KTZ, FCF, UTF, W&W, W&W[†], E/W

[*Arabis hirsuta* (L.) Scop.] - SF!

Arabis hirsuta (L.) Scop. var. *hirsuta* - KTZ, FCF, UTF, W&W[†], err. rep.

[*Arabis hirsuta* (L.) Scop.] - SF!

Arabis hirsuta (L.) Scop. var. *pycnocarpa* (M. Hopkins) Rollins - Dorn01, GPF, HDH, KTZ, FCF, W&W, E/W

[*Arabis hirsuta* (L.) Scop.] - SF!

[*Arabis hirsuta* (L.) Scop. var. *glabrata* Torr. & A. Gray] - UTF

{*Arabis laevigata* (Muhl. ex Willd.) Poir. var. *laevigata*} - KTZ, FCF

{*Arabis hastata* Eaton} - Rollins93

{*Arabis heterophylla* Nutt. ex Torrey & A. Gray} - Rollins93

{*Arabis laevigata* (Muhl.) Poir.} - GPF

{*Arabis laevigata* var. *heterophylla* (Nutt. ex Torrey & A. Gray) Farw.} - Rollins93

{*Arabis lynefeldii* DC.} - Rollins93

{*Turritis laevigata* Muell.-B. ex Willd.} - Rollins93

* *Armoracia rusticana* P. Gaertn., B. Mey. & Scherb. - Dorn01, GPF, KTZ, FCF, W&W

[*Armoracia rusticana* Gaertn.] - UTF

[*Rorippa armoracia* (L.) Hitchc.] - HDH

* *Aurinia saxatilis* (L.) Desv. - KTZ <UT>, FCF, E

[*Aethionema saxatile* (L.) R. Br.] - SFE, W&W[†]

[*Alyssum saxatile* L.] - UTF

- * *Barbarea orthoceras* Ledeb. - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W
[*Barbarea verna* (Mill.) Asch.] - M&H, exp., HDH rep., KTZ, W&W[†]
- * *Barbarea vulgaris* R. Br. - Dorn01, GPF, FCF, SF!, UTF, W&W, E/W
[*Barbarea vulgaris* W. T. Aiton] - KTZ

- * *Berteroa incana* (L.) DC. - Dorn01, GPF, KTZ, FCF, SF!, UTF, W&W, E/W

Boechera

(Identification sources: _____)

Boechera brachycarpa (Torr. & A. Gray) Dorn - Dorn01

Boechera cobrensis (M.E. Jones) Dorn - Dorn01
[*Arabis cobrensis* M. E. Jones] - KTZ

Boechera consanguinea (Greene) Windham & Al-Shehbaz - Windham07a
[*Arabis holboellii* Hoenemann var. *consanguinea* (Greene) G. A. Mulligan] - Windham07a

♦ *Boechera crandallii* (B. L. Rob.) W. A. Weber - **ENDEMIC** <CO, WY>, Dorn01, SFW, W&W

[*Arabis crandallii* B. L. Rob.] - HDH, KTZ, FCF, RMC, W

Boechera demissa (Greene) W. A. Weber

[NS - Following UT3 we do not recognize infraspecific taxa for our region]

[*Arabis demissa* Greene] - UTF, UT3

[*Arabis demissa* Greene var. *demissa*] - HDH, KTZ, FCF, E/W

[*Arabis demissa* Greene var. *longuida* Rollins] - HDH, exp., KTZ, FCF, E/W

[*Boechera fendleri* (Wats.) W. A. Weber var. *longuida* (Rollins) Dorn] - Dorn01

[*Boechera oxylobala* (Greene) W. A. Weber] - SF!, W&W

Boechera divaricarpa (A. Nelson) A. Löve & D. Löve - SF!, W&W, Windham07b

[*Arabis* X *divaricarpa* A. Nelson - KTZ, FCF, E/W

[*Arabis drummondii* X A. *holboellii*] - KTZ

[*Arabis divaricarpa* A. Nelson] - GFP

[*Arabis divaricarpa* A. Nelson var. *divaricarpa*] - HDH

[*Arabis holboellii* Hoenman.] - UTF

[*Arabis stokesiae* Rydb.] - Windham07b

Boechera drepanoloba (Greene) Windham & Al-Shehbaz - Windham07a

[*Arabis lemmonii* S. Watson var. *drepanoloba* (Greene) Rollins] - Windham07a

Boechera drummondii (A. Gray) A. Löve & D. Löve - SF!, W&W

[*Arabis confinis* S. Watson var. *confinis*] - E/W

[*Arabis drummondii* A. Gray] - GFP, HDH, KTZ, FCF, UTF, E/W

Boechera duchesnensis (Rollins) Windham & Al-Shehbaz & Allphin - Windham07b

[*Arabis pulchra* M. E. Jones ex S. Watson var. *pallens* M. E. Jones] - HDH, KTZ, FCF, W

[*Arabis pulchra* M. E. Jones var. *pallens* M. E. Jones] - UTF

[*Boechera pulchra* (M. E. Jones) W. A. Weber] - SF/W

[*Boechera pulchra* (M. E. Jones ex S. Watson) W. A. Weber subsp. *pallens* (M. E. Jones) W. A. Weber] - W&W

[*Boechera pulchra* (M. E. Jones ex S. Watson) var. *duchesnensis* (Rollins) Dorn - Windham07b

[*Boechera pulchra* (M. E. Jones ex S. Watson) W. A. Weber var. *pallens* (M. E. Jones) Dorn] - Dorn01

Boechera fendleri (S. Watson) W. A. Weber var. *fendleri* - Dorn01

[*Boechera fendleri* (S. Watson) W. A. Weber subsp. *fendleri*] - W&W

[*Arabis fendleri* (S. Watson) Greene var. *fendleri*] - GFP, HDH, KTZ, FCF, E/W

[*Arabis holboellii* Hoenman var. *fendleri* S. Watson] - UTF

[*Boechera fendleri* (S. Watson) W. A. Weber] - SF

Boechera fernaldiana (Rollins) W. A. Weber var. *fendleriana* - W&W

- [*Arabis fernaldiana* Rollins var. *fernaldiana*] - HDH, KTZ, FCF, W
 [*Arabis fernaldiana* Rollins] - UTF
 [*Boechera fernaldiana* (Rollins) W. A. Weber] - SFW, W&W¹
- Boechera fernaldiana* (Rollins) W. A. Weber subsp. *vivariensis* (S. L. Welsh) Windham & Al-Shehbaz - Windham06
 [*Boechera vivariensis* (S. L. Welsh) W. A. Weber] - Windham06
 [*Arabis formosa* Greene] - Windham06
 [*Arabis pulchra* M. E. Jones ex S. Watson var. *pallens* M. E. Jones] - HDH, KTZ, FCF, W, Windham06
 [*Boechera pulchra* (M. E. Jones ex S. Watson) W. A. Weber subsp. *pallens* (M. E. Jones) W. A. Weber] - W&W
 [*Boechera pulchra* (M. E. Jones ex S. Watson) W. A. Weber var. *pallens* (M. E. Jones) Dorn] - Windham06
- Boechera glaucescens* (Dorn) - Dorn03
- Boechera gracilenta* (Greene) Windham & Al-Shehbaz - Windham07b
 [*Arabis gracilenta* Greene] - Windham07b
 [*Arabis sublyrata*] - HDH, KTZ, FCF, UTF, W, Windham07b
 [*Boechera sublyrata* (Ryb.) W. A. Weber] - Dorn01, SFW, W&W, Windham07b
- Boechera grahamii* (Lehmann) Windham & Al-Shehbaz - Windham07b
- Boechera gunnisoniana* (Rollins) W. A. Weber - SFW, W&W
 [*Arabis gunnisoniana* Rollins - HDH, KTZ, FCF, W
 [*Boechera gunnisoniana* Dorn] - Al-Shehbaz03
- Boechera holboellii* (Hornem.) Löve & Löve var. *collinsii* (Fern.) Dorn - Dorn01
 [*Arabis holboellii* Hornem. var. *collinsii* (Fern.) Roll.] - WY checklist
 [*Arabis bourgovii* Rydb.] - KTZ
 [*Arabis collinsii* Fern.] - KTZ
 [*Arabis dacotica* Greene] - KTZ
 [*Arabis divaricarpa* var. *dacotica* (Greene) Boivin] - KTZ
 [*Arabis retrofracta* var. *collinsii* (Fern.) Boivin] - KTZ
 [*Boechera collinsii* (Fern.) A. & D. Löve] - KTZ
- Boechera holboellii* (Hornem.) var. *pinctorum* (Tidestr.) Dorn - Dorn01
 [*Arabis holboellii* Hornem. var. *pinctorum* (Tidestr.) Rollins] - GPF, HDH, KTZ, FCF, UTF, E/W
 [*Arabis pinctorum* Tidestr.] - Dorn01
 [*Boechera retrofracta* (Graham) A. Löve & D. Löve] - SF!, W&W
- Boechera holboellii* (Hornem.) var. *secunda* (Howell) Dorn - Dorn01
 [*Arabis holboellii* Hornem. var. *secunda* (Howell) Jeps.] - UTF, E/W
 [*Arabis holboellii* Hornem. var. *retrofracta* (Graham) Rydb.] - HDH, KTZ, FCF
 [*Arabis secunda* Howell] - Dorn01
 [*Boechera retrofracta* (Graham) A. Löve & D. Löve] - SF!, W&W
- Boechera lemmonii* (S. Watson) Weber var. *drepansoloba* (Greene) Dorn - Dorn01
 [*Arabis lemmonii* S. Watson var. *drepansoloba* (Greene) Rollins] - KTZ, FCF, E/W
 [*Boechera lemmonii* (S. Watson) W. A. Weber] - SF!
- Boechera lemmonii* (S. Watson) Weber var. *lemmonii* - Dorn01
 [*Arabis lemmonii* S. Watson var. *lemmonii*] - HDH, KTZ, FCF, UTF, E/W
 [*Boechera lemmonii* (S. Watson) W. A. Weber] - SF!, W&W
- Boechera lignifera* (A. Nelson) W. A. Weber - Dorn01, SF!, W&W, Windham06
 [*Arabis lignifera* A. Nelson] - HDH, KTZ, FCF, E/W
 [*Arabis holboellii* Hornem. var. *pinctorum* (Tidestr.) Rollins] - UTF
- Boechera lyallii* (S. Watson) Dorn - Al-Shehbaz03, Dorn01, Windham06
 [*Arabis lyallii* Wats. var. *lyallii*] - KTZ
- Boechera microphylla* (Nutt.) Dorn var. *macounii* (Wats.) Dorn - Dorn01
 [*Arabis microphylla* Nutt. var. *macounii* (Wats.) Roll] - WY checklist
 [*Arabis macounii* Wats.] - KTZ
- Boechera microphylla* (Nutt.) Dorn var. *microphylla* - Dorn01
 [*Arabis microphylla* Nutt. var. *microphylla*] - WY checklist

- [*Arabis tenacula* Greene] - KTZ
Boechera nuttallii (Robins.) Dorn - Dorn01
 [Arabis nuttallii Robins.] - WY checklist
 [*Arabis bridgeri* M.E. Jones] - KTZ
 [*Arabis macella* Piper] - KTZ
- ◆ **Boechera oxylobula** (Greene) W. A. Weber - **ENDEMIC <CO>**, SF!, W&W, Al-Shehbaz03, Windham06
 [*Arabis aprica* Osterh. ex A. Nels.] - Windham06
 [*Arabis oxylobula* Greene] - HDH, KTZ, FCF, E/W
 [*Arabis demissa* Greene] - Windham06
 [*Arabis rugoarpa* Osterh.] - Windham06
 - ◆ **Boechera pallidifolia** (Rollins) W. A. Weber - **ENDEMIC <CO>**, SFW, W&W¹, Al-Shehbaz03
 [*Arabis pallidifolia* Rollins] - KTZ, FCF, W, Windham06
 [*Arabis thompsonii* S. L. Welsh] - Windham06
 [*Boechera thompsonii* (S. L. Welsh) N. H. Holmgren] - Windham06
- Boechera pendulina** (Greene) W. A. Weber - Windham06
 [*Arabis demissa* Greene] - UTF
 [*Arabis demissa* Greene var. *ruseola* Rollins] - HDH
 [*Arabis pendulina* Greene var. *pendulina*] - KTZ, FCF, E/W
 [*Arabis pendulina* Greene var. *ruseola* (Rollins) Rollins] - KTZ, FCF, E/W
 [*Boechera oxylobula* (Greene) W. A. Weber] - SF!, W&W
 [*Boechera pendulina* (Greene) Weber var. *ruseola* (Rollins) Dorn] - Dorn01
- Boechera pendulocarpa** (A. Nels.) Windham & Al-Shehbaz - Windham06
 [*Arabis pendulocarpa* A. Nels.] - RMC, Windham06
 [*Arabis holboellii* Hornem. var. *pendulocarpa* (A. Nels.) Rollins] - Windham06, HDH, KTZ, FCF, UTF, E/W
 [*Boechera pendulocarpa* (A. Nels.) Å. Löve & D. Löve var. *pendulocarpa* (A. Nels.) N. Snow] - Windham06
- Boechera perennans** (S. Watson) W. A. Weber - Dorn01, SFW, W&W
 [*Arabis perennans* S. Watson] - HDH, KTZ, FCF, UTF, W
 [*Arabis perennans* S. Watson var. *perennans*] - UT3
- Boechera retrofracta** (Graham) Å. Löve & D. Löve - SF!, W&W, Windham06
 [*Arabis exilis* (A. Nels.)] - Windham06
 [*Arabis retrofracta* Graham] - Windham06
 [*Arabis holboellii* Hornem. var. *retrofracta* (Graham) Rydb.] - HDH, KTZ, FCF Windham06
 [*Boechera exilis* (A. Nels.) Dorn] - Dorn01
 [*Turritis retrofracta* (Graham) Hook.] - Windham06
- ◆ **Boechera spatifolia** (Rydb.) Windham & Al-Shehbaz - **ENDEMIC <NM, CO>** - Windham06
 [*Arabis fendleri* (S. Watson) Greene var. *spatifolia* (Rydb.) Rollins] - GPF, HDH, KTZ, FCF, E/W
 [*Arabis holboellii* Hornem. var. *fendleri* S. Watson] - UTF
 [*Boechera fendleri* (S. Watson) W. A. Weber] - SF!
 [*Boechera fendleri* (S. Watson) W. A. Weber subsp. *spatifolia* (Rydb.) W. A. Weber] - W&W
 [*Boechera fendleri* (S. Watson) W. A. Weber var. *spatifolia* (Rydb.) Dorn] - Dorn01
 - ◆ **Boechera villosa** Windham & Al-Shehbaz - **ENDEMIC <NM>** - Windham06
- Boechera williamsii** (Roll.) Dorn var. *saximontana* (Rollins) Dorn - Dorn01
 [*Arabis williamsii* Roll. var. *saximontana* (Roll.) Roll.] - WY checklist, KTZ
 [*Arabis microphylla* var. *saximontana* (Roll.) Roll.] - KTZ
 [*Arabis pendulocarpa* var. *saximontana* (Roll.) Dorn] - KTZ

Brassica (see also *Sinapis*)

- * **Brassica elongata** Ehrh. var. *integrifolia* (Boiss.) Breistr. - SFW, W&W¹, W
 [*Brassica elongata* Ehrh.] - KTZ
 [*Brassica elongata* Ehrh. subsp. *integrifolia* (Boiss.) Breistr.] - FCF
- * **Brassica juncea** (L.) Czern. - Dorn01, GPF, KTZ, FCF, UTF, E

- [*Brassica juncea* (L.) Cossen] - HDH, SFE, W&W
- * *Brassica napus* L. - SF!, W&W[†], E/W
- * *Brassica nigra* (L.) W. D. J. Koch - GPF, HDH, KTZ, FCF, SFE, UTF, W&W, E
- * *Brassica rapa* L. - Dom01, FCF, W&W, W&W[†], misapp.
[*Brassica campestris* L.] - GPF, HDH, UTF
[*Brassica rapa* L. var. *rapa*] - KTZ

Braya glabella Richardson - Dom01, KTZ, FCF, E/W

[*Braya glabella* R. Br.] - SF!

[*Braya glabella* (Richardson) S. Watson var. *glabella*] - W&W

Braya humilis (C. A. Mey.) B. L. Rob. - Dom01, HDH (mentioned without name, p. 256), KTZ, FCF, SFE, W&W, E/W
[*Braya humilis* (C. A. Mey.) B. L. Rob. subsp. *ventosa* Rollins] - SFW

* *Camelina microcarpa* Andr. ex DC. - Dom01, GPF, FCF, UTF, W&W, E/W
[*Camelina microcarpa* DC.] - KTZ

[*Camelina microcarpa* Andr.] - HDH, SF!

* *Camelina rumelica* Velen. - KTZ, FCF, SF!, W&W, E/W

* *Camelina sativa* (L.) Crantz - Dom01, GPF, HDH, exp., KTZ, FCF, W&W, err. rep.

* *Capsella bursa-pastoris* (L.) Medik. - Dom01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W

Cardamine

(Identification sources: _____)

Cardamine breweri S. Watson var. *breweri* - KTZ, FCF, UTF, E/W
[*Cardamine breweri* S. Watson] - Dom01, SF!, W&W

Cardamine breweri S. Watson var. *leibergii* (Holz.) C. L. Hitchc. - KTZ, FCF, E/W
[*Cardamine breweri* S. Watson var. *breweri*] - RMC
[*Cardamine breweri* S. Watson] - SF!, W&W
[*Cardamine vallicola* Greene] - HDH

Cardamine cordifolia A. Gray var. *cordifolia* - KTZ, FCF, UTF, E/W
[*Cardamine cordifolia* A. Gray] - HDH, SF!, W&W

Cardamine cordifolia A. Gray var. *incana* A. Gray ex M. E. Jones - KTZ, Hartman06, FCF, E/W
[*Cardamine cordifolia* A. Gray] - HDH, SF!, W&W
[*Cardamine cordifolia* A. Gray var. *incana* M. E. Jones] - W&W[†]

Cardamine oligosperma Nutt. var. *oligosperma* - KTZ
[*Cardamine oligosperma* Nutt.] - Dom01, W&W, err. rep.
[*Cardamine oligosperma* Nutt. ex Torr. & A. Gray] - UTF
[*Cardamine oligosperma* Nutt. ex Torr. & A. Gray var. *oligosperma*] - PCF, W&W[†]
[*Cardamine umbellata* Greene] - HDH
[*Cardamine unijuga* Rydb.] - HDH, exp.

Cardamine pensylvanica Muhl. ex Willd. - Dom01, HDH, KTZ, FCF, UTF, W&W, E/W
[*Cardamine pensylvanica* Muhl.] - GPF, SF!

Cardaria (see also *Lepidium*)

[NS - All of our species in Cardaria may ultimately be transferred to *Lepidium*]

- * *Cardaria chalepensis* (L.) Hand.-Mazz. - Dom01, GPF, KTZ, FCF, SF!, UTF, W&W, E/W
- * *Cardaria draba* (L.) Desv. - Dom01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W

* *Cardaria pubescens* (C. A. Mey.) Jam. - Dorn01, GPF, KTZ, FCF, SFI, W&W, E/W
[*Cardaria pubescens* (C. A. Mey.) Jam., var. *elongata* Rollins] - UTF
[*Cardaria pubescens* (C. A. Mey.) Rollins var. *elongata* Rollins] - HDH

Caulanthus crassicaulis (Torr.) S. Watson var. *crassicaulis* - KTZ, FCF, UTF, W
[*Caulanthus crassicaulis* (Torr.) S. Watson] - Dorn01, HDH, SFW, W&W

* *Chorispora tenella* (Pall.) DC. - Dorn01, GPF, KTZ, FCF, SFI, UTF, W&W, E/W
[*Chorispora tenella* DC.] - HDH

* *Conringia orientalis* (L.) Dumort. - Dorn01, GPF, HDH, KTZ, FCF, SFI, UTF, W&W, E/W

Descurainia

(Identification sources: _____)

Descurainia brevisiliqua (Detling) Al-Shehbaz & Goodson - Goodson07

[*Descurainia obtusa* (Greene) O. E. Schulz var. *brevisiliqua* Detling] - Goodson07

Descurainia californica (A. Gray) O. E. Schulz - Dorn01, HDH, KTZ, FCF, SFI, UTF, W&W, E/W

♦ *Descurainia kenhei* Al-Shehbaz - Al-Shehbaz07a, **ENDEMIC <CO>**

Descurainia incana (Burm. ex Fisch. & C. A. Mey.) Dorn var. *incana* - Dorn01, E/W
[*Descurainia incana* (Burm.) Dorn] - SF!

[*Descurainia incana* (Burm. ex Fisch. & C. A. Mey.) Dorn] - FCF, W&W

[*Descurainia incana* (Burm. ex Fisch. & C. A. Mey.) Dorn subsp. *incana*] - KTZ

[*Descurainia richardsonii* (Sweet) O. E. Schulz] - GPF

Descurainia incana (Burm. ex Fisch. & C. A. Mey.) Dorn var. *incisa* - E/W

[*Descurainia incana* (Burm.) Dorn] - SF!

[*Descurainia incana* (Burm. ex Fisch. & C. A. Mey.) Dorn] - W&W

[*Descurainia incana* (Burm. ex Fisch. & C. A. Mey.) Dorn subsp. *incisa* (Engelm.) Kartesz & Gandhi] - HDH, KTZ

[*Descurainia incisa* (Engelm.) Britton subsp. *incisa*] - SF!

[*Descurainia incisa* (Engelm. ex A. Gray) Britton subsp. *incisa*] - FCF, W&W²

[*Descurainia richardsonii* (Sweet) O. E. Schulz] - GPF

[*Descurainia richardsonii* (Sweet) O. E. Schulz subsp. *incisa* (Engelm.) Detling] - HDH

[*Descurainia richardsonii* (Sweet) O. E. Schulz var. *sonnei* (B. L. Rob.) C. L. Hitchc.] - UTF

Descurainia incana (Burm. ex Fisch. & C. A. Mey.) Dorn var. *macroisperma* (O. E. Schulz) Dorn - Dorn01, E/W

[*Descurainia incana* (Burm.) Dorn] - SF!

[*Descurainia incisa* (Burm. ex Fisch. & C. A. Mey.) Dorn] - FCF, SFW, W&W

[*Descurainia incana* (Burm. ex Fisch. & C. A. Mey.) Dorn var. *brevipes* (Nutt.) S. Welsh - UT3]

[*Descurainia incana* (Burm. ex Fisch. & C. A. Mey.) Dorn subsp. *procera* (Greene) Kartesz & Gandhi] - KTZ

[*Descurainia richardsonii* (Sweet) O. E. Schulz] - GPF

[*Descurainia richardsonii* (Sweet) O. E. Schulz subsp. *richardsonii*] - HDH

[*Descurainia richardsonii* (Sweet) O. E. Schulz subsp. *procera* (Greene) Detling] - HDH

[*Descurainia richardsonii* (Sweet) O. E. Schulz var. *brevipes* (Nutt.) S. L. Welsh & Reveal] - UTF

Descurainia incana (Burm. ex Fisch. & C. A. Mey.) Dorn var. *major* (Hook.) Dorn - Dorn01, E/W

[*Descurainia incana* (Burm.) Dorn] - SF!

[*Descurainia incana* (Burm. ex Fisch. & C. A. Mey.) Dorn] - FCF, W&W

[*Descurainia incana* (Burm. ex Fisch. & C. A. Mey.) Dorn subsp. *incana*] - KTZ

[*Descurainia richardsonii* (Sweet) O. E. Schulz] - GPF

- Descurainia incana* (Benth. ex Fisch. & C. A. Mey.) Dorn var. *viscosa* (Rydb.) Dorn - Dom01, E/W
 [Descurainia incana (Benth. ex Fisch. & C. A. Mey.) Dorn] - W&W
 [Descurainia incana (Benth. ex Fisch. & C. A. Mey.) Dorn subsp. *viscosa* (Rydb.) Kartesz & Gandhi] - KTZ, FCF
 [Descurainia incisa (Engelm.) Britton subsp. *viscosa* (Rydb.) Rollins - SF!
 [Descurainia incisa (Engelm. ex A. Gray) Britton subsp. *viscosa* (Rydb.) Rollins - FCF, W&W
 [Descurainia richardsonii (Sweet) O. E. Schulz] - GPF
 [Descurainia richardsonii (Sweet) O. E. Schulz subsp. *viscosa* (Rydb.) Detling] - HDH
 [Descurainia richardsonii (Sweet) O. E. Schulz var. *viscosa* (Rydb.) M. Peck] - UTF
- Descurainia nelsonii* (Rydb.) Al-Shehbaz & Goodson - Goodson07
 [Descurainia brachycarpa (Richardson) O. E. Schulz var. *nelsonii* (Rydb.) O. E. Schulz in Engler] - Goodson07
 [Descurainia pinnata (Walter) Britton] - W&W
 [Descurainia pinnata (Walter) Britton subsp. *nelsonii* (Rydb.) Detling] - HDH, KTZ, FCF, SF!, W&W¹
 [Descurainia pinnata (Walter) Britton var. *nelsonii* (Rydb.) M. Peck] - Dom01, UTF, E/W
 [Sophia *nelsonii* Rydb.] - Goodson07
- Descurainia obtusa* (Greene) O.E.Schulz subsp. *adenophora* (Woot. & Standl.) Detling - KWA, M&H, KTZ
 [Sophia *adenophora* Woot. & Standl.] - M&H
- Descurainia obtusa* (Greene) O. E. Schulz subsp. *obtusa* - KWA, M&H, FCF
 [Descurainia obtusa (Greene) O. E. Schulz] - HDH, rep.
 [Descurainia obtusa subsp. *typica* Detling] - KTZ
 [Sophia *obtusa* Greene] - M&H
- Descurainia pinnata* (Walter) Britton var. *brachycarpa* (Richardson) Fernald - Dom01
 [Descurainia pinnata (Walter) Britton] - W&W
 [Descurainia pinnata (Walter) Britton subsp. *brachycarpa* (Richardson) Detling] - GPF, HDH, KTZ, FCF, W&W
- Descurainia pinnata* (Walter) Britton var. *filipes* (A. Gray) M. Peck - Dom01, UTF, E/W
 [Descurainia incisa (Engelm.) Britton subsp. *filipes* (A. Gray) Rollins] - SF!
 [Descurainia incisa (Engelm. ex A. Gray) Britton subsp. *filipes* (A. Gray) Rollins] - FCF, W&W¹
 [Descurainia pinnata (Walter) Britton] - W&W
 [Descurainia pinnata (Walter) Britton subsp. *filipes* (A. Gray) Detling] - HDH, KTZ
- Descurainia pinnata* (Walter) Britton var. *intermedia* (Rydb.) C. L. Hitchc. - Dom01, UTF, E/W
 [Descurainia pinnata (Walter) Britton] - W&W
 [Descurainia pinnata (Walter) Britton subsp. *intermedia* (Rydb.) Detling] - GPF, HDH, KTZ, FCF, SF!, W&W¹
- Descurainia pinnata* var. *ochroleuca* (Woot.) Shinners - KWA, M&H
 [Descurainia pinnata subsp. *ochroleuca* (Woot.) Detling] - KTZ, M&H
 [Sophia *ochroleuca* Woot.] - KTZ
- Descurainia pinnata* (Walter) Britton var. *cosmiarium* (Cockerell) Shinners - Dom01, UTF, E/W
 [Descurainia pinnata (Walter) Britton] - W&W
 [Descurainia pinnata (Walter) Britton subsp. *halictorum* (Cockerell) Detling] - GPF, HDH, KTZ, FCF, SF!, W&W¹
- Descurainia pinnata* (Walter) Britton var. *paysonii* (Detling) S. L. Welsh & Reveal - Dom01, UTF
 [Descurainia incisa (Engelm. ex A. Gray) Britton subsp. *paysonii* (Detling) Rollins] - FCF
 [Descurainia pinnata (Walter) Britton] - W&W
 [Descurainia pinnata (Walter) Britton subsp. *paysonii* Detling] - HDH, esp., KTZ
- ◆ *Descurainia ramosissima* Rollins - **ENDEMIC** <CO>, KTZ, FCF, SFE, W&W, E
- ◆ *Descurainia torulosa* Rollins - **ENDEMIC** <WY>, KTZ, Dom01
- * *Descurainia sophia* (L.) Webb ex Prantl - Dom01, HDH, KTZ, UTF, W&W, E/W
 [Descurainia sophia (L.) Webb] - GPF, FCF, SF!, W&W¹
- ◆ *Dimorphocarpa wislizenii* (Engelm.) Rollins - KTZ, FCF, SFW, W&W, W

[*Dithyrea wislizenii* Engelm.] - HDH rep., UTF

* *Diplotaxis muralis* (L.) A. DC. - KTZ, FCF, SFW, W&W¹, W
[*Diplaxis muralis* A. DC.] - UTF

Dithyrea (see *Dimorphocarpa*)

Draba

(Identification sources: _____)

Draba albertina Greene - KTZ, FCF, SF!, W&W, E/W

[*Draba crassifolia* R. Griseb.] - HDH

[*Draba stenosola* Ledeb. var. *nana* (O. E. Schulz) C. L. Hitchc.] - HDH

Draba aurea Vahl ex Homem. - Dorn01, KTZ, FCF, W&W, E/W
[*Draba aurea* Vahl] - GPF, HDH, SF!, UTF

Draba borealis DC. - Dorn01, KTZ, FCF, SF!, W&W, E/W

Draba cana Rydb. - Dorn01, W&W, E/W

[*Draba breweri* S. Watson var. *cana* (Rydb.) Rollins] - KTZ, FCF, SF!, W&W¹

[*Draba lanceolata* Royle] - GPF, HDH, UTF

Draba crassa Rydb. - HDH, KTZ, FCF, SF!, UTF, W&W, E/W

Draba crassifolia Graham var. *crassifolia* - Dorn01, HDH, E/W

[*Draba crassifolia* Graham] - KTZ, FCF, SF!, UTF, W&W

[*Draba stenosola* Ledeb.] - HDH

Draba cuneifolia Nutt. ex Torr. & A. Gray var. *cuneifolia* - HDH, KTZ, FCF, UTF, E/W
[*Draba cuneifolia* Nutt.] - GPF, SF!

[*Draba cuneifolia* Nutt. ex Torr. & A. Gray] - W&W

[*Draba cuneifolia* Nutt. var. *cuneifolia*] - GPF

◆ *Draba exunguiculata* (O. E. Schulz) C. L. Hitchc. - **ENDEMIC** <CO>, HDH, KTZ,
FCF, SF!, W&W, E/W

{*Draba fladnizensis* Wulf. var. *fladnizensis*) - KTZ, FCF, out of range

Draba fladnizensis Wulf. var. *pattersonii* (O. E. Schulz) Rollins - KTZ, FCF, SF!, W&W¹, E/W
[*Draba fladnicensis* Wulf.] - HDH, UTF, W&W

Draba globosa Payson - Dorn01, KTZ, FCF, SF!, W&W, E/W

[*Draba apiculata* C. L. Hitchc.] - KTZ, RMC

[*Draba densifolia* Nutt. ex Torr. & A. Gray var. *apiculata* (C. L. Hitchc.) S. L. Welsh] - UTF

[*Draba densifolia* Nutt. ex Torr. & A. Gray var. *globosa* (Payson) S. Welsh] - UT3

◆ *Draba graminea* Greene - **ENDEMIC** <CO>, HDH, KTZ, FCF, SF!, W&W, E/W

◆ *Draba grayana* (Rydberg) C. L. Hitchc. - **ENDEMIC** <CO, NM>, Hartman06, HDH, KTZ,
FCF, SF!, W&W, E/W

Draba helleriana Greene - Al-Shehbaz07b, HDH, SF!, W&W

[*Draba aurea* Vahl ex Homemann var. *stylosa* A. Gray] - Al-Shehbaz07b

[*Draba helleriana* Greene var. *helleriana*] - KTZ, FCF, E/W, Snow07b

[*Draba helleriana* Greene var. *leptocarpa* O. E. Schulz in Engler] - Al-Shehbaz07b

[*Draba helleriana* Greene var. *patens* (Heller) O. E. Schulz] - Snow07b, KWA, JM, M&H, KTZ

[*Draba helleriana* Greene var. *neomexicana* (Greene) O. E. Schulz in Engler] - Al-Shehbaz07b

[*Draba helleriana* Greene var. *pinetorum* (Greene) O. E. Schulz in Engler] - Al-Shehbaz07b

[*Draba neomexicana* Greene] - Al-Shehbaz07b

[*Draba neomexicana* Greene var. *robusta* A. Heller] - Al-Shehbaz07b

[*Draba pallida* A. Heller] - Al-Shehbaz07b

- [*Draba patens* A. Heller] - Al-Shehbaz07b
 [*Draba pinneteron* Greene] - Al-Shehbaz07b
- Draba incerta* Payson - Dom01, SFW, UTF, W&W, W
 [*Draba incerta* Payson var. *incerta*] - KTZ, FCF
- Draba juniperina* Dorn - Dom01
- Draba lonchocarpa* Rydb. var. *lonchocarpa* - KTZ, FCF, UTF, E/W
 [*Draba lonchocarpa* Rydb.] - Dorn01, SF1, W&W
 [*Draba lonchocarpa* Rydb. var. *exigua* Schulz] - UTF
 [*Draba nivalis* Liljeblad var. *exigua* (O. E. Schulz) C. L. Hitchc.] - HDH
- Draba macounii* O. E. Schulz - KTZ, FCF
- ♦ *Draba malpighiaefolia* Windham & Al-Shehbaz - Al-Shehbaz07b
- ♦ *Draba nemorosa* L. var. *nemorosa* - E/W
 [*Draba nemorosa* L.] - Dom01, GPF, HDH, KTZ, FCF, SF1, UTF, W&W
- Draba oligosperma* Hook. var. *juniperina* (Dorn) Welsh - WY checklist, KTZ
- Draba oligosperma* Hook. var. *oligosperma* - UTF, E/W
 [*Draba oligosperma* Hook.] - Dom01, HDH, KTZ, FCF, SF1, W&W
- Draba possildii* Mulligan var. *possildii* - Dom01, KTZ, FCF, E/W
 [*Draba possildii* Mulligan] - SF1, W&W
- Draba rectiflora* C. L. Hitchc. - HDH, KTZ, FCF, SF1, UTF, W&W, E/W
- Draba reptans* (Lam.) Fernald - Dom01, KTZ, FCF, SF1, W&W, E/W
 [*Draba reptans* (Lam.) Fernald var. *reptans*] - GPF, HDH, UTF
 [*Draba reptans* (Lam.) Fernald var. *micrantha* (Nutt.) Fernald] - GPF
 [*Draba reptans* (Lam.) Fernald var. *stellifera* (O. E. Schulz) C. L. Hitchc.] - UTF
 [*Draba reptans* (Lam.) Fernald forma *micrantha* (Nutt.) C. L. Hitchc.] - HDH
 [*Draba reptans* (Lam.) Fernald forma *stellifera* (O. E. Schulz) C. L. Hitchc.] - HDH
- ♦ *Draba smithii* Gilg ex O. E. Schulz - **ENDEMIC <CO>**, HDH, KTZ, FCF, W&W, E
 [*Draba smithii* Gilg] - SFE
- Draba spectabilis* Greene - SF1, W&W, Al-Shehbaz07b
 [*Draba oxylopha* Greene] - Al-Shehbaz07b
 [*Draba spectabilis* Greene var. *bella* O. E. Schulz in Engler] - Al-Shehbaz07b
 [*Draba spectabilis* Greene var. *oxylopha* (Greene) Gilg & O. E. Schulz] - Dom01, HDH, FCF, E/W, Al-Shehbaz07b
 [*Draba spectabilis* Greene var. *oxylopha* (Greene) Gilg & O. E. Schulz ex O. E. Schulz] - KTZ
 [*Draba spectabilis* Greene var. *purpurea* Gilg & O. E. Schulz in Engler] - Al-Shehbaz07b
 [*Draba spectabilis* Greene var. *spectabilis*] - HDH, KTZ, FCF, UTF, E/W
- {*Draba stenoloba* Ledeb.] - GPF <CO>, KTZ, FCF, UTF
 [GPF likely referring to *Draba albertiana*]
- ♦ *Draba streptobrachia* Price - **ENDEMIC <CO>**, KTZ, FCF, SF1, W&W, E/W
 [*Draba spectabilis* Greene var. *disycarpa* (O. E. Schulz) C. L. Hitchc.] - HDH
- Draba streptocarpa* A. Gray - Dom01, KTZ, FCF, SF1, W&W, E/W
 [*Draba streptocarpa* A. Gray var. *streptocarpa*] - HDH
 [*Draba streptocarpa* A. Gray var. *tomentosa* (Wooton & Standl.) O. E. Schulz] - HDH
- Draba ventosa* A. Gray - Dom01, HDH, exp., KTZ, FCF, SFW, W&W, W
 [*Draba ventosa* A. Gray var. *ventosa*] - UTF
- ♦ *Draba weberi* Price & Rollins - **ENDEMIC <CO>**, KTZ, FCF, SFW, W&W, W
- Erucastrum gallicum* (Willd.) O. E. Schulz - Dorn01
 [*Brassica erucastrum* L.] - KTZ
- * *Eruca vesicaria* (L.) Cav. subsp. *sativa* (Mill.) Thell. - KTZ <AZ, KS, NE, NM, UT>, FCF
 [*Brassica sativa* Mill.] - GPF, HDH, rep.
 [*Eruca vesicaria* (L.) Cav. var. *sativa* (Mill.) Thell.] - UTF

- Erysimum asperum* (Nutt.) DC. - GPF, HDH, FCF, SF!, UTF, W&W, E/W
 [Erysimum asperum (Nutt.) DC. var. asperum] - Dorn01
 [Erysimum asperum (Nutt.) DC. var. arkansanum (Nutt.) A. Gray] - Dorn01
 [Erysimum capitatum (Douglas ex Hook.) Greene var. capitatum] - KTZ
- Erysimum capitatum* (Douglas ex Hook.) Greene var. argillosum (Greene) R.J. Davis - E/W
 [Erysimum asperum (Nutt.) DC.] - UTF
 [Erysimum capitatum (Douglas) Greene] - SF!, W&W
 [Erysimum capitatum (Douglas ex Hook.) Greene var. purshii (T. Durand) Rollin] - FCF, KTZ, W&W¹
- Erysimum capitatum* (Douglas ex Hook.) Greene var. capitatum - KTZ, FCF, E/W
 [Erysimum asperum (Nutt.) DC.] - UTF
 [Erysimum capitatum (Douglas) Greene] - GPF, SF!, W&W
 [Erysimum nivale (Greene) Rydb.] - HDH
 [Erysimum capitatum (Douglas) Greene var. capitatum] - W&W¹
 [Erysimum wheeleri Reichenb.] - HDH
- * *Erysimum cheiranthoides* L. subsp. *altum* Ahti - Dorn01, SF!, W&W, E/W
 [Erysimum cheiranthoides L.] - GPF, HDH, KTZ, FCF, UTF
- Erysimum inconspicuum* (S. Watson) MacMill. - Dorn01, GPF, HDH, SF!, UTF, W&W, E/W
 [Erysimum inconspicuum (S. Watson) MacMill. var. *inconspicuum*] - KTZ, FCF
- * *Erysimum repandum* L. - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W
- * *Euclidium syriacum* (L.) R. Br. - Dorn01, FCF, SFW, UTF, W&W, W
 [Euclidium syriacum (L.) W. T. Aiton] - KTZ
- ◆ *Eutrema penlandii* Rollins - **ENDEMIC <CO>**, FCF, HDH2, KTZ, E/W
 [NS - Al-Shehbaz (pers. comm. 2004) indicates this taxon may need transfer to *Thelephylloides*; however, the combination is not yet available in that genus]
 [Eutrema edwardsii R. Br. subsp. *penlandii* (Rollins) W. A. Weber] - SFE, W&W
 [Eutrema edwardsii R. Br. subsp. *penlandii* Rollins] - SFW
- Halmolobos virgata* (Nutt.) O. E. Schulz - Dorn01, HDH, KTZ, SF!, UTF, W&W, E/W
 [Halimolobos virgata (Nutt. ex Torr. & A. Gray) O. E. Schulz] - FCF
- Hesperidanthus* (see *Thelypodiopsis*)
- * *Hesperis matronalis* L. - Dorn01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W
- Hutchinsia procumbens* (L.) Desv. - Dorn01, HDH, KTZ, FCF, UTF, W
 [Hymenolobos procumbens (L.) Nutt.] - SFW
 [Hymenolobos procumbens (L.) Nutt. ex Torr. & A. Gray] - W&W
- Hymenolobus* (see *Hutchinsia*)
- * *Iberis amara* L. - KTZ, FCF, SFE, W&W, E
- * *Isatis tinctoria* L. - Dorn01, KTZ, FCF, SFW, UTF, W&W, W
- Koniga* (see *Lobularia*)
- Lepidium*

(Identification sources: _____)

Lepidium alyssoides A. Gray var. *alyssoides* - KTZ, FCF, SFW, E/W
[*Lepidium alyssoides* A. Gray] - SFE, W&W[†]

[*Lepidium montanum* Nutt.] - HDH

[*Lepidium montanum* Nutt., subsp. *alyssoides* (A. Gray) C. L. Hitchc.] - W&W

[*Lepidium montanum* Nutt. var. *alyssoides* (A. Gray) M. E. Jones] - Dorn01

Lepidium alyssoides A. Gray var. *eastwoodiae* (Wooton) Rollins - KTZ, FCF, SFW, W
[*Lepidium alyssoides* A. Gray]

[*Lepidium montanum* Nutt.] - HDH

[*Lepidium montanum* Nutt. var. *eastwoodiae* (Wooton) C. L. Hitchc.] - W&W[†]

* *Lepidium campestre* (L.) R. Br. - Dorn01, GPF, HDH, FCF, UTF, E/W
[*Lepidium campestre* (L.) W. T. Aiton] - KTZ

[*Neolepia campestre* (L.) W. A. Weber] - SF[‡], W&W

Lepidium crenatum (Greene) Rydb. - KTZ, FCF, SFW, W&W[†], W
[*Lepidium alyssoides* A. Gray var. *alyssoides*] - KTZ, FCF

[*Lepidium alyssoides* A. Gray var. *eastwoodiae* (Wooton) Rollins] - KTZ, FCF

[*Lepidium montanum* Nutt.] - HDH

[*Lepidium montanum* Nutt. var. *spatulatum* (B. L. Rob.) C. L. Hitchc.] - UTF, sensu UT material, W&W[†]

⊕ *Lepidium densiflorum* Schrad. var. *densiflorum* - Dorn01, HDH, KTZ, FCF, UTF, E/W
[*Lepidium densiflorum* Schrad.] - GPF, SF[‡], W&W

[*Lepidium montanum* Nutt. var. *spatulatum* (B. L. Rob.) C. L. Hitchc.] - W&W

Lepidium densiflorum Schrad. var. *macrocarpum* Mulligan - Dorn01, KTZ, FCF, E/W
[*Lepidium densiflorum* Schrad.] - SF[‡], W&W

[*Lepidium densiflorum* Schrad.] - UTF

Lepidium densiflorum Schrad. var. *ramosum* (A. Nels.) Thell. - Dorn01, HDH, KTZ, FCF, UTF, E/W
[*Lepidium densiflorum* Schrad.] - SF[‡], W&W

Lepidium integrifolium Nutt. var. *heterophyllum* S. Watson - KTZ, W
[*Lepidium integrifolium* Nutt. ex Torr. & A. Gray var. *heterophyllum* S. Watson] - PCF

[*Lepidium montanum* Nutt.] - Dorn01, HDH, SFW

[*Lepidium montanum* Nutt. var. *heterophyllum* (S. Watson) C. L. Hitchc.] - UTF

[*Lepidium montanum* Nutt. var. *spatulatum* (B. L. Rob.) C. L. Hitchc.] - W&W

Lepidium lasiocarpum Nutt. var. *lasiocarpum* - HDH, KTZ, W
[*Lepidium lasiocarpum* Nutt.] - SFW, W&W

[*Lepidium lasiocarpum* Nutt. ex Torr. & A. Gray var. *lasiocarpum*] - FCF, UTF

* *Lepidium latifolium* L. - Dorn01, GPF, HDH, KTZ, FCF, UTF, E/W
[*Cardaria latifolia* (L.) Spach] - SF[‡], W&W

♦ *Lepidium montanum* Nutt. var. *coloradense* Rollins - **ENDEMIC <CO>**, KTZ, SFW, W&W[†], W

[*Lepidium montanum* Nutt. ex Torr. & A. Gray var. *coloradense* Rollins] - FCF

Lepidium montanum Nutt. var. *jonesii* (Rydb.) C. L. Hitchc. - KTZ, SFW, UTF, W&W, W
[*Lepidium montanum* Nutt.] - HDH

[*Lepidium montanum* Nutt. ex Torr. & A. Gray var. *jonesii* (Rydb.) C. L. Hitchc.] - FCF

Lepidium montanum Nutt. var. *montanum* - Dorn01, KTZ, SFW, UTF, W&W[†], W
[*Lepidium montanum* Nutt.] - HDH

[*Lepidium montanum* Nutt. subsp. *montanum*] - W&W

[*Lepidium montanum* Nutt. ex Torr. & A. Gray var. *montanum*] - FCF

♦ *Lepidium montanum* Nutt. var. *tenellum* (L. O. Williams) C. L. Hitchc. - **ENDEMIC <CO>**, KTZ, SFW, W&W, W
[*Lepidium montanum* Nutt. ex Torr. & A. Gray var. *tenellum* (L. O. Williams) C. L. Hitchc.] - FCF

Lepidium montanum Nutt. var. *wyomingense* (C. L. Hitchc.) C. L. Hitchc. - KTZ, SFW, W&W¹, W

[*Lepidium montanum* Nutt. ex Torr. & A. Gray var. *wyomingensis* (C. L. Hitchc.) C. L. Hitchc.] - FCF
{*Lepidium paysonii* Rollins} - KTZ <WY>, FCF, W&W¹, label err.?

* *Lepidium perfoliatum* L. - Dorn01, GPF, HDH, KTZ, FCF, SFE, UTF, W&W, E/W

⊕ *Lepidium ramosissimum* A. Nelson var. *bougeanaum* (Theell.) Rollins - Dorn01, FCF, Hartman 06, SFW, E/W

[*Lepidium bougeanaum* Theell.] - W&W

[*Lepidium densiflorum* Schrad.] - GPF

[*Lepidium densiflorum* Schrad. var. *bougeanaum* (Theell.) C. L. Hitchc.] - HDH

[*Lepidium densiflorum* Schrad. var. *densiflorum*] - UTF

[*Lepidium ramosissimum* A. Nelson] - SFE, W&W

◆ *Lepidium ramosissimum* A. Nelson var. *divergens* (Osterh.) Rollins - **ENDEMIC <CO>**, KTZ, FCF, SFW, E/W

Lepidium ramosissimum A. Nelson var. *ramosissimum* - Dorn01, KTZ, FCF, E/W

[*Lepidium densiflorum* Schrad. var. *ramosum* (A. Nelson) Theell.] - W&W

[*Lepidium ramosissimum* A. Nelson] - GPF, HDH, SFE, W&W

* *Lepidium sativum* L. - Dorn01, GPF, KTZ, FCF, UTF, W&W¹

⊕ *Lepidium strictum* (S. Watson) Rattan - KTZ, FCF, SFW, UTF, W&W, W

⊕ *Lepidium virginicum* L. var. *medium* (Greene) C. L. Hitchc. - Dorn01, HDH, KTZ, E/W

[*Lepidium virginicum* L.] - GPF, SFE, W&W

[*Lepidium virginicum* L. var. *virginicum*] - W&W¹

⊕ *Lepidium virginicum* L. var. *pubescens* (Greene) Theell. - Dorn01, KTZ, FCF, UTF, E/W

[*Lepidium virginicum* L.] - GPF, SFE, W&W

[*Lepidium virginicum* L. var. *pubescens* (Greene) C. L. Hitchc.] - HDH

[*Lepidium virginicum* L. var. *virginicum*] - W&W¹

Lesquerella

(Identification sources: _____)

[NS - O'Kane and Al-Shehbaz placed all *Lesquerella* into *Physaria* apart from the auriculate-leaved species of the southeast, which will go into *Psyzoria*. I prefer seeing published phylogenies before making the transfer.]

Lesquerella alpina (Nutt.) S. Watson var. *alpina* - KTZ, UTF, E/W

[*Lesquerella alpina* (Nutt.) S. Watson] - Dorn01, GPF, HDH

[*Lesquerella alpina* (Nutt.) S. Watson subsp. *alpina*] - SFE

[*Lesquerella alpina* (Nutt. ex Torr. & A. Gray) S. Watson subsp. *alpina*] - W&W

[*Lesquerella alpina* (Nutt. ex Torr. & A. Gray) var. *alpina*] - FCF

Lesquerella arenosa (Richardson) Rydb. var. *arenosa* - Dorn01

[*Lesquerella ludoviciana* var. *arenosa* (Richardson) S. Watson] - KTZ

Lesquerella arenosa (Richardson) Rydb. var. *argillosa* Rollins & E. A. Shaw - Dorn01, GPF, KTZ, FCF, W&W, E

[*Lesquerella arenosa* (Richardson) Rydb.] - SFE

◆ *Lesquerella calcicola* Rollins - **ENDEMIC <CO, NM>**, HDH, KTZ, FCF, SFE, W&W, E

Lesquerella condensata A. Nelson - Dorn01, KTZ, FCF

[*Lesquerella alpina* (Nutt.) S. Watson var. *condensata* (A. Nelson) C. L. Hitchc.] - UTF

◆ *Lesquerella congesta* Rollins - **ENDEMIC <CO>**, KTZ, FCF, SFW, W&W, W

Lesquerella fendleri (A. Gray) S. Watson - GPF, HDH, KTZ, FCF, SFE, UTF, W&W, E/W

{*Lesquerella intermedia* (S. Watson) A. Heller} - HDH, KTZ, FCF, UTF, W&W

Lesquerella ludoviciana (Nutt.) S. Watson - Dorn01, GPF, HDH, KTZ, FCF, SFE, W&W, E/W

- ◆ *Lesquerella macrocarpa* A. Nelson - **ENDEMIC <WY>**, Dom01, KTZ
 - Lesquerella montana* (A. Gray) S. Watson, - Dom01, GPF, HDH, KTZ, FCF, SFE, W&W, E
 - Lesquerella ovalifolia* Rydb. ex Britton var. *ovalifolia* - E
 [Lesquerella ovalifolia Rydb.] - HDH, SFE, W&W
 [Lesquerella ovalifolia Rydb. subsp. *ovalifolia*] - GPF, FCF
 [Lesquerella ovalifolia Rydb. ex Britton subsp. *ovalifolia*] - KTZ
 - ◆ *Lesquerella parviflora* Rollins - **ENDEMIC <CO>**, KTZ, FCF, SFW, W&W, W
 - Lesquerella parvula* Greene - Dom01, KTZ, FCF, W&W¹, E/W
 [NS - see O'Kane06 for distribution details]
 [Lesquerella alpina (Nutt.) S. Watson] - HDH
 [Lesquerella alpina (Nutt.) S. Watson subsp. *parvula* (Greene) Rollins & E. A. Shaw] - SF!,
 [Lesquerella alpina (Nutt. ex Torr. & A. Gray) S. Watson subsp. *parvula* (Greene) Rollins &
 E. A. Shaw] - W&W
 [Lesquerella alpina (Nutt.) S. Watson var. *parvula* (S. Watson) S. L. Welsh & Reveal] - UTF
 - Lesquerella rectipes* Wooton & Standl. - HDH, KTZ, FCF, SFW, UTF, W&W, W
 - Lesquerella subumbellata* Rollins - HDH, KTZ, FCF, UTF, W&W¹, W
 [Lesquerella alpina (Nutt.) S. Watson subsp. *alpina*] - SFW
 [Lesquerella alpina (Nutt. ex Torr. & A. Gray) S. Watson subsp. *alpina*] - W&W
 - ◆ *Lesquerella vicina* Anderson, Reveal, & Rollins - **ENDEMIC <CO>**, KTZ, W&W¹;
 Anderson97
- * *Lobularia maritima* (L.) Desv. - Dom01, KTZ, FCF, UTF, W&W, E
 [Koniga maritima (L.) R. Br.] - HDH
 [Lobularia maritima Desv.] - SFE
- * *Lunaria annua* L. - KTZ
- * *Malcolmia africana* (L.) R. Br. - Dom01, HDH, SFW, W&W, W
 [Malcolmia africana R. Br.] - GPF, FCF, UTF
 [Malcolmia africana (L.) W. T. Aiton] - KTZ
- Nasturtium microphyllum* Boenn. ex Richenb. - *Castilleja* 23(4): 6 (2004)
- Nasturtium officinale* R. Br. - Dom01, GPF, SF!, UTF, W&W, E/W
 [Kerripa nasturtium-aquaticum (L.) Hayek] - KTZ, FCF
 [Kerripa nasturtium-aquaticum (L.) Schinz & Theil] - HDH
- Neolepia* (see *Lepidium*)
- Noceaea montana* (L.) F. K. Mey. - Dom01SF!, W&W, E/W, Koch04
 [Noceaea montana (L.) F. K. Mey. var. *montana*]
 [Thlaspi alpestre L.] - HDH
 [Thlaspi montanum L. var. *montanum*] - KTZ, FCF, UTF
- Pennellia longifolia* (Benth.) Rollins - KTZ, FCF
- Pennellia micrantha* (A. Gray) Nieuwl. - HDH, KTZ, FCF, SF!, W&W, E/W
- Physaria*

(Identification sources: _____)

- Physaria acutifolia* Rydb. var. *acutifolia* - KTZ, FCF, UTP, W
 [*Physaria acutifolia* Rydb.] - Dom01HDH, SFW, W&W
 [*Physaria australis* (Payson) Rollins] - HDH
- ◆ *Physaria alpina* Rollins - **ENDEMIC <CO>**, KTZ, FCF, SF¹, W&W, E/W
 - ◆ *Physaria bellii* Mulligan - **ENDEMIC <CO>**, KTZ, FCF, SFE, W&W, E
- Physaria brassicoides* Rydb. - Dorn01, Snow04b
 {*Physaria curvipes* (A. Nels.) Grady & O'Kane - Grady07}
 {NS - closely approaches the northern end of S. Rockies in Johnson Co., WY, just north of Natrona Co.}
- Physaria didymocarpa* (Hook.) Gray var. *didymocarpa* - Dorn01
 [*Physaria didymocarpa* var. *normalis* Kunze] - KTZ
- ◆ *Physaria eburniflora* Rollins - **ENDEMIC <WY>** Dorn01
- Physaria floribunda* Rydb. subsp. *floribunda*
 [*Physaria floribunda* Rydb.] - HDH, SF¹, UTP, W&W
 [*Physaria floribunda* Rydb. var. *floribunda*] - KTZ, FCF, E/W
- ◆ *Physaria floribunda* Rydb. subsp. *osterhoutii* (Payson) O'Kane - **ENDEMIC <CO>** O'Kane07
 [*Physaria floribunda* Rydb.] - SFW
 [*Physaria floribunda* Rydb. var. *osterhoutii* (Payson) Rollins] - KTZ, FCF, SFE, W&W¹, E/W
 [*Physaria osterhoutii* Payson] - HDH, W&W
 - ◆ *Physaria obcordata* Rollins - **ENDEMIC <CO>**, KTZ, FCF, SFW, W&W, W
 - ◆ *Physaria pruinosa* (Greene) O'Kane & Al-Shelbaz - **ENDEMIC <CO, NM>**
 [*Lesquerella pruinosa* Greene] - HDH, KTZ, FCF, SFW, W&W
 - ◆ *Physaria pulvinata* O'Kane & Reveal - O'Kane06
 - ◆ *Physaria rollinsii* Mulligan - **ENDEMIC <CO>**, KTZ, FCF, SFW, W&W, W
 - ◆ *Physaria scrotiformis* O'Kane - **ENDEMIC <CO>** O'Kane07
- Physaria sputulata* (Rydb.) Grady & O'Kane - Grady07
 [*Lesquerella alpina* (Nutt.) S. Wats. var. *sputulata* (Rydb.) Payson] - KTZ
 [*Lesquerella sputulata* Rydb.] - Grady07
 [*Lesquerella rediana* subsp. *sputulata* (Rydb.) O'Kane & Al-Shelbaz] - Al-Shelbaz02
- ◆ *Physaria vitalifera* Rydb. - **ENDEMIC <CO, WY>**, Dorn01, HDH, KTZ, FCF, SFE, W&W,
 E, Jennings04
- * *Raphanus raphanistrum* L. - HDH, KTZ, FCF, UTP, W&W
 * *Raphanus sativus* L. - Dom01GPF, HDH, KTZ, FCF, UTP, W&W

Rorippa (see also *Armoracia*, *Nasturtium*)

- (Identification sources: _____)
- Rorippa calycina* (Engelm.) Rydb. - Dorn01, KTZ
 [*Nasturtium calycinum* Engelm.] - KTZ
- Rorippa curvipes* Greene var. *alpina* (S. Watson) Stuckey - Dorn01, SFW, UTP, W&W, E/W
 [*Rorippa alpina* (S. Watson) Rydb.] - HDH, KTZ, FCF, SFE, W&W¹
- Rorippa curvipes* Greene var. *curvipes* - Dom01, KTZ, FCF, UTP, W&W, E
 [*Rorippa curvipes* Greene] - GPF, HDH, SFE, W&W¹
- Rorippa curvipes* Greene var. *integra* (Rydb.) Stuckey - Dorn01
- Rorippa curvipes* Greene var. *truncata* (Jeps.) Rollins - KTZ, FCF
 [*Rorippa truncata* (Jeps.) R. Stuckey] - Dorn01
- {*Rorippa curvisiliqua* (Hook.) Bessey ex Britton var. *lyrata* (Nutt.) Stuckey} - W&W, err. rep.
 [*Rorippa curvisiliqua* (Hook.) Bessey ex Britton var. *lyrata* (Nutt. ex Torr. & A. Gray) Stuckey] - FCF
 [*Rorippa curvisiliqua* (Hook.) Bessey ex Britton var. *lyrata* (Nutt.) M. Peck ex C. L. Hitchc.] - KTZ

- [*Rorippa lyrata* (Nutt.) Rydb.] - HDH
- {*Rorippa islandica* (Oeder ex J. A. Murray) Borbás} - HDH, W&W, err. rep.
[*Rorippa islandica* (Oeder) Borbás] - KTZ
- Rorippa palustris* (L.) Besser var. *fernaldiana* (Butters & Abbe) Stuckey - Dorn01, FCF
[*Rorippa islandica* (Oeder) Borbás var. *glabra* (O. E. Schulz) S. L. Welsh & Reveal] - UTF
[*Rorippa palustris* (L.) Besser subsp. *fernaldiana* (Butters & Abbe) Jonsell] - KTZ
[*Rorippa palustris* (L.) Besser subsp. *glabra* (O. E. Schulz) R. Stuckey var. *fernaldiana* (Butters & Abbe) Stuckey] - GPF
[*Rorippa palustris* (L.) Besser var. *glabra* (O. E. Schulz) R. Stuckey] - W&W
- Rorippa palustris* (L.) Besser var. *hispida* (Desv.) Rydb. - Dorn01, FCF, E/W
[*Rorippa hispida* (Desv.) Britton] - HDH
[*Rorippa islandica* (Oeder) Borbás var. *hispida* (Desv.) Butters & Abbe] - UTF
[*Rorippa palustris* (L.) Besser subsp. *hispida* (Desv.) Jonsell] - KTZ, SF!, W&W
[*Rorippa palustris* (L.) Besser subsp. *hispida* (Desv.) Jonsell var. *hispida*] - GPF <CO>
- Rorippa palustris* (L.) Besser var. *palustris* - FCF
- Rorippa sinuata* (Nutt.) Hitchc. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
[*Rorippa sinuata* (Nutt. ex Torr. & A. Gray) Hitchc.] - FCF
- Rorippa sphaeroarpa* (A. Gray) Britton - Dorn01, HDH, KTZ, FCF, SF!, UTF, W&W, E/W
- * *Rorippa sylvestris* (L.) Besser - GPF, Hartman06, KTZ, FCF, SFE, UTF, W&W, E
- Rorippa tenuirima* Greene - Dorn01, GPF, KTZ, FCF, SFE, UTF, W&W, E
- Rorippa teres* (Michx.) Stuckey - KTZ, SF!, W&W, E/W
[*Rorippa obtusa* (Nutt.) Britton] - HDH
[*Rorippa teres* (Michx.) Stuckey var. *teres*] - FCF

Schoenocrambe (see *Sisymbrium*, *Thelypodiopsis*)

- * *Sinapis alba* L. - KTZ, FCF, W&W
[*Brassica hirta* Moench] - GPF, HDH, UTF
[*Rorippa coloradensis* R. Stuckey] - Al-Shelhab, pers. comm., 2007, KTZ, FCF, SFE, W&W, E
- * *Sinapis arvensis* L. - Dom01, KTZ, FCF, SF!, W&W, E/W
[*Brassica kaber* (DC.) Wheeler] - GPF, HDH, UTF

Sisymbrium (see also *Arabidopsis*, *Thelypodiopsis*)

(Identification sources: _____)

- * *Sisymbrium altissimum* L. - GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W
- * *Sisymbrium austriacum* Jacq. - KTZ, SFE, W&W, E
- * *Sisymbrium irio* L. - FCF, GPF <CO>, KTZ <AZ, NM, UT>, FCF
- Sisymbrium linifolium* Nutt. - HDH
[*Schoenocrambe linifolia* (Nutt.) Greene] - Dom01, KTZ, FCF, SF!, UTF, W&W, E/W
- * *Sisymbrium loeselii* L. - GPF, KTZ, FCF, SF!, W&W, E/W
- * *Sisymbrium officinale* (L.) Scop. - HDH, KTZ, FCF, SFE, UTF, W&W, E
[*Sisymbrium officinale* (L.) Scop. var. *lelocarpum* DC.] - GPF
[*Sisymbrium officinale* (L.) Scop. var. *officinale*] - GPF

Smeadowia calycina (Steph. ex Willd.) C. A. Mey. var. *americana* (Regel & Herd.) Drury & Rollins - Dorn01, KTZ, E/W

- [*Smeadowia calycina* (Steph.) C. A. Mey.] - SP!
- [*Smeadowia calycina* (Steph. ex Willd.) C. A. Mey.] - W&W
- [*Smeadowia calycina* C. A. Mey. var. *americana* Drury & Rollins] - HDH

[*Smeadowia calycina* C. A. Mey. var. *americana* (Regel & Herd.) Drury & Rollins] - UTF
[*Smeadowia calycina* (Steph.) C. A. Mey. var. *americana* (Regel & Herd.) Drury & Rollins] - FCF

Stanleya albescens M. E. Jones - HDH, KTZ, FCF, SFW, UTF, W&W, W
Stanleya pinnata (Pursh) Britton var. *integripolia* (E. James) Rollins - GPF, HDH, FCF, W&W, W

[*Stanleya integrifolia* E. James] - UTF
[*Stanleya pinnata* (Pursh) Britton] - Dom01
[*Stanleya pinnata* (Pursh) Britton var. *integripolia* (E. James) Robins.] - SFW
[*Stanleya pinnata* (Pursh) Britton var. *integripolia* (E. James ex Torr.) Rollins] - KTZ

Stanleya pinnata (Pursh) Britton var. *pinnata* - GPF, HDH, KTZ, FCF, UTF, W&W, E/W
[*Stanleya pinnata* (Pursh) Britton] - SF!
[*Stanleya pinnata* (Pursh) Britton var. *bipinnata* (Greene) Rollins] - HDH, KTZ, FCF
Stanleya viridiflora Nutt. - Dom01, HDH, KTZ, SFW, W&W, W
[*Stanleya viridiflora* Nutt. ex Torr. & A. Gray] - FCF, UTF

Stanleyella (see *Thelypodium*)

Streptanthella longirostris (S. Watson) Rydb. var. *longirostris* - RMC, W
[*Streptanthella longirostris* (S. Watson) Rydb.] - Dom01, HDH, KTZ, FCF, SFW, UTF, W&W

Streptanthus cordatus Nutt. - Dom01, GPF, SFW, W
[*Streptanthus cordatus* Nutt. ex Torr. & A. Gray] - HDH, UTF, W&W
[*Streptanthus cordatus* Nutt. var. *cordatus*] - KTZ
[*Streptanthus cordatus* Nutt. ex Torr. & A. Gray var. *cordatus*] - FCF

Subularia aquatica L. var. *americana* (Mulligan & Calder) Bovin - KTZ, FCF, E
[*Subularia aquatica* L.] - Dom01, SFE, W&W¹

Thellungiella salicaginea (Pall.) O. E. Schulz] - SFE, W&W
[*Arabideopsis salicaginea* (Pall.) N. Busch] - KTZ, FCF, E
[*Sisymbrium salicagineum* Pall.] - HDH, rep.

Thelypodiopsis

(Identification sources: _____)

Thelypodiopsis aurea (Eastw.) Rydb. - KTZ, FCF, SFW, UTF, W&W, W
[*Sisymbrium aureum* (Eastw.) Payson] - HDH
Thelypodiopsis elegans (M. E. Jones) Rydb. - Dom01, KTZ, FCF, SFW, UTF, W&W, W
[*Sisymbrium elegans* (M. E. Jones) Payson var. *elegans*] - HDH
♦ *Thelypodiopsis juniperorum* (Payson) Rydb. - **ENDEMIC <CO>**, KTZ, FCF, SFW, W&W, W
[*Sisymbrium elegans* (M. E. Jones) Payson var. *juniperorum* (Payson) Harrington] - HDH

Thelypodiopsis linearifolia (Gray) Al-Shehbaz
[*Schoenocrambe linearifolia* (A. Gray) Rollins] - KTZ, FCF, SFT, W&W, E/W
[*Hesperidionthus linearifolius* (A. Gray) Rydb.] - HDH

Thelypodium

(Identification sources: _____)

- Thelypodium integrifolium* (Nutt.) Endl. ex Walp. var. *gracilipes* B. L. Rob. - E/W
 [Thelypodium integrifolium (Nutt.) Endl.] - Dom01, SF!, W&W
 [Thelypodium integrifolium (Nutt.) Endl. var. *gracilipes* B. L. Rob.] - UTF
 [Thelypodium integrifolium (Nutt. ex Torr. & A. Gray) Endl. subsp. *gracilipes* (B. L. Rob.) Al-Shehbaz] - FCF
 [Thelypodium integrifolium (Nutt.) Endl. ex Walp. subsp. *gracilipes* (B. L. Rob.) Al-Shehbaz] - KTZ
 [Thelypodium rhomboideum Greene var. *gracilipes* (B. L. Rob.) Payson] - HDH
- Thelypodium integrifolium* (Nutt.) Endl. ex Walp. var. *integrifolium* - E/W
 [Thelypodium integrifolium (Nutt.) Endl.] - GPF, SF!, W&W
 [Thelypodium integrifolium (Nutt.) Endl. var. *integrifolium*] - UTF
 [Thelypodium integrifolium (Nutt. ex Torr. & A. Gray) Endl. subsp. *integrifolium*] - FCF
 [Thelypodium integrifolium (Nutt.) Endl. ex Walp. subsp. *integrifolium*] - KTZ
 [Thelypodium lilacinum Greene] - HDH
 [Thelypodium rhomboideum Greene var. *rhomboideum*] - HDH
- Thelypodium laxiflorum* Al-Shehbaz - KTZ, FCF, SFW, UTF, W&W, W
- Thelypodium pumiculatum* A. Nelson - Dom01, KTZ, FCF, SFE, W&W, E
 [Thelypodium sagittatum (Nutt.) Endl.] - HDH
- Thelypodium sagittatum* (Nutt.) Endl. ex Walp. var. *sagittatum* - E
 [Thelypodiepis sagittata (Nutt.) O. E. Schulz var. *sagittata*] - UTF
 [Thelypodium sagittatum (Nutt.) Endl.] - Dom01, HDH, SFE
 [Thelypodium sagittatum (Nutt.) Engl. subsp. *sagittatum*] - FCF, W&W
 [Thelypodium sagittatum (Nutt. ex Torr. & A. Gray) Endl. ex Walp. subsp. *sagittatum*] - KTZ
- Thelypodium wrightii* A. Gray subsp. *oklahomensis* Al-Shehbaz - KTZ, FCF, SFE, W&W, E
 {*Thelypodium wrightii* A. Gray subsp. *wrightii*} - KTZ <AZ, NM> FCF, W&W, err. rep.
 [Stanleyella wrightii (A. Gray) Rydb.] - HDH
 [Thelypodium wrightii A. Gray] - GPF, UTF

Thlaspi (see also **Noeaeae**)

* *Thlaspi arvense* L. - Dom01, GPF, HDH, KTZ, FCF, SF!, UTF, W&W, E/W

- ◆ *Turritis glabra* L. var. *glabra* - SF!, W&W, Al-Shehbaz03, O'Kane03
 [*Arabis glabra* (L.) Bernh. var. *glabra*] - FCF, UTF, E/W, Rollins93
 [*Arabis glabra* (L.) Bernh.] - GPF, HDH, KTZ
 [*Arabis macrocarpa* (Nutt. ex Torr. & Gray) Torrey] - Rollins93
 [*Arabis perfoliata* Linn.] - Rollins93
 [*Turritis glabra* var. *ilicina* O. E. Schulz] - Rollins93
 [*Turritis macrocarpa* Nutt. ex Torr. & Gray] - Rollins93

Wislizenia refracta Engelm. subsp. *refracta* - KWA, M&H, W&S, KTZ
 [*Wislizenia refracta* var. *mellilotoides* (Greene) L.M. Johnston] - KTZ

Caetaceae - CAC

(Identification sources: _____)

- Coryphantha missouriensis* (Sweet) Britton & Rose var. *missouriensis* - GPF, UTF, E/W
 [*Coryphantha missouriensis* (Sweet) Britton & Rose] - Dom01, SF!, W&W
 [*Echinocactus missouriensis* (Sweet) D. R. Hunt var. *missouriensis*] - KTZ
 [*Mammillaria missouriensis* Sweet] - HDH
 {*Coryphantha vivipara* (Nutt.) Britton & Rose var. *arizonica* (Engelm.) W. T. Marshall} - UTF,

W&W

[*Escobaria vivipara* (Nutt.) Buxbaum var. *arizonica* (Engelm.) D. R. Hunt] - KTZ

Coryphantha vivipara (Nutt.) Britton & Rose var. *radiosa* (Engelm.) Backeb.} - M&H, GPF
<CO>, KTZ, SFW, W&W, W

[*Escobaria vivipara* (Nutt.) Buxbaum var. *radiosa* (Engelm.) D. R. Hunt] - KWA, KTZ

[*Mammillaria vivipara* (Nutt.) Haw.] - HDH

Coryphantha vivipara (Nutt.) Britton & Rose var. *vivipara* - GPF, SFE, UTF, W&W, E
[*Coryphantha vivipara* (Nutt.) Britton & Rose] - Dom01

[*Escobaria vivipara* (Nutt.) Buxbaum var. *vivipara*] - KTZ

[*Mammillaria vivipara* (Nutt.) Haw.] - HDH

Cylindropuntia (see *Opuntia*)

Echinocactus (see *Pedioecactus, Sclerocactus*)

Echinocerus

(Identification sources: _____)

Echinocereus coccineus Engelm. var. *coccineus* - HDH, KTZ, W

[*Echinocereus coccineus* Engelm. var. *internus* (K. Schum.) Boiss.] - HDH

[*Echinocereus triglochidiatus* Engelm. var. *melanacanthus* (Engelm.) L. D. Benson] - UTF, W&W

[*Echinocereus triglochidiatus* Engelm. var. *triglochidiatus*] - W&W

Echinocereus fendleri (Engelm.) F. Seitz var. *fendleri* - KTZ, W

[*Echinocereus fendleri* (Engelm.) F. Seitz] - KTZ

[*Echinocereus fendleri* (Engelm.) Rümpler] - HDH, SFW, W&W

Echinocereus reichenbachii (Terscheck ex Walp.) F. Haage var. *perbellus* (Britton & Rose) L. D. Benson - GPF, KTZ, E

[*Echinocereus reichenbachii* (Terscheck) F. Haage] - HDH

[*Echinocereus reichenbachii* (Terscheck) F. Haage var. *perbellus* (Britton & Rose) L. D. Benson] - SFE, W&W

Echinocereus triglochidiatus Engelm. var. *mtojavensis* (Engelm. & Bigel.) Benson - FCF

Echinocereus triglochidiatus Engelm. var. *neomexicanus* (Standl.) Standl. ex W.T. Marshall - KWA, M&H

[Some [see KWA] feel this may be a sterile hybrid between *E. coccineus* x *E. chloranthus*]

[*Echinocereus coccineus* var. *arizonicus* (Rose ex Orcutt) Ferguson] - KTZ <AZ>

[*Echinocereus neomexicanus* Standl.] - M&H

[*Echinocereus rosei* Woot. & Standl.] - M&H

[*Echinocereus polyacanthus* Engelm.] - M&H

[*Cereus neomexicanus* (Standl.) Tidestr.] - IPNL

Echinocereus triglochidiatus Engelm. var. *triglochidiatus* - KTZ, W&W, E/W

[*Echinocereus triglochidiatus* Engelm.] - HDH, SF!

[*Echinocereus triglochidiatus* Engelm. var. *gonacanthus* (Engelm. & Bigelow) Boissev. & C. Davidson] - W&W

Echinocereus viridiflorus Engelm. var. *viridiflorus* - KTZ, E

[*Echinocereus viridiflorus* Engelm.] - Dom01, GPF, HDH, SFE, W&W

Escobaria (see *Coryphantha*)

Mammillaria (see also *Coryphantha*)

Mammillaria heyderi Muehlenpf. - KTZ

[NS – B. Legler (pers. comm. 2009) also confirms 2 collections from Colfax Co., NM; mostly likely the typical variety]

Opuntia

(Identification sources: _____)

Opuntia cymochila Engelm. & Bigelow - KTZ, E

[*Opuntia macrocarpa* Engelm. var. *macrocarpa*] L. Benson - GPF, KTZ
[*Opuntia macrocarpa* Engelm.] - Dom01, SFE, UTF, W&W

{Opuntia davisii Engelm. & Bigelow} - HDH

[*Cylindropuntia davisii* (Engelm. & Bigelow) Korth] - W&W, err. rep.
[*Opuntia tunicata* (Lohm.) Link & Otto var. *davisii* (Engelm. & Bigelow) L. D. Benson] - GPF, KTZ <NM,
OK>

Opuntia engelmannii Salm-Dyck var. *engelmannii* - KWA, KTZ

[*Opuntia discata* Griffiths] - KWA
[*Opuntia dillie* Griffiths] - KWA, KTZ
[*Opuntia megacarpa* Griffiths] - KTZ
[*Opuntia microcarpa* Engelm. ex B. D. Jackson] - KWA
[*Opuntia occidentalis* var. *megacarpa* (Griffiths) Muz] - KTZ
[*Opuntia phaeacantha* Engelm. var. *discata* (Griffiths) Benson] - KWA, M&H
[*Opuntia turdospina* Griffiths] - KWA

Opuntia erinacea Engelm. & Bigelow ex Engelm. var. *erinacea* - KTZ, W

[*Opuntia erinacea* Engelm.] - SFW
[*Opuntia erinacea* Engelm. var. *erinacea*] - UTF
[*Opuntia erinacea* Engelm. & Bigelow var. *erinacea*] - W&W
[*Opuntia hystrixina* Engelm. & Bigelow] - HDH

Opuntia erinacea Engelm. & Bigelow ex Engelm. var. *utahensis* (Engelm.) L. D. Benson -
Dom01, KTZ

[*Opuntia erinacea* Engelm. var. *utahensis* (Engelm.) L. D. Benson] - UTF
[*Opuntia erinacea* Engelm. & Bigelow var. *utahensis* (Engelm.) L. D. Benson] - GPF, W&W
[*Opuntia rhodantha* K. Schum.] - HDH

Opuntia fragilis (Nutt.) Haw. var. *brachyarthra* (Engelm. & Bigelow) J. M. Coulter - KTZ, SFW,
W&W, W

[*Opuntia fragilis* (Nutt.) Haw.] - Dom01, UTF
[*Opuntia schweriniana* K. Schum.] - HDH

Opuntia fragilis (Nutt.) Haw. var. *fragilis* - KTZ, W&W, E

[*Opuntia fragilis* (Nutt.) Haw.] - GPF, HDH, SFE, UTF

◆ Opuntia heacockiae Arp - **ENDEMIC** <CO>, KTZ, SFE, W&W, E

{Opuntia humifusa (Raf.) Raf.} - GPF, W&W, err. rep.

[*Opuntia humifusa* Raf.] - HDH
[*Opuntia humifusa* (Raf.) Raf. var. *humifusa*] - KTZ

Opuntia imbricata (Haw.) DC. var. *imbricata* - KTZ, E/W

[*Cylindropuntia imbricata* (Haw.) Knuth] - SFW, W&W
[*Opuntia arborescens* Engelm.] - HDH
[*Opuntia imbricata* (Haw.) DC.] - GPF

Opuntia macrocentra Engelm. - KWA

[*Opuntia violacea* Engelm.] - KTZ
[*Opuntia violacea* var. *cavitteri* L. Benson] - KTZ
[*Opuntia violacea* var. *macrocentra* (Engelm.) L. Benson] - KTZ, M&H

Opuntia phaeacantha Engelm. var. *camanchica* (Engelm. & Bigelow) L. D. Benson - GPF, KTZ,
W&W, E/W

- [*Opuntia phaeacantha* Engelm.] - HDH, SF!
- Opuntia phaeacantha* Engelm. var. *major* Engelm. - GPF, KTZ, UTF, W&W
- [*Opuntia phaeacantha* Engelm. var. *phaeacantha*] - GPF, KTZ, UTF, <CO fide L. D. Benson>
- Opuntia polyacantha* Haw. var. *jumperina* (Britton & Rose) L. D. Benson - Doen01, KTZ, W
 [*Opuntia polyacantha* Haw.] - W
 [*Opuntia polyacantha* Haw. var. *polyacantha*] - UTF, W&W
- Opuntia polyacantha* Haw. var. *polyacantha* - Dorn01, GPF, KTZ, UTF, W&W, E/W
 [*Opuntia polyacantha* Haw.] - HDH, SF!
 [*Opuntia retila* Nutt.] - HDH!
- Opuntia polyacantha* Haw. var. *rufispina* (Engelm. & Bigelow ex Engelm.) L. D. Benson -
 Doen01, KTZ, W
 [*Opuntia polyacantha* Haw.] - HDH, SFW
 [*Opuntia polyacantha* Haw. var. *rufispina* (Engelm. & Bigelow) L. D. Benson] - UTF
 [*Opuntia polyacantha* Haw. var. *rufispina* (Engelm.) L. D. Benson] - W&W
- Opuntia polyacantha* Haw. var. *trichophora* (Engelm. & Bigelow) J. M. Coulter. - GPF, UTF,
 KTZ.
- [*Opuntia polyacantha* Haw. var. *polyacantha*] - W&W
 [*Opuntia trichophora* (Engelm.) Britton & Rose] - HDH
- Opuntia X viridiflora* Britton & Rose - KTZ
 [*Cylindropuntia viridiflora* (Britton & Rose) F. M. Knuth] - KWA
 [*Opuntia imbricata* X *O. whipplei*] - KTZ (pro sp.) - KTZ
 [*Opuntia whipplei* Engelm. var. *viridiflora* (Britton & Rose) L. Benson] - KWA
- Opuntia whipplei* Engelm. & Bigelow var. *whipplei* - UTF, W
 [*Cylindropuntia whipplei* (Engelm. & Bigelow) Knuth] - SFW, W&W
 [*Opuntia whipplei* Engelm. & Bigelow] - KTZ
- ♦ *Opuntia wootonii* Griffiths - **ENDEMIC <NM>**
 [*Opuntia engelmannii* var. *wootonii* (Griffiths) Fosberg] - KTZ
 [*Opuntia phaeacantha* var. *wootonii* (Griffiths) L. D. Benson] - KWA, M&H, KTZ
- {*Pediocactus knowltonii* L. D. Benson} - KTZ, SFW, W&W, W
- Pediocactus simpsonii* (Engelm.) Britton & Rose var. *simpsonii* - Dorn01, KTZ, W&W, E/W
 [*Echinocactus simpsonii* Engelm.] - HDH
 [*Pediocactus simpsonii* (Engelm.) Britton & Rose] - GPF, SFW, UTF
 [*Pediocactus simpsonii* (Engelm.) Britton & Rose var. *minor* (Engelm.) Cockerell] - KTZ, SFE, W&W
- Sclerocactus cloveriae* K. D. Heil & J. M. Porter subsp. *cloveriae* - KTZ
 [*Sclerocactus cloveriae* K. D. Heil & J. M. Porter] - KTZ
- Sclerocactus glaucus* (J. A. Purpus ex K. Schum.) L. D. Benson - KTZ, W
 [*Echinocactus whipplei* Engelm. & Bigelow] - HDH
 [*Sclerocactus glaucus* (K. Schum.) L. D. Benson] - SFW, W&W
 [*Sclerocactus whipplei* (Engelm.) Britton & Rose var. *noseae* (Cleve) L. D. Benson] - UTF
 [*Sclerocactus whipplei* (Engelm.) Britton & Rose var. *glaucus* (Purpus) S. Welsh] - UT3
- ♦ *Sclerocactus mesae-verdae* (Boissov.) Boissov. & C. Davidson L. D. Benson
 - **ENDEMIC <CO, NM>**, KTZ, W
 [*Echinocactus mesae-verdae* (Boissov. & C. Davidson) L. D. Benson] - HDH
 [*Sclerocactus mesae-verdae* Boissov. & C. Davidson] - SFW
 [*Sclerocactus mesae-verdae* (Boissov.) L. D. Benson] - UTF
 [*Sclerocactus mesae-verdae* (Boissov. & C. Davidson) L. D. Benson] - W&W
- Sclerocactus parviflorus* Clover & Jotter var. *intermedius* (Peebles) Woodruff & L. D. Benson - W
 [*Echinocactus whipplei* Engelm. & Bigelow] - HDH
 [*Sclerocactus parviflorus* Clover & Jotter] - W&W
 [*Sclerocactus parviflorus* Clover & Jotter subsp. *intermedius* (Peebles) K. D. Heil & J. M. Porter] - KTZ

- [*Sclerocactus whipplei* (Engelm.) Britton & Rose var. *roseus* (Cleve) L. D. Benson] - UTP
- [*Sclerocactus whipplei* (Engelm. & Bigelow) Britton & Rose var. *intermedius* (Peebles) Benson] - SFW
- Sclerocactus parviflorus* Clover & Jotter var. *parviflorus*
 - [*Sclerocactus parviflorus* Clover & Jotter] - W&W
 - [*Sclerocactus parviflorus* Clover & Jotter subsp. *parviflorus*] - KTZ
 - [*Sclerocactus whipplei* (Engelm.) Britton & Rose var. *roseus* (Cleve) L. D. Benson] - UTP

Caesalpiniaceae (see FAB)

Calochortaceae (see LIL)

Callitrichaceae - CLL

- Callitricha hermaphroditica* L. - Dom01, GPF, HDH, IMF, KTZ, SF1, UTP, W&W, E/W
- Callitricha heterophylla* Pursh var. *heterophylla* - KWA, KTZ, M&H, E/W
 - [*Callitricha acceps* Fern.] - KTZ
 - [*Callitricha heterophylla* Pursh] - GPF, HDH, IMF, SF1, UTP, W&W, doubtful, W&W¹
 - [*Callitricha heterophylla* Pursh subsp. *heterophylla*] - KTZ
- Callitricha palustris* L. - Dom01, HDH, IMF, KTZ, E/W
 - [*Callitricha verna* L.] - GPF, KTZ, SF1, UTP, W&W

Campanulaceae - CAM (including Lobeliaceae)

- (Identification sources: _____)
- Campanula aparinoides* Pursh - Dom01, GPF, HDH rep., KTZ, SFE, W&W, E
 - * *Campanula glomerata* L. - KTZ<UT>, UTP
 - [WJ - rapidly spreading through vacant lots in Marble, Gunnison Co.]
 - Campanula parryi* A. Gray var. *parryi* - IMF, KTZ, E/W
 - [*Campanula parryi* A. Gray] - Dom01, HDH, SF1, UTP, W&W
 - * *Campanula rapunculoides* L. - Dom01, GPF, HDH, coer. & add., IMF, KTZ, SFE, W&W, E
 - Campanula rotundifolia* L. - Dom01, GPF, HDH, IMF, KTZ, SF1, UTP, W&W, E/W
 - [*Campanula gieseckiana* Vest] - SFE
 - [*Campanula groenlandica* Berlin] - SFE
 - [*Campanula rotundifolia* L. subsp. *groenlandica* (Berlin) A. Löve & D. Löve] - SFW, possibly, alpine race
 - Campanula uniflora* L. - Dom01, HDH, IMF, KTZ, SF1, UTP, W&W, E/W

Downingia laeta (Greene) Greene - Dom01, KTZ

Heterocodon rariflorum Nutt. - HDH, IMF, KTZ, SFW, W&W, W

- [*Specularia rariflora* (Nutt.) McVaugh] - KTZ

Legousia (see Triodanis)

- Lobelia cardinalis* L. - GPF, KTZ, E
 - [*Lobelia cardinalis* L. subsp. *graminea* (Lam.) McVaugh] - HDH, IMF, SFE, UTP, W&W
 - {*Lobelia kalmii* L.} - HDH rep., GPF <CO>, KTZ, W&W, doubtful
- Lobelia siphilitica* L. var. *ludoviciana* A. DC. - Dom01, GPF, HDH, KTZ, SFE, W&W, E
 - {*Lobelia X speciosa* Sweet var. *occidentalis* Bowden} - KTZ

{*Lobelia spicata* Lam.] - HDH, rep. <NE>, KTZ <KS, NE, OK>

{*Porterella camosa* (Hook. & Arn.) Torr.] - HDH, exp., IMF <CO>, KTZ <AZ, UT, WY>, UTF

Specularia (see **Heterodon**, **Triodanis**)

Triodanis holzingeri McVaugh - Dorn01, GPF, HDH, KTZ, SFE, possible hybrid, W&W, E
[*Specularia holzingeri* (McVaugh) Fern.] - KTZ

Triodanis leptocarpa (Nutt.) Nieuwl. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
[*Specularia leptocarpa* (Nutt.) Gray] - KTZ

◆ *Triodanis perfoliata* (L.) Nieuwl. - Dorn01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
[*Legousia perfoliata* (L.) Britt.] - KTZ
[*Specularia perfoliata* (L.) A. DC.] - KTZ

Cannabaceae - CAN (including some formerly in ULM)

**Cannabis sativa* L. - Dorn01, FNA, HDH, SF!, W&W, E/W

[*Cannabis sativa* L. subsp. *indica* (Lam.) Small & Cronquist] - UTF

[*Cannabis sativa* L. subsp. *sativa*] - UTF

[*Cannabis sativa* L. subsp. *sativa* var. *sativa*] - GPF, KTZ

[*Cannabis sativa* L. subsp. *sativa* var. *spontanea* Vavilov] - GPF

◆ *Celtis occidentalis* L. - Dorn01, GPF, HDH, KTZ, UTF, W&W, cult.

Celtis reticulata Torr. - GPF, SF!, UTF, W&W, E/W

[NS - Alan Whittemore, National Arboretum, indicates [pers. comm., 2007] that this is the correct name for plants in our region, but not the correct one for plants farther south and east]

[*Celtis laevigata* Willd. var. *reticulata* (Torr.) L. D. Benson] - KTZ

[*Celtis occidentalis* L.] - HDH

{*Humulus lupulus* L. var. *lupuloides* E. Small] - FNA, GPF, KTZ <KS, NE, UT, WY>, E/W

[*Humulus americanus* Nutt.] - HDH, UTF

[*Humulus lupulus* L. subsp. *americanus* (Nutt.) A. Löve & D. Löve] - SF!, W&W²

[*Humulus lupulus* L. var. *americanus* (Nutt.) A. Löve & D. Löve] - W&W

Humulus lupulus L. var. *neomexicanus* A. Nelson & Cockerell - Dorn01, FNA, GPF, KTZ

Cleomaceae - CMC

Cristatella (see **Polanisia**)

Cleome lutea Hook. var. *lutea* - Dorn01, KTZ, W

[*Cleome lutea* Hook.] - GPF, HDH, SFW, UTF, W&W

Cleome multicarinata Sessé & Moq. ex DC. - Dorn01, W&W, E

[*Cleome multicarinata* DC.] - KTZ

[*Cleome multicarinata* Sessé & Moq.] - SFE

[*Cleome sonorae* A. Gray] - HDH

Cleome serrulata Pursh - Dorn01, GPF, KTZ, SF!, W&W, E/W

[*Cleome serrulata* Pursh forma *inornata* (Greene) W. A. Weber] - SF!

[*Cleome serrulata* Pursh var. *angusta* (M. E. Jones) Tidestr.] - HDH, UTF

[*Cleome serrulata* Pursh var. *serrulata*] - HDH, UTF

- Cleomella angustifolia* Torr. - GPF, HDH, KTZ, SFE, W&W, E
Cleomella palmeriana M. E. Jones - HDH rep., KTZ, SFW, W&W, W
 [Cleomella monosiac Payson] - HDH
 [Cleomella nana Eastw.] - HDH
 [Cleomella palmeriana M. E. Jones var. palmeriana] - UTF
Cleomella plocasperma - FCF

- {*Polanisia dodecandra* (L.) DC. var. *dodecandra*}
 [{*Polanisia dodecandra* (L.) DC. subsp. *dodecandra*] - GPF, KTZ
 [{*Polanisia graveolens* Raf.] - HDH, rep.
Polanisia dodecandra (L.) DC. var. *trachysperma* (Torr. & A. Gray) H. H. Iltis - UTF, E/W
 [{*Polanisia dodecandra* (L.) DC.] - SF!, W&W
 [{*Polanisia dodecandra* (L.) DC. subsp. *trachysperma* (Torr. & A. Gray.) H. H. Iltis] - GPF, KTZ
 [{*Polanisia trachysperma* Torr. & A. Gray] - Dorn01, HDH
Polanisia jamesii (Torr. & A. Gray) H. H. Iltis - GPF, KTZ, SFE, W&W, E
 [{*Cristatella jamesii* Torr. & A. Gray] - HDH

Capparaceae (see CMC)

Caprifoliaceae - (CPR)

(Identification sources: _____)

Diastegia (see Lonicera)

- Lonicera dioica* L. var. *glaucescens* (Rydb.) Butters - Dorn01, KTZ
 [{*Lonicera dioica* var. *dasygyna* (Rehd.) Gleason] - KTZ
 [{*Lonicera dioica* var. *glaucescens* (Rydb.) Butters] - KTZ
 [{*Lonicera dioica* var. *orientalis* Gleason] - KTZ
 [{*Lonicera glaucescens* (Rydb.) Rydb.] - KTZ
 [{*Lonicera glaucescens* var. *dasygyna* Rehd.] - KTZ
Lonicera involucrata (Richardson) Banks ex Spreng. var. *involucrata* - IMF, E/W
 [{*Diastegia involucrata* (Banks) Cockerell] - SF!
 [{*Diastegia involucrata* (Banks ex Spreng.) Cockerell] - W&W
 [{*Lonicera involucrata* (Richardson) Banks] - HDH
 [{*Lonicera involucrata* (Richardson) Banks ex Spreng.] - UTF
 [{*Lonicera involucrata* (Banks ex Spreng.) - Dorn01
 [{*Lonicera involucrata* (Banks ex Spreng. var. *involucrata*] - KTZ
 * *Lonicera morrowii* A. Gray - Dorn01, KTZ, SF!, W&W, E/W
 * *Lonicera tatarica* L. - Dorn01, GPF, KTZ, SFE, UTF, W&W, E
 {*Lonicera utahensis* S. Watson} - HDH, exp., IMF, KTZ <AZ,NM,UT,WY>, UTF, W&W, misid.
Lonicera x bella Zabel - WY checklist
 [{*Lonicera morrowii* x *L. tatarica*] - KTZ
Lonicera x minutiflora Zabel - WY checklist
 [{*Lonicera morrowii* x *L. xylosteoides*] - KTZ
 [{*Lonicera x muerdeniensis*] - KTZ

Sambucus (see SAM)

- Symphoricarpos albus* (L.) S. F. Blake var. *albus* - Dom01, IMF, KTZ, E
 [Symphoricarpos albus (L.) S. F. Blake] - GPF, HDH, SFE, UTF, W&W
 [Symphoricarpos rivularis Suksd.] - HDH
- {*Symphoricarpos albus* (L.) S. F. Blake var. *laevigatus* (Fernald) S. F. Blake} - IMF, KTZ
- Symphoricarpos longiflorus* A. Gray - HDH, IMF, KTZ, SFW, UTF, W&W, W
- Symphoricarpos occidentalis* Hook. - Dom01, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
 {*Symphoricarpos orbiculatus* Moench} - GPF, KTZ <KS, NE, OK, UT>, UTF, W&W, cult.
 [*Symphoricarpos orbiculatus* A. Gray] - HDH, rep.
- Symphoricarpos oreophilus* A. Gray var. *oreophilus* - IMF, KTZ, UTF, E/W
 [Symphoricarpos oreophilus A. Gray] - HDH
- [*Symphoricarpos rotundifolius* A. Gray] - SF1, W&W[†]
- Symphoricarpos oreophilus* A. Gray var. *utahensis* (Rydb.) A. Nelson - Dom01, KTZ, UTF, E/W
 [Symphoricarpos rotundifolius A. Gray] - SF1, W&W[†]
- [*Symphoricarpos tetonensis* A. Nelson] - HDH
- [*Symphoricarpos utahensis* Rydb.] - HDH
- [*Symphoricarpos vaccinoides* Rydb.] - HDH
- Symphoricarpos rotundifolius* A. Gray var. *rotundifolius* - KTZ, E/W
 [Symphoricarpos palmeri G. N. Jones] - GPF, HDH, KTZ
 [Symphoricarpos rotundifolius A. Gray] - HDH, SF1, W&W

Viburnum (see VIB)

Caryophyllaceae - CRY (including Alsinaceae)

(Identification sources: _____)

- * *Agrostemma brachyloba* (Fenzl) Hammer - KTZ, W&W[†], rep.
 [NS - a garden waif from Boulder; not considered established by FNA 5: 215]
 {*Agrostemma gracilis* Boiss.} - W&W
- Agrostemma githago* L., var. *githago* - FNA
 [*Agrostemma githago* L.] - Dom01, GPF, HDH rep., KTZ?, RMC, W&W[†], rep.

Alsinanthe (see *Minuartia*)

Alsine (see *Stellaria*)

Anotites (see *Silene*)

Arenaria

(Identification sources: _____)

Arenaria (see also *Eremogone*, *Minuartia*, *Moehringia*)

- Arenaria lanuginosa* (Michx.) Rohrbach var. *saxosa* (A. Gray) Zarzecchi, R. L. Hartm. & Rabelcer - FNA
- [*Arenaria confusa* Rydb.] - FNA, HDH
- [*Arenaria lanuginosa* (Michx.) Rohrb.] - UTF
- [*Arenaria lanuginosa* (Michx.) Rohrb. var. *cinerascens* (B. L. Rob.) Shinners] - FNA, E/W

- [*Arenaria lanuginosa* (Michx.) Rohrb. subsp. *saxosa* (A. Gray) Maguire - FNA, KTZ]
- [*Arenaria saxosa* A. Gray] - FNA, HDH
- [*Spergularia lanuginosum* Michx. subsp. *saxosum* (A. Gray) W. A. Weber] - FNA, SFI, W&W
- * *Arenaria serpyllifolia* L. var. *serpyllifolia* - FNA
- [*Arenaria serpyllifolia* L.] - Dom01, GPF, HDH, KTZ, SFI, UTF, W&W
- [*Arenaria serpyllifolia* L. subsp. *serpyllifolia*] - E

Cerastium

(Identification sources: _____)

Cerastium arvense L., subsp. *strictum* Gaudin - FNA

- [NS - see FNA 5: 80 for lengthy synonymy, including many combinations by either Greene or A. Nels.]
- [*Cerastium arvense* L.] - Dom01, GPF, HDH, UTF, E/W
- [*Cerastium arvense* L. subsp. *fuegianum* (Hook.) Ugbor.] - KTZ
- [*Cerastium arvense* L. subsp. *strictum* (L.) Ugbor.] - KTZ
- [*Cerastium strictum* L.] - SFI, W&W

Cerastium arctagineum Cham. & Schltdl. - FNA, HDH, UTF

- [NS - see FNA 5:81 for additional synonymy]
- [*Cerastium arctagineum* Cham. & Schltdl. var. *capillare* Fernald & Wiegand] - Dom01, E/W
- [*Cerastium arctagineum* Cham. & Schltdl. subsp. *earlei* (Rydb.) Hultén] - KTZ, SFI, W&W

Cerastium brachypodium (Engelm. ex A. Gray) B. L. Rob. - Dom01, FNA, GPF, KTZ, E/W

- [*Cerastium adsurgens* Raf.] - FNA
- [*Cerastium adsurgens* Raf. var. *brachypodium* Engelm. ex A. Gray] - FNA
- [*Cerastium brachypodium* (Engelm.) B. L. Rob.] - HDH
- [*Cerastium brachypodium* (Engelm.) B. L. Rob. var. *compactum* B. L. Rob.] - FNA
- [*Cerastium natans* Raf. var. *brachypodium* Engelm.] - SFI
- [*Cerastium natans* Raf. var. *brachypodium* Engelm. ex A. Gray] - W&W
- [*Cerastium natans* Raf.] - UTF

Cerastium fastigiatum Legler, pers. comm.

- [NS - FNA (Vol. 5: 85) discusses the taxonomy of this and related species. Legler reports several collections from Colfax Co., NM but confirms the taxonomy of the species complex may need more attention]

* *Cerastium fontanum* Baumg. subsp. *vulgare* (Hartm.) Greuter & Burdet - FNA, KTZ, E/W

- [*Cerastium caespitosum* Gilbert] - FNA
- [*Cerastium caespitosum* Baumg. subsp. *triviale* (Link) Jalas] - FNA
- [*Cerastium triviale* Link] - FNA
- [*Cerastium vulgare* Hartman] - FNA
- [*Cerastium vulgatum* L.] - GPF
- [*Cerastium vulgatum* L. var. *hirutum* Fries] - FNA, HDH

* *Cerastium glomeratum* Thuill. - GPF, KTZ <KS, NM, OK>

- [NS - FNA report for NM may not apply yet, but taxon widespread and likely to be collected in our area soon]
- [*Cerastium viscosum* L.] - HDH, esp.

Cerastium nutans Raf. var. *nutans* - FNA, KTZ

- [*Cerastium longipedunculatum* Muhl. ex Brin.] - FNA
- [*Cerastium nutans* Raf.] - GPF, HDH, UTF
- [*Cerastium nutans* Raf. var. *occidentale* B. Boivin] - FNA

Conosilene (see *Silene*)

Coronaria (see *Silene*)

* *Dianthus armeria* L. - Dorn01, FNA, GPF, KTZ, SF!, UTF, W&W
[*Dianthus armeria* L. subsp. *armeria*] - E/W

* *Dianthus barbatus* L. - Dorn01, KTZ, UTF

[NS - FNA does not indicate subsp. *barbatus* in our region]
[*Dianthus barbatus* L. subsp. *barbatus*] - RMC

* *Dianthus deltoides* L., subsp. *deltoides* - FNA, E/W
[*Dianthus deltoides* L.] - Dorn01, KTZ, SF!, UTF, W&W

Drymaria depressa Greene - FNA

[*Drymaria effusa* A. Gray var. *depressa* (Greene) Duke] - KTZ, SFE, W&W, E

Drymaria glandulosa Bartlin in C. Presl var. *glandulosa* - B. Legler, pers. comm. 2009
[NS - Legler reports multiple collections from Colfax Co., NM]

Drymaria leptophylla (Cham. & Schlehd.) Fenzl ex Roherb. var. *leptophylla* - FNA, KTZ, W&W,
err. rep.

Drymaria molluginosa (Seringe) Didrichsen - B. Legler, pers. comm. 2009

[NS - Legler reports multiple collections from Colfax Co., NM]

Eremogone

(Identification sources: _____)

Eremogone congesta (Nutt.) Ikonn. var. *congesta* - Dom01, FNA

[*Arenaria congesta* Nutt. ex Torr. & A. Gray] - HDH

[*Arenaria congesta* Nutt. var. *congesta*] - KTZ, UTF, E/W

[*Eremogone congesta* (Nutt.) Ikonn.] - SF!

[*Eremogone congesta* (Nutt. ex Torr. & A. Gray) Ikonn.] - W&W

Eremogone congesta (Nutt.) Ikonn. var. *lithophila* (Rydb.) Dorn - Dom01, FNA

[*Arenaria congesta* Nutt. var. *congesta*] - UTF

[*Arenaria congesta* Nutt. var. *lithophila* (Rydb.) Maguire] - KTZ, E/W

[*Eremogone congesta* (Nutt.) Ikonn.] - SF!

Eremogone eastwoodiae (Rydb.) Ikonn. - FNA

[*Arenaria eastwoodiae* Rydb. var. *adenophora* Kearney & Peebles] - KTZ, W

Eremogone eastwoodiae (Rydb.) Ikonn. var. *adenophora* (Kearney & Peebles) R. L. Hartman & Rabeler - FNA

[*Arenaria eastwoodiae* Rydb. var. *adenophora* Kearney & Peebles] - FNA

[*Arenaria fendleri* A. Gray var. *eastwoodiae* (Rydb.) Harrington] - HDH

[*Arenaria fendleri* A. Gray var. *eastwoodiae* (Rydb.) S. L. Welsh] - UTF

[*Eremogone kingii* (S. Watson) Ikonn. subsp. *uintahensis* (A. Nelson) W. A. Weber] - SFW, W&W

Eremogone fendleri (A. Gray) Ikonn. - Dom01, FNA, SF!

[*Arenaria fendleri* A. Gray] - GPF

[*Arenaria fendleri* A. Gray var. *brevifolia* (Maguire) Maguire] - KTZ, E/W

[*Arenaria fendleri* A. Gray var. *diffusa* Porter & Coulter] - FNA

[*Arenaria fendleri* A. Gray var. *fendleri*] - UTF, HDH, KTZ, UTF, E/W

[*Arenaria fendleri* A. Gray var. *porteri* Rydb.] - FNA

[*Arenaria fendleri* A. Gray var. *tweedyi* (Rydb.) Maguire] - HDH, KTZ

Eremogone hookeri (Nutt.) W. A. Weber var. *hookeri* - Dom01, FNA

[*Arenaria hookeri* Nutt. ex Torr. & A. Gray] - HDH

[*Arenaria hookeri* Nutt. subsp. *desertorum* (Maguire) W. A. Weber] - FNA, KTZ

[*Arenaria hookeri* Nutt. var. *desertorum* Maguire] - FNA, UTF

[*Arenaria hookeri* Nutt. subsp. *hookeri*] - KTZ

[*Arenaria hookeri* Nutt. ex Torr. & A. Gray var. *hookeri*] - GPF

[*Eremogone hookeri* (Nutt.) W. A. Weber] - SF!

- [*Eremogone hookeri* (Nutt. ex Torr. & A. Gray) W. A. Weber subsp. *desertorum* (Maguire) W. A. Weber] - W&W
 [*Eremogone hookeri* (Nutt. ex Torr. & A. Gray) W. A. Weber subsp. *hookeri*] - W&W
- Eremogone hookeri* (Nutt.) W. A. Weber var. *pinetorum* (A. Nels.) Dorn - Dorn01, FNA
 [*Arenaria hookeri* Nutt. ex Torr. & A. Gray] - HDH
 [*Arenaria hookeri* Nutt. ex Torr. & A. Gray var. *pinetorum* (A. Nelson) Maguire] - GPF
 [*Arenaria hookeri* Nutt. subsp. *pinetorum* (A. Nelson) W. A. Weber] - KTZ
 [*Arenaria hookeri* Nutt. var. *pinetorum* (A. Nelson) Maguire] - E/W
 [*Eremogone hookeri* (Nutt.) W. A. Weber] - SFT
 [*Eremogone hookeri* (Nutt. ex Torr. & A. Gray) W. A. Weber subsp. *pinetorum* (A. Nelson) W. A. Weber] - W&W
- Eremogone kingii* (S. Watson) Ikonn. var. *glabrescens* (S. Watson) Dorn - Dorn01
 [*Arenaria fendleri* A. Gray var. *glabrescens* S. Watson] - UTF
 [*Arenaria kingii* (S. Watson) M. E. Jones var. *glabrescens* (S. Watson) Maguire] - RMC, W
 [*Arenaria kingii* (S. Watson) M. E. Jones subsp. *uintahensis* (A. Nelson) Maguire] - KTZ
 [*Arenaria uintahensis* A. Nelson] - HDH
 [*Eremogone kingii* (S. Watson) Ikonn. subsp. *uintahensis* (A. Nelson) W. A. Weber] - SFW, W&W

Gastrolychnis (see *Silene*)

- * *Gypsophila elegans* M. Bieb. - FNA, GPF, KTZ, SF1, UTF, W&W, E/W
 - * *Gypsophila paniculata* L. var. *paniculata* - FNA, E/W
 [*Gypsophila paniculata* L.] - Dom01, GPF, KTZ, SF1, UTF, W&W
 - * *Gypsophila scorzoneraefolia* Ser. - Dom01, FNA, KTZ, SFE, UTF, W&W, E
- * *Holostium umbellatum* L. subsp. *umbellatum* - FNA
 [*Holosteum umbellatum* L.] - Dom01, GPF, KTZ, SF1, W&W, E/W
 [*Holosteum umbellatum* L. var. *umbellatum*] - UTF

- Loeflingia squarrosa* Nutt. - FNA
 [*Loeflingia squarrosa* Nutt. var. *artemisiarum* (Burmey & Twiss.) Dorn] - Dom01, KTZ

Lidia (see *Minuartia*)

Lychnis (see *Silene*)

Melandrium (see *Silene*)

Minuraria

(Identification sources: _____)

- {*Minuartia elegans* (Cham. & Schltdl.) Schischk.} - KTZ
Minuartia macrantha (Rydberg) House - FNA, KTZ, E/W, Hartman08
 [*Alsinanthus macrantha* (Rydberg) W. A. Weber] - SF1, W&W
 [*Alsinopsis macrantha* Rydb.] - FNA
 [*Arenaria filiformis* Maguire] - HDH, W&W, misapp.
 [*Arenaria macrantha* (Rydberg) A. Nelson ex J. M. Coulter & A. Nelson] - HDH
 [*Arenaria rubella* (Wahl.) Smith var. *filiformis* (Maguire) S. L. Welsh] - FNA
 [*Minuartia filiformis* (Maguire) McNeill] - FNA
- Minuraria nuttallii* (Pax) Brüg. var. *nuttallii* - FNA
 [*Arenaria nuttallii* Pax] - Dom01, HDH rep., UTF

- [*Arenaria pungens* Nuttall] - FNA
- [*Minuartia nuttallii* (Pax) Briq. subsp. *nuttallii*] - KTZ, W
- [*Minuopsis nuttallii* (Pax) W. A. Weber] - SFW, W&W
- Minuartia obtusiloba* (Rydb.) House - Dom01, FNA, KTZ, E/W
 - [*Alsinopsis obtusiloba* Rydb.] - FNA
 - [*Arenaria obtusa* Torr., non *A. nuttallii* (Pax)] - FNA
 - [*Arenaria obtusiloba* (Rydb.) Fernald] - HDH, UTF
 - [*Arenaria sajanensis* Willd.] - HDH
 - [*Lidia biflora* (L.) A. Löve & D. Löve] - W&W, err. rep.
 - [*Lidia obtusiloba* (Rydb.) A. Löve & D. Löve] - SF!, W&W
- Minuartia rubella* (Wahlenb.) Hiern - Dom01, FNA, KTZ, E/W
 - [*Alsinia subella* Wahlenb.] - FNA
 - [*Arenaria rubella* (Wahlenb.) J. E. Sm.] - GPF, HDH
 - [*Arenaria rubella* (Wahlenb.) J. E. Sm. var. *rubella*] - UTF
 - [*Tryphane rubella* (Wahlenb.) Reichenb.] - SF!, W&W
- Minuartia stricta* (Sw.) Hiern - FNA, KTZ, Wolf79, E
 - [*Alsinanthus stricta* (Sw.) Reichenb.] - SFE, W&W
 - [*Arenaria rossii* Richardson] - HDH, W&W, misapp.
 - [*Minuartia rossei* (R. Br. ex Richardson) Griseb.] - KTZ
 - [*Spergula stricta* Sw.] - FNA

Minuopsis (see *Minuartia*)

- Moebringia lateriflora* (L.) Fenzl - Dom01, FNA, KTZ, SF!, W&W, E/W
 - [*Arenaria lateriflora* L.] - GPF, HDH, UTF
- Moebringia macrophylla* (Hook.) Fenzl - FNA, KTZ, W
 - [*Moebringia macrophylla* (Hook.) Torr.] - SFW, W&W
 - [*Arenaria macrophylla* Hook.] - HDH, UTF

Paronychia

- (Identification sources: _____)
- Paronychia depressa* (Torr. & A. Gray) Nutt. ex A. Nelson - FNA, KTZ
 - [*Paronychia depressa* Nutt. ex Torr. & A. Gray] - Dom01, GPF, HDH
 - [*Paronychia depressa* Nutt. ex Torr. & A. Gray var. *brevicuspis* (A. Nels.) Chaudhri] - FNA
 - [*Paronychia depressa* Nutt. ex Torr. & A. Gray var. *diffusa* (A. Nels.) Chaudhri] - FNA
 - [*Paronychia jamesii* Torr. & A. Gray] - W&W
 - Paronychia jamesii* Torr. & A. Gray - Dom01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
 - [*Paronychia jamesii* Torr. & A. Gray var. *hirsuta* Chaudhri] - FNA
 - [*Paronychia jamesii* Torr. & A. Gray var. *parviflora* Chaudhri] - FNA
 - [*Paronychia jamesii* Torr. & A. Gray var. *praeelongifolia* Chaudhri] - FNA
 - Paronychia pulvinata* A. Gray - Dom01, FNA, HDH, KTZ, SF!, W&W, E/W
 - [*Paronychia pulvinata* A. Gray var. *longiaristata* Chaudhri] - UTF
 - Paronychia sessiliflora* Nutt. - Dom01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

- Pseudostellaria jamesiana* (Torr.) W. A. Weber & R. L. Hartm. - Dom01, FNA, KTZ, SF!, W&W, E/W
 - [*Stellaria jamesiana* Torr.] - HDH, UTF

- * [*Sagina apetala* Ard.] - KTZ, W&W¹
- * *Sagina procumbens* L. - FNA, KTZ, UTF; Crow78

Sagina saginoides (L.) H. Karst. - Dorn01, FNA, KTZ, SF!, W&W, E/W
[*Sagina saginoides* (L.) Britt.] - HDH, UTF

Saponaria (see also *Vaccaria*)

* *Saponaria officinalis* L. - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Silene

(Identification sources: _____)

Silene acaulis (L.) Jacq. - FNA

[*Silene acaulis* (L.) Jacq. var. *subacaulis* (F. N. Wats.) Fernald & H. St. John] - KTZ, UTF, E/W

[*Silene acaulis* L. subsp. *subacaulis* (F. N. Wats.) C. L. Hitchc. & Maguire] - HDH, SF!

[*Silene acaulis* (L.) Jacq. subsp. *subacaulis* (F. N. Wats.) Fernald & H. St. John] - W&W

[*Silene acaulis* (L.) L. subsp. *subacaulis* (F. N. Wats.) C. L. Hitchc. & Maguire] - W&W¹

Silene antirrhina L. - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

(* *Silene conoidea* L.) - KTZ

* *Silene esculenta* Baumg. - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W

* *Silene dichotoma* Ehrh. subsp. *dichotoma* - FNA

[*Silene dichotoma* Ehrh.] - Dorn01, GPF, KTZ, SF!, W&W, E/W

Silene drummondii Hook. subsp. *drummondii* - FNA

[*Gastrolychnis drummondii* (Hook.) A. Löve & D. Löve] - SF!, W&W

[*Lychins drummondii* (Hook.) S. Watson] - HDH, UTF

[*Silene drummondii* Hook.] - GPF

[*Silene drummondii* Hook. var. *kruckebergii* Bocquet] - KTZ

[*Silene drummondii* Hook. var. *drummondii*] - KTZ, E/W

Silene drummondii Hook. subsp. *striata* (Rydb.) J. K. Morton - FNA

[*Gastrolychnis drummondii* (Hook.) A. Löve & D. Löve] - SF!, W&W

[*Lychins drummondii* (Hook.) S. Watson] - HDH, SF!, UTF

[*Silene drummondii* Hook. var. *striata* (Rydb.) Bocq. - KTZ, E/W

(* *Silene gallica* L. - KTZ, SFE, W&W, E)

Silene hirschtchui Bocq. - Dorn01, FNA, E/W

[*Gastrolychnis apetala* (L.) Toly. & Koehnch., subsp. *arvensis* A. Löve & D. Löve] - SF!

[*Gastrolychnis apetala* (L.) Toly. & Koehnch., subsp. *arvensis* (Rupr.) A. Löve & D. Löve] - W&W

[*Lychins apetala* L. subsp. *montana* (S. Watson) Maguire] - HDH

[*Lychins apetala* L., var. *montana* (S. Watson) C. L. Hitchc.] - UTF

[*Silene arvensis* (Rupr.) Bocquet subsp. *montana* (S. Watson) McNeill] - KTZ

[*Silene arvensis* (Rupr.) Bocquet subsp. *arvensis*] - KTZ

Silene kingii (S. Watson) Bocq. - Dorn01, FNA, KTZ, E/W

[*Gastrolychnis kingii* (S. Watson) W. A. Weber] - SF!, W&W

[*Lychins apetala* L., var. *kingii* (S. Watson) S. L. Welsh] - UTF

[*Lychins kingii* S. Watson] - HDH

* *Silene latifolia* Poir. - Dorn01, FNA

[*Lychins alba* Mill.] - HDH, UTF

[*Melandrium dioicum* (L.) Cesson & Germain] - SF!, W&W

[*Silene latifolia* Poir. subsp. *alba* (Mill.) Greuter & Burdet] - KTZ, E/W

[*Silene pratensis* (Raf.) Godr. & Germ.] - GPF

Silene menziesii Hook. - FNA, HDH, UTF

[*Anottes abinooides* Greene] - FNA

[*Anottes bakeri* Greene] - FNA

[*Anottes costata* Greene] - FNA

[*Anottes debilis* Greene] - FNA

[*Anottes diffusa* Greene] - FNA

- [*Anottes dorrii* (Kellogg) Greene] - FNA
- [*Anottes elliptica* Greene] - FNA
- [*Anottes halephila* Greene] - FNA
- [*Anottes latifolia* Greene] - FNA
- [*Anottes maculata* Greene] - FNA
- [*Anottes menziesii* (Hook.) Greene] - SF1, W&W
- [*Anottes nodosa* Greene] - FNA
- [*Anottes picta* Greene] - FNA
- [*Anottes tenerina* Greene] - FNA
- [*Anottes tenuicaulis* Greene] - FNA
- [*Anottes villosula* Greene] - FNA
- [*Anottes viscosa* Greene] - FNA
- [*Silene menziesii* Hook. subsp. *dorrii* (Kellogg) C. L. Hitchc. & Maguire] - FNA
- [*Silene menziesii* Hook. subsp. *menziesii* var. *menziesii*] - KTZ
- [*Silene menziesii* Hook. var. *menziesii*] - Dom#1, GPF, E/W
- [*Silene menziesii* Hook. subsp. *menziesii* var. *viscosa* (Greene) C. L. Hitchc. & Maguire] - KTZ
- [*Silene menziesii* Hook. var. *viscosa* (Greene) C. L. Hitchc. & Maguire] - Dom#1, GPF, E/W
- [*Silene obovata* A. E. Persild] - FNA
- [*Silene stellaroides* Nutt. ex Torr. & A. Gray] - FNA
- * *Silene noctiflora* L. - Dom#1, FNA, GPF, HDH, KTZ, SFE, UTF, W&W, E
- Silene parryi* (S. Wats.) C. L. Hitchc. & Maguire - Dom#1, FNA
 - [*Lychne parryi* S. Wats.] - FNA
 - [*Silene douglasii* (S. Wats.) C. L. Hitchc. & Maguire var. *macounii* (S. Wats.) Hooker - FNA
 - [*Silene douglasii* Hooker var. *macounii* (S. Wats.) B. L. Robins.] - KTZ
 - [*Silene macounii* S. Wats.] - KTZ
 - [*Silene scouleri* (S. Wats.) var. *macounii* Boivin] - KTZ
 - [*Silene tetronema* A. Nels.] - KTZ
 - [*Silene stragyna* Saksdorff] - FNA
 - [*Wahlbergella parryi* (Wats.) Rydb.] - KTZ
- Silene plankii* C.L. Hitchcock & Macguire - KWA, M&H, KTZ, (not rep. by JM)
- Silene scaposa* B. L. Rob. - FNA
 - [*Silene sepsoa* var. *lebata* C. L. Hitchc. & Maguire] - FNA
- Silene scouleri* Hook. subsp. *hallii* (S. Watson) C. L. Hitchc. - HDH, KTZ, UTF, E/W
 - [*Lycne elata* S. Wats.] - FNA
 - [*Silene hallii* S. Wats.] - FNA
 - [*Silene concolor* Greene] - FNA
 - [*Silene scouleri* Hook. var. *concolor* (Greene) C. L. Hitchc. & Maguire] - FNA
 - [*Silene scouleri* Hook. subsp. *hallii* (S. Watson) C. L. Hitchc. & Maguire] - SF1, W&W
- Silene uralensis* (Ruprecht) Bocquet subsp. *uralensis* - FNA
 - [*Gastrolychnis uralensis* (Rupr.) Bocquet J. - FNA
- * *Silene vulgaris* (Moench) Garecke - Dom#1, GPF, KTZ, SF1, W&W, E/W
 - [*Behen vulgaris* Moench] - FNA
 - [*Silene cucubalus* Wibel] - HDH
 - [*Silene inflata* Smith] - FNA
 - [*Silene latifolia* (Miller) Britton & Rendle var. *pubescent* (DC.) Farwell] - FNA
- * *Spergula arvensis* L. - Dom#1, FNA, GPF, HDH, KTZ, SFE, W&W, E
- ♦ { *Spergularia echinosperma* (Celaak.) Aschers. & Graebn. } - Dom#1
 - [*Spergularia salvaginea* var. *bracteata* B. L. Robins.] - KTZ
- ♦ *Spergularia salina* J. Presl & C. Presl - FNA, KTZ
 - [*Spergularia marina* (L.) Griseb.] - Dom#1, GPF, HDH, SFE, UTF, W&W, E
 - [*Spergularia tenuis* Greene] - FNA

- [*Tissa marina* (L.) Britton] - FNA
 * *Spergularia media* (L.) C. Presl ex Griseb. - Dorn01, E, FNA
 [*Spergularia maritima* (All.) Chiov.] - KTZ
 [*Spergularia media* (L.) C. Presl] - HDH, SFE, UTF, W&W
 * *Spergularia rubra* (L.) J. Presl & C. Presl - Dorn01, FNA, GPF, KTZ, UTF, W&W, E/W
 [*Spergularia rubra* (L.) Presl] - HDH, SF!

Spergulastrum (see *Arenaria*)

Stellaria

(Identification sources: _____)

Stellaria (see also *Pseudostellaria*)

- Stellaria borealis* Bigelow subsp. *borealis* - FNA, HDH, KTZ, W&W, Morton89
 [NS - see FNA 5:101 for additional synonymy]
 [*Stellaria borealis* Bigelow] - Dorn01, HDH
- Stellaria calycantha* (Ledeb.) Bong. - Dorn01, FNA, GPF, KTZ, SF!, W&W, Morton89, E/W
 [*Arenaria calycantha* Ledeb.] - FNA
 [*Alsine calycantha* (Ledeb.) Rydb.] - FNA
 [*Alsine siniceei* Howell] - FNA
 [*Stellaria borealis* Bigelow var. *siniceei* (Howell) Fernald] - FNA
 [*Stellaria siniceei* (Howell) C. L. Hitchc.] - FNA
- Stellaria crassifolia* Ehrh. - Dorn01, FNA, GPF, HDH, SF!, W&W, E/W
 [*Stellaria crassifolia* Ehrh. var. *crassifolia*] - KTZ
 [*Stellaria crassifolia* Ehrh. var. *erioalychna* Schischkin] - FNA
 [*Stellaria crassifolia* Ehrh. var. *linearis* Fenzl] - FNA
 [*Stellaria gracilis* Richardson] - FNA
- * *Stellaria graminea* L. - FNA, GPF, HDH, KTZ, SFE, W&W, E
 [*Alsine graminea* (L.) Britton] - FNA
- Stellaria irrigua* Bunge - FNA, KTZ, SF!, W&W, E/W
 [*Alsine polygonoides* Greene ex Rydb., 1913, non *Moschringia polygonoides* Mert. & W. D. J. Koch, 1813] - FNA
 [NS - see comments in FNA Vol. 5, p. 107 regarding uncertainty of distinctness of Colorado material]
- Stellaria longifolia* Muhl. ex Willd. - Dorn01, GPF, HDH, W&W, Morton89, E/W
 [*Alsine longifolia* (Muhl. ex Willd.) Britton] - FNA
 [*Stellaria strata* (J. W. Moore) B. Boivin] - FNA
 [*Stellaria strata* (J. W. Moore) B. Boivin var. *eciliata* B. Boivin] - FNA
 [*Stellaria diffusa* Willd. ex Schlecht.] - FNA
 [*Stellaria longifolia* Torr.] - UTF
 [*Stellaria longifolia* Muhl.] - SF!
 [*Stellaria longifolia* Muhl. ex Willd. var. *eciliata* (B. Boivin) B. Boivin] - FNA
 [*Stellaria longifolia* Muhl. ex Willd. var. *longifolia*] - KTZ
- Stellaria longipes* Goldie subsp. *longipes* - FNA
 [NS - For many additional synonyms see KTZ or FNA 5: 108]
 [*Stellaria longipes* Goldie var. *longipes*] - GPF, HDH, UTF, E/W
 [*Stellaria longipes* Goldie] - Dorn01, KTZ, SF!, W&W
 [*Stellaria monantha* Hultén] - Dorn01, Chinappa84 & 91, E/W
- * *Stellaria media* (L.) Vill. - Dorn01, FNA, GPF, UTF, E/W
 [*Alsine media* (L.) - SF!, W&W
 [*Stellaria apetala* Ulrix ex Roem.] - FNA
 [*Stellaria media* (L.) Cyril.] - GPF, HDH
 [*Stellaria media* (L.) Vill. subsp. *media*] - KTZ

- [*Stellaria media* (L.) Vill. var. *procera* Kunt & Richter] - FNA
Stellaria obtusa Engelm. - Dom01, FNA, HDH, KTZ, SF!, UTF, W&W, Morton89, E/W
 [Alsinia obtusa (Engelm.) Rose] - FNA
 [Alsinia washingtoniana (B. L. Rob.) A. Heller] - FNA
 [*Stellaria viridula* (Piper) St. John] - FNA
 [*Stellaria washingtoniana* B. L. Rob.] - FNA
Stellaria pallida (Dumortier) Crépin - FNA
 [Alsinia pallida Dumortier] - FNA
 [*Stellaria boreana* Jordani] - FNA
 [*Stellaria media* (L.) Vill. subsp. *pallida* (Dumortier) Ascherson & Graebner] - FNA
Stellaria umbellata Turez. - FNA, HDH, SF!
 [*Stellaria umbellata* Turez. ex Karel. & Kir.] - Dom01, KTZ, UTF, W&W, E/W

Tryphane (see **Minuartia**)

- * *Vaccaria hispanica* (Mill.) Rauschert - Dom01, FNA, KTZ, E/W
 [*Saponaria vaccaria* L.] - HDH
 [*Vaccaria pyramidata* Medicus] - GPF, SF!, UTF, W&W

Celastraceae - CEL (see also **CRO**)

- Celastrus scandens* L. - Dom01, KTZ

- Paxistima myrsinifolia* (Pursh) Raf. - Dom01, IMF, KTZ, SF!, W&W, E/W
 [*Pachystima myrsinifolia* (Pursh) Raf.] - HDH, UTF

Celtidaceae (see **CAN** and **ULM**)

Ceratophyllaceae - CTP

- Ceratophyllum demersum* L. - Dom01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Chenopodiaceae (see **AMA**)

Cistaceae - CIS

Crocanthemum (see **Helianthemum**)

- Helianthemum bicknellii* Fernald - GPF, HDH, KTZ, E
 [*Crocanthemum bickenellii* (Fernald) Janch.] - SFE, W&W

- {*Lechea intermedia* Legg.} - GPF, HDH <NE>
 [*Lechea intermedia* Legg. ex Britton] - Dom01
 [*Lechea intermedia* Legg. ex Britton var. *intermedia*] - KTZ <WY>

Clusiaceae - CLU

- Hypericum formosum* Kunth var. *scouleri* (Hook.) J. M. Coulter. - Dom01
 [*Hypericum formosum* Kunth] - HDH, SF!, UTF, W&W

- [*Hypericum scouleri* Hook. subsp. *nortoniae* (M. E. Jones) J. M. Gillett] - KTZ
- [*Hypericum formosum* Kunth var. *nortoniae* (M. E. Jones) C. L. Hitchc.] - E/W
- Hypericum formosum* Kunth var. *formosum* - Dom01
- Hypericum majus* (A. Gray) Beaman - GPF, HDH, KTZ, SFE, W&W, E
- **Hypericum perforatum* L. - Dom01, GPF, HDH, KTZ, SF1, W&W, E/W

Colchicaceae - CHC

- Disporum trachycarpum* (S. Watson) Benth. & Hook. - GPF, HDH, IMF, UTF, W&W, E/W
- [*Prosartes trachycarpa* S. Watson] - Dom01, FNA, KTZ, SF1, W&W¹

- Streptopus amplexifolius* (L.) DC. - Dom01, FNA, GPF, W&W¹, misapp., E/W
- [NS - Vinnerstam? refers Streptopus back to a narrowly defined Liliaceae]
- [*Streptopus amplexifolius* (L.) DC. & Lam.] - HDH
- [*Streptopus amplexifolius* (L.) DC. var. *charlatanus* Fassett] - IMF, KTZ, UTF
- [*Streptopus fassettii* A. Löve & D. Löve] - SF1, W&W

Commelinaceae - CMM

- Commelina dianthifolia* Delile - FNA, HDH, SF1, W&W, E/W
- [*Commelina dianthifolia* Delile var. *longispatha* (Torr.) Brashier] - KTZ
- Commelina erecta* L. - FNA, E
- [*Commelina erecta* L. var. *angustifolia* (Michx.) Fernald] - GPF, KTZ, SFE, W&W
- [*Commelina crispia* Wooton] - HDH

- Tradescantia bracteata* Small - FNA, HDH, exp.
- [NS - reportedly collected in Otero County in 2008 from reliable source]
- [*Tradescantia bracteata* Small ex Britton] - KTZ <KS, NE, OK, WY>
- {*Tradescantia canaliculata* Raf.} - HDH, exp.
- [*Tradescantia ohionea* Raf.] - FNA, KTZ <KS, NE, OK>
- Tradescantia occidentalis* (Britton) Smyth var. *occidentalis* - FNA, HDH, IMF, KTZ, E/W
- [*Tradescantia occidentalis* (Britton) Smyth] - Dom01, GPF, SF1, UTF
- [*Tradescantia occidentalis* (Britton) Smyth var. *scopulorum* (Rose) E. S. Anderson & Woodson] - HDH rep., IMF, KTZ, W&W

Compositae (see AST)

Convallariaceae - CVL (see LIL)

Convolvulaceae - CNV (including Cuscutaceae)

(Identification sources: _____)

- Calystegia macounii* (Greene) Brummitt - Dom01, GPF, KTZ, SFE, W&W, E
- Calystegia sepium* (L.) R. Br. var. *angulata* ([Brummitt] N. H. Holmgren - Dom01, IMF, E/W
- [*Calystegia sepium* (L.) R. Br. subsp. *americana* (Sims) Brummitt] - KTZ, SFW
- [*Calystegia sepium* (L.) R. Br. subsp. *angulata* Brummitt] - GPF, KTZ, SPE, W&W
- {*Cusolvulus sepium* L.} - HDH, UTF
- [*Cusolvulus sepium* L. var. *americana* Sims] - HDH, rep.
- {*Calystegia silvatica* (Kit.) Griseb. subsp. *fraterniflora* (Mack. & Bush) Brummitt} - KTZ

{*Calystegia sylvatica* (Kit.) Griseb. subsp. *fraterniflora* (Mack. & Bush) Brummitt} - GPF

Convolvulus (see also **Calystegia**)

* *Convolvulus arvensis* L. - Dorn01, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Convolvulus equitans Benth. - GPF, KTZ, SFE, UTF, W&W, E

[*Convolvulus incanus* Vahl] - HDH

{*Convolvulus hermannioides* A. Gray} - HDH, rep.

[*Convolvulus equitans* Benth.] - KTZ, W&W

Cuscuta

(Identification sources: _____)

* *Cuscuta approximata* Bab. var. *urceolata* (Kuntze) Yunck. - HDH, E/W

[*Cuscuta antheni* A. Nelson] - HDH

[*Cuscuta approximata* Bab.] - Dorn01, KTZ, UTF

[*Cuscuta approximata* Bab. var. *approximata*] - IMF

[*Cuscuta epithymum* (L.) L. subsp. *approximata* (Bab.) Rouy] - SFI, W&W

Cuscuta californica Hook. & Arn. var. *breviflora* Engelm. - KTZ, W

[*Cuscuta occidentalis* Millspaugh] - Dorn01, HDH, IMF, UTF

[*Grammica occidentalis* (Millspaugh) Hadac & Chrtk] - W&W

[*Grammica occidentalis* (Millspaugh) W. A. Weber] - SFW

{*Cuscuta cephalanthi* Engelm.} - GPF, HDH, exp., IMF, KTZ <AZ, KS, NE, NM, OK, UT>, UTF
[*Grammica cephalanthi* (Engelm.) W. A. Weber] - W&W

{*Cuscuta coryli* Engelm.} - GPF, HDH, exp., KTZ <AZ, KS, NE, NM, OK>
[*Grammica coryli* (Engelm.) W. A. Weber] - W&W

Cuscuta cuspidata Engelm. - GPF, HDH, IMF, KTZ, UTF, E/W

[*Grammica cuspidata* (Engelm.) Hadac & Chrtk] - SFI, W&W

Cuscuta denticulata Engelm. var. *denticulata* - KTZ, W

[*Cuscuta denticulata* Engelm.] - HDH, IMF, UTF

[*Grammica denticulata* (Engelm.) W. A. Weber] - SFW, W&W

{*Cuscuta gronovii* Willd. ex Schult. var. *gronovii*} - KTZ

[*Cuscuta gronovii* Willd.] - GPF, HDH, rep.

[*Grammica gronovii* (Willd. ex Roem. & Schult.) Hadac & Chrtk] - W&W, misapp.

[*Grammica umbrosa* (Hook.) W. A. Weber] - W&W

Cuscuta indecora Choisy var. *indecorna* - KTZ, E/W

[*Cuscuta indecora* Choisy] - GPF, IMF, UTF

[*Grammica indecora* (Choisy) W. A. Weber] - SFI, W&W

Cuscuta indecora Choisy var. *neuropetala* (Engelm.) Hitchc. - HDH, KTZ, E

[*Cuscuta indecora* Choisy] - Dorn01, IMF, UTF

[*Grammica indecora* (Choisy) W. A. Weber var. *neuropetala* (Engelm.) W. A. Weber] - SFE, W&W

* *Cuscuta fasciculata* Yunker - KWA, KTZ

Cuscuta megalocarpa Rydb. - Dorn01, HDH, IMF, KTZ, UTF, W

[*Cuscuta carta* (Engelm.) Rydb.] - GPF

[*Grammica umbrosa* (Hook.) W. A. Weber] - SFW, W&W

Cuscuta pentagona Engelm. var. *pentagona* - FCF, IMF, KTZ, W

[*Cuscuta campestris* Yunck] - HDH

[*Cuscuta pentagona* Engelm.] - GPF, HDH rep., UTF

[*Cuscuta pentagona* Engelm. var. *calycina* Engelm.] - IMF

[*Grammica campestris* (Yunker) Hadac & Chrtk] - SFW, W&W

[*Grammica pentagona* (Engelm.) W. A. Weber] - W&W, err. rep.

Cuscuta platensis A. Nelson - Dorn01

Cuscuta umbellata Kunth - GPF, HDH, KTZ, E/W
[*Grammica umbellata* Kunth] - SFE
[*Grammica umbellata* (Kunth) Hadac & Chrtk] - W&W
[*Grammica umbellata* (Kunth) W. A. Weber] - SFW

Evolvulus nuttallianus Schult. - Dorn01, KTZ, UTF, W&W, E/W
[*Evolvulus nuttallianus* Rosem. & Schult.] - GPF, HDH, IMF, SF

Evolvulus sericeus Sw. var. *sericeous* - KWA, KTZ
[*Evolvulus sericeus* var. *discolor* (Benth.) Gray] - KTZ
[*Evolvulus wilcoxianus* House] - KWA

Grammica (see **Cuscuta**)

Ipomoea capillacea (Kunth) G. Don - KWA, KTZ
[*Cerovulus capillaceus* Kunth] - KTZ
[*Ipomoea muricata* Cav., non (L.) Jacq.] - KTZ, KWA
[*Ipomoea patens* (Gray) House] - KWA

Ipomea cristulata H. Hallier f. - KWA, KTZ
[*Ipomoea hederacea* (L.) Jacq.] - HDH, exp.
[*Ipomoea hederacea* Jacq.] - GPF, KTZ <AZ, KS, NE, NM, OK>
Ipomoea leptophylla Torr. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
[*Ipomoea lenglifolia* Benth.] - M&H, err. rep., HDH, exp., KTZ <AZ>
* *Ipomoea purpurea* (L.) Lam. - KWA, JM, KTZ, HDH, rep.
[*Ipomoea purpurea* L.] - W&W¹, rep.
[*Ipomoea purpurea* (L.) Roth] - GPF, KTZ <AZ, KS, NE, NM, OK, UT>

Coptaceae (see RAN)

Cornaceae - COR

Chamaepericlymenum (see **Cornus**)

Cornus canadensis L. var. *canadensis* - E/W
[*Chamaepericlymenum canadense* (L.) Asch. & Graebner] - SF¹, W&W
[*Cornus canadensis* L.] - Dorn01, GPF, HDH, KTZ
Cornus sericea L. var. *sericea* - Dorn01, IMF, UTF, E/W
[*Cornus stolonifera* Michx.] - GPF, HDH
[*Cornus sericea* L. subsp. *sericea*] - KTZ
[*Swida sericea* (L.) Holub.] - SF¹, W&W

Swida (see **Cornus**)

Corylaceae (see BET)

Crassulaceae - CRS

Amerosedium (see **Sedum**)

Clementsia (see **Sedum**)

Cockerellia (see **Sedum**)

Crassula drummondii (Torr. & A. Gray) Fedde - KTZ, E
[*Crassula aquatica* (L.) Schenck] - IMF, SFE, W&W
[*Tilaea aquatica* L.] - HDH, UTF

Rhodiola (see **Sedum**)

* *Sedum acre* L. - Dorn01, HDH, IMF, KTZ, SFW, W&W, W

Sedum cockerelli Britton - Legler (pers. comm. 2009), HDH rep., KTZ <AZ, NM>
[NS - Legler reports one collection from Colfax Co., NM]

[*Cockerellia cockerelli* (Britton) A. Löve & D. Löve] - W&W, id. not possible

Sedum integrifolium (Raf.) A. Nelson - Dorn01, HDH, E/W

[*Rhodiola integrifolia* Raf.] - SF, W&W

[*Rhodiola integrifolia* Raf. subsp. *integrifolia*] - KTZ

[*Rhodiola integrifolia* Raf. subsp. *procera* (Clausen) Kartesz] - KTZ

[*Sedum integrifolium* (Raf.) A. Nelson subsp. *integrifolium*] - RMC

[*Sedum rosea* (L.) Stev. var. *integrifolium* (Raf.) A. Berger] - IMF, UTF

[*Tolmachevia integrifolia* (Raf.) A. Löve & D. Löve] - W&W[†]

Sedum lanceolatum Torr. - Dorn01, GPF, IMF, UTF, E/W

[*Amerosedum lanceolatum* (Torr.) A. Löve & D. Löve] - SF, W&W

[*Sedum lanceolatum* Torr. subsp. *lanceolatum*] - KTZ

[*Sedum lanceolatum* Torr. var. *lanceolatum*] - RMC

[*Sedum lanceolatum* Torr. subsp. *subalpinum* (Blank.) Clausen] - KTZ

[*Sedum stenopetalum* Pursh] - HDH

Sedum rhodanthum A. Gray - Dorn01, HDH, IMF, KTZ, UTF, E/W

[*Clementia rhodantha* (A. Gray) Rose] - SF, W&W

[*Rhodiola rhodantha* (A. Gray) Jacobsen] - KTZ

* *Sedum spurium* M. Bieb. - IMF, KTZ, UTF, W

[WJ - A population also established on East Slope in CO in Boulder canyon]

[*Spathulata spuria* (M. Bieb.) A. Löve & D. Löve] - SFW, W&W

{*Sedum stenopetalum* Pursh} - IMF, KTZ <WY>

[*Amerosedum stenopetalum* (Pursh) A. Löve & D. Löve] - W&W, err. rep.

{*Sedum stenopetalum* Pursh var. *stenopetalum*} - RMC

Spathulata (see **Sedum**)

Tillaea (see **Crassula**)

Crossosomataceae - CRO (see also CEL)

Forselia meionandra (Koehne) A. Heller - HDH, FCF, SFW, UTF, W&W, W

[*Glossopetalon spinescens* A. Gray var. *meionandrum* (Koehne) Trel.] - IMF, KTZ

Forselia planitierum Ensign - HDH, exp., SFE, W&W, E

[*Glossopetalon planitierum* (Ensign) H. St. John] - GPF, KTZ

{*Forselia spinescens* (A. Gray) Greene} - HDH rep., W&W, err. rep.

[*Glossopetalon spinescens* A. Gray var. *spinescens*] - KTZ <AZ, NM, OK>

Glossopetalon (see also **Forselia**)

Glossopetalon spinescens Gray var. *meionandrum* (Koehne) Trel. - Dorn01

Cruciferae (see BRA)

Cucurbitaceae - CUC

Cucurbita foetidissima Kunth - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Cyclanthera dissecta (Torr. & A. Gray) Arn. - GPF, HDH, KTZ, SFE, W&W, E

Echinocystis lobata (Michx.) Torr. & A. Gray - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

Cuscutaceae (see CNV)

Cyperaceae - CYP

(Identification sources: _____)

Amphiscirpus nevadensis (S. Watson) Oteng-Yeb. - Dorn01, SF!, W&W, E/W, FNA
[*Scirpus nevadensis* S. Watson] - GPF, HDH, IMF, KTZ, UTF

Bolboschoenus fluviatilis (Torr.) Soják - FNA

[*Bolboschoenus maritimus* (L.) Palla subsp. *fluviatilis* (Torr.) A. Löve & D. Löve] - W&W¹

[*Schoenoplectus fluviatilis* (Torr.) M. T. Strong] - KTZ

[*Scirpus fluviatilis* (Torr.) A. Gray] - GPF, IMF, UTF

Bolboschoenus maritimus (L.) Palla subsp. *paludosus* (A. Nelson) A. Löve & D. Löve - SF!, W&W, E/W

[*Bolboschoenus maritimus* (L.) Palla subsp. *paludosus* (A. Nelson) T. Koyama] - FNA

[*Bolboschoenus maritimus* (L.) Palla var. *paludosus* (A. Nelson) Dom] - Dom01

[*Schoenoplectus maritimus* (L.) Lye] - KTZ

[*Scirpus maritimus* L.] - UTF

[*Scirpus maritimus* L. var. *paludosus* (A. Nelson) Kör.] - GPF, IMF

[*Scirpus paludosus* A. Nelson] - HDH

Carex

(Identification sources: _____)

Carex albonigra Mack. - Dom01, IMF, KTZ, SF!, UTF, FNA, E/W

[*Carex albo-nigra* Mack.] - HDH, W&W

Carex aquatilis Wahlénb. var. *aquatilis* - KTZ, FNA, E/W

[*Carex aquatilis* Wahlénb.] - Dom01, HDH, IMF, SF!, UTF

[*Carex aquatilis* Wahlénb. var. *altior* (Rydb.) Fernald] - GPF

[*Carex aquatilis* Wahlénb. subsp. *aquatilis*] - W&W

Carex aquatilis Wahlénb. var. *stans* (Drejer) Boott - KTZ, E

[*Carex aquatilis* Wahlénb. subsp. *stans* (Drejer) Hukin] - SFE, W&W

[*Carex aquatilis* Wahlénb. var. *minor* Boott] - FNA

Carex araphoensis Clokey - HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W

Carex atherodes Spreng. - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Carex athrostachya Olney - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

- Carex atrata* L. var. *chalciolepis* (Holm) Kük. - Dom01, IMF, E/W
 [Cares chalciolepis Holm] - HDH, SF1, W&W
 [Cares heteroneura Boott var. *chalciolepis* (Holm) F. J. Herm.] - KTZ, UTF
- Carex atrata* L. var. *erecta* Boott - Dom01, IMF, E/W
 [Cares atrata L.] - HDH, SF1, W&W
 [Cares epapillosa Mack.] - SF1, W&W, FNA
 [Cares heteroneura Boott] - FNA
 [Cares heteroneura Boott var. *epapillosa* F. J. Herm.] - UTF
 [Cares heteroneura Boott var. *epapillosa* (Mack.) F. J. Herm.] - KTZ
- Carex atrosquama* Mack. - KTZ, SF1, UTF, FNA, W&W, E/W
- Carex aurea* Nutt. - Dom01, GPF, HDH, IMF, KTZ, FNA, SF1, UTF, W&W, E/W
- Carex backii* Boott var. *backii* - E, Saarela01
 [Cares backii Boott] - Dom01, GPF, IMF, KTZ, SFE, UTF, W&W, FNA
- Carex bebbii* (L. H. Bailey) Fernald - GPF, SFE, W&W, E/W
 [Cares bebbii Olney] - SFW
 [Cares bebbii (L. H. Bailey) Olney ex Fernald] - Dom01, FNA
 [Cares bebbii Olney ex Fernald] - HDH, IMF, KTZ, UTF
- Carex bella* L. H. Bailey - GPF, HDH, IMF, KTZ, FNA, SF1, UTF, W&W, E/W
- Carex bipartita* All. - Dom01, IMF, UTF, E/W
 [Cares lachnophylla Schlecht] - KTZ, SF1, W&W, FNA
- Carex brevior* (Dewey) Mack. ex Lunell - Dom01, GPF, HDH, FNA, IMF, E
 [Cares brevior (Dewey) Mack.] - KTZ, SFE, W&W
- Carex breweri* Boott var. *paddoensis* (Suksd.) Cronquist - Dom01, IMF, UTF, E/W
 [Cares engelmannii L. H. Bailey] - HDH, KTZ, SF1, W&W, FNA
- Carex brunneocans* (Pers.) Poir. subsp. *brunneocans* - FNA
 [Cares brunneocans (Pers.) Poir. subsp. *sphaerocephala* (Tuck.) Kafela] - FNA, KTZ, E/W
 [Cares brunneocans (Pers.) Poir.] - Dom01, GPF, HDH, IMF, SF1, UTF, W&W
- Carex buxbaumii* Wahlenb. - GPF, HDH, IMF, KTZ, FNA, SF1, UTF, W&W, E/W
- Carex canescens* L. var. *canescens* - E/W
 [Cares canescens L.] - Dom01, HDH, IMF, SF1, UTF, W&W
 [Cares canescens L. subsp. *canescens*] - KTZ, FNA
- Carex capillaris* L. - Dom01, HDH, IMF, KTZ, SF1, UTF, FNA, W&W, E/W
 [Cares capillaris L. var. *elongata* Olney] - GPF
- Carex capitata* L. var. *arcuogena* (H. Sm.) Hultén - E/W
 [Cares capitata L. subsp. *arcuogena* (H. Sm.) Hilton] - KTZ
 [Cares capitata L.] - Dom01, HDH, esp., IMF, UTF, FNA
 [Cares capitata L. subsp. *arcuogena* (H. Sm.) Böcher] - SF1, W&W
- Carex concinna* R. Br. - Dom01, GPF, HDH, KTZ, FNA, SF1, W&W, E/W
- Carex conoidea* Willd.
 [NS - confirmed from S. Popovich based on det. by T. Reznicek; vouchers at COLO, CS, KHD, MICH, RM]
 [Cares katalensis Fernald] - FNA
- Carex cordillerana* Saarela and B. A. Ford - Saarela01
- Carex crassii* Dewey - Dom01, GPF, IMF, KTZ, FNA, SFE, UTF, W&W, E
- Carex deweyana* Schwein. var. *bolanderi* (Olney) Boott - IMF, UTF
 [NS - needs confirmation from SRMF region in NM]
 [Cares bolanderi Olney] - KTZ <AZ, NM, UT, WY>, FNA
- Carex deweyana* Schwein. var. *deweyana* - Hartman06, IMF, KTZ, FNA, E/W
 [Cares deweyana Schwein.] - GPF, HDH, SF1, W&W
- Carex diandra* Schrank - Dom01, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
- Carex disperma* Dewey - Dom01, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
- Carex douglasii* Boott - Dom01, FNA, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
- Carex ebenea* Rydb. - HDH, IMF, FNA, KTZ, SF1, UTF, W&W, E/W

- Carex echinata* Murray subsp. *echinata* - FNA, KTZ, E/W
 [Cares angustior Mack.] - HDH, SF!, W&W
 [Cares echinata Murray] - Dorn01, W&W
 [Cares muricata L.] - IMF, UTF
- Carex egglesonii* Mack. - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex elynoides Holm - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex emoryi Dewey - Dorn01, GPF, HDH, KTZ, FNA, SF!, W&W, E/W
Carex exsiccata L. H. Bailey - KTZ, SF!, W&W, FNA, E/W
 [Cares vesicaria L. var. *vesicaria*] - IMF, UTF
- {*Carex festucacea* Schkuhr ex Willd.} - KTZ <KS, OK>, FNA, W&W[†], misid.
 [Cares festucacea Schkuhr] - GPF, W&W
- Carex filifolia* Nutt. - Dorn01, GPF, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
 {*Carex foenea* Willd. var. *foenea*} - E/W
 [NS - name has been misapplied to our material; see FNA p. 307 for this and var. *tuberculata*]
 [Cares siccata Dewey] - HDH, IMF, KTZ, UTF
 [Cares foenea Willd.] - Dorn01, GPF, SF!, W&W
- {*Carex foenea* Willd. var. *tuberculata* F. J. Herm.} - PLS
 [Cares foenea Willd.] - GPF, W&W
 [Cares siccata Dewey] - IMF, KTZ, UTF
- Carex foetida* All. var. *vernacula* (L. H. Bailey) Kük. - Dorn01, IMF, UTF, E/W
 [Cares vernacula L. H. Bailey] - HDH, KTZ, SF!, W&W, FNA
- {*Carex garberi* Fernald} - KTZ <WY>, FNA
 [Cares aurea Nutt.] - IMF, UTF
- Carex geyeri* Boott - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
 {*Carex gravida* L. H. Bailey var. *gravida*} - GPF, KTZ
 [Cares gravida L. H. Bailey] - FNA
- Carex gravida* L. H. Bailey var. *lunelliana* (Mack.) F. J. Herm. - GPF, HDH, KTZ, SFE,
 W&W, FNA, E
 [Cares gravida L. H. Bailey] - FNA
- Carex gynocrates* Wormsk. ex Drejer - Dorn01, FNA, HDH, KTZ, E/W
 [Cares dinica L. subsp. *gynocrates* (Wormskield) Hahn] - SF!, W&W
 [Cares dinica L. var. *gynocrates* (Wormskield) Ostenf.] - IMF, UTF
- Carex hassae* L. H. Bailey - FNA <CO?>, HDH, KTZ <NM, UT>, SF!, W&W, E/W
 [Cares area Nutt.] - IMF, UTF
- Carex haydeniana* Olney - Dorn01, HDH, IMF, FNA, KTZ, SF!, UTF, W&W, E/W
 {*Carex heteroneura* W. Boott var. *brevisquama* F. J. Herm., publ. without Latin desc. or
 typification} - KTZ
 [Cares atrata L.] - IMF, SF!
 [Cares atrata L. var. *erecta* Boott] - RMC
- Carex hoodii* Boott - Dorn01, GPF, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex hystricina Muhl. ex Willd. - Dorn01, GPF, FNA, HDH, IMF, KTZ, UTF, W&W, E/W
 [Cares hystricina Muhl.] - SF!
- Carex illota* L. H. Bailey - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex incurviformis Mack. var. *danaensis* (Stacey) F. J. Herm. - Dorn01, KTZ
 [Cares incurviformis Mack.] - FNA
- Carex interior* L. H. Bailey - Dorn01, GPF, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 [Cares scirpoidea Schkuhr ex Wilkensow] - FNA
- Carex jonesii* L. H. Bailey - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W, E/W
Carex laevigulmis Meissn. - KTZ, FNA, SF!, W&W, E/W
Carex lamuginosa Michx. - GPF, HDH, IMF, SF!, UTF, W&W, E/W
 [Cares pellita Muhl. ex Willd.] - Dorn01, KTZ

- [*Carex lasiocarpa* Ehrh.] - FNA
Carex lasiocarpa Ehrh. - Dorn01, FNA, SFE, UTF, W&W, E
 [Carex lasiocarpa Ehrh. var. *americana* Fernald] - GPF, KTZ
Carex lenticularis Michx. var. *pallida* (Boott) Dorn - Dorn01, E/W
 [Carex kelloggii Boott] - HDH
 [Carex lenticularis Michx.] - UTF
 [Carex lenticularis Michx. var. *lenticularis*] - IMF
 [Carex lenticularis Michx. var. *lispercarpa* (Holm) L. A. Standl.] - FNA, KTZ, SF1, W&W
Carex leporinella Mack. - FCF, FNA
Carex leptalea Wahlb. subsp. *leptalea* - KTZ, E/W
 [Carex leptalea Wahlb.] - Dom01, GPF, FNA, HDH, IMF, SF1, UTF, W&W
Carex leptopoda Mack. - KTZ, FNA
 [Carex deweyana Schwein. var. *leptopoda* (Mack.) Boivin] - PLS
 [Carex deweyana Schwein.] - SF1
 [Carex deweyana Schwein. var. *bolanderi* (Olney) W. Boott] - UTF
 [Carex deweyana Schwein. subsp. *leptopoda* (Mack.) Calder & Taylor] - IMF
Carex limosa L. - Dom01, FNA, GPF, HDH rep., IMF, KTZ, SF1, UTF, W&W, E/W
Carex livida (Wahlb.) Willd. var. *radiceaulis* Paine - KTZ, FNA, E
 [Carex livida (Wahlb.) Willd.] - SF1, W&W
Carex macloviana D'Urville - Dorn01, FNA, SF1, W&W, E/W
 [Carex subfuscata W. Boott] - KTZ
Carex maritima Gunn. - KTZ, SF1, W&W, FNA <Canada>, E/W
Carex microglochin Wahlb. - Dom01, HDH, KTZ, SF1, UTF, W&W, E/W
 [Carex microglochin Wahlb. subsp. *microglochin*] - FNA
Carex micropetala Mack. var. *limnophila* (F. J. Herm.) Dom - Dom01, E/W
 [Carex limnophila F. J. Herm.] - IMF, SF1, UTF, W&W
 [Carex micropetala Mack.] - KTZ, FNA
Carex micropetala Mack. var. *micropetala* - E/W
 [Carex festucacea Mack.] - HDH, SF1, W&W
 [Carex micropetala Mack.] - GPF, IMF, FNA, KTZ, SF1, UTF, W&W
Carex misandra R. Br. - Dorn01, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
 [Carex fuliginosa Schkuhr] - FNA
Carex molesta Mack. ex Bright - KTZ, E
 [Carex molesta Mack.] - GPF, SF1, W&W
Carex nardina Fr. var. *hepburnii* (W. Boott) Kük. - KTZ, E/W
 [Carex hepburnii Boott] - HDH, W&W
 [Carex nardina Fr.] - Dom01, IMF, UTF, FNA
 [Carex nardina Fr. subsp. *hepburnii* (Boott) A. Löve & D. Löve] - SF1, W&W
Carex nebrascensis Dewey - Dom01, FNA, IMF, KTZ, SF1, UTF, W&W, E/W
 [Carex nebrascensis Dewey] - GPF, HDH
Carex nelsonii Mack. - Dorn01, HDH, KTZ, FNA, SF1, UTF, W&W, E/W
 [Carex estesiana Kelso] - FNA
 [Carex nova L. H. Bailey] - Dom01 (as distinct form *C. nelsonii*), IMF
Carex neurophora Mack. - Dorn01, HDH, FNA, IMF, KTZ, SF1, UTF, W&W, E/W
Carex nigricans C. A. Mey. - Dorn01, HDH, FNA, IMF, KTZ, SF1, UTF, W&W, E/W
{*Carex norvegica* Retz. var. *norvegica*} - KTZ, FNA <eastern Canada>, W
 [*Carex norvegica* Retz. subsp. *norvegica*] - SF1, W&W
Carex norvegica Retz. var. *stevenii* (Holm) Dorn - Dorn01, E/W
 [Carex media R. Br. var. *stevenii* (Holm) Fernald] - HDH
 [Carex norvegica Retz.] - IMF, UTF
 [Carex norvegica Retz. subsp. *stevenii* (Holm) E. Murray] - KTZ
 [Carex norvegica Retz. subsp. *stevenii* (Holm) D. Murray] - SF1, W&W

- [Carex stans (Holm) Kafle] - W&W¹, FNA
 Carex nova L. H. Bailey var. nova - E/W
 [Carex nova L. H. Bailey] - Dorn01, HDH, IMF, KTZ, FNA, SF!, UTF, W&W²
 [Carex nova A. Nelson] - W&W
 Carex nova L. H. Bailey var. pelocarpa (F. J. Herm.) Dorn - Dorn01, E/W
 [Carex pelocarpa F. J. Herm.] - KTZ, SF!, W&W, FNA
 [Carex nova L. H. Bailey] - IMF, UTF
 Carex obtusata Lilj. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 Carex occidentalis L. H. Bailey - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 Carex oederi Retz. var. recterostrata (L. H. Bailey) Dorn - E/W
 [Carex oederi Retz.] - IMF
 [Carex oederi Retz. var. viridula (Michx.) Kük.] - see IMF, UTF
 [Carex viridula Michx.] - Dorn01, GPF, HDH, SF!, W&W
 [Carex viridula Michx., subsp. viridula] - KTZ, FNA
 Carex oreocharis Holm - Dorn01, HDH, FNA, KTZ, SFE, W&W, E
 [NS - a "regional endemic" of CO and WY, including parts of UT]
 Carex pachystachya Cham. ex Steud. - Dorn01, FNA, HDH, IMF, KTZ, UTF, W&W, E/W
 [Carex pachystachya Cham.] - SF!
 Carex parryana Dewey var. parryana - Dorn01, KTZ
 [Carex parryana Dewey] - GPF, IMF, UTF, FNA
 [Carex parryana Dewey subsp. parryana] - W&W
 Carex parryana Dewey var. unica L. H. Bailey - Dorn01, E/W
 [Carex hallii Olney] - GPF, HDH, KTZ, FNA
 [Carex parryana Dewey] - IMF, UTF
 [Carex parryana Dewey subsp. hallii D. F. Murray] - SFW
 [Carex parryana Dewey subsp. hallii (Olney) D. F. Murray] - SF!, W&W
 Carex paupercula Michx. - Dorn01, HDH, IMF, UTF, E/W
 [Carex magellanica Lam. subsp. irrigua (Sm.) Hultén] - W&W
 [Carex magellanica Lam. subsp. irrigua (Wahlenb.) Hiltonen] - FNA
 [Carex magellanica Lam. subsp. irrigua (Wahlenb.) Hultén] - KTZ, SF!
 Carex paysonis Clokey - Dorn01, FNA
 [Carex podocarpa var. paysonis (Clokey) Boivin] - KTZ
 [Carex tolmei auct. non Boott] - KTZ
 Carex peckii Howe - FNA, GPF, KTZ, SFE, W&W, E
 Carex pensylvanica Lam. var. digyna Boeck. - Dorn01, E/W
 [Carex helophila Mack.] - GPF, HDH
 [Carex inops L. H. Bailey subsp. helophila (Mack.) Crim] - KTZ, FNA
 [Carex pensylvanica Lam. subsp. helophila (Mack.) W. A. Weber] - SF!, W&W
 Carex perglabosa Mack. - HDH, IMF, FNA, KTZ, SF!, UTF, W&W, E/W
 Carex petasata Dewey - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 Carex phaeocaphala Piper - Dorn01, HDH, FNA, IMF, KTZ, SF!, UTF, W&W, E/W
 Carex pityophila Mack. - HDH, FNA, KTZ, E/W
 [Carex geophila Mack.] - IMF, KTZ, SF!, UTF, W&W
 Carex praeceptorum Mack. - Dorn01, IMF, FNA, SF!, UTF, W&W, E/W
 [Carex praeceptorum Mack.] - HDH, KTZ
 Carex praegracilis Boott - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 Carex praticola Rydb. - Dom01, GPF, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 Carex pyrenaica Wahlenb. subsp. pyrenaica - KTZ, E/W
 [Carex crandallii Gaud.] - SF!, W&W
 [Carex pyrenaica Wahlenb.] - Dom01, HDH, IMF, UTF, W&W¹, misapp.
 [Carex microcoda C. A. Meyer] - FNA
 Carex raynoldsii Dewey - Dorn01, HDH, IMF, FNA, KTZ, SF!, UTF, W&W, E/W

- Carex retrorsa* Schwein. - GPF, FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
Carex rosea Schkuhr ex Willd. - Hartman06
Carex rossii Boott - Dom01, HDH, IMF, FNA, KTZ, SF!, UTF, W&W, E/W
 [Cares brevipes Boott] - SF!, W&W
 [Cares rossii Boott ex Hook.] - GPF
 {*Carex rostrata* Stokes} - see *C. utriculata*
Carex rupestris All. - Dom01, FNA, IMF, UTF, E/W
 [Cares drummondiana Dewey] - HDH
 [Cares rupestris All. subsp. drummondiana (Dewey) Holub] - SF!, W&W
 [Cares rupestris All. var. drummondiana (Dewey) L. H. Bailey] - KTZ
Carex satwellii Dewey - Dom01, FNA, GPF, HDH, SF!, W&W, E/W
 [Cares satwellii Dewey var. satwellii] - KTZ
Carex saxatilis L. - Dom01, IMF, FNA, KTZ, UTF, E/W
 [Cares physocarpa C. Presl] - HDH
 [Cares X physocarpoides Lepage] - KTZ
 [Cares saxatilis X C. utriculata] - KTZ
 [Cares saxatilis L. subsp. laxa (Trautv.) Karelka] - SF!, W&W
 [Cares saxatilis L. var. major Olney] - see IMF
Carex saximontana Mack. - Dom01, Samela01, FNA
 [Cares buckii Boott var. subrotundata (Bates) Dom] - E
 [Cares buckii Boott] - IMF, KTZ, UTF, FNA
 [Cares saximontana Mack.] - GPF, HDH, KTZ, SFE, W&W, FNA
Carex scirpoidea Michx. var. pseudoscirpoidea (Rydb.) Cronquist - Dom01, IMF, UTF, E/W
 [Cares pseudoscirpoidea Rydb.] - HDH, W&W
 [Cares scirpoidea Michx. subsp. pseudoscirpoidea (Rydb.) Dunlop] - FNA, KTZ, SF!, W&W¹
Carex scirpoidea Michx. var. scirpifoenis (Mack.) O'Neill & Duman - Dom01, FNA
 [Cares scirpoidea Michx.] - GPF
 [Cares scirpoidea Michx. subsp. scirpoidea] - KTZ
Carex scirpoidea Michx. var. scirpoidea - Dom01, E/W
 [Cares scirpoidea Michx.] - SF!, W&W
 [Cares scirpoidea Michx. subsp. scirpoidea] - KTZ, FNA
Carex scoparia Schkuhr ex Willd. var. scoparia - KTZ, FNA, E
 [Cares scoparia Schkuhr] - SFE, UTF
 [Cares scoparia Schkuhr ex Willd.] - GPF, HDH, W&W
Carex scopolorum Holm - Dom01, HDH, FNA, IMF, SF!, UTF, W&W, E/W
 [Cares bigelowii Torr. ex Schwein.] - HDH, KTZ, W&W, misapp.
 [Cares chamaephylla Holm] - HDH
 [Cares gymnoclada Holm] - HDH
 [Cares scopolorum Holm var. bracteosa (L. H. Bailey) F. J. Herm.] - KTZ
 [Cares scopolorum Holm var. scopolorum - KTZ
Carex siccata Dewey - FNA, HDH, IMF, KTZ, UTF
 [Cares foenea Willd. var. foenea] - E/W
 [Cares foenea Willd.] - GPF, SF!, W&W
 [Cares foenea Willd.] - GPF, W&W
 [Cares siccata Dewey] - IMF, KTZ, UTF
Carex simulata Mack. - Dom01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Carex sprengelii Dewey ex Spreng. - Dom01, FNA, GPF, HDH, KTZ, W&W, E/W
 [Cares sprengelii Dewey] - SF!
Carex stenophylla Wahlenb. - Dom01, IMF, UTF, E/W
 [Cares duriscula C. A. Mey.] - KTZ, FNA
 [Cares eleocharis (L. H. Bailey)] - GPF, HDH
 [Cares stenophylla Wahlenb. subsp. eleocharis (L. H. Bailey) Hultén] - SF!, W&W
Carex stenoptila F. J. Herm. - Dom01, HDH, FNA, KTZ, SF!, W&W, E/W

- Carex stipata* Muhl. ex Willd. var. *stipata* - FNA, IMF, KTZ, E/W
 [Carex stipata Muhl.] - GPF, SF!
 [Carex stipata Muhl. ex Willd.] - Dorn01, HDH, W&W
 [Carex stipata Muhl. var. *stipata*] - UTF
- Carex stricta* - Dorn01
- ⊕ *Carex sychnocephala* J. Carey - FNA, GPF, KTZ, SFE, W&W, E
 [W] - possibly a disjunct vs. adventive]
- Carex tahoensis* Smiley - KTZ, FNA
- Carex tenera* Dewey - WY Checklist
 [Carex tenera Dewey var. *echinodes* (Pers.) Wieg.] - KTZ
 [Carex tenera Dewey var. *tenera*] - FNA
- Carex tenuiflora* Wahlenb. - KTZ, FNA, SFE, W&W, E
- Carex torreyi* Tuck. - FNA, GPF, HDH, KTZ, SFE, W&W, E
- Carex utriculata* Boott - Dorn01, FNA, KTZ, SF!, W&W, E/W
 [Cares rostrata Stokes] - HDH, W&W, missapp.
 [Cares rostrata Stokes var. *rostrata*] - RMC
 [Cares rostrata Stokes ex With.] - IMF, UTF
 [Cares rostrata Stokes ex Willd.] - GPF
- Carex vallicola* Dewey var. *vallicola* - KTZ, E/W
 [Cares vallicola Dewey] - Dorn01, FNA, GPF, HDH, IMF, SF!, UTF, W&W
- ⊕ *Carex vesicaria* L. var. *vesicaria* - IMF, KTZ, UTF, E/W
 [Cares vesicaria L.] - Dorn01, HDH, SF!, W&W, FNA
 [Cares vesicaria L. monile (Tuck.) Fernald] - GPF
- Carex vulpinoidea* Michx. - Dorn01, FNA, GPF, HDH, IMF, SF!, W&W, E/W
 [Cares vulpinoidea Michx. var. *vulpinoidea*] - KTZ
- Carex xerantica* L., H. Bailey - Dorn01, FNA, GPF, HDH, IMF, SF!, UTF, W&W, E/W
- Cyperus acuminatus* Torr. & Hook. ex Torr. - Dorn01, KTZ, E
 [Cyperus acuminatus Torr. & Hook.] - GPF, HDH, IMF, SFE, UTF, W&W, FNA
- Cyperus aristatus* Rothb. var. *aristatus* - E/W
 [Cyperus aristatus Rothb.] - GPF, HDH, IMF, SF!, UTF, W&W
 [Cyperus squarrosus L.] - Dorn01, KTZ, FNA
- {*Cyperus diandrus* Torr.} - GPF, HDH rep., KTZ <NE>, FNA <NE>, W&W³, no specimens
- Cyperus engelmannii* Steud. - GPF, Castilleja 23(4): 6 (2004)
- ⊕ *Cyperus erythrorhizos* Muhl. - Dorn01, FNA, GPF, HDH, exp., IMF, KTZ, SF!, UTF, W&W, E/W
- ⊕ {*Cyperus esculentus* L. var. *esculentus*} - KTZ, FNA, E
 [Cyperus esculentus L.] - GPF, HDH, IMF, SFE, UTF, W&W
- ⊕ *Cyperus esculentus* L. var. *leptostachys* Boeck. - KTZ, FNA
- Cyperus fenderianus* Boeckl. - HDH, FNA, KTZ, E/W
 [Chlorocyperus fenderianus (Boeckeler) Palla] - FNA
 [Mariscus fenderianus (Blckl.) T. Koyama] - SF!, W&W
- Cyperus lupulinus* (Spreng.) Marcks var. *lupulinus* - E
 [Cyperus filiculmis Vahl] - HDH
 [Cyperus lupulinus (Spreng.) Marcks subsp. *lupulinus*] - FNA, GPF, KTZ
 [Mariscus filiculmis (Vahl) T. Koyama] - SFE, W&W
- ⊕ *Cyperus odoratus* L. - GPF, KTZ, FNA, SF!, W&W, E/W
 [Cyperus odoratus L. var. *squarrosus* (Brinon) S. D. Jones] - KTZ
- Cyperus rivularis* Kunth - GPF, HDH, SFE, UTF, W&W, E
 [Cyperus rivularis Kunth var. *rivularis*] - IMF
 [Cyperus bigartitus Torr.] - Dorn01, KTZ, FNA
- Cyperus schweinitzii* Torr. - Dorn01, GPF, FNA, HDH, IMF, KTZ, UTF, E

- [*Mariscus schweinitzii* (Torr.) T. Koyama] - SFE, W&W
Cyperus strigosus L. - FNA, GPF, HDH exp., IMF, KTZ, UTF
 [Cyperus hansenii Britton] - FNA
 [Cyperus strigosus var. *hansenii* (Britton) Kükenthal] - FNA
 [Cyperus strigosus var. *stenolepis* (Torrey) Kükenthal] - FNA
 [*Mariscus tenolepis* (Torrey) C. B. Clarke] - FNA
 [*Mariscus strigosus* (L.) C. B. Clarke] - FNA

Eleocharis

[NS - FNA took the continent-wide perspective but knowledge of our material would benefit from a dissertation level study of the genus regionally]

(Identification sources: _____)

- Eleocharis acicularis* (L.) Roem. & Schult. - Dom01, GPF, FNA, HDH, KTZ, SF, W&W, E/W
Eleocharis atropurpurea (Retz.) J. Presl & C. Presl - KTZ, FNA, E
 [Eleocharis atropurpurea (Retz.) Kunth] - GPF, HDH, rep.
 [Eleocharis atropurpurea (Retz.) C. Presl] - SFE, W&W
Eleocharis bolanderi A. Gray - HDH, IMF, FNA, KTZ, SF, UTF, W&W, E/W
Eleocharis compressa Sull. - FNA, GPF, KTZ, E
 [Eleocharis elliptica Kunth var. *compressa* (Sull.) Drapalik & Mohlenb.] - SFE, W&W
Eleocharis elliptica Kunth - FNA
 [Eleocharis capitata (L.) R. Brown var. *borealis* Svenss.] - FNA, KTZ
 [Eleocharis compressa Sullivant var. *borealis* Drapalik & Mohlenb.] - FNA, KTZ
 [Eleocharis tenuis var. *borealis* (Svenss.) Gleason] - Dom01, FNA, KTZ
Eleocharis engelmannii Steud. - FNA, KTZ, E
 [Eleocharis engelmannii Steud. var. *detonsa* A. Gray] - FNA
 [Eleocharis engelmannii Steud. var. *monticola* (Fernald) Svensson] - HDH
 [Eleocharis *monticola* Fernald] - FNA
 [Eleocharis *monticola* Fernald var. *levigata* Fernald] - FNA
 [Eleocharis *obtusa* (Willd.) Schult. var. *detonsa* (A. Gray) Drapalik & Mohlenb.] - SFE, W&W
 [Eleocharis *obtusa* (Willd.) Schult. var. *ovata* (Roth) Drapalik & Mohlenb.] - GPF
 [Eleocharis *ovata* (Roth) Roem. & Schult.] - IMF, UTF
 [Eleocharis *ovata* (Roth) Roem. & Schult. var. *detonsa* (A. Gray) Mohlenbroek] - FNA
Eleocharis erythriopoda Steud. - FNA, GPF, KTZ<KS, NE, OK>, W&W¹
 [Eleocharis *palustris* (L.) Roem. & Schult.] - Dom01, IMF
Eleocharis macrostachya Britt. in J. K. Small - FNA
 [Eleocharis *perlonga* Fernald & Bracken] - FNA
 [Eleocharis *xyridiformis* Fernald & Beckett] - FNA
Eleocharis montevidensis Kunth - FNA <NM>, GPF, HDH rep., KTZ, SF, W&W, E/W
Eleocharis obtusa (Willd.) Schult. - HDH, FNA, KTZ
 [Eleocharis *obtusa* (Willd.) Schult. var. *obtusa*] - GPF, W&W, W&W¹
 [Eleocharis *ovata* (Roth) Roem. & Schult.] - Dom01, IMF
Eleocharis palustris (L.) Roem. & Schult. - FNA, IMF, KTZ, SF, UTF, W&W, W&W¹, E/W
 [Eleocharis *macrostachya* Britton] - GPF, HDH, KTZ, W&W¹
Eleocharis parvula (Roem. & Schult.) Link ex Bluff & Fingerh. - UTF, E
 [Eleocharis *coloradensis* (Britton) Gilley] - FNA
 [Eleocharis *parvula* (Roem. & Schult.) Link ex Bluff, Nees & Schauer] - KTZ, W&W
 [Eleocharis *parvula* (Roem. & Schult.) Link var. *anachaeta* (Torr.) Svensson] - SFE
 [Eleocharis *parvula* (Roem. & Schult.) Link ex Bluff & Fingerh. var. *anachaeta* (Torr.) Svensson] - Dom01, IMF
 [Eleocharis *parvula* (Roem. & Schult.) Boff. & Fingerh. var. *anachaeta* (Torr.) Svensson] - GPF
 [Eleocharis *parvula* (Roem. & Schult.) Link ex Bluff var. *anachaeta* (Torr.) Svensson] - HDH
 [Eleocharis *parvula* (Roem. & Schult.) Link var. *anachaeta* (Torr.) Svensson] - W&W¹

- Eleocharis pauciflora* (Lightf.) Link - GPF, HDH, IMF, UTF, E/W
 [Eleocharis quisqueflora (Hartmann) Schwarz] - Dom01, FNA, KTZ, SF1, W&W
- Eleocharis rostellata* (Torr.) Torr. - Dom01, FNA, GPF, IMF, KTZ, SF1, UTF, E/W
 [Eleocharis rostellata Torr.] - HDH, W&W
- Eleocharis saundersiana* Beauverd - FNA
- Eleocharis wolfii* (A. Gray) A. Gray ex Britton - FNA, KTZ, W&W¹
 [Eleocharis wolfii (A. Gray) Pat.] - GPF
 [Eleocharis wolfii A. Gray] - HDH rep., W&W
- Eleocharis xyridiformis* (Fernald) Brackett - GPF, W&W¹
 [Eleocharis macrostachya Britton] - KTZ, FNA
 [Eleocharis palustris (L.) Reem. & Schulz] - IMF

- Eriophorum angustifolium* Honck. - Dom01, SF1, W&W, FNA
 [Eriophorum angustifolium Roth] - HDH
 [Eriophorum angustifolium Honck. subsp. *scabiosculum* Hahlé] - KTZ
 [Eriophorum polystachyon L.] - GPF, IMF, UTF, E/W; FNA [rejected name]
- Eriophorum chamissonis* C. A. Mey. - Dom01, FNA, GPF, HDH, KTZ, W&W
 [Eriophorum altaicum Meissn. var. *neogaerum* Raymond sensu FNA.]
- Eriophorum gracile* W. D. J. Koch var. *gracile* - Dom01, KTZ, FNA, E/W
 [Eriophorum gracile W. D. J. Koch] - GPF, HDH, SF1, W&W
- Eriophorum scheuchzeri* Hoppe - IMF, FNA, KTZ, UTF, W&W err. rep., E/W
 [Eriophorum altaicum Meissn. var. *neogaerum* Raymond misapp. in SFW and in 7 specimens of *E. scheuchzeri* at RM annotated as *E. affine* by W. A. Weber in 1991] - KTZ, SF1, W&W
- Eriophorum viridicarinatum* (Engelm.) Fernald - FNA, GPF, KTZ

Hemicarpa (see *Lipocarpa*)

- Fimbristylis puberula* (Michx.) Vahl var. *interior* (Britton) Kral - FNA <NM>, GPF, see IMF,
 KTZ, W&W, E
 [Fimbristylis puberula (Michx.) Vahl] - SFE, HDH
 [Fimbristylis spadicea (L.) Vahl] - IMF, UTF

- Kobresia bellardii* (All.) Degland - HDH, IMF, UTF, E/W
 [Kobresia myosaroides (Vill.) Fiori] - KTZ, FNA
 [Kobresia myosaroides (Vill.) Fiori & Paolii] - SF1, W&W
- Kobresia sibirica* Turez. - (E/W)
 [Kobresia bellardii (All.) Degland var. *macrocarpa* (Clekey) Harrington] - HDH
 [Kobresia schoenoides (C. A. Mey.) Steud.] - SF1, W&W
 [Kobresia sibirica (Turez. ex Ledeb.) Boeckl.] - KTZ, FNA
- Kobresia simpliciuscula* (Wahlenb.) Mack. - IMF, FNA, KTZ, SF1, UTF, W&W, E/W

- Lipocarpha aristulata* (Coville) G. C. Tucker - KTZ, E
 [Hemicarpa micrantha (Vahl) Britton] - GPF, IMF
 [Hemicarpa micrantha Pax var. *aristulata* Coville] - HDH, W&W
 [Hemicarpa micrantha (Vahl) Britton var. *aristulata* Coville] - see IMF, UTF
 [Hemicarpa micrantha (Vahl) Pax var. *aristulata* Coville] - SFE, W&W¹
- Lipocarpha drummondii* (Nees) G. Tucker - Dom01, KTZ, FNA
 [NS: reported by KTZ and WY checklist for WY; for our region only in NM (ide FNA 23: 196)]
 [Hemicarpa drummondii Nees] - KTZ, FNA
 [Hemicarpa micrantha var. *drummondii* (Nees) Friedland] - KTZ
 [Scirpus micranthus var. *drummondii* (Nees) Mohlenbroek] - KTZ

Mariscus (see *Cyperus*)

Rhynchospora alba (L.) Vahl - *J. Lemly et al. 1811* (at COLO)
[NS - collected in fen from La Plata County, J. Lemley (pers. comm. 2008)]

Schoenoplectus acutus (Muhl. ex Bigelow) A.Löve & D. Löve var. acutus - FNA, KTZ, E/W
[*Schoenoplectus lacustris* (L.) Palla subsp. *acutus* (Muhl. ex Bigelow) A. Löve & D. Löve] - W&W
[*Schoenoplectus lacustris* (L.) Palla subsp. *acutus* (Muhl.) A. Löve & D. Löve] - SF!
[*Scirpus acutus* Muhl.] - GPF
[*Scirpus acutus* Muhl. ex Bigelow] - HDH, IMF, UTF

Schoenoplectus acutus (Muhl. ex Bigelow) A. Löve & D. Löve var. *occidentalis* (S. Watson) S.
G. Sm. - Dorn01, KTZ, FNA

Schoenoplectus americanus (Pers.) Volkart ex Schinz & R. Keller - FNA, FCF, KTZ
[*Schoenoplectus americanus* (Pers.) Volkart] - W&W, misapp.
[*Scirpus americanus* Pers.] - GPF, IMF, UTF

Schoenoplectus pungens (Vahl) Palla var. *pungens* - E/W

[*Schoenoplectus pungens* (Vahl) Palla] - SF!, W&W, FNA
[*Schoenoplectus pungens* (Vahl) Pall var. *longispicatus* (Britton) S. G. Sm.] - KTZ
[*Scirpus americanus* Pers. var. *polyphyllus* (Block.) Beetle] - HDH
[*Scirpus pungens* Vahl] - GPF
[*Scirpus pungens* Vahl var. *longispicatus* (Britton) Cronquist] - IMF, UTF
[*Scirpus pungens* (Vahl) Pall. var. *polyphyllus* (Boek.) Dorn] - Dorn01

Schoenoplectus saximontanus (Fernald) J. Raynal - Dorn01, FNA, KTZ, SFE, W&W, E
[*Schoenoplectus saximontanus* Fernald] - RMC
[*Scirpus saximontanus* A. Gray] - GPF
[*Scirpus supinus* L.] - HDH, UTF
[*Scirpus supinus* L. var. *saximontanus* (Fernald) T. Koyama] - IMF

Schoenoplectus tabernaemontani (K. C. Gilmer) Palla - Dorn01, FNA, KTZ, E/W
[*Schoenoplectus lacustris* L. subsp. *validus* (Vahl) A. Löve & D. Löve] - W&W, misapp.
[*Schoenoplectus lacustris* (L.) Palla subsp. *creber* (Fernald) A. Löve & D. Löve] - SFE, W&W¹
[*Schoenoplectus lacustris* (L.) Palla subsp. *validus* (Vahl) A. Löve & D. Löve] - SFW
[*Scirpus validus* Vahl] - GPF, HDH, IMF, UTF

Scirpus (see also *Amphiscirpus*, *Bolboschoenus*, *Schoenoplectus*, *Trichophorum*)

Scirpus microcarpus J. Presl - Dorn01, KTZ, FNA, W&W, E/W
[*Scirpus microcarpus* C. Presl - GPF, IMF, SF!, UTF
[*Scirpus nutrotinctus* Fernald] - HDH

Scirpus pallidus (Britton) Fernald - Dorn01, GPF, HDH, IMF, KTZ, FNA, SF!, W&W, E/W
⊕ **Scirpus pendulus** Muhl. - KTZ, FNA, W&W¹, E
[*Scirpus liseatus* Michx.] - SFE, W&W, W&W¹, misid

{**Trichophorum caespitosum** (L.) Hartman} - KTZ, W&W
[*Trichophorus cespitosus* (L.) Schur] - FNA <UT>

Trichophorum pumilum (Vahl) Schinz & Thell. - Dorn01, KTZ, FNA <MT>, SF!, W&W, E/W
[*Scirpus pumilus* Vahl] - HDH rep.

Cypripediaceae (see ORC)

Dipsacaceae - DPS

* **Dipsacus fullonum** L. - Dorn01, GPF, KTZ, SF!, W&W, E/W

[*Dipsacus sylvestris* Huds.] - HDH, IMF, UTF
* *Dipsacus laciniatus* L. - GPF, KTZ, SFE, W&W, E
[WI - this species appears to hybridize with *D. fullonum* in parts of Jefferson Co, CO]

* *Knautia arvensis* (L.) Coulte. - GPF, IMF, KTZ, UTF, W&W, E/W
[*Knautia arvensis* (L.) Duby] - SF!

Droseraceae - DRS

Drosera anglica Huds. - J. Lemly et al. f806 (COLO)
[NS - collected in fen in La Plata County, J. Lemly (pers. comm. 2008)]
Drosera rotundifolia L. var. *rotundifolia* - KTZ, E/W
[*Drosera rotundifolia* L.] - GPF, SF!, W&W

Ehretiaceae (sec BOR)

Elaeagnaceae - ELE

* *Elaeagnus angustifolia* L. - Doen01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
† *Elaeagnus commutata* Bernh. ex Rydb. - Doen01, IMF, KTZ, E
[*Elaeagnus communata* Bernh.] - GPF, HDH, SFE, UTF, W&W

Shepherdia argentea (Pursh) Nutt. - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Shepherdia canadensis (L.) Nutt. - Doen01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Elatimaceae - ELT

Bergia texana (Hook.) Seub. ex Walp. - KTZ, W&W, E
[*Bergia sessans* (Hook.) Seub.] - SFE, UTF
[*Bergia texana* (Hook.) Walp.] - GPF

{*Elatine americana* (Pursh) Arn.} - HDH, KTZ <KS, OK>, W&W, misapp.
Elatine brachysperma A. Gray - WY checklist, GPF, KTZ, UTF
[*Elatine obvata* (Fassett) Mason] - KTZ
[*Elatine trianda* var. *brachysperma* (Gray) Fassett] - KTZ
Elatine rubella Rydb. - Dom01, KTZ, W&W, E/W
[*Elatine trianda* Schkuhr] - GPF, HDH rep., SF!, UTF, W&W^o

Ericaceae - ERI (including Monotropaceae, Pyrolaceae)

(Identification sources: _____)

- ♦ *Arctostaphylos X coloradensis* Rollins - **ENDEMIC <CO>**, KTZ
 - [*Arctostaphylos patula* X A. *iva-ursi*] - KTZ
 - [*Arctostaphylos nevadensis* A. Gray var. *coloradensis* (Rollins) Harrington] - HDH
 - [*Arctostaphylos patula* Greene forma *platyphylla* (A. Gray) P. V. Wells] - W&W
- Arctostaphylos patula* Greene - HDH, KTZ, UTF, W
 - [*Arctostaphylos patula* Greene subsp. *platyphylla* (A. Gray) P. V. Wells] - SF/W
 - [*Arctostaphylos patula* Greene forma *platyphylla* (A. Gray) P. V. Wells] - W&W
- Arctostaphylos pungens* Kunth - KWA, KTZ, M&H, W&S

- [*Arctostaphylos chaloneorum* J.B. Roof] - KTZ
- [*Arctostaphylos pseudopungens* J.B. Roof] - KTZ
- [*Arctostaphylos pungens* subsp. *chaloneorum* (J.B. Roof) J.B. Roof] - KTZ
- Arctostaphylos uva-ursi* (L.) Spreng. var. *adenotricha* Fernald & J. F. Macbr. - Dom01, GPF, HDH, E/W
 - [*Arctostaphylos uva-ursi* L. subsp. *adenotricha* (Fernald & J. F. Macbr.) Calder & R. L. Taylor - SFW
 - [*Arctostaphylos uva-ursi* (L.) Spreng. subsp. *adenotricha* (Fernald & J. F. Macbr.) Calder & R. L. Taylor - GPF, HDH, SFE, W&W¹
 - [*Arctostaphylos adenotricha* (Fernald & J. F. Macbr.) A. Löve, D. Löve, & B. M. Kapoor] - W&W
 - [*Arctostaphylos uva-ursi* (L.) Spreng.] - KTZ, UTF
- Arctostaphylos uva-ursi* (L.) Spreng. var. *sppitata* (Packer & Denford) Dorn - Dorn01
- Arctostaphylos uva-ursi* (L.) Spreng. var. *uva-ursi* - Dorn01, HDH, E
 - [*Arctostaphylos uva-ursi* (L.) Spreng.] - KTZ, UTF
 - [*Arctostaphylos uva-ursi* L. subsp. *coactilis* (Fernald & J. F. Macbr.) A. Löve, D. Löve, & B. M. Kapoor] - W&W
 - [*Arctostaphylos uva-ursi* (L.) Spreng. subsp. *coactilis* (Fernald & J. F. Macbr.) A. Löve, D. Löve, & B. M. Kapoor] - SFE, W&W
 - [*Arctostaphylos uva-ursi* (L.) Spreng. var. *coactilis* Fernald & J. F. Macbr.] - GPF, HDH

Azaleastrum (see *Rhododendron*)

- Chimaphila umbellata* (L.) W.P.C. Barton var. *occidentalis* (Rydberg) S.F. Blake - Dorn01, HDH, UTF, E/W
 - [*Chimaphila umbellata* (L.) W. P. C. Barton] - GPF
 - [*Chimaphila umbellata* (L.) W. P. C. Barton subsp. *acuta* (Rydberg) Hultén] - KTZ
 - [*Chimaphila umbellata* (L.) W. P. C. Barton var. *acuta* (Rydberg) S. F. Blake] - HDH, exp.
 - [*Chimaphila umbellata* (L.) W. P. C. Barton subsp. *occidentalis* (Rydberg) Hultén] - KTZ, SF!, W&W

Gaultheria humifusa (Graham) Rydb. - Dorn01, HDH, KTZ, SF!, UTF, W&W, E/W

Hypopitys (see *Monotropa*)

- Kalmia microphylla* (Hook.) A. Heller var. *microphylla* - E/W
 - [*Kalmia microphylla* (Hook.) A. Heller] - Dom01, KTZ, SF!, UTF, W&W
 - [*Kalmia polifolia* Wang, var. *microphylla* (Hook.) Rehd.] - HDH

- Moneses uniflora* (L.) A. Gray var. *uniflora* - E/W
 - [*Moneses uniflora* (L.) A. Gray] - Dom01, HDH, KTZ, SF!, W&W
 - [*Moneses uniflora* L.] - UTF
 - [*Pyrola uniflora* L.] - GPF

- Monotropa hypopithys* L. - GPF, KTZ, E/W
 - [*Hypopitys monotropa* Crantz] - Dom01, SF!, W&W
 - [*Monotropa hypopithys* L. var. *latissima* (Rydberg) Keamey & Posluszny] - HDH
- [*Monotropa uniflora* L.] - M&H, exp., KWA (not exp.), JM (not rep.), HDH, exp., GPF, KTZ
 - <KS, NE, OK>

Orthilia secunda (L.) House - Dom01, KTZ, W&W, E/W

- [*Orthilia secunda* (L.) House subsp. *obtusata* (Turcz.) Böcher] - SF!, W&W¹
- [*Orthilia secunda* (L.) House subsp. *secunda*] - SF!
- [*Pyrola secunda* L.] - GPF, HDH, UTF
- [*Ramischia secunda* Rydb.] - HDH

{*Phyllocoete empetrifolia* (Sm.) D. Don} - HDH rep., KTZ <AZ, WY>, W&W, misid.

Pterospora andromedea Nutt. - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Pyrola (see also *Moneses*, *Orthilia*)

(Identification sources: _____)

Pyrola asarifolia Michx. var. *asarifolia* - HDH, E/W

[*Pyrola asarifolia* Michx.] - Dorn01, GPF, UTF

[*Pyrola asarifolia* Michx. subsp. *asarifolia*] - KTZ

[*Pyrola asarifolia* Michx. var. *purpurea* (Bunge) Fernald] - HDH

[*Pyrola rotundifolia* L. subsp. *asarifolia* (Michx.) A. Löve] - SF!

[*Pyrola rotundifolia* L. subsp. *asarifolia* (Michx.) A. Löve & D. Löve] - W&W

Pyrola chlorantha Sw. var. *chlorantha* - E/W

[*Pyrola chlorantha* Sw.] - Dorn01, HDH, KTZ, SF!, UTF, W&W

[*Pyrola elliptica* Nutt.] - KWA, KTZ, M&H

[WJ - a northeastern species that appears to reach the Black Hills; specimens from our area probably misidentified and likely *P. chlorantha*]

Pyrola minor L. - Dorn01, HDH, KTZ, SF!, UTF, W&W, E/W

Pyrola picta Sm. var. *picta* - Dorn01, E/W

[*Pyrola picta* Sm.] - GPF, HDH, KTZ, SF!, UTF, W&W

♦ *Rhododendron albiflorum* Hook. var. *warrenii* (A. Nelson) M. A. Lane - **ENDEMIC <CO>**, KTZ, E/W

[*Azaleastrum albiflorum* (Hook.) Rydb.] - W&W

[*Azaleastrum albiflorum* (Hook.) Rydb. subsp. *warrenii* (A. Nelson) W. A. Weber] - SF!, W&W¹

[*Rhododendron albiflorum* Hook.] - HDH

Vaccinium cespitosum Michx. - Dorn01, SF!, W&W, E/W

[*Vaccinium caespitosum* Michx.] - HDH, UTF

[*Vaccinium cespitosum* Michx. var. *cespitosum*] - KTZ

Vaccinium globulare Rydb. - W&W¹

[*Vaccinium membranaceum* Dougl.] - UTF

[*Vaccinium membranaceum* Dougl. ex Torr.] - KTZ <AZ, UT, WY>

Vaccinium myrtillus L. var. *oreophilum* (Rydb.) Dorn - Dorn01, KTZ, E/W

[*Vaccinium myrtillus* L.] - HDH, UTF

[*Vaccinium myrtillus* L. subsp. *oreophilum* (Rydb.) A. Löve & D. Löve] - SF!, W&W

[*Vaccinium occidentale* A. Gray] - SFW, exp.

Vaccinium scouleri Leiberg ex Coville - Dorn01, KTZ, W&W, E/W

[*Vaccinium scouleri* Leiberg] - GPF, HDH, SF!, UTF

Euphorbiaceae - EUP (see also PLL)

(Identification sources: _____)

Agalma (see *Euphorbia*)

Argythamnia humilis (Engelm. & A. Gray) Müll. Arg. var. *humilis* - GPF, KTZ, E

- [Argythamnia humilis (Engelm. & A. Gray) Mill. Arg.] - SFE, W&W
 [Ditaxis humilis (Engelm. & A. Gray) Pax] - HDH
- Argythamnia mercurialina (Nutt.) Mill. Arg. var. mercurialina - KTZ, E**
 [Argythamnia mercurialina (Nutt.) Mill. Arg.] - GPF, SFE, W&W
 [Ditaxis mercurialina (Nutt.) J. M. Coul.] - HDH
- Chamaesyce
- (Identification sources: _____)
- ◆ Chamaesyce albomarginata (Torr. & A. Gray) Small - IMF, KTZ, W&W, misid.
 [Euphorbia albomarginata Torr. & A. Gray] - GPF, <CO>, HDH, exp., UTF
- Chamaesyce chaetocalyx (Boiss.) Wooton & Standl. var. chaetocalyx - KTZ
- Chamaesyce fendleri (Torr. & A. Gray) Small - Dorn01, IMF, KTZ, SF!, W&W, E/W
 [Euphorbia fendleri Torr. & A. Gray] - GPF, UTF
 [Euphorbia fendleri Torr. & A. Gray var. fendleri] - HDH
- Chamaesyce geyeri (Engelm.) Small - Dorn01, SFE, W&W, E
 [Chamaesyce geyeri (Engelm.) Small var. geyeri] - KTZ
 [Euphorbia geyeri Engelm.] - GPF, HDH
 [Euphorbia geyeri Engelm. var. geyeri] - RMC
- Chamaesyce glyptosperma (Engelm.) Small - Dorn01, IMF, KTZ, SF!, W&W, E/W
 [Euphorbia glyptosperma Engelm.] - GPF, HDH, UTF
- Chamaesyce lata (Engelm.) Small - KTZ, SFE, W&W, E
 [Euphorbia lata Engelm.] - GPF, HDH
- Chamaesyce maculata (L.) Small - Dorn01, IMF, KTZ, E
 [Chamaesyce supina (Raf.) Moldenke] - SFE, W&W¹
 [Euphorbia maculata L.] - GPF, UTF, W&W, out of range
- {Chamaesyce micromera (Boiss. ex Engelm.) Wooton & Standl.] - IMF, KTZ
 [Euphorbia micromera Boiss. ex Engelm.] - HDH, exp.
- Chamaesyce missurica (Raf.) Shinners - KTZ, SFE, W&W, E
 [Euphorbia missurica Raf.] - GPF
 [Euphorbia missurica Raf. var. intermedia (Engelm.) Wheeler] - HDH
 [Euphorbia missurica Raf. var. petaloidea (Engelm.) Dom] - Dorn01
- Chamaesyce nutans (Lag.) Small - Dorn01, KTZ
 [Chamaesyce maculata auct. non (L.) Small] - KTZ
 [Chamaesyce presili (Guss.) Arthur] - KTZ
 [Euphorbia maculata auct. non L.] - KTZ
 [Euphorbia nutans Lag.] - KTZ
 [Euphorbia presili Guss.] - KTZ
- Chamaesyce parryi (Engelm.) Rydb. - IMF, KTZ, SFW, W&W, W
 [Euphorbia parryi Engelm.] - HDH rep., UTF
- ◆ Chamaesyce prostrata (Aiton) Small - Dorn01, IMF, KTZ
 [Euphorbia prostrata Ait.] - GPF, UTF
- Chamaesyce revoluta (Engelm.) Small - IMF, KTZ, SF!, W&W, E/W
 [Euphorbia revoluta Engelm.] - GPF, HDH, UTF
- ◆ Chamaesyce serpens (Kunth) Small - Dorn01, KTZ, SFE, W&W, E
 [Euphorbia serpens Kunth] - GPF, HDH, RMC
- * Chamaesyce serpyllifolia (Pers.) Small - Dorn01, IMF, SF!, W&W, E/W
 [Chamaesyce serpyllifolia (Pers.) Small subsp. serpyllifolia] - KTZ
 [Euphorbia serpyllifolia Pers.] - GPF, UTF
 [Euphorbia serpyllifolia Pers. var. serpyllifolia] - HDH
- {Chamaesyce serrula (Engelm.) Wooton & Standl] - KTZ

{Euphorbia serrula Engelm.] - HDH, exp.
Chamaesyce stictospora (Engelm.) Small - Dorn01, KTZ, SFE, W&W, E
[Euphorbia stictospora Engelm.] - GPF, HDH

Croton pottsii (Klotzsch) Müll. -Arg. var. pottsii - KWA, KTZ, JM (not rep.)
[Croton corymbulosus Engelm.] - KWA, KTZ
[Croton crenophilus Wooton & Standley] - KWA
Croton texensis (Klotzsch) Müll.-Arg. - Dorn01, GPF, HDH, SF!, W&W, E/W
[Croton texensis (Klotzsch) Müll. Arg. var. texensis] - IMF, KTZ, UTF

Ditaxis (see *Argythamnia*)

Euphorbia

(Identification sources: _____)

Euphorbia (see also *Chamaesyce*)

Euphorbia agraria Bieb. - Dorn01, KTZ

Euphorbia brachycera Engelm. - IMF, KTZ, UTF, E/W

[Euphorbia brachycera Engelm. var. robusta (Engelm.) Dom] - Dorn01

[Euphorbia robusta (Engelm.) Small] - GPF, HDH, KTZ

[Tithymalus brachyceroides (Engelm.) Small] - SF!, W&W

{Euphorbia crenulata Engelm.] - HDH, IMF, KTZ, W

[W] - This species is native to CA and OR (see Jepson Manual). Presence in CO based on old specimen at COLO from Montezuma Co. that is *E. brachycera* in my opinion. A disjunction from 100 years ago is unlikely; species is not mentioned by other floras of the surrounding states]

{Tithymalus crenulatus (Engelm.) A. Heller] - SFW, W&W

* Euphorbia cyparissias L. - Dorn01, GPF, HDH, IMF, KTZ, UTF, E

[Tithymalus cyparissias (L.) Lam.] - SFE, W&W

Euphorbia dentata Michx. - Dorn01, GPF, UTF, E/W

[Euphorbia davidii Sibth] - IMF, KTZ

[Euphorbia dentata Michx. var. cuspisepma Engelm.] - HDH

[Euphorbia dentata Michx. var. dentata] - HDH, KTZ

[Pomettia dentata (Michx.) Klotzsch & Garcke] - SF!, W&W

* Euphorbia esula L., var. esula - Dorn01, KTZ, E/W

[Euphorbia esula L.] - GPF, HDH, IMF, UTF

[Euphorbia x pseudovirgata (Schur) Sojč] - GPF

[Euphorbia esula X E. virgata] - GPF

[Tithymalus esula (L.) Scopoli] - SF, W&W

* Euphorbia esula L. var. uralensis (Fisch. ex Link) Dorn - Dorn01, KTZ, E/W

[Euphorbia uralensis Fisch. ex Link] - GPF

[Tithymalus uralensis (Fisch.) Prokhanov] - SF!

[Tithymalus uralensis (Fisch. ex Link) Prokhanov] - W&W

Euphorbia esculenta Engelm. - Dorn01, GREE (Herbarium 9507 for CO; Hazlett 12212 for NM), Smith09?, KTZ

[Euphorbia esculenta Engelm. var. lata Warnock & M. C. Johnston] - KTZ

Euphorbia hexagona Nutt. ex Spreng. - HDH, KTZ, E

[Euphorbia hexagona Nutt.] - GPF, IMF

[Zygophyllum hexagonum (Nutt.) Small] - SFE, W&W

Euphorbia helioscopia L. - Dorn01

[Galarhoeus helioscopia (L.) Haw.] - KTZ

[Tithymalus helioscopia (L.) Hill] - KTZ

- Euphorbia incisa Engelm. var. mollis (Norton) Wheeler - KTZ, W
 [Euphorbia incisa Engelm.] - IMF
 [Tithymalus incisus (Engelm.) W. A. Weber] - W&W
 [Tithymalus incisus (Engelm.) Norton var. mollis W. A. Weber] - SFW
- Euphorbia marginata Pursh - Dom01, GPF, HDH, IMF, KTZ, UTF, E/W
 [Agalma marginata (Pursh) A. Löve & D. Löve] - SFE, W&W
- * Euphorbia myrsinites L. - IMF, KTZ, UTF, E
 [Tithymalus myrsinatus (L.) Hill] - SFE, W&W
- {Euphorbia nephraenia Barneby} - IMF, KTZ <UT>, UTF <CO>
 [WJ - Reported presence in CO based entirely on report in IMF. I've seen no specimens in CO; its presumed presence in Montezuma Co. would be a substantial range disjunction from sw UT]
- * Euphorbia peplus L. - GPF, IMF, KTZ, UTF, E
 [WJ - Collected once in CO in Golden. L. Yeatts has collected Golden area for 30 years and never encountered it. Probably a non-persistent waif]
 [Tithymalus peplus (L.) Hill] - SFE, W&W
- Euphorbia spathulata Lam. - Dom01, GPF, IMF, KTZ, UTF, E/W
 [Euphorbia dictyosperma Fisch. & C. A. Mey.] - HDH
 [Tithymalus spathulatus (Lam.) W. A. Weber] - SFE, W&W
- Poinsettia (see **Euphorbia**)
- Reverchonita (see **PLL**)
- Stillingia sylvatica Garden ex L. subsp. sylvatica - KTZ, E
 [Stillingia sylvatica L.] - SFE, GPF
 [Stillingia sylvatica Garden ex L.] - HDH, W&W
- Tithymalus (see **Euphorbia**)
- {Tragia nepetifolia Cav.} - HDH, W&W, misapp.
 [Tragia betonicifolia Nutt.] - GPF
 [Tragia nepetifolia Cav. var. dissecta Müll. Arg.] - KTZ
- Tragia ramosa Torr. - GPF, IMF, KTZ, SFE, UTF, E/W
 [Tragia ramosa (Müll. Arg.) Torr.] - W&W

Zygophyllidium (see **Euphorbia**)

Fabaceae - FAB (= Leguminosae, including Caesalpiniaceae, Mimosaceae)

(Identification sources: _____)

- * Alhagi maurorum Medik. - IMF, KTZ, W&W¹, NNL
 [Alhagi camelorum Fisch.] - W&W
 [Alhagi macrorhiza Medik.] - UTF

- Amorpha canescens Pursh - Dom01, GPF, HDH, KTZ, SFE, UTF, W&W, E
 [Amorpha canescens Nutt.] - IMF
 [Amorpha canescens Nutt. ex Pursh] - NNL
- Amorpha fruticosa L. - Dom01, GPF, IMF, KTZ, NNL, UTF, W&W, E
 [Amorpha fruticosa L. var. angustifolia Pursh] - SFE, HDH
 [Amorpha fruticosa L. var. occidentalis (Abrams) Kearney & Peebles] - HDH, rep.

Amorpha nana Nutt. - GPF, HDH, KTZ, NNL, SFE, W&W, E

Aplos americana Medik. - GPF, KTZ, NNL, SFE, W&W, E

Astragalus

(Identification sources: _____)

Astragalus adsurgens Pall. var. *robustior* Hook. - GPF, IMF, NNL, SFE, W&W, E/W

[*Astragalus adsurgens* Pall.] - SFW¹

[*Astragalus adsurgens* Pall. subsp. *robustior* (Hook.) S. L. Welsh] - UTF

[*Astragalus laevissimus* Lam.] - W&W¹

[*Astragalus laevissimus* Jacq. var. *robustior* (Hook.) S. L. Welsh & Barneby] - Dom01, KTZ

[*Astragalus strictus* Nutt. ex Torr. & A. Gray] - HDH

[*Astragalus sulphurescens* Rydb.] - HDH

Astragalus agrestis Douglas ex G. Don - Dom01, GPF, HDH, IMF, KTZ, NNL, W&W, E/W
[*Astragalus agrestis* Douglas] - SF?

Astragalus albus Woot. & Standl. - FCF, NNL

Astragalus alpinus L. var. *alpinus* - KTZ, NNL, E/W
[*Astragalus alpinus* L.] - Dom01, GPF, HDH, IMF, SFT, UTF, W&W

Astragalus americanus (Hook.) M. E. Jones - GPF, KTZ, NNL, SFE, W&W, E
[*Astragalus frigidus* (L.) A. Gray var. *americanus* (Hook.) S. Watson] - W&W¹

Astragalus amphioxys A. Gray var. *amphioxys* - FCF, NNL
[*Astragalus amphioxys* var. *melanocalyx* (Rydb.) Tidestrom] - KTZ

Astragalus amphioxys A. Gray var. *vespertinus* (E. Sheldon) M. E. Jones - HDH, IMF, KTZ,
NNL, SFW, UTF, W&W, W

◆ *Astragalus anisus* M. E. Jones - **ENDEMIC <CO>**, HDH, KTZ, NNL, SFW, W&W, W

Astragalus aretioides (M. E. Jones) Barneby - IMF, KTZ, UTF, W
[*Astragalus sericeofolius* A. Gray var. *aretioides* M. E. Jones] - HDH

[*Orophaca aretioides* (M. E. Jones) Rydb.] - NNL, SFW, W&W

Astragalus angophyllus Nutt. var. *angophyllus* - Dom01
[*Astragalus angophyllus* Nutt. ex T. & G. var. *angophyllus*] - NNL
[*Xylophacos angophylloides* (Nutt.) Rydb.] - KTZ

Astragalus angophyllus Nutt. var. *martinii* M. E. Jones - IMF, KTZ, SFW, W
[*Astragalus angophyllus* Nutt. var. *pepragmenoides* Barneby]

[*Astragalus angophyllus* Nutt. ex Torr. & A. Gray var. *martinii* M. E. Jones] - NNL, UTF, W&W

[*Astragalus angophyllus* Nutt. ex Torr. & A. Gray var. *pepragmenoides* Barneby] - HDH, W&W

Astragalus asclepiadoides M. E. Jones - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W

Astragalus australis (L.) Lam. var. *glabriusculus* (Hook.) Isely - Dom01, IMF, NNL, W&W¹,
E/W

[*Astragalus aoriginaria* Richardson] - GPF

[*Astragalus aoriginaria* Richardson var. *aboriginum*] - HDH

[*Astragalus aoriginaria* Richardson var. *fastigiorum* M. E. Jones] - SFT, W&W

[*Astragalus aoriginaria* Richardson var. *glabriusculus* (Hook.) Rydb.] - HDH, SFE, W&W

[*Astragalus australis* (L.) Lam.] - KTZ

[*Astragalus australis* (L.) Lam. subsp. ?] - W&W¹

[*Astragalus australis* Fisch. var. *glabriusculus* (Hook.) Isely] - UTF

Astragalus barrii Barneby - Dom01

[*Orophaca barrii* (Barneby) Isely] - KTZ, NNL

Astragalus bisulcatus (Hook.) A. Gray var. *bisulcatus* - Dom01, IMF, KTZ, NNL, UTF, E/W
[*Astragalus bisulcatus* A. Gray] - W&W

[*Astragalus bisulcatus* (Hook.) A. Gray] - GPF, HDH, W&W¹

- [*Astragalus diphloicus* Tidestr.] - HDH
- Astragalus bisulcatus* (Hook.) A. Gray var. *haydenianus* (A. Gray) Barneby - Dorn01, KTZ, E/W
 [Astragalus bisulcatus (Hook.) A. Gray var. *haydenianus* (A. Gray ex Brandegee) Barneby] - IMF, NNL
 [Astragalus *haydenianus* A. Gray] - HDH, SFT, W&W
- Astragalus bisulcatus* (Hook.) A. Gray var. *major* (M. E. Jones) S. L. Welsh - Dorn01, KTZ, NNL
- Astragalus bodinii* E. Sheld. - Dorn01, GPF, HDH, IMF, KTZ, NNL, SFE, UTF, W&W, E
- Astragalus brandegeei* Porter - HDH, IMF, KTZ, NNL, SFI, UTF, W&W, E/W
- Astragalus calycosus* Torr. ex S. Watson var. *calycosus* - IMF, KTZ, NNL, UTF, W&W
 [Astragalus *calycosus* Torr.] - Dorn01, HDH
- Astragalus calycosus* Torr. ex S. Watson var. *scapus* (A. Gray) M. E. Jones - IMF, KTZ, NNL, UTF, W&W, W
- [Astragalus *calycosus* Torr.] - HDH
- [Astragalus *calycosus* A. Gray var. *scapus* M. E. Jones] - SFW
- [Astragalus *calycosus* Torr. ex S. Watson var. *scapus* M. E. Jones] - W&W¹
- Astragalus canadensis* L. var. *brevidens* (Gand.) Barneby - Dorn01, IMF, KTZ, NNL, SFW, W
- Astragalus canadensis* L. var. *canadensis* - Dorn01, HDH, IMF, KTZ, NNL, UTF, W&W, E
 [Astragalus *canadensis* L.] - GPF, SFE
- Astragalus canadensis* L. var. *mortonii* (Nutt.) S. Watson - HDH, IMF, KTZ, NNL, W&W
 [Astragalus *canadensis* L. var. *brevidens* (Gand.) Barneby] - RMC
- Astragalus ceramicus* E. Sheld. var. *ceramicus* - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
 [Astragalus *ceramicus* E. Sheld. var. *imperfectus* E. Sheld.] - HDH
- Astragalus ceramicus* E. Sheld. var. *filiifolius* (A. Gray) F. J. Herm. - Dorn01, GPF, IMF, KTZ, NNL, SFI, W&W, E/W
- ◆ *Astragalus cerussatus* E. Sheld. - ENDEMIC <CO>, NNL, HDH, KTZ, SFI, W&W, E/W
- Astragalus chamaeleuce* A. Gray var. *chamaeleuce* - IMF, KTZ, NNL, UTF, W
 [Astragalus *chamaeleuce* A. Gray] - Dorn01, HDH, SFW, W&W
- Astragalus chiloëdes* Barneby - IMF, NNL
 [Astragalus *chiloëdes* Barneby] - KTZ <UT>, UTF
- Astragalus cibarius* E. Sheld. - Dorn01, IMF, KTZ, NNL, SFW, UTF, W&W, W
- * *Astragalus cicer* L. - Dorn01, IMF, KTZ, NNL, SFI, UTF, W&W, E/W
- Astragalus coltonii* M. E. Jones var. *moabensis* M. E. Jones - Dorn01, HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
- Astragalus convallarius* Greene var. *convallarius* - IMF, KTZ, NNL, UTF, W&W, W
 [Astragalus *convallarius* Greene] - Dorn01, SFW
 [Astragalus *diversifolius* A. Gray] - Dorn01 (uncertain for W/Y as taxon separate from A. c. var. c.) HDH
- Astragalus convallarius* Greene var. *scopulorum* Barneby - IMF, KTZ, NNL, SFE, W&W, E
- Astragalus crassicarpus* Nutt. var. *cavus* Barneby - NNL, KWA, KTZ, M&H, JM, not rep.
- Astragalus crassicarpus* Nutt. var. *crassicarpus* - Dorn01, GPF, KTZ, NNL, W&W, E
 [Astragalus *crassicarpus* Nutt.] - HDH, SFE
- Astragalus crassicarpus* Nutt. var. *paysonii* (Kelso) Barneby - Dorn01, GPF, KTZ, NNL, W&W, E
 [Astragalus *crassicarpus* Nutt.] - SFE
 [Astragalus *succulentus* Richardson] - HDH
- Astragalus cronquistii* Barneby - IMF, KTZ, NNL, SFW, UTF, W&W, W
- ◆ *Astragalus debequaeus* S. L. Welsh - ENDEMIC <CO>, KTZ, SFW, W&W, W
 [Astragalus *eastwoodae* M. E. Jones] - W&W¹
 [Astragalus *eastwoodae* M. E. Jones var. *debequaeus* (S. L. Welsh) Isely] - NNL
- Astragalus desperatus* M. E. Jones var. *desperatus* - IMF, KTZ, NNL, UTF, W
 [Astragalus *desperatus* M. E. Jones] - HDH, SFW, W&W
 [Astragalus *desperatus* M. E. Jones var. *neesiae* Barneby] - IMF, KTZ, W&W¹

- [*Astragalus equestris* Neese & S. L. Welsh] - UTF
- ◆ *Astragalus deterior* (Barneby) Barneby - **ENDEMIC<CO>**, KTZ, NNL, SFW, W&W, W
[*Astragalus naturiternis* Payson var. *deterior* Barneby] - HDH
- Astragalus detritalis* M. E. Jones - HDH, IMF, KTZ, NNL, UTF, W&W, W
[*Astragalus detritalis* Barneby] - SFW
- Astragalus drummondii* Douglas ex Hook. - Dom01, NNL, GPF, IMF, KTZ, UTF, W&W, E/W
[*Astragalus drummondii* Douglas] - HDH, SF!
- Astragalus duchesnensis* M. E. Jones - HDH rep., IMF, KTZ, NNL, SFW, UTF, W&W, W
- Astragalus eastwoodiae* M. E. Jones - IMF, KTZ, SFW, UTF, W&W, W
[*Astragalus eastwoodiae* M. E. Jones var. *eastwoodiae*] - NNL
[*Astragalus pseudissimus* A. Gray var. *eastwoodiae* (M. E. Jones) M. E. Jones] - HDH
- Astragalus eucosmus* B. L. Rob. - Dom01, HDH, IMF, KTZ, NNL, SFI, UTF, W&W, E/W
- * *Astragalus falcatus* Lam. - IMF, KTZ, NNL, SFI, UTF, W&W, E/W
- Astragalus flavus* Nutt. - Dom01, IMF, KTZ, SFW, W&W, W
[*Astragalus confertiflorus* A. Gray var. *confertiflorus*] - HDH
[*Astragalus confertiflorus* A. Gray var. *flaviflorus* (Kunze) M. E. Jones] - HDH
[*Astragalus flavus* Nutt. var. *flavus*] - NNL
[*Astragalus flavus* Nutt. ex Torr. & A. Gray var. *flavus*] - UTF
- Astragalus flexuosus* (Hook.) Douglas ex G. Don var. *dichlili* (M. E. Jones) Barneby - KTZ, E/W
[*Astragalus flexuosus* (Hook.) G. Don] - GPF, SFE
[*Astragalus flexuosus* Douglas ex Hook. var. *dichlili* (M. E. Jones) Barneby] - HDH
[*Astragalus flexuosus* (Hook.) G. Don var. *dichlili* (M. E. Jones) Barneby] - IMF, NNL, UTF, W&W
- Astragalus flexuosus* (Hook.) Douglas ex G. Don var. *flexuosus* - KTZ, E/W
[*Astragalus flexuosus* (Hook.) Douglas] - SFW
[*Astragalus flexuosus* (Hook.) G. Don] - SFE, GPF
[*Astragalus flexuosus* (Hook.) G. Don var. *flexuosus*] - IMF, NNL, UTF, W&W
[*Astragalus flexuosus* Douglas ex Hook. var. *flexuosus*] - HDH
- Astragalus flexuosus* (Hook.) Dougl. ex G. Don var. *greenei* (A. Gray) Barneby - KTZ
[*Astragalus flexuosus* (Hook.) Dougl.] - SF!
[*Astragalus flexuosus* (Hook.) G. Don] - GPF
[*Astragalus flexuosus* (Hook.) G. Don var. *greenei* (A. Gray) Barneby] - KTZ, NNL
- Astragalus falcatus* Barneby - IMF <CO>, KTZ, NNL, SFW, W&W, W
- Astragalus geyeri* A. Gray var. *geyeri* - IMF, KTZ, NNL, W
[*Astragalus geyeri* A. Gray] - Dom01, SFW, UTF, W&W
- Astragalus gilivillorus* E. Sheld. var. *gilivillorus* - Dom01, KTZ, E
[*Astragalus gilivillorus* E. Sheld.] - GPF, IMF, UTF
[*Orophaca triphylla* Brinon] - SFE, W&W
[*Orophaca triphylla* (Eat. & J. Wright) Brinon] - NNL
- Astragalus gracilis* Nutt. - Dom01, GPF, HDH, KTZ, NNL, SFE, W&W, E
[*Astragalus parviflorus* (Pursh) Nutt.] - HDH
- Astragalus grayi* Parry ex S. Wats. - Dom01, KTZ
- Astragalus hallii* A. Gray var. *hallii* - IMF, KTZ, NNL, E/W
[*Astragalus hallii* A. Gray] - HDH, SFI, W&W
- Astragalus hamiltonii* Ced. Porter - IMF, KTZ, UTF
[*Astragalus loschocarpus* Torr. var. *hamiltonii* (Ced. Porter) Isely] - NNL, W&W
- Astragalus humillimus* A. Gray - KTZ, SFW, W&W, W
[*Astragalus humillimus* A. Gray ex Bransford] - IMF, NNL
- Astragalus humistratus* A. Gray - HDH, KTZ <AZ, NM, UT>, W&W, misid.
[*Astragalus humistratus* A. Gray var. *humistratus*] - IMF <CO>, NNL
- Astragalus hyalinus* M. E. Jones - Dom01, GPF, HDH, KTZ, E
[*Orophaca hyalina* M. E. Jones] - SFE
[*Orophaca hyalina* (M. E. Jones) Isely] - NNL, W&W

- ♦ *Astragalus iodopetalus* (Rydb.) Barneby - **ENDEMIC <CO, NM>**, KTZ, NNL, W
 [Astragalus iodopetalus Greene ex Barneby] - HDH
 [Astragalus iodopetalus (Greene) Barneby] - SFW
 [Astragalus iodopetalus (Greene ex Rydb.) Barneby] - W&W
- Astragalus jejunus* S. Watson var. *jejunus* - Dorn01, KTZ, W
 [Astragalus *jejunus* S. Watson] - IMF, NNL, SFW, UTF, W&W
- Astragalus kentrophyta* A. Gray var. *elatus* S. Watson - IMF, KTZ, NNL, UTF, W
 [Astragalus *kentrophyta* A. Gray] - HDH
 [Astragalus *kentrophyta* A. Gray subsp. *elatus* (S. Watson) W. A. Weber] - SFW, W&W
- Astragalus kentrophyta* A. Gray var. *jessiae* (Peck) Barneby - WY checklist
 [Astragalus *jessiae* M. E. Peck] - KTZ
 [Astragalus *kentrophyta* A. Gray subsp. *jessiae* (M.E. Peck) W.A. Weber] - KTZ, NNL
- Astragalus kentrophyta* A. Gray var. *kentrophyta* - NNL, IMF, KTZ, E
 [Astragalus *kentrophyta* A. Gray] - GPF, HDH
 [Astragalus *kentrophyta* A. Gray subsp. *kentrophyta*] - SFE, W&W
- Astragalus kentrophyta* A. Gray var. *tegetarius* (S. Watson) Dorn - IMF, KTZ, UTF, E/W
 [Astragalus *kentrophyta* A. Gray subsp. *implexus* (Canby ex Porter & J. M. Coulter) W. A. Weber] - W&W
 [Astragalus *kentrophyta* A. Gray subsp. *implexus* (Canby) W. A. Weber] - SF
 [Astragalus *kentrophyta* A. Gray var. *implexus* (Porter & J. M. Coulter) Barneby] - NNL
 [Astragalus *kentrophyta* A. Gray var. *implexus* (Canby ex Porter & J. M. Coulter) Barneby] - KTZ
 [Astragalus *tegetarius* S. Watson] - HDH
- Astragalus lentiginosus* Douglas ex Hook. var. *chartaceus* M. E. Jones - Dorn01, IMF, KTZ
 [Astragalus *lentiginosus* Douglas ex Hook. var. *platyphyllidius* (Rydb.) Barneby] - UTF
 [Astragalus *lentiginosus* Douglas ex Hook. var. *platyphyllidius* (Rydb.) M. Peck] - NNL, W&W
 [Astragalus *lentiginosus* Douglas ex Hook. var. *aranois* (E. Sheld.) Barneby] - UTF
- Astragalus lentiginosus* Douglas ex Hook. var. *diphysus* (A. Gray) M. E. Jones - IMF, KTZ,
 UTF, W&W
 [Astragalus *lentiginosus* Douglas ex Hook. var. *albiflorus* (A. Gray) Schousber] - NNL, W&W¹
 [Astragalus *lentiginosus* Douglas var. *diphysus* (A. Gray) M. E. Jones] - HDH
- Astragalus lentiginosus* Douglas ex Hook. var. *palans* (M. E. Jones) M. E. Jones - IMF, KTZ,
 UTF, W&W, W
 [Astragalus *lentiginosus* Douglas ex Hook. var. *palans* (A. Gray) M. E. Jones]
 [Astragalus *lentiginosus* Douglas var. *palans* (A. Gray) M. E. Jones] - SFW
 [Astragalus *lentiginosus* Douglas var. *palans* (M. E. Jones) M. E. Jones] - HDH, NNL
- Astragalus leptaleus* A. Gray - Dorn01, HDH, KTZ, NNL, SF1, W&W, E/W
- ♦ *Astragalus linifolius* Osterh. - **ENDEMIC <CO>**, IMF, KTZ, NNL, SFW, W&W, W
 [Astragalus *toxum* M. E. Jones] - HDH
- Astragalus lonchocarpus* Torr. - HDH, IMF, KTZ, SF1, UTF, E/W
 [Astragalus *lonchocarpus* Torr. var. *lonchocarpus*] - NNL, W&W
- Astragalus lotiflorus* Hook. - Dorn01, GPF, HDH, KTZ, NNL, SFE, W&W, E
- Astragalus lutosus* M. E. Jones - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
- Astragalus megacarpus* (Nutt.) A. Gray var. *megacarpus* - UT3
 [Astragalus *megacarpus* (Nutt.) A. Gray] - Dorn01, HDH, exp., IMF, KTZ, NNL, SFW, W&W, W
 [Astragalus *megacarpus* (Nutt.) A. Gray var. *megacarpus*] - UTF
- ♦ *Astragalus megacarpus* (Nutt.) A. Gray var. *meesae* S. Welsh - **ENDEMIC <CO>**, UT3
- ♦ *Astragalus microcymbus* Barneby - **ENDEMIC <CO>**, KTZ, NNL, SFW, W&W, W
- Astragalus miser* Douglas var. *oblongifolius* (Rydb.) Cronquist - Dorn01, KTZ, NNL, SF1,
 W&W, E/W
 [Astragalus *miser* Douglas ex Hook. var. *decumbens* (Nutt.) Cronquist] - Dorn01
 [Astragalus *miser* Douglas var. *decumbens* (Nutt.) Cronq.] - W&W¹, err., rep.
 [Astragalus *miser* Douglas ex Hook. var. *oblongifolius* (Rydb.) Cronquist] - IMF, UTF
 [Astragalus *decumbens* (Nutt. ex Torr. & A. Gray) A. Gray var. *decumbens*] - HDH

- [*Astragalus decumbens* (Nutt. ex Torr. & A. Gray) A. Gray var. *decurrens* (Rydb.) Cronquist] - HDH
 [*Astragalus decumbens* (Nutt. ex Torr. & A. Gray) A. Gray var. *oblongifolius* (Rydb.) Cronquist] - HDH
- Astragalus miser* Douglas var. *praeteritus* Barneby - Dorn01, KTZ
 [*Astragalus miser* Douglas var. *tenuifolius* (Nutt.) Barneby] - NNL
- Astragalus miser* Douglas var. *tenuifolius* (Nutt.) Barneby - Dorn01, KTZ, NNL
- Astragalus missouriensis* Nutt. var. *amphibolus* Barneby - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
- Astragalus missouriensis* Nutt. var. *humistratus* Isely - KTZ, NNL, W&W
- Astragalus missouriensis* Nutt. var. *missouriensis* - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, E/W
- [*Astragalus missouriensis* Nutt.] - GPF, SFE
- Astragalus mollissimus* Torr. var. *mollissimum* - GPF, IMF, KTZ, NNL, SFE, UTF, W&W, E
 [*Astragalus mollissimus* Torr.] - Dorn01, HDH
- Astragalus mollissimus* Torr. var. *thompsoniae* (S. Watson) Barneby - IMF, KTZ, SFW, UTF, W&W, W
- [*Astragalus bigelowii* A. Gray var. *thompsoniae* (S. Watson) M. E. Jones] - HDH
 [*Astragalus thompsoniae* S. Watson] - NNL
- ◆ *Astragalus mollymbaeus* Barneby - **ENDEMIC** <CO>, HDH, corr. & add., KTZ, NNL, SF!, W&W, Lavin97, E/W
 [*Astragalus plumbeus* Barneby] - HDH
- Astragalus monumentalis* Barneby var. *cottamii* (S. L. Welsh) Isely - NNL, IMF, KTZ, W&W, W
- [*Astragalus cottamii* S. L. Welsh] - UTF
 [*Astragalus monumentalis* Barneby] - SFW
- Astragalus musiniensis* M. E. Jones - IMF, KTZ, NNL, SFW, UTF, W&W, W
- Astragalus naturitensis* Payson - IMF, KTZ, NNL, SFW, UTF, W&W, W
- [*Astragalus naturitensis* Payson var. *naturitensis*] - HDH
- Astragalus nelsonianus* Barneby - Dorn01, IMF, KTZ, NNL, SFW, UTF, W&W, W
- [NS - a "regional endemic" of CO and WY, including parts of UT]
- Astragalus newberryi* A. Gray var. *newberryi* - IMF, KTZ, NNL, UTF, W
- [*Astragalus newberryi* A. Gray] - SFW, W&W
- Astragalus nuttallianus* DC. var. *austrius* (Small) Barneby - KWA, M&H, KTZ
 [*Astragalus austrius* (Small) E.D. Schulz] - KTZ
 [*Astragalus nuttallianus* DC. var. *austrius* (Small) Shreve & Wiggins] - NNL
 [Hamosa *austrius* Small] - KWA
- Astragalus nuttallianus* DC. var. *micranthiformis* Barneby - IMF, KTZ, NNL, SF!, UTF, E/W
 [*Astragalus nuttallianus* DC.] - HDH
 [*Astragalus nuttallianus* DC. var. *micranthiformis* Barneby] - W&W
- {*Astragalus nuttallianus* DC. var. *trichocarpus* Torr. & A. Gray} - HDH, KTZ<OK>, NNL, W&W
- Astragalus obovalycis* M. E. Jones - HDH, KTZ, NNL, W
- [*Astragalus obovalycis* M. E. Jones] - SFW, W&W
- Astragalus obovatus* S. Watson var. *caulescens* (M. E. Jones) M. E. Jones - IMF, KTZ, NNL, W, W&W
- [*Astragalus obovatus* S. Watson] - HDH
 [*Astragalus obovatus* M. E. Jones var. *caulescens* (M. E. Jones) M. E. Jones] - SFW, W&W
- Astragalus oregonus* Nutt. - Dorn01, KTZ
- ◆ *Astragalus osterhoutii* M. E. Jones - **ENDEMIC** <CO>, HDH, KTZ, NNL, SFW, W&W, W
- Astragalus parryi* A. Gray - Dorn01, HDH, KTZ, NNL, SF!, W&W, E/W
- Astragalus pattersonii* A. Gray - KTZ, NNL, SFW, W&W, W
- [*Astragalus pattersonii* A. Gray ex Bransdegeer] - IMF, NNL, UTF

- [*Astragalus pattersonii* A. Gray var. *pattersonii*] - HDH
- Astragalus pectinatus* (Hook.) Douglas ex G. Don - Dom01, KTZ, E
 [Astragalus pectinatus Douglas ex G. Don] - GPF, IMF, UTF
 [Astragalus pectinatus (Hook.) G. Don] - NNL
 [Astragalus pectinatus Douglas] - SFE
 [Astragalus pectinatus (Hook.) Douglas] - HDH, W&W
- Astragalus piscator* Barneby & S. L. Welsh - IMF, KTZ, NNL, SFW, UTF, W&W, W
- Astragalus plattensis* Nutt. - Dom01, HDH, KTZ, NNL, SFE, E
 [Astragalus plattensis Nutt. ex Torr. & A. Gray] - GPF, W&W
- Astragalus praelongus* E. Sheld. var. *ellisiæ* (Rydb.) Bameby - GPF, IMF, KTZ, UTF, W&W, W
 [Astragalus praelongus E. Sheld.] - SFW
 [Astragalus praelongus E. Sheld. var. *praelongus*] - NNL
- Astragalus praelongus* E. Sheld. var. *lonchopus* Barneby - IMF <CO>, KTZ, NNL, UTF <AZ, UT>
- Astragalus praelongus* E. Sheld. var. *praelongus* - IMF, KTZ, NNL, UTF, W&W, W
 [Astragalus *pattersonii* A. Gray var. *praelongus* (E. Sheld.) M. E. Jones] - HDH
 [Astragalus *praelongus* E. Sheld.] - SFW
 [Astragalus *recenders* (Greene ex Rydb.) Ced. Porter] - HDH
- ♦ *Astragalus proimanthus* Barneby - **ENDEMIC** <WY>, Dom01, KTZ
 [*Orophaca proimanthus* (Barneby) Isley] - KTZ, NNL
- ♦ *Astragalus proximus* (Rydb.) Wooton & Standl. - **ENDEMIC** <CO, NM>, HDH, KTZ, NNL, SFW, W&W, W
- Astragalus pubentissimus* Torr. & A. Gray - Dom01, IMF, KTZ, SFW, W&W, W
 [Astragalus *pubentissimus* Torr. & A. Gray var. *pubentissimus*] - NNL, UTF
- Astragalus puniceus* Osterh. var. *puniceus* - GPF, KTZ, NNL, E
 [Astragalus *puniceus* Osterh.] - HDH, SFE, W&W
- Astragalus purshii* Douglas ex Hook. var. *purshii* - IMF, KTZ, NNL, UTF, E/W
 [Astragalus *purshii* Douglas] - SF
 [Astragalus *purshii* Douglas ex Hook.] - Dom01, GPF, HDH, W&W
- Astragalus racemosus* Pursh var. *longisetus* M. E. Jones - Dom01, GPF, KTZ, W&W, E
 [Astragalus *racemosus* Pursh] - HDH, NNL, SFE
- Astragalus racemosus* Pursh var. *racemosus* - Dom01, GPF, IMF, KTZ, NNL, UTF, W&W, E
 [Astragalus *racemosus* Pursh] - HDH, SFE
- Astragalus rafaelensis* M. E. Jones - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
- Astragalus ripleyi* Barneby - HDH, KTZ, NNL, SFE, W&W, E
- Astragalus robbinsii* (Oakes) A. Gray var. *minor* (Hook.) Barneby - IMF, KTZ, NNL, SFE, W&W, E/W
 [Astragalus *occidentalis* (S. Watson) M. E. Jones] - HDH
 [Astragalus *robbinsii* A. Gray var. *minor* (Hook.) Barneby] - SFW
 [Astragalus *robbinsii* (Oakes) A. Gray] - UTF
- Astragalus saurinus* Barneby - IMF, KTZ <UT>, NNL, SFW, UTF, W
- ♦ *Astragalus schenelliae* Ced. Porter - **ENDEMIC** <CO>, HDH, KTZ, NNL, SFW, W&W, W
- Astragalus scopulorum* Porter - HDH, IMF, KTZ, NNL, SFI, UTF, W&W, E/W
- Astragalus sericeoleucus* A. Gray var. *aretioides* M. E. Jones - Dom01
 [Astragalus *aretioides* (M. E. Jones) Barneby] - KTZ
- Astragalus sericeoleucus* A. Gray var. *sericeoleucus* - Dom01, HDH
 [Astragalus *sericeoleucus* A. Gray] - GPF, KTZ, E
 [*Orophaca sericea* Nutt.] - SFE
 [*Orophaca sericea* (Nutt.) Britton] - NNL, W&W
- Astragalus sesquiflorus* S. Watson - IMF, KTZ, NNL, SFW, UTF, W&W, W

- Astragalus shortianus* Nutt. - Dom01, KTZ, NNL, SFI, W&W, E/W
 [Astragalus shortianus Nutt. ex Torr. & A. Gray] - GPF, HDH
- ◆ *Astragalus simplicifolius* (Nutt.) A. Gray - **ENDEMIC** <WY>, Dom01, HDH, IMF, KTZ, W&W¹, misid.
 [Astragalus simplicifolius (Nutt.) Rydb.] - NNL, W&W, misid.
 - ◆ *Astragalus sparsiflorus* A. Gray var. *majusculus* A. Gray - **ENDEMIC** <CO>, HDH, KTZ, NNL, E
 [NS - 2 varieties recognized by some, e.g. KTZ]
 [Astragalus sparsiflorus A. Gray] - SFE, W&W
- Astragalus sparsiflorus* A. Gray var. *sparsiflorus* - HDH, KTZ, NNL, E
 [Astragalus sparsiflorus A. Gray] - SFE, W&W
- Astragalus spatulatus* E. Sheld. - Dom01, GPF, HDH, IMF, KTZ, NNL, SFI, UTF, W&W, E/W
- Astragalus tenellus* Pursh - Dom01, GPF, HDH, IMF, KTZ, NNL, SFI, UTF, W&W, E/W
 [Reveal04 recommend that this species now should be called *A. multiflorus* (Pursh) A. Gray]
- Astragalus tephrodes* Gray var. *brachylobus* (Gray) Barneby - NNL, KTZ, M&H, KWA
 [Astragalus amectus var. *pephagnus* (M.E. Jones) M.E. Jones] - KTZ
 [Astragalus cantilobus Tidestrom] - KWA, M&H
 [Astragalus canaliculatus M. E. Jones] - KWA, M&H
 [Astragalus shortianus Nutt. ex T. & G. var. *brachylobus* Gray] - KWA, M&H
 [Xylophacus brachylobus (Gray) Rydberg] - KWA, M&H
- ◆ *Astragalus tortipes* J. L. Anderson & J. M. Porter - **ENDEMIC** <CO>, KTZ, NNL, SFW, W&W¹, W
- Astragalus tridactylicus* A. Gray - KTZ, E
 [Astragalus sericeofuscus A. Gray var. *tridactylicus* (A. Gray) M. E. Jones] - HDH
 [Orophaca tridactyla (A. Gray) Rydb.] - NNL, SFE, W&W
- Astragalus vexilliflexus* Sheld. var. *vexilliflexus* - KTZ, NNL
 [Homalobus vexilliflexus (Sheld.) Rydb.] - Dom01, KTZ
- Astragalus wetherillii* M. E. Jones - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
- Astragalus wingatumanus* S. Watson - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
- Astragalus wittmannii* Barneby - GREE (*Hazlett 11709* [Harding Co., NM])
- Astragalus wootonii* E. Sheld. var. *wootonii* - W&W, E
 [Astragalus allochrous A. Gray var. *playanus* Isely] - KTZ
 [Astragalus allochrous A. Gray var. *playanus* (M. E. Jones) Isely] - NNL, W&W¹
 [Astragalus wootonii E. Sheld.] - SFE

Caesalpinia (see also **Hoffmanseggia**, **Pomaria**)

Cassia (see **Chamaecrista**)

- * *Caragana arborescens* Lam. - Dom01, GPF, IMF, KTZ, SFE, UTF, W&W, E
 [Caragana arborescens (L.) Lam.] - NNL
- * *Caragana aurantiaca* Koehne - KTZ, NNL, SFE, W&W, E

{*Chamaecrista fasciculata* (Michx.) Greene} - NNL, W&W, rep.
 [*Cassia chamaecrista* L.] - GPF <CO>
 [*Cassia fasciculata* Michx.] - HDH, exp.
 [*Chamaecrista fasciculata* (Michx.) Greene var. *fasciculata*] - KTZ <KS, NE, NM, OK>

- * *Colutea arborescens* L. - IMF, KTZ, NNL, SFE, UTF, W&W, E

- * *Coronilla varia* L. - Dom01, GPF, IMF, KTZ, UTF, E/W

[*Securigera varia* (L.) Lassen] - NNL, SFT, W&W

Dalea

(Identification sources: _____)

- Dalea albiflora Gray - NNL, M&H, KTZ, KWA, JM, not rep.
[*Dalea ordiae* Gray] - KTZ
[*Parosela albiflora* (Gray) Vail] - KWA
[*Petalostemon pilosulus* Rydb.] - KTZ
[*Thombera albiflora* (Gray) Rydb.] - M&H
- Dalea aurea Nutt. ex Pursh - Dorn01, GPF, KTZ, NNL, W&W, E
[*Dalea aurea* Nutt.] - HDH, SFE
- Dalea candida Michx. var. oligophylla (Torr.) Shinners - Dorn01, SFT, E/W
[*Dalea candida* Willd. var. *oligophylla* (Torr.) Shinners] - W&W
[*Dalea candida* Michx. ex Willd. var. *oligophylla* (Torr.) Shinners] - GPF, IMF, KTZ
[*Dalea occidentalis* (Britton & Kearney) Isely] - NNL
[*Dalea oligophylla* (Torr.) Shinners] - UTF
[*Petalostemon candidus* Michx. var. *oligophyllus* (Torr.) Hernman] - HDH
- Dalea cylindriceps Barneby - Dorn01, GPF, KTZ, NNL, SFE, W&W, E
[*Petalostemon compactus* (Spreng.) Swartz] - HDH
- Dalea enneandra Nutt. - Dorn01, GPF, HDH, KTZ, NNL, SFE, W&W, E
- Dalea formosa Torr. - GPF, HDH, KTZ, NNL, SFE, W&W, E
- Dalea jamesii (Torr.) Torr. & A. Gray - GPF, HDH, KTZ, NNL, SFE, W&W, E
- Dalea lanata Spreng. var. lanata - IMF, KTZ, NNL, UTF, E
[*Dalea lanata* Spreng.] - GPF, HDH, SFE, W&W
- Dalea lanata Spreng. var. terminalis (M. E. Jones) Barneby - IMF, KTZ, NNL, UTF, E
[*Dalea lanata* Spreng.] - SFE, W&W⁵
- Dalea leporina (Aiton) Bullock - GPF, KTZ, NNL, SFE, W&W, E
[*Dalea leporina* (Aiton) Kearney & Peebles var. *alba* (Michx.) Harrington] - HDH
- Dalea multiflora (Nutt.) Shinners - GPF, KTZ, NNL, SFE, W&W, E
- Dalea nana Torr. var. *carnescens* (Rydb.) Kearney & Peebles - HDH, W&W, *Hazlett 10763*
(COLO)
[*Dalea nana* Torr. ex A. Gray var. *carnescens* (Rydb.) Kearney & Peebles] - KTZ <AZ, NM>, NNL
- Dalea nana Torr. & A. Gray var. *nana* - KTZ, E
[*Dalea nana* Torr.] - SPE
[*Dalea nana* Torr. ex A. Gray] - GPF
[*Dalea nana* Torr. var. *nana*] - HDH, W&W
[*Dalea nana* Torr. ex A. Gray var. *nana*] - NNL
- Dalea polygonoides A. Gray - Kartesz (pers. comm. 2008), Legler (pers. comm. 2009)
[NS - confirmed now for Mora and Colfax cos., NM]
- Dalea purpurea Vent. var. *arenicola* (Wemple) Barneby - GPF <CO>, KTZ, NNL
- Dalea purpurea Vent. var. *purpurea* - GPF, KTZ, NNL, E
[*Dalea purpurea* Vent.] - Dorn01, SFE, W&W
[*Petalostemon purpureum* (Vestenis) Rydb. var. *pobescens* (A. Nelson) Harrington] - HDH
[*Petalostemon purpureum* (Vestenis) Rydb. var. *purpureum*] - HDH
- Dalea tenuifolia (A. Gray) Shinners - GPF, KTZ, NNL, SFE, W&W, E
- Dalea villosa (Nutt.) Spreng. var. *villosa* - KTZ, NNL, E
[*Dalea villosa* Spreng.] - W&W
[*Dalea villosa* (Nutt.) Spreng.] - Dorn01, GPF, SFE
[*Petalostemon villosus* Nutt.] - HDH

Desmanthus cooleyae (Eat.) Trelease - GPF, HDH, KTZ, NNL, SFE, W&W, E
◆ *Desmanthus illinoensis* (Michx.) MacMillan ex B. L. Rob. & Fernald - KTZ, NNL, W&W¹, E

[WJ - seen in roadside ditches, Bent and Otero cos., apparently introduced]
[*Desmanthus illinoensis* (Michx.) MacMillan] - GPF, HDH, SFE, UTF, W&W

Desmodium obtusum (Muhl. ex Willd.) DC. - GPF, KTZ
[*Desmodium obtusum* (Willd.) DC.] - NNL
[*Desmodium rigidum* (Elliot) DC.] - W&W

Galega officinalis L. - IMF, KTZ, NNL, UTF

◆ *Gleditsia triacanthos* L. - Dorn01, GPF, IMF, KTZ, NNL

Glycyrrhiza lepidota Pursh - Dom01, HDH, KTZ, SF!, UTF, W&W
[*Glycyrrhiza lepidota* Nutt. ex Pursh] - E/W
[*Glycyrrhiza lepidota* Nutt. ex Pursh var. *glutinosa* (Nutt.) S. Watson] - RMC, NNL
[*Glycyrrhiza lepidota* Nutt. ex Pursh var. *glutinosa* (Nutt. ex Torr. & A. Gray) S. Watson] - IMF
[*Glycyrrhiza lepidota* Pursh var. *glutinosa* (Nutt.) S. Watson] - GPF
[*Glycyrrhiza lepidota* Nutt. ex Pursh var. *lepidota*] - IMF, RMC
[*Glycyrrhiza lepidota* Pursh var. *lepidota*] - GPF, NNL

Hedysarum alpinum L. var. *philoscia* (A. Nels.) Rollins - NNL
[*Hedysarum alpinum* L. var. *americanum* Michx.] - Dorn01, KTZ
Hedysarum boreale Nutt. var. *boreale* - Dorn01, GPF, IMF, NNL, UTF, E/W
[*Hedysarum boreale* Nutt.] - HDH, SF!, W&W
[*Hedysarum boreale* Nutt. var. *boreale*] - IMF, UTF
[*Hedysarum boreale* Nutt. subsp. *boreale* var. *boreale*] - KTZ
Hedysarum boreale Nutt. var. *cimerascens* (Rydb.) Rollins - NNL
[*Hedysarum boreale* Nutt. subsp. *boreale* var. *boreale*] - KTZ
[*Hedysarum boreale* Nutt.] - GPF, SF!
[*Hedysarum boreale* Nutt. var. *boreale*] - IMF, UTF
Hedysarum boreale Nutt. var. *pabulariae* (A. Nels.) Dorn - Dorn01
Hedysarum occidentale Greene - Dom01, HDH, IMF, NNL, SF!, W&W, E/W
[*Hedysarum occidentale* Greene var. *cassone* S. L. Welsh] - KTZ
[*Hedysarum occidentale* Greene var. *occidentale*] - KTZ, UTF

Hoffmannseggia drepanocarpa A. Gray - GPF, HDH, NNL, SFE, W&W, Simpson99, E
[*Caesalpinia drepanocarpa* (A. Gray) E. Fisher] - IMF, KTZ
Hoffmannseggia glauca (Ortega) Eifert - GPF, KTZ, NNL, SFE, W&W, Simpson99, E
[*Hoffmannseggia densiflora* Bentham] - HDH
Hoffmannseggia repens (Eastw.) Cockerell - NNL, Simpson99
[*Caesalpinia repens* Eastw.] - IMF, KTZ, UTF <CO>

Lathyrus

(Identification sources: _____)

Lathyrus brachycalyx Rydb. var. *zionensis* (C. L. Hitchc.) S. L. Welsh - IMF, NNL, SFW, UTF,
W&W, W
[*Lathyrus brachycalyx* Rydb. subsp. *zionis* (C. L. Hitchc.) S. L. Welsh] - KTZ,

Lathyrus eucosmus Butters & H. St. John - Dorn01, HDH, IMF, KTZ, NNL, SFI, W&W, E/W
Lathyrus laetivirens Greene ex Rydb. - IMF, KTZ, E/W

- [*Lathyrus lanszwertii* Kellogg var. *laetivirens* (Greene) S. L. Welsh] - UTF
- [*Lathyrus lanszwertii* Kellogg var. *laetivirens* (Rydb.) S. L. Welsh] - NNL
- [*Lathyrus lecanthus* Greene] - SFW
- [*Lathyrus lecanthus* Rydb.] - SFE, W&W

Lathyrus lanszwertii Kellogg var. *lanszwertii* - Dorn01, IMF, KTZ, NNL, UTF

Lathyrus lanszwertii Kellogg var. *lecanthus* (Rydb.) Dorn - Dorn01, IMF, KTZ, UTF, E/W

- [*Lathyrus arizonicus* Britton] - HDH
- [*Lathyrus lanszwertii* Kellogg var. *arizonicus* (Britton) S. L. Welsh] - NNL
- [*Lathyrus lecanthus* Greene] - SFW
- [*Lathyrus lecanthus* Rydb.] - HDH, SFE, W&W

* *Lathyrus latifolius* L. - GPF, IMF, KTZ, NNL, SFI, UTF, W&W, E/W

Lathyrus pauciflorus Fernald var. *utahensis* (M. E. Jones) R. Davis - IMF, W

- [*Lathyrus pauciflorus* Fernald] - HDH, SFW, W&W
- [*Lathyrus pauciflorus* Fernald var. *utahensis* (M. E. Jones) Piper ex M. Peck] - KTZ
- [*Lathyrus pauciflorus* Fernald var. *utahensis* (M. E. Jones) Piper ex R. J. Davis] - NNL
- [*Lathyrus pauciflorus* Fernald var. *utahensis* (M. E. Jones) M. Peck] - UTF

Lathyrus polymorphus Nutt. var. *incanum* (J. G. Sm. & Rydb.) Dorn - Dorn01, E

- [*Lathyrus polymorphus* Nutt. subsp. *incanum* (J. G. Sm. & Rydb.) C. L. Hitchc.] - GPF, HDH, KTZ, SFE, W&W

- [*Lathyrus polymorphus* Nutt. var. *incanum* (J. G. Sm. & Rydb.) Isely] - NNL

Lathyrus polymorphus Nutt. var. *polymorphus* - Dorn01, NNL

- [*Lathyrus polymorphus* Nutt. subsp. *polymorphus*] - GPF, HDH, W&W
- [*Lathyrus polymorphus* Nutt. subsp. *polymorphus* var. *polymorphus*] - KTZ

* *Lathyrus sylvestris* L. - KTZ, UTF

- [NS - one naturalized collection at GREE from Boulder CO; naturalized in several other western states (MT, WY, UT, ID, WA, OR)]

* *Lotus corniculatus* L. - Dorn01, GPF, IMF, KTZ, NNL, UTF

{ *Lotus purshianus* (Benth.) Clem. & E. G. Clem.} - HDH, rep.

- [*Lotus purshianus* Clem. & E. G. Clem.] - GPF
- [*Lotus purshianus* (Benth. ex Lindl.) Clem. & E. G. Clem.] - IMF
- [*Lotus purshianus* (Benth. ex Lindl.) Clem. & E. G. Clem. ex Ottley] - NNL
- [*Lotus unifoliolatus* (Hook.) Benth. var. *unifoliolatus*] - KTZ <AZ, KS, NE, OK, WY

* *Lotus tenuis* Walst. & Kit. ex Willd. - GPF, IMF, KTZ, E/W

- [*Lotus corniculatus* L.] - NNL
- [*Lotus glaber* Mill.] - Kirkbride06
- [*Lotus tenuis* Kit.] - UTF
- [*Lotus tenuis* Walst. & Kit.] - SFE, W&W

Lotus wrightii (A. Gray) Greene - HDH, IMF, KTZ, NNL, SFI, UTF, W&W, E/W

Lupinus

(Identification sources: _____)

Lupinus argenteus Pursh var. *argenteus* - Dorn01, GPF, IMF, NNL, UTF, E/W

- [*Lupinus argenteus* Pursh] - HDH, SFW, W&W
- [*Lupinus argenteus* Pursh subsp. *argenteus*] - SFE
- [*Lupinus argenteus* Pursh subsp. *argenteus* var. *argenteus*] - KTZ
- [*Lupinus argenteus* Pursh subsp. *spatulatus* (Rydb.) L. W. Hess & D. B. Dunn] - KTZ

Lupinus argenteus Pursh var. *angustifolius* (A. Gray) S. Watson - Dorn01, IMF, E/W

- [*Lupinus aduncus* Greene] - HDH

- [Lupinus caudatus Kellogg] - SF1, W&W
 [Lupinus caudatus Kellogg subsp. argophyllus (A. Gray) L. L. Phillips] - KTZ, SFW
 [Lupinus caudatus Kellogg var. argophyllus (A. Gray) S. L. Welsh] - NNL, UTF
 Lupinus argenteus Pursh var. fulvomaculatus (Payson) Barneby - IMF, NNL, UTF, E
 [Lupinus argenteus Persh] - W&W
 [Lupinus argenteus Pursh subsp. ingratus (Greene) Harmon] - KTZ, SFE
 {Lupinus argenteus Pursh var. heteranthus (S. Watson) Barneby} - IMF, E
 [Lupinus caudatus Kellogg] - GPF, SFE, W&W
 [Lupinus caudatus Kellogg subsp. caudatus] - KTZ
 [Lupinus caudatus Kellogg var. caudatus] - NNL
 [Lupinus caudatus Kellogg var. catieri (Eastw.) S. L. Welsh] - UTF
 [Lupinus greenei A. Nelson] - HDH
 Lupinus argenteus Pursh var. holosericeus (Nutt. ex Torr. & A. Gray) Barneby - IMF
 [Lupinus argenteus Pursh var. holosericeus (Nutt.) Barneby] - NNL
 [Lupinus holosericeus Nutt.] - KTZ
 Lupinus argenteus Pursh var. laxiflorus (Douglas ex Lindl.) Dom - Dom01
 [Lupinus argenteus Pursh subsp. argenteus var. laxiflorus (Douglas ex Lindl.) Dom] - KTZ
 Lupinus argenteus Pursh var. moabensis S. L. Welsh - IMF, UTF
 [Lupinus argenteus Persh] - W&W
 [Lupinus argenteus Pursh subsp. moabensis D. B. Dunn & Harmon] - KTZ
 [Lupinus argenteus Pursh var. moabensis Harmon & D. B. Dunn ex S. L. Welsh] - NNL
 Lupinus argenteus Pursh var. parviflorus (Nutt. ex Hook. & Arn.) C. L. Hitchc. - IMF, E/W
 [Lupinus argenteus Persh] - W&W
 [Lupinus argenteus Persh var. myrianthus (Greene) Isely] - NNL
 [Lupinus argenteus Persh var. parviflorus (Hook. & Arn.) C. L. Hitchc.] - NNL
 [Lupinus argenteus Persh var. parviflorus (Nutt.) C. L. Hitchc.] - GPF, UTF
 [Lupinus parviflorus Nutt.] - SWF
 [Lupinus parviflorus Nutt. ex Hook. & Arn.] - HDH
 [Lupinus parviflorus Nutt. ex Hook. & Arn. subsp. floribundus (Greene) Harmon] - KTZ
 [Lupinus parviflorus Nutt. subsp. myrianthus (Greene) Harmon var. myrianthus] - KTZ
 [Lupinus parviflorus Nutt. var. myrianthus (Greene) Harmon] - SFE
 [Lupinus parviflorus Nutt. ex Hook. & Arn. subsp. myrianthus (Greene) Harmon var. myrianthus] - KTZ
 [Lupinus parviflorus Nutt. subsp. parviflora] - W&W¹
 [Lupinus parviflorus Nutt. ex Hook. & Arn. subsp. parviflorus] - KTZ
 Lupinus argenteus Pursh var. rubricaulis (Greene) S. L. Welsh - Dom01, IMF, NNL, UTF
 [Lupinus X alpestris A. Nelson] - KTZ
 [Lupinus argenteus X L. caudatus] - KTZ
 [Lupinus argenteus Pursh] - HDH, W&W
 [Lupinus argenteus Pursh subsp. rubricaulis (Greene) L. W. Hess & D. B. Dunn] - KTZ
 [Lupinus depressus Rydb.] - KTZ
 Lupinus argenteus Pursh var. utahensis (S. Watson) Barneby - IMF <CO>
 [Lupinus caudatus Kellogg] - W&W¹
 [Lupinus caudatus Kellogg subsp. caudatus] - KTZ
 [Lupinus caudatus Kellogg var. utahensis (S. Watson) S. L. Welsh] - NNL, UTF
 {Lupinus barbiger S. Watson} - HDH, KTZ <AZ, UT>, W&W, misapp.
 [Lupinus sericeus Persh] - IMP
 [Lupinus sericeus Persh var. barbiger (S. Watson) S. L. Welsh] - NNL, UTF
 Lupinus brevicaulis S. Watson - HDH, IMF, KTZ, NNL, SFW, UTF, W&W, W
 Lupinus kingii S. Watson - HDH, IMF, NNL, SF1, W&W, E/W
 [Lupinus kingii S. Watson var. kingii] - KTZ, UTF
 [Lupinus kingii S. Watson var. argillicola (Wooton & Standl.) C. P. Smith] - HDH rep., KTZ
 Lupinus lepidus Douglas ex Lindl. var. utahensis (S. Watson) C. L. Hitchc. - Dom01, NNL, E/W
 [Lupinus caespitosus Nutt.] - HDH, W&W
 [Lupinus caespitosus Nutt. var. utahensis (S. Watson) Cos] - KTZ

- [Lupinus lepidus Douglas subsp. caespitosus (Nutt.) Detling] - SF!, W&W[†]
 [Lupinus lepidus Douglas var. utahensis (S. Watson) C. L. Hitchc.] - IMF, UTF
Lupinus neomexicanus Greene - NNL, KWA, M&H, KTZ, JM, not rep.
 [Lupinus humeri Greene] - KTZ
Lupinus plattensis S. Watson - Dom01, GPF, HDH, IMF, KTZ, NNL, SFE, W&W, E
Lupinus polyphyllus Lindl. var. *ammophilus* (Greene) Barneby - IMF, UTF, W
 [Lupinus *ammophilus* Greene] - HDH, KTZ, SFW, W&W
 [Lupinus *ammophilus* Greene var. *ammophilus*] - NNL
 [Lupinus *ammophilus* Greene var. *crassus* (Payson) Isely] - NNL
 [Lupinus *crassus* Payson] - KTZ, SFW, W&W
 [Lupinus *laevis* D. B. Dunn, unpubl.] - W&W, possibly a variety of this taxon
Lupinus polyphyllus Lindl. var. *humicola* (A. Nelson) Barneby - Dom01, IMF, NNL, UTF, W
 [Lupinus *humicola* A. Nelson] - HDH
 [Lupinus *polyphyllus* Lindl.] - W&W[†]
 [Lupinus *wyethii* S. Watson] - SFW, W&W, out of range
 [Lupinus *wyethii* S. Watson subsp. *wyethii*] - KTZ
Lupinus polyphyllus Lindl. var. *prunophilus* (M. E. Jones) L. Li Phillips - Dom01, IMF, NNL,
 UTF, E/W
 [Lupinus *bakeri* Greene subsp. *amplus* (Greene) Fleak & D. B. Dunn] - KTZ, SFW, W&W
 [Lupinus *polyphyllus* Lindl.] - W&W[†]
 [Lupinus *prunophilus* M. E. Jones] - KTZ, SFI, W&W
Lupinus pusillus Pursh var. *intermontanus* (A. Heller) C. P. Sm. - Dom01, IMF, NNL, UTF,
 E/W
 [Lupinus *pusillus* Pursh] - HDH, SF!
 [Lupinus *pusillus* Pursh subsp. *intermontanus* (A. Heller) D. B. Dunn] - KTZ
Lupinus pusillus Pursh var. *pusillus* - Dom01, IMF, NNL, UTF, E/W
 [Lupinus *pusillus* Pursh] - GPF, HDH, SF!
 [Lupinus *pusillus* Pursh subsp. *pusillus*] - KTZ, W&W
 [Lupinus *pusillus* Pursh subsp. *rubens* (Rydb.) D. B. Dunn] - KTZ, W&W[†]
 [Lupinus *pusillus* Pursh var. *rubens* (Rydb.) S. L. Welsh] - UTF
Lupinus sericeus Pursh var. *sericeus* - NNL, UTF, E/W
 [Lupinus *bakeri* Greene subsp. *bakeri*] - KTZ, SFW, W&W
 [Lupinus *sericeus* Pursh] - Dom01, GPF, IMF, SFE, W&W[†]
 [Lupinus *sericeus* Pursh subsp. *sericeus* var. *sericeus*] - KTZ
 [Lupinus *sericeus* Pursh subsp. *sericeus* var. *egglesonianus* C. P. Sm.] - KTZ
 [Lupinus *sericeus* Pursh subsp. *sericeus* var. *flexuous* (Lindl. ex J. Agardh) C. P. Sm.] - KTZ
 [Lupinus *sericeus* Pursh var. *sericeus*] - SFW, UTF
 [Lupinus *sericeus* Pursh var. *egglesonianus* C. P. Sm.] - SFW, W&W
 [Lupinus *sericeus* Pursh var. *flexuous* (Lindl.) C. P. Sm.] - SFW, W&W

Medicago falcata L. - NNL
 [Medicago sativa L. subsp. *falcata* (L.) Arcang.] - KTZ
 [Medicago sativa L. var. *falcata* (L.) Doell] - Dom01
*** Medicago lupulina** L. - Dom01, GPF, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
*** Medicago polymorpha** L. - Dom01
*** Medicago sativa** L. - Dom01, HDH, IMF, NNL, SF!, UTF, W&W, E/W
 [Medicago sativa L. subsp. *sativa*] - GPF, KTZ

*** Melilotus albus** Medik. - Dom01, NNL, SF!, W&W, E/W
 [Melilotus alba Desr.] - HDH
 [Melilotus alba Desr. ex Lam.] - UTF
 [Melilotus alba Medik.] - GPF, IMF
 [Melilotus officinalis (L.) Lam.] - KTZ

* *Melilotus officinalis* (L.) Pall. - Dorn01, GPF, IMF, NNL, UTF, W&W, E/W
[*Melilotus officinalis* (L.) Lam.] - HDH, KTZ
[*Melilotus officinalis* (L.) Pall.] - SF

Mimosa aculeaticarpa Ortega var. *biuncifera* (Bentham) Barneby - KWA, NNL, KTZ

[*Mimosa biuncifera* Benth.] - KWA, KTZ
[*Mimosa biuncifera* var. *glabrescens* Gray] - KWA, KTZ
[*Mimosa biuncifera* var. *lindheimeri* (Gray) B.L. Robins.] - KWA, KTZ
[*Mimosa flexuosa* Bentham] - KWA
[*Mimosa lindheimeri* Gray] - KWA, KTZ
[*Mimosa wameockii* B.L. Turner] - KWA, KTZ
[*Mimosepsis biuncifera* (Benth.) Britt. & Rose] - KWA, KTZ
[*Mimosepsis biuncifera* (Benth.) var. *flexuosa* (Bentham) Robinson] - KWA
[*Mimosepsis flexuosa* (Benth.) Britt. & Rose] - KWA

Mimosa borealis A. Gray - GPF, HDH, KTZ, NNL, SFE, W&W, E

Mimosa quadrivalvis L. var. *angustata* (Torr. & A. Gray) Barneby - E
[*Mimosa nuttallii* (DC.) B. L. Turner] - KTZ
[*Mimosa quadrivalvis* L. var. *nuttallii* (DC.) L. S. Beard ex Barneby] - NNL
[*Schrankia nuttallii* (DC.) Standl.] - GPF, HDH
[*Schrankia uncinata* Willd.] - SFE, W&W

Mimosa rupertiana B. L. Turner - KTZ, E

[*Mimosa quadrivalvis* L. var. *occidentalis* (Wooton & Standl.) Barneby] - NNL
[*Schrankia occidentalis* (Wooton & Standl.) Standl.] - GPF, HDH, SFE, W&W

* *Onobrychis viciifolia* Scop. - Dorn01, GPF, HDH, IMF, KTZ, NNL, UTF, W&W

Orophaca (see *Astragalus*)

Oxytropis

(Identification sources: _____)

Oxytropis besseyi (Rydb.) Blank. var. *besseyi* - Dorn01, NNL

[*Aragalus besseyi* Rydb.] - KTZ
[*Astragalus besseyi* Rydb.] - KTZ
[*Oxytropis nana* var. *besseyi* (Rydb.) Isley] - KTZ

Oxytropis besseyi (Rydb.) Blank. var. *fallax* Barneby - Dorn01, NNL
[*Oxytropis nana* var. *fallax* (Barneby) Isley] - KTZ

Oxytropis besseyi (Rydb.) Blank. var. *obnapiformis* (Ced. Porter) S. L. Welsh - Dorn01, KTZ,
NNL, SFW, UTF, W&W, W

[*Oxytropis obnapiformis* Ced. Porter] - HDH

Oxytropis besseyi (Rydb.) Blank. var. *ventosa* (Greene) Barneby - Dorn01, NNL
[*Aragalus ventosus* Greene] - KTZ

[*Oxytropis nana* var. *ventosa* (Greene) Isley] - KTZ
[*Oxytropis nana* var. *ventosus* (Greene) Isley] - KTZ

Oxytropis campestris (L.) DC. var. *cusickii* (Greenm.) Barneby - Dorn01, IMF <CO>, KTZ,
NNL, SFE, UTF, W&W, E

[*Oxytropis cusickii* Greenm.] - W&W¹, err. rep.

{*Oxytropis campestris* (L.) DC. var. *glabrata* Hook.] - NNL, HDH, W&W, err. rep.
[*Oxytropis maydelliana* Traub.] - KTZ, W&W¹, err. rep.

Oxytropis campestris (L.) DC. var. *gracilis* (A. Nelson) Barneby - GPF, NNL, SF!, W&W, E/W
[*Oxytropis monticola* A. Gray] - KTZ, W&W¹

- Oxytropis deflexa* (Pall.) DC. var. *deflexa* - HDH, IMF, NNL, SF!, UTF, E/W
 [Oxytropis deflexa (Pall.) DC. subsp. *deflexa*] - W&W
- Oxytropis deflexa* (Pall.) DC. var. *foliolosa* (Hook.) Barneby - Dorn01, IMF, E/W
 [Oxytropis deflexa (Pall.) DC. subsp. *deflexa*] - W&W
 [Oxytropis deflexa (Pall.) DC. var. *deflexa*] - NNL, SF!
- Oxytropis deflexa* (Pall.) DC. var. *sericea* Torr. & A. Gray - Dorn01, GPF, HDH, KTZ, NNL, SF!, W&W, E/W
- Oxytropis lagopus* Nutt. var. *atropurpurea* (Rydb.) Barneby - Dorn01, KTZ
- Oxytropis lagopus* Nutt. var. *lagopus* - Dorn01, KTZ
 [Oxytropis lagopus Nutt.] - HDH, esp., NNL
- Oxytropis lambertii* Pursh var. *bigelovii* A. Gray - IMF, KTZ, NNL, UTF, E/W
 [Oxytropis lambertii Pursh] - HDH, SF!
- [Oxytropis lambertii Pursh subsp. *bigelovii* (A. Gray) W. A. Weber] - W&W
- Oxytropis lambertii* Pursh var. *lambertii* - GPF, IMF, KTZ, NNL, UTF, E/W
 [Oxytropis lambertii Pursh] - Dorn01, HDH, SF!
 [Oxytropis lambertii Pursh subsp. *lambertii*] - W&W
- Oxytropis multiceps* Nutt. - Dorn01, HDH, KTZ, NNL, SFE, W&W, E
 [Oxytropis multiceps Torr. & A. Gray] - GPF, IMF, UTF
- ♦ *Oxytropis nana* Nutt. - **ENDEMIC** <WY>, Dorn01, KTZ
 [Oxytropis nana Nutt. in Torr. & A. Gray] - NNL
- Oxytropis parryi* A. Gray - Dorn01, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
- Oxytropis podocarpa* A. Gray - Dorn01, HDH, KTZ, NNL, SF!, W&W, E/W
- Oxytropis riparia* Litv. - Dorn01, KTZ, NNL
- Oxytropis sericea* Nutt. var. *sericea* - Dorn01, GPF, IMF, KTZ, NNL, UTF, E/W
 [Oxytropis sericea Nutt.] - HDH, SF!, W&W
- Oxytropis sericea* Nutt. var. *speciosa* (Torr. & A. Gray) S. L. Welsh - Dorn01
- Oxytropis sericea* Nutt. var. *spicata* (Hook.) Barneby - NNL
 [Oxytropis campestris (L.) DC. var. *spicata* Hook.] - Dorn01
- Oxytropis splendens* Douglas ex Hook. - Dorn01, GPF, KTZ, NNL, W&W, E/W
 [Oxytropis splendens Douglas] - HDH, SF!
- Oxytropis viscosa* Nutt. var. *viscosa* - E/W
 [Oxytropis borealis DC. var. *viscosa* (Nutt.) S. L. Welsh] - Dorn01, KTZ, NNL, UTF, W&W!
 [Oxytropis viscosa Nutt.] - IMF, SF!
 [Oxytropis viscosa Nutt. ex Torr. & A. Gray] - HDH, W&W
- Parryella filifolia* Torr. & A. Gray ex A. Gray - IMF, KTZ, NNL, UTF, W
 [Parryella filifolia Torr. & A. Gray] - HDH, SFW, W&W

Pediomelum

(Identification sources: _____)

- Pediomelum argophyllum* (Pursh) J. W. Grimes - Dorn01, KTZ, NNL, W&W¹, E
 [Psonia argophylla Pursh] - GPF, HDH
 [Psonia argophylla (Pursh) Rydb.] - SFE, W&W
- Pediomelum aromaticum* (Payson) W. A. Weber - IMF, KTZ, SFW, W&W, W
 [Pediomelum aromaticum (Payson) W. A. Weber var. *aromaticum*] - NNL, UTF
 [Psonia aromaticae Payson] - HDH
- Pediomelum cuspidatum* (Pursh) Rydb. - KTZ, NNL, SFE, W&W, E
 [Psonia cuspidata Pursh] - GPF, HDH
- Pediomelum digitatum* (Nutt. ex Torr. & A. Gray) Isely - Dorn01, KTZ, E

- [*Pediomelum digitatum* (Nutt.) Isely] - NNL, W&W
 [*Psoralea digitata* Nutt.] - GPF, HDH
 [*Psoralidium digitatum* (Nutt.) Rydb.] - SFE, W&W
- Pediomelum esculentum* (Pursh) Rydb. - Dorn01, KTZ, NNL, SFE, W&W, E
 [*Psoralea esculenta* Persh] - GPF, HDH
- Pediomelum hypogaeum* (Nutt. ex Torr. & A. Gray) Rydb. var. *hypogaeum* - Dorn01, KTZ, E
 [*Pediomelum hypogaeum* (Nutt.) Rydb.] - SFE
 [*Pediomelum hypogaeum* (Nutt. ex Torr. & A. Gray) Rydb.] - W&W
 [*Pediomelum hypogaeum* (Nutt.) Rydb. var. *hypogaeum*] - NNL
 [*Psoralea hypogaea* Nutt.] - GPF, HDH
 [*Psoralea hypogaea* Nutt. var. *hypogaea*] - GPF
- Pediomelum linearifolium* (Torr. & A. Gray) J. W. Grimes - Dorn01, KTZ, NNL, E
 [*Psoralea linearifolia* Torr. & A. Gray] - GPF, HDH
 [*Psoralidium linearifolium* (Torr. & A. Gray) Rydb.] - SFE, W&W
- Pediomelum megalanthum* (Wooton & Standl.) Rydb. var. *megalanthum* - IMF, KTZ, NNL, W
 [*Pediomelum megalanthum* (Wooton & Standl.) Rydb.] - SFW, UTF, W&W
 [*Psoralea megalantha* Wooton & Standl.] - HDH
- Petalostemon** (see **Dalea**)
- Peteria scoparia* A. Gray - FCF
- * *Phaseolus vulgaris* L. - NNL
 [*Phaseolus vulgaris* L. var. *humilis* Alef.] - Dorn01, KTZ
- Pomaria jamesii* (Torr. & A. Gray) Walp. - Simpson98, E
 [*Caesalpinia jamesii* (Torr. & A. Gray) E. Fisher] - GPF, KTZ, NNL, SFE, W&W
 [*Hoffmannseggia jamesii* Torr. & A. Gray] - HDH
- Prosopis glandulosa* Torr. var. *glandulosa* - IMF, KTZ, NNL, UTF, E
 [*Prosopis glandulosa* Torr.] - GPF, SFE, W&W
- Psoralea** (see **Pediomelum**, **Psoralidium**)
- Psoralidium** (see also **Pediomelum**)
- Psoralidium lanceolatum* (Pursh) Rydb. - Dorn01, IMF, KTZ, NNL, SF!, W&W, E/W
 [*Psoralea lanceolata* Pursh] - GPF, HDH
 [*Psoralidium lanceolatum* (Pursh) Rydb. var. *lanceolatum*] - UTF
- Psoralidium tenuiflorum* (Pursh) Rydb. - Dorn01, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
 [*Psoralea tenuiflora* Pursh var. *bigelovii* (Rydb.) J. F. Macbr.] - HDH
 [*Psoralea tenuiflora* Pursh var. *tenuiflora*] - GPF, HDH
- Psorotheamnus scoparius* Rydb. - (Vincen 9956+, GREE)
 [*Dalea scoparius* A. Gray]
- Psorotheamnus thompsoniae* (Vail) S. L. Welsh & Atwood var. *whitingii* (Kearney & Peebles)
 Barnaby - IMF, KTZ
 [*Psorotheamnus thompsoniae* (Vail) S. L. Welsh & Atwood var. *whitingii* (Kearney & Peebles) Barnaby] - NNL, UTF
- * *Robinia hispida* L. var. *hispida* - KTZ, NNL
 [*Robinia hispida* L.] - GPF, UTF

- Robinia* X *holdtii* Beissn. - KTZ, NNL
 [Robinia neomexicana X R. pseudocacia] - KTZ
- * *Robinia neomexicana* A. Gray var. *neomexicana* - IMF, KTZ, NNL, E/W
 [Robinia neomexicana A. Gray] - Dorn01, HDH, SF!, UTF, W&W
- * *Robinia pseudocacia* L. - Dorn01, GPF, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
 [Robinia pseudo-acacia L.] - W&W¹

Schrankia (see *Mimosa*)

Securigera (see *Coronilla*)

- Senna roemeriana* (Scheele) Irwin - KWA, KTZ
 [Cassia roemeriana Scheele] - KTZ, M&H
 [Earkocassia roemeriana (Scheele) Britt.] - M&H
 [Senna roemeriana (Scheele) Irwin & Barneby] - NNL

- Sophora nuttalliana* B. L. Turner - Dorn01, GPF, IMF, KTZ, NNL, UTF, E/W
 [Sophora sericea Nutt.] - HDH
 [Vesibia nuttalliana (B. L. Turner) W. A. Weber] - SF!, W&W
- * *Sphaerophysa salsula* (Pall.) DC. - Dorn01, GPF, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
 [Swainsona salsula (Pall.) Taubert] - HDH

Strophostyles leiosperma (Torr. & A. Gray) Piper - GPF, HDH, KTZ, NNL, SFE, W&W, E

Swainsona (see *Sphaerophysa*)

- Thermopsis montana* Nutt. var. *divaricarpa* (A. Nelson) Dorn - E/W
 [Thermopsis divaricarpa A. Nelson] - Dorn01, HDH, KTZ, SF!, W&W
 [Thermopsis rhombifolia (Nutt. ex Pursh) Richards.] - W&W¹
 [Thermopsis rhombifolia Nutt. ex Richardson var. *divaricarpa* (A. Nelson) Isely] - GPF
 [Thermopsis rhombifolia (Pursh) Richardson var. *divaricarpa* (A. Nelson) Isely] - NNL
- Thermopsis montana* Nutt. var. *montana* - KTZ, E/W
 [Thermopsis montana Nutt.] - Dorn01, SF!, UTF
 [Thermopsis montana Nutt. ex Torr. & A. Gray] - HDH, W&W
 [Thermopsis rhombifolia (Nutt. ex Pursh) Richardson var. *montana* (Nutt. ex Torr. & A. Gray) Isely] - IMF
 [Thermopsis rhombifolia (Pursh) Richardson var. *montana* (Nutt.) Isely] - IMF, NNL
- Thermopsis rhombifolia* (Nutt. ex Pursh) Nutt. ex Richardson var. *annulocarpa* (A. Nelson) L. O. Williams - Dorn01
 [Thermopsis rhombifolia (Nutt. ex Pursh) Richardson] - W&W
 [Thermopsis rhombifolia (Nutt. ex Pursh) Nutt. ex Richardson] - KTZ
- Thermopsis rhombifolia* (Nutt. ex Pursh) Nutt. ex Richardson var. *ovata* (B. L. Rob. ex Piper)
 Isely
 [Thermopsis gracilis T. J. Howell var. *ovata* (B. L. Rob. ex Piper) Mendenhall] - KTZ
 [Thermopsis rhombifolia (Pursh) Richardson var. *ovata* (Piper) Isely] - NNL
 [Thermopsis rhombifolia (Nutt. ex Pursh) Richardson var. *ovata* (B. L. Rob. ex Piper) Isely] - IMF <CO>
- Thermopsis rhombifolia* (Nutt. ex Pursh) Nutt. ex Richardson var. *rhombifolia* - Dorn01, E/W
 [Thermopsis aenosa A. Nelson] - HDH
 [Thermopsis rhombifolia (Nutt.) Richardson] - SF!
 [Thermopsis rhombifolia (Nutt. ex Pursh) Richardson] - W&W
 [Thermopsis rhombifolia Nutt. ex Richardson] - HDH, UTF
 [Thermopsis rhombifolia (Nutt. ex Pursh) Nutt. ex Richardson] - KTZ

- [*Thermopsis rhombifolia* Nutt. ex Richardson var. *rhombifolia*] - GPF
- [*Thermopsis rhombifolia* (Nutt. ex Pursh) Richardson var. *rhombifolia*] - IMF
- [*Thermopsis rhombifolia* (Pursh) Richardson var. *rhombifolia*] - EMF, NNL

Trifolium

(Identification sources: _____)

- Trifolium andinum* Nutt. var. *andinum* - IMF, KTZ, NNL, W
[*Trifolium andinum* Nutt.] - Dorn01, SFW, UTF, W&W
- Trifolium attenuatum* Greene - KTZ, NNL, SFI, W&W, E/W
[*Trifolium dasypodium* Torr. & A. Gray] - HDH
- * *Trifolium brandegeei* S. Watson - **ENDEMIC** <CO, NM>, HDH, KTZ, NNL, SFI, W&W, E/W
- * *Trifolium campestre* Schreber - Dorn01, KWA, KTZ, NNL
[*Trifolium procumbens* L. 1753, non 1755] - KTZ
- Trifolium dasypodium* Torr. & A. Gray var. *dasypodium* - NNL
[*Trifolium dasypodium* Torr. & A. Gray] - Dorn01, HDH, IMF, SFI, W&W, E/W
[*Trifolium dasypodium* Torr. & A. Gray subsp. *dasypodium*] - KTZ
- Trifolium dasypodium* Torr. & A. Gray var. *anemophilum* (Greene) J. S. Martin ex Isley - Smith09?
[*Trifolium anemophilum* Greene] - KTZ
[*Trifolium dasypodium* var. *anemophilum* (Greene) J.S. Martin ex Isley] - KTZ
[*Trifolium scariosum* A. Nels.] - KTZ
- * *Trifolium fragiferum* L. - Dorn01, HDH, IMF, KTZ, NNL, SFI, UTF, W&W, E/W
[*Trifolium fragiferum* L. subsp. *fragiferum*] - GPF
- Trifolium gymnocarpum* Nutt. var. *gymnocarpum* - Dorn01, HDH, NNL, E/W
[*Trifolium gymnocarpum* Nutt.] - SFI, UTF, W&W
[*Trifolium gymnocarpum* Nutt. ex Torr. & A. Gray] - IMF
[*Trifolium gymnocarpum* Nutt. subsp. *gymnocarpum*] - KTZ
[*Trifolium gymnocarpum* Nutt. var. *subaculeans* (A. Gray) A. Nelson] - HDH
- * *Trifolium gymnocarpum* Nutt. var. *plummetae* (S. Watson) J. S. Martin - NNL, E/W
[*Trifolium gymnocarpum* Nutt.] - SFI, UTF, W&W
[*Trifolium gymnocarpum* Nutt. ex Torr. & A. Gray] - IMF
[*Trifolium gymnocarpum* Nutt. subsp. *plummetae* (S. Watson) J. M. Gillett] - KTZ
- * *Trifolium hybridum* L. - Dorn01, HDH, IMF, KTZ, NNL, SFI, UTF, W&W, E/W
[*Trifolium hybridum* L. subsp. *elegans* (Sav.) Asch. & Graebn.] - GPF
- Trifolium kingii* S. Watson var. *kingii* - W, IMF, UTF
[*Trifolium kingii* S. Watson] - NNL, SFW, W&W
[*Trifolium kingii* S. Watson subsp. *kingii*] - KTZ
{*Trifolium kingii* S. Watson var. *macilentum* (Greene) Isley} - W
[*Trifolium kingii* S. Watson] - SFW, W&W
[*Trifolium kingii* S. Watson subsp. *macilentum* (Greene) J. M. Gillett] - KTZ <AZ, UT>
[*Trifolium macilentum* Greene] - HDH, IMF
[*Trifolium macilentum* Greene var. *macilentum*] - NNL, UTF
- Trifolium longipes* Nutt. var. *neurophyllum* (Greene) J. S. Martin ex Isley - KWA, NNL
[*Trifolium neurophyllum* Greene] - KTZ
[*Trifolium nusbyi* subsp. *neurophyllum* (Greene) Heller & Zoh.] - KWA, KTZ
- Trifolium longipes* Nutt. var. *reflexum* A. Nelson - Dorn01, IMF, NNL, UTF, E/W
[*Trifolium longipes* Nutt.] - SFI
[*Trifolium longipes* Nutt. subsp. *reflexum* (A. Nelson) J. M. Gillett] - KTZ
[*Trifolium nusbyi* Greene subsp. *reflexum* (A. Nelson) A. Heller & Zohary] - W&W

- Trifolium longipes* Nutt. var. *rushyi* (Greene) Harrington - HDH, IMF, NNL, UTF, E/W
 [Trifolium longipes Nutt.] - SF!
 [Trifolium longipes Nutt. var. *longipes*] - HDH <as, NA,>, NNL
 [Trifolium longipes Nutt. subsp. *pygmaeum* (A. Gray) J. M. Gillett] - KTZ
 [Trifolium *rushyi* Greene subsp. *rushyi*] - W&W
- Trifolium nanum* Torr. - Dorn01, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
- Trifolium parryi* A. Gray var. *parryi* - Dorn01, NNL, E/W
 [Trifolium parryi A. Gray] - HDH, IMF, SF!, W&W
 [Trifolium parryi A. Gray subsp. *parryi*] - KTZ
 [Trifolium parryi A. Gray subsp. *salicorum* (Greene ex Rydb.) J. M. Gillett] - KTZ
 [Trifolium *salicorum* Greene] - SF!
 [Trifolium *salicorum* Greene ex Rydb., nom. nudum] - W&W
- * *Trifolium pratense* L. var. *pratense* - Dorn01, IMF, E/W
 [Trifolium pratense L.] - GPF, HDH, KTZ, SF!, UTF, W&W
- * *Trifolium repens* L. - Dorn01, GPF, HDH, IMF, KTZ, NNL, SF!, UTF, W&W, E/W
- Trifolium wormskjoldii* Lehm. var. *arizonicum* (Greene) Barneby - IMF, NNL, UTF <AZ, UT>
 [Trifolium *fendleri* Greene] - HDH
 [Trifolium *nucratum* Willd. subsp. *lacerum* (Greene) J. M. Gillett] - W&W¹, misapp.
 [Trifolium *nucratum* Willd. ex Spreng. subsp. *lacerum* (Greene) J. M. Gillett] - KTZ
 [Trifolium *wormskjoldii* Lehm.] - W&W
- Trifolium wormskjoldii* Lehm. var. *wormskjoldii* - IMF, NNL, UTF, E/W
 [Trifolium *fendleri* Greene] - HDH
 [Trifolium *wormskjoldii* Lehm.] - Dorn01, KTZ, SF!, W&W

Vexibia (see *Sophora*)

Vicia

(Identification sources: _____)

- Vicia americana* Muhl. ex Willd. var. *americana* - Dorn01, GPF, IMF, NNL, UTF, W&W, E/W
 [Vicia americana Muhl. ex Willd.] - HDH
 [Vicia americana Muhl. subsp. *americana*] - SFE
 [Vicia americana Muhl. ex Willd. subsp. *americana*] - KTZ
 [Vicia americana Muhl.] - SFW
- Vicia americana* Muhl. ex Willd. var. *minor* Hook. - Dorn01, GPF, IMF, NNL, UTF, W&W, E
 [Vicia americana Muhl. subsp. *minor* (Hook.) A. Löve & D. Löve] - SFE
 [Vicia americana Muhl. ex Willd. subsp. *minor* (Hook.) C. R. Gunn] - KTZ
 [Vicia *linearis* (Nutt.) Greene] - W&W¹
 [Vicia americana Muhl.] - SFW
- * {*Vicia cracca* L.} - HDH, exp., NNL
 {*Vicia cracca* L. subsp. *cracca*} - KTZ <UT, WY>
- Vicia ludoviciana* Nutt. var. *ludoviciana* - E/W
 [Vicia *exigua* Torr. & A. Gray] - GPF
 [Vicia *ludoviciana* Nutt.] - IMF, UTF
 [Vicia *ludoviciana* Nutt. subsp. *ludoviciana*] - KTZ, NNL
 [Vicia *ludoviciana* Nutt. var. *texana* (Torr. & A. Gray) Shinners] - SF!, W&W
 [Vicia *producta* Rydb.] - HDH
- * *Vicia sativa* L. var. *nigra* L. - E
 [Vicia *angustifolia* L.] - W&W
 [Vicia *angustifolia* (L.) Reichard] - SFE
 [Vicia *sativa* L. var. *angustifolia* L.] - GPF, IMF
 [Vicia *sativa* L. subsp. *nigra* (L.) Ehrh.] - KTZ, NNL

* *Vicia villosa* Roth - Dorn01, HDH, SF!, W&W, E/W
[*Vicia villosa* Roth subsp. *villosa*] - KTZ
[*Vicia villosa* Roth var. *villosa*] - GPF, IMP, NNL, UTP

Fagaceae - FAG

Quercus

(Identification sources: _____)

{*Quercus ajoensis* C. H. Muller} - FNA <AZ>, KTZ, W&W, W
[WJ - based on misld. of *Q. turbinella*]

[*Quercus ajoensis* C. H. Muller] - SFW

{*Quercus carmenensis* C. H. Muller} - FNA, KTZ, WJ

Quercus gambelii Nutt. - Dorn01, FNA, GPF, HDH, SF!, W&W, E/W

[*Quercus gambelii* Nutt. var. *gambelii*] - KTZ, UTP

[*Quercus X pauciloba* Rydb.] - KTZ, UTP

[*Quercus gambelii* X *Q. turbinella*] - KTZ

[*Quercus vreelandii* Rydb.] - HDH

[*Quercus x pauciloba* Rydb.] - FCF

Quercus grisea Liebm. - FNA, KTZ, SFE, W&W, E

[WJ - occurs in Baca and Las Animas cos., CO, despite map in FNA]

Quercus havardii Rydb. - FCF, FNA, GPF, W

[WJ - plants from the Four Corners area are hybrids of *Q. gambelii* and *Q. turbinella*; NS - close to entering our area from the southeast as well]

[*Quercus X eastwoodiae* Rydb.] - Tucker?® and UTP are in error

[*Quercus havardii* Rydb. var. *tuckeri* S. L. Welsh] - KTZ, SFW, UTP, W&W

Quercus pungens Liebm. - FNA, HDH rep., KTZ, *Hazlett 11781* (Harding Co., NM, [GREE])

[Records apply to hybrids between *Quercus grisea* X *Q. gambelii*, W&W]

[*Quercus venustula* Greene] - HDH, rep.

Quercus turbinella Greene - FNA, HDH, KTZ, SF!, UTP, W&W, E/W

Quercus X undulata Torr. - FNA; Tucker?!, E

[*Quercus gambelii* X *Q. grisea*] - WI, W&W

[*Quercus gambelii* X *Q. turbinella*] - KTZ

[*Quercus fendleri* Liebm.] - HDH

[*Quercus undulata* Torr.] - GPF, GPF, HDH, SFE

Frankeniaceae - FNK

Frankenia jamesii Torr. ex A. Gray - KTZ, W&W, E/W
[*Frankenia jamesii* Torr.] - HDH, SF!, UTP

Fumariaceae (see PAP)

Gentianaceae - GEN

Centaurium calycosum (Buckley) Fernald - KWA, KTZ, M&H

[*Centaurium calycosum* (Buckley) Fernald var. *arizonicum* (A. Gray) Tidestr.] - HDH

[*Centaurium calycosum* var. *nanum* (Gray) B.L. Robins.] - KTZ

[*Zeltnera calyca* (Buckley) Mansion]

Centaurium exaltatum (Griseb.) W. Wight ex Piper - Dom01, GPF, IMF, KTZ, UTF, W&W, W
[*Centaurium exaltatum* (A. Gray) Tidestr.] - SFW
[*Centaurium exaltatum* (Griseb.) W. Wight] - HDH, exp.

Centaurium pulchellum (Sw.) Druce - GPF, IMF, KTZ<NE>, SFE, W&W¹, E
[*Centaurium pulchellum* (Sw.) Druce ex B. L. Rob. & Fernald] - Dom01

Chondrophylla (see **Gentiana**)

Comastoma (see **Gentianella**)

Eustoma grandiflorum (Raf.) Shinners - Dom01, GPF, SFE, W&W, E
[*Eustoma exaltatum* (L.) Salisb. ex G. Don subsp. *russelianum* (Hook.) Kartesz] - KTZ
[*Eustoma russelianum* (Hook.) Griseb.] - HDH

Frasera albomarginata S. Watson var. *albomarginata* - IMF, W
[*Frasera albomarginata* S. Watson] - KTZ, SFW, W&W
[*Swertia albomarginata* (S. Watson) Kuntze] - HDH, UTF

♦ *Frasera coloradensis* (C. M. Rogers) D. M. Post - **ENDEMIC <CO>**, KTZ, SFE, W&W, E
[*Swertia coloradensis* C. M. Rogers] - HDH

Frasera paniculata Torr. - IMF, KTZ, W&W, W
[*Fraseria paniculata* S. Watson] - SFW
[*Swertia utahensis* (M. E. Jones) H. H. St. John] - UTF

Frasera speciosa Douglas ex Griseb. - Dom01, IMF, KTZ, W&W, E/W
[*Fraseria speciosa* Douglas] - SF¹
[*Swertia radiata* (Kellogg) Kuntze] - GPF, UTF
[*Swertia radiata* (Kellogg) Kuntze var. *radiata*] - HDH
[*Swertia radiata* (Kellogg) Kuntze var. *macrophylla* (Greene) H. St. John] - HDH

Gentiana

(Identification sources: _____)

Gentiana (see also **Gentianella**, **Gentianopsis**; Yuan96)

Gentiana affinis Griseb. - GPF, HDH, IMF, KTZ, UTF, E/W
[*Gentiana affinis* Griseb. var. *affinis*] - RMC
[*Gentiana foreoidii* A. Gray] - HDH
[*Pneumonanthus affinis* (Griseb.) Greene] - SF¹, W&W

Gentiana algida Pall. - Dom01, IMF, KTZ, UTF, E/W
[*Gentiana romanzovii* Ledeb.] - HDH
[*Gentianodes algida* (Pall.) A. Love & D. Love] - SF¹, W&W

Gentiana andrewsii Griseb. var. *andrewsii* - PC, KTZ
[*Gentiana andrewsii* Griseb.] - GPF, HDH
[*Pneumonanthus andrewsii* (Griseb.) W. A. Weber] - W&W

Gentiana aquatica L. - Dom01, E/W
[*Chondrophylla aquatica* (L.) W. A. Weber] - SF¹, W&W
[*Gentiana fremontii* Torr.] - HDH, KTZ

Gentiana bigelovii A. Gray - HDH, E
[*Gentiana affinis* Griseb.] - KTZ
[*Gentiana affinis* Griseb. var. *bigelovii* (A. Gray) Kuntz] - Dom01
[*Pneumonanthus bigelovii* (A. Gray) Greene] - SFE, W&W¹
{*Gentiana calycosa* Griseb.} - FCF

- [WJ - does not occur in our area; nearest area is Uintah Range in UT. Ours all are *G. parryi*. All red treatment in Great Basin Naturalist lumped species too aggressively]
- Gentiana parryi* Engelm. - Dorn01, HDH, IMF, KTZ, UTF, E/W
 [Pneumonanthe parryi (Engelm.) Greene] - SF, W&W
- Gentiana prostrata* Haenke - Dorn01, IMF, KTZ, CC & WJ, E/W
 [Chondrophylla nutans (Bunge) W. A. Weber] - SF, W&W
 [Chondrophylla prostrata (Haenke) J. P. Anderson] - SF
 [Chondrophylla prostrata (Haenke ex Jacq.) J. P. Anderson] - W&W
 [Gentiana nutans Bunge] - KTZ
 [Gentiana prostrata Haenke ex Jacq.] - UTF
 [Gentiana prostrata Haenke var. *americana* Engelm.] - HDH

- Gentianella amarella* (L.) Börner var. *acuta* (Michx.) Hender - E/W
 [Gentiana plebeia Chamisso var. *holmii* Wetst.] - HDH
 [Gentiana plebeia Chamisso var. *plebeia*] - HDH
 [Gentianella strictiflora (Rydb.) A. Nelson] - HDH
 [Gentianella acuta (Michx.) Histonei] - SF, W&W
 [Gentianella amarella (L.) Börner] - IMF, UTF
 [Gentianella amarella (L.) Börner subsp. *acuta* (Michx.) J. M. Gillett] - GPF, KTZ
 [Gentianella amarella (L.) Börner var. *amarella*] - W&W¹, Eurasian
 [Gentianella strictiflora (Rydb.) W. A. Weber] - SFE, W&W
- Gentianella amarella* (L.) Börner var. *heterosepala* (Engelm.) Dorn - Dorn01, E/W
 [Gentiana heterosepala Engelm.] - HDH
 [Gentiana scopulorum Tidestr.] - KTZ
 [Gentianella amarella (L.) Börner subsp. *heterosepala* (Engelm.) J. M. Gillett] - KTZ
 [Gentianella heterosepala (Engelm.) Holub] - IMF, SF, UTF, W&W
- Gentianella tenella* (Rottb.) Börner - Dorn01, GPF, IMF, UTF, E/W
 [Comastoma tenella (Rottb.) Toyokusu] - SF, W&W
 [Gentiana tenella Rottb.] - HDH
 [Gentianella tenella (Rottb.) Börner subsp. *tenella*] - KTZ
- Gentianella tortuosa* (M. E. Jones) J. M. Gillett - IMF, KTZ, SFW, UTF, W&W, W

Gentianodes (see *Gentiana*)

- Gentianopsis barbellata* (Engelm.) H. H. Iltis - Dorn01, IMF, KTZ, SF, UTF, W&W, E/W
 [Gentiana barbellata Engelm.] - HDH
- Gentianopsis detonsa* (Rottb.) Ma var. *elegans* (A. Nelson) N. H. Holmgren - Dorn01, IMF, UTF, E/W
 [Gentiana thermalis Kuntze] - HDH
 [Gentianopsis thermalis (Kuntze) H. H. Iltis] - KTZ, SF, W&W
- Gentianopsis procera* (Holms) Ma - WJ (*Kelso et al. 01-J87* [COCO])

- Lomatogonium rotatum* (L.) Fr. - Dorn01, UTF, E/W
 [Lomatogonium rotatum (L.) Fr. ex Fernald] - KTZ
 [Lomatogonium rotatum (L.) Fr. subsp. *tenulfolium* (Griseb.) Porsild] - SF
 [Lomatogonium rotatum (L.) Griseb. subsp. *tenulfolium* (Griseb.) Porsild] - W&W
 [Pleurogyne fontana A. Nelson] - IPNI
 [Pleurogyne rotata (L.) Griseb.] - HDH

Pleurogyne (see *Lomatogonium*)

Pneumonanthe (see *Gentiana*)

Swertia (see also **Frasera**)

Swertia perennis L. - Dom01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Geraniaceae - GER

**Erodium cicutarium* (L.) L'Hér. ex Aiton - Dom01, HDH, IMF, E/W

[*Erodium cicutarium* (L.) L'Hér.] - GPF, SF!, UTF, W&W

[*Erodium cicutarium* (L.) L'Hér. ex Aiton subsp. *cicutarium*] - KTZ

Geranium

(Identification sources: _____)

{*Geranium atropurpureum* A. Heller var. *atropurpureum*] - KTZ, E/W

[*Geranium atropurpureum* A. Heller] - see IMF

[*Geranium caespitosum* E. James subsp. *atropurpureum* (A. Heller) W. A. Weber] - SF!

[*Geranium caespitosum* E. James ex Torr. subsp. *atropurpureum* (A. Heller) W. A. Weber] - W&W

[*Geranium marginale* Rydb.] - W&W[†]

[*Geranium marginale* Rydb. ex Hanks & Small] - HDH, rep.

Geranium atropurpureum A. Heller var. *covenii* (Rydb.) Dorn - Dom01, KTZ

[*Geranium caespitosum* E. James] - IMF

[*Geranium caespitosum* E. James ex Torr. subsp. *caespitosum*] - W&W

[*Geranium fremontii* Torr. ex A. Gray] - see IMF

[*Geranium fremontii* Torr. ex A. Gray var. *covenii* (Rydb.) Harrington] - HDH

[*Geranium intermedium* E. James] - Goodman95

**Geranium bicknellii* Britton var. *longipes* (S. Watson) Fernald - SF!, W&W, E/W

[*Geranium bicknellii* Britton] - Dom01, GPF, IMF, KTZ, UTF

[*Geranium carolinianum* L. var. *longipes* S. Watson] - HDH

Geranium caespitosum E. James var. *caespitosum* - Dom01, KTZ, E/W

[NS - See UT3 p. 324 regarding taxonomic work needed in *G. caespitosum* complex]

[*Geranium caespitosum* E. James] - HDH, IMF, UTF

[*Geranium caespitosum* E. James subsp. *caespitosum*] - SF!

[*Geranium caespitosum* E. James ex Torr. subsp. *caespitosum*] - W&W

[*Geranium caespitosum* E. James var. *parryi* (Engelm.) W. A. Weber] - KTZ, UTF

[*Geranium parryi* (Engelm.) A. Heller] - HDH

Geranium caespitosum E. James var. *fremontii* (Torr. ex A. Gray) Dorn - Dom01, KTZ, E/W

[*Geranium caespitosum* E. James] - see IMF, UTF

[*Geranium caespitosum* E. James subsp. *caespitosum*] - SF!

[*Geranium caespitosum* E. James ex Torr. subsp. *caespitosum*] - W&W

[*Geranium fremontii* Torr. ex A. Gray] - see IMF

[*Geranium fremontii* Torr. ex A. Gray var. *fremontii*] - HDH

⊕*Geranium carolinianum* L. - Dom01, GPF, IMF, UTF

[*Geranium carolinianum* L. var. *carolinianum*] - HDH, exp., KTZ

**Geranium columbinum* L. - KTZ, SFE, W&W, E

**Geranium ibericum* Cav. - KTZ, SFE, W&W[†], E

{*Geranium pusillum* Burm. f.} - HDH, SFE, not persisting, W&W, misapp., E

**Geranium pusillum* L. - Dom01, GPF, IMF, KTZ, UTF

Geranium richardsonii Fisch. & Trautv. - Dom01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

Geranium viscosissimum Fisch. & C. A. Mey. ex C. A. Mey. var. *viscosissimum* - Dom01

Geranium viscosissimum Fisch. & C. A. Mey. ex C. A. Mey. var. *incisum* (Torr. & A. Gray) N. H. Holmgren - Dom01, IMF, KTZ

[*Geranium nervosum* Rydb.] - HDH

[*Geranium viscosissimum* Fisch. & C. A. Mey. subsp. *nervosum* (Rydb.) W. A. Weber] - SFI, W&W
[*Geranium viscosissimum* Fisch. & C. A. Mey. ex C. A. Mey. var. *nervosum* (Rydb.) C. L. Hitchc.] - E/W
[*Geranium viscosissimum* Fisch. & C. A. Mey. var. *nervosum* (Rydb.) C. L. Hitchc.] - GP, UTF

Gramineae (see POA)

Grossulariaceae - GRS

(Identification sources: _____)

Ribes americanum Mill. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

Ribes aureum Pursh var. *aureum* - Dorn01, KTZ, E/W

[*Ribes aureum* Pursh] - HDH, IMF, SFI, UTF, W&W

⊕*Ribes aureum* Pursh var. *villosum* DC. - Dorn01, KTZ, E

[*Ribes odoratum* H. Wendl.] - GPF, IMF, SFE, UTF, W&W

Ribes cereum Douglas - HDH, IMF, SFI, W&W, E/W

[*Ribes cereum* Douglas var. *cereum*] - KTZ

[*Ribes cereum* Douglas var. *pedicellare* Brewer & S. Watson] - Dorn01, KTZ

[*Ribes cereum* Douglas var. *inebrians* (Lindl.) C. L. Hitchc.] - GPF, UTF

Ribes coloradense Coville - HDH, SFI, UTF, W&W, E/W

[*Ribes laevigatum* Parsh] - IMF, KTZ, UTF

{*Ribes divaricatum* Douglas} - IMF, KTZ, SFI, W&W, E/W

[WJ - A Pacific Coast species. Annotations by Q. Sinnott in error. T. Hogan agrees that all are *R. inerne*.
Sinnott's own paper (*Rhodora* 87, 1985) makes no mention of this taxon in our area]

Ribes inerne Rydb. var. *inerne* - HDH, IMF, KTZ, E/W

[*Ribes inerne* Rydb. var. *pubescens* A. Berger] - HDH

[*Ribes inerne* Rydb.] - Dorn01, SFI, UTF, W&W

[*Ribes inerne* Rydb. forma *incisum* W. A. Weber] - SFE, W&W

Ribes Iacustre (Pers.) Poir. - Dorn01, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Ribes leptanthum A. Gray - HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Ribes montigenum McClint. - Dorn01, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Ribes niveum Lindl. - IMF, KTZ, Sinnott85

Ribes oxyacanthoides L. var. *oxyacanthoides* - Dorn01, IMF

[*Ribes oxyacanthoides* L.] - GPF <CO>

[*Ribes oxyacanthoides* L. subsp. *oxyacanthoides*] - KTZ <NE, WY> - Sinnott85

Ribes oxyacanthoides L. var. *setosum* (Lindl.) Dorn - Dorn01, IMF

[*Ribes oxyacanthoides* L. subsp. *setosum* (Lindl.) Q. P. Sinnott] - KTZ <NE, UT, WY>, Sinnott85

[*Ribes setosum* Lindl.] - GPF <CO>, HDH, exp., UTF

Ribes viscosissimum Pursh - HDH, IMF, KTZ, SFI, W&W, E/W

[*Ribes viscosissimum* Pursh var. *viscosissimum*] - UTF

Ribes wolfii Rothrock - HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Haloragaceae - HAL (= Haloragidaceae; see also PTG)

{*Myriophyllum heterophyllum* Michx.} - M&H, exp.

Myriophyllum sibiricum Kom. - Dorn01, IMF, KTZ, SFI, W&W, E/W

[*Myriophyllum exaltatum* Fernald] - GPF, HDH, UTF

Myriophyllum spicatum L. - IMF, KTZ

[Andy Kratz, USFS, pers. comm.]

Myriophyllum verticillatum L. - GPF, HDH, IMF, KTZ, SFW, UTF, W&W, W

Haloragidaceae (see HAL)

Helleboraceae (see RAN)

Hemerocallidaceae (see XAN)

Hippocastanaceae (see SAP)

Hippuridaceae - HPU

Hippuris vulgaris L. - Dorn01, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

Hydrangeaceae - HDR

Fendlera rupicola A. Gray

[WJ - see notes in IMF regarding rationale for not recognizing varieties]

[*Fendlera rupicola* A. Gray var. *falcata*] - KWA, M&H

[*Fendlera rupicola* A. Gray var. *rupicola*] - W

[*Fendlera rupicola* A. Gray] - HDH, KTZ, SFW, UTF, W&W

[*Fendlera rupicola* Engelm. & A. Gray] - IMF

[*Fendlera rupicola* A. Gray var. *wrightii* A. Gray] - KWA, M&H

[*Fendlera wrightii* (A. Gray) Heller] - KTZ

Fendlerella utahensis (S. Watson) A. Heller - HDH, SFW, UTF, W&W, W

[*Fendlerella utahensis* (S. Watson) A. Heller var. *utahensis*] - IMF, KTZ

Jamessia americana Torr. & A. Gray var. *americana* - GPF, IMF, KTZ, E/W

[*Jamesia americana* Torr.] - SFW

[*Jamesia americana* Torr. & A. Gray] - Dorn01, HDH, SFE, W&W

[*Jamesia americana* Torr. & A. Gray var. *macrocalyx* (Small) Engler] - UTF

Philadelphus microphyllus A. Gray - IMF, KTZ, SF1, UTF, W&W, E/W

[*Philadelphus argenteus* Rydb.] - KTZ

[*Philadelphus microphyllus* A. Gray subsp. *microphyllus*] - HDH

[*Philadelphus microphyllus* A. Gray subsp. *occidentalis* (A. Nelson) Hitchc.] - HDH

[*Philadelphus microphyllus* A. Gray var. *occidentalis* (A. Nelson) Dorn] - Dorn01

[*Philadelphus microphyllus* A. Gray var. *ovatus* Hu] - KTZ

[*Philadelphus occidentalis* A. Nelson var. *minutus* (Rydb.) Hu] - KTZ

[*Philadelphus occidentalis* A. Nelson var. *occidentalis*] - KTZ

Hydrocharitaceae - HDC (see also NAJ)

(Identification sources: _____)

**Egeria densa* Planch. - FNA, KTZ <AZ, KS, NE, NM, OK, UT>

[*Elodea densa* (Planch.) Caspary] - GPF, HDH, possible escape

Elodea (see also *Egeria*)

Elodea bifoliata H. St. John - Dorn01, FNA, KTZ, SF1, W&W[†], E/W

[*Elodea longivirgata* H. St. John] - GPF, IMF, UTF, W&W

Elodea canadensis Michx. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF1, UTF, E/W

[*Elodea canadensis* Richards.] - W&W

Elodea nuttallii (Planch.) H. St. John - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFI, W&W, E/W

{*Vallisneria americana* Michx.] - FNA, GPF, KTZ <AZ, NM, OK>
[*Vallisneria spiralis* L.] - HDH, exp., W&W, em. rep.

Hypoxidaceae - HPX

Hypoxis hirsuta (L.) Coville - FNA, GPF, HDH, KTZ, SFE, W&W, E

[WJ - not collected in CO since 1959; possibly extirpated in CO]

[*Omithegala hissutum* L.] - FNA

[*Hypoxis caroliniana* Michx.] - FNA

[*Hypoxis graminea* Persch.] - FNA

[*Hypoxis grandiflora* Pollard] - FNA

[*Hypoxis micrantha* Pollard] - FNA

[*Hypoxis pallida* Salisbury] - FNA

[*Hypoxis villosa* Raf.] - FNA

Iridaceae - IRI

Iris missouriensis Nutt. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

[*Iris arizonica* Dykes] - FNA

[*Iris longipetala* Herbert var. *montana* Baker] - FNA

[*Iris montana* Nutt. ex Dykes] - FNA

[*Iris parvissima* S. L. Welsh] - FNA

[*Iris pelgorosa* Goodding] - FNA

[*Iris tolmeiana* Herbert] - FNA

Sisyrinchium angustifolium Mill. - Dorn01

[*Sisyrinchium bermudiana* auct. non L.] - KTZ

[*Sisyrinchium graminoides* Bicknell] - KTZ

Sisyrinchium demissum Greene - FNA, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

[*Sisyrinchium amethystinum* E. P. Bicknell] - FNA

[*Sisyrinchium denissimum* var. *amethystinum* (E. P. Bicknell) Kearney & Peebles] - FNA

[*Sisyrinchium longipedunculosum* E. P. Bicknell] - FNA

{*Sisyrinchium halophilum* Greene} - HDH, IMF, KTZ <UT>, W&W

Sisyrinchium idahoense E. P. Bicknell var. *occidentale* (E. P. Bicknell) D. M. Hend. - Dorn01,

FNA, KTZ, SFI, W&W, E/W

[*Sisyrinchium idahoense* E. P. Bicknell] - UTF, IMF

[*Sisyrinchium juncellum* Greene] - FNA

[*Sisyrinchium occidentale* E. P. Bicknell] - HDH

Sisyrinchium montanum Greene var. *montanum* - FNA, KTZ

[*Sisyrinchium alpestre* E. P. Bicknell] - FNA

[*Sisyrinchium heterocarpum* E. P. Bicknell] - HDH, FNA

[*Sisyrinchium montanum* Greene] - Dorn01, GPF, HDH, IMF, SFI, W&W, E/W

* *Sisyrinchium pallidum* Cholewa & D. M. Hend. - ENDEMIC <CO, WY>, Dorn01, FNA,

KTZ, SFE, W&W, E

Juglandaceae - JUG

Juglans nigra L. - Hartman06

{*Juglans rupestris* Engelm. var. *major* Torr.} - HDH rep., W&W¹

{*Juglans major* (Torr.) A. Heller} - KTZ <AZ, NM, OK, UT>, UTF

{*Juglans major* (Torr.) A. Heller var. *major*} - FNA <AZ, NM, OK>

Juncaceae - JUN

(Identification sources: _____)

Juncus acuminatus Michx. - FNA, GPF, HDH, KTZ, SFE, W&W, E

Juncus alpinocariculatus Chaix. - SF!, W&W, E/W

[*Juncus alpino-articulatus* Chaix.] - SF!, W&W¹

[*Juncus alpinoarticulatus* Chaix subsp. *nedulosus* (Wahlenb.) Hämet-Öhtti] - KTZ

[*Juncus alpinus* Villars] - GPF, HDH, IMF, UTF

Juncus articulatus L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Juncus arcticus Willd. var. *balticus* (Willd.) Trautv. - FNA, E/W

[*Juncus arcticus* Willd.] - UTF

[*Juncus arcticus* Willd. subsp. *aker* (Rydb.) Hukén] - SF!, W&W¹

[*Juncus ater* Rydb.] - W&W

[*Juncus balticus* Willd. var. *montanus* Engelm.] - Dorn01, GPF, HDH, IMF, KTZ

[*Juncus balticus* Willd. var. *vallicola* Rydb.] - Dorn01, HDH, KTZ

Juncus arcticus Willd. var. *mexicanus* (Willd. ex Roem. & Schult.) Balslev - FNA

[*Juncus balticus* Willd. var. *mexicanus* (Willd.) Kunze] - IMF

[*Juncus mexicanus* Willd. ex J. A. Schult. & J. H. Schult.] - KTZ<AZ, NM>

Juncus biglumis L. - Dorn01, FNA, KTZ, SF!, W&W, E/W

Juncus brachyccephalus (Engelm.) Buchenau - FNA, GPF, KTZ, SFE, W&W, E

Juncus brachiphyllus Wieg. - Legier 5083 [voucher at RM]

[NS - Specimen identification confirmed by specialist P. Zíka at U of WA (B. Legier, pers. comm. 2008)]

Juncus brevicaudatus (Engelm.) Fernald - FNA, KTZ, SFE, W&W, E

[*Juncus tweedyi* Rydb.] - IMF, KTZ, SFE, UTF, W&W

Juncus bryoides F. J. Herm. - FNA, KTZ, SFW, UTF, W&W, W

[*Juncus kelloggii* Engelm.] - IMF

Juncus bufonius L. - Dorn01, FNA, GPF, HDH, IMF, SF!, UTF, E/W

[*Juncus ambiguus* Guss.] - KTZ

[*Juncus bufonius* L. var. *bufonius*] - KTZ, W&W

[*Juncus bufonius* L. var. *occidentalis* F. J. Herm.] - KTZ, SF!, W&W

[*Juncus sphaerocarpus* Nees] - HDH

⊕*Juncus castaneus* J. E. Sm. - Dom01, FNA, HDH, IMF, SF!, UTF, W&W, E/W

[*Juncus castaneus* J. E. Sm. subsp. *castaneus* var. *castaneus*] - KTZ

**Juncus compressus* Jacq. - Dorn01, FNA, KTZ, SF!, UTF, W&W, E/W

Juncus confusus Coville - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

⊕*Juncus dichotomus* Elliott - FNA, KTZ, E

[*Juncus platyphyllus* (Wiegand) Fernald] - SFE, W&W

Juncus drummondii E. Mey. - Dorn01, FNA, HDH, IMF, SF!, UTF, W&W, E/W

[*Juncus drummondii* E. Mey. var. *drummondii*] - KTZ

[*Juncus drummondii* E. Mey. var. *subtriflorus* (E. Mey.) C. L. Hitchc.] - KTZ

Juncus dudleyi Wiegand - FNA, GPF, HDH, KTZ, SF!, W&W, E/W

[*Juncus tenuis* Willd. var. *dudleyi* (Wiegand) F. J. Herm. - Dom01, IMF, UTF

⊕*Juncus effusus* L. - FNA, GPF, SFE, W&W, E

[*Juncus effusus* L. var. *soltiss* Fernald & Wiegand] - KTZ

Juncus ensifolius Wikstr. var. *ensifolius* - Dorn01, FNA, IMF, UTF, E/W

[*Juncus ensifolius* Wikstr.] - KTZ, SF!, W&W

Juncus ensifolius Wikstr. var. *montanus* (Engelm.) C. L. Hitchc. - Dorn01, FNA, GPF, IMF,

E/W

[*Juncus ensifolius* Wikstr. var. *brunneoscens* (Rydb.) Cronq. - IMF, UTF

- [*Juncus saximontanus* A. Nelson] - HDH, KTZ, SF!, W&W
 [*Juncus saximontanus* A. Nelson forma brunneocolor (Rydb.) F. J. Hermann] - SFE
 [*Juncus tracyi* Rydb.] - KTZ, SF!, W&W
- Juncus filiformis** L. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- ♦**Juncus gerardii** Loisel. - Dorn01, FNA, GPF, SFE, UTF, W&W, E
 [*Juncus gerardii* Loisel. var. *gerardii*] - KTZ
- Juncus hallii** Engelm. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Juncus interior** Wiegand - Dorn01, FNA, GPF, HDH, SFE, W&W, E/W
 [*Juncus interior* Vasey] - SFW
 [*Juncus interior* Wiegand var. *interior*] - KTZ, RMC
 [*Juncus interior* Wiegand var. *necomescanus* (Wiegand) F. J. Herm.] - KTZ
 [*Juncus tenuis* Willd.] - IMF, UTF
- Juncus longistylis** Torr. - Dorn01, FNA, GPF, HDH, IMF, SF!, UTF, W&W, E/W
 [*Juncus longistylis* Torr. var. *longistylis*] - KTZ
- Juncus macrandrus** Coville] - FNA, IMF, KTZ
- Juncus marginatus** Restk. - FNA, GPF, HDH, KTZ, SFE, W&W, E
- Juncus mertensiana** Bong. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Juncus nevadensis** S. Watson - Dorn01, FNA, IMF, SF!, UTF, W&W, E/W
 [*Juncus badia* Suksd.] - HDH
 [*Juncus nevadensis* S. Watson] - IMF, SF!, UTF, W&W
 [*Juncus nevadensis* S. Watson var. *badia* (Suksd.) C. L. Hitchc.] - KTZ
 [*Juncus nevadensis* S. Watson var. *nevadensis*] - KTZ
- Juncus nodosus** L. - Dorn01, FNA, GPF, HDH, IMF, SF!, UTF, W&W, E/W
 [*Juncus nodosus* L. var. *nodosus*] - KTZ
- Juncus parryi** Engelm. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Juncus tenuis** Willd. - FNA, KTZ, SFE, W&W[†], E
 [*Juncus tenuis* Willd. var. *multicomis* E. Mey.] - HDH, W&W
- Juncus torreyi** Coville - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
- Juncus triglumis** L. var. *albescens* Lange - Dorn01, FNA, IMF, E/W
 [*Juncus albescens* (Lange) Fernald] - HDH, KTZ, SF!, W&W
 [*Juncus triglumis* L. var. *albescens* (Fernald) Lange] - UTF
- Juncus triglumis** L. var. *triglumis* - Dorn01, FNA, IMF at high latitudes, E/W
 [*Juncus triglumis* L.] - KTZ, SF!, W&W
- Juncus tweedyi** Rydb. - IMF, KTZ, SFE, UTF, W&W[†]
 [*Juncus brevicaudatus* (Engelm.) Fern.] - FNA
- Juncus vaseyi** Engelm. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
- Luzula comosa** E. Mey. - FNA, KTZ, SF!, W&W, E/W
 [*Luzula campestris* (L.) DC.] - IMF, W&W, misapp.
 [*Luzula campestris* (L.) DC. var. *multiflora* (Ehrh.) Celak.] - IMF, UTF
 [*Luzula multiflora* (Ehrh.) Lej.] - Dorn01, FNA
 [*Luzula multiflora* (Retz.) Lej.] - GPF, HDH, W&W, misid.
 [*Luzula multiflora* (Ehrh.) Lej. subsp. *multiflora* var. *multiflora*] - KTZ
- Luzula fastigiata** E. Mey. - KTZ
 [*Luzula parviflora* (Ehrh.) Desv.] - IMF
- Luzula parviflora** (Ehrh.) Desv. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Luzula spicata** (L.) DC. - Dorn01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- ♦ **Luzula subcapitata** (Rydb.) Harrington - **ENDEMIC** <CO>, FNA, HDH, KTZ, SF!, W&W, E/W
- {**Luzula sudetica** (Willd.) DC.] - FNA, HDH
 [*Luzula multiflora* (Ehrh.) Lej. subsp. *rigida* (Buchenau) Krecz.] - KTZ

Juncaginaceae - JCG

- Triglochin maritima L. - FNA, HDH, KTZ, SF!, UTF, W&W, E/W
[*Triglochin concinna* Burt-Davy] - SF!
[*Triglochin concinna* Burt-Davy var. *debilis* (M. E. Jones) J. T. Howell] - GPF, HDH rep., IMF, UTF
[*Triglochin debilis* (M. E. Jones) A. Löve & D. Löve] - W&W
[*Triglochin maritima* L. var. *elata* (Nutt.) A. Gray] - Dorn01, GPF, IMF
- Triglochin palustre L. - FNA, E/W
[*Triglochin palustris* L.] - Dem01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W

Krameriaceae - KRM

- {*Krameria erecta* Willd. ex Schult. & Schult. f.} - IMF
{WI - *Aven Nelson 1014* erroneously labeled Colorado}
[*Krameria parviflora* Benth. var. *glandulosa* (Rose & Painter) J. F. Macbr.] - HDH, W&W
[*Krameria parviflora* Benth.] - UTF
[*Krameria erecta* Willd. ex Schult.] - KTZ <AZ, NM, UT>
- Krameria lanceolata* Toer. - GPF, HDH, KTZ, SFE, W&W, E

Lamiaceae - LAM (= Labiateae)

(Identification sources: _____)

- Agastache foeniculum* (Pursh) Kuntze - Dorn01, GPF, KTZ, SFE, E
[*Agastache foeniculum* Kuntze] - HDH, W&W
- Agastache pallidiflora* (A. Heller) Rydb. subsp. *neomexicana* (Briq.) List & Epling - KWA,
HDH, KTZ [also recogn. 2 vars.], W&W, err. rep.
[*Agastache neomexicana* (Briq.) Standl.] - KWA
[*Agastache pallidiflora* (A. Heller) Rydb. subsp. *neomexicana* (Briq.) List & Epling var. *neomexicana* (Briq.)
R. W. Sanders] - KTZ <NM>
- Agastache pallidiflora* (A. Heller) Rydb. var. *pallidiflora* - IMF, E/W
[*Agastache pallidiflora* (A. Heller) Rydb.] - SF!, UTF
[*Agastache pallidiflora* (A. Heller) Rydb. subsp. *pallidiflora*] - HDH
[*Agastache pallidiflora* (A. Heller) Rydb. subsp. *pallidiflora* var. *greenii* (Briq.) R. W. Sanders] - KTZ, W&W
- Agastache urticifolia* (Benth.) Kuntze var. *urticifolia* - IMF, KTZ, E/W
[*Agastache urticifolia* Kuntze] - HDH
[*Agastache urticifolia* (Benth.) Kuntze] - Dorn01, SF!, UTF, W&W

- ⊕*Clinopodium vulgare* L. - HDH, KTZ, SF!, W&W, E/W
[*Satureja vulgaris* (L.) Fritsch] - Dorn01, IMF

Dracocephalum (see also Physostegia)

- Dracocephalum parviflorum* Nutt. - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[*Moldavia parviflora* (Nutt.) Britton] - HDH
Dracocephalum thymiflorum L. - Dorn01

- **Galeopsis bifida* Boenn. - GPF, KTZ, SF!, W&W, E/W
[*Galeopsis tetrahit* L.] - HDH

**Glecoma hederacea* L. - Dom01, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Hedeoma drummondii Benth. - Dom01, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Hedeoma hispidum Pursh - Dom01, GPF, SFE, W&W, E

[*Hedeoma hispida* Pursh] - HDH, KTZ

Hedeoma oblongifolia (Gray) Heller - KWA, M&H, KTZ

[*Hedeoma piperita* var. *oblongifolia* Gray] - KTZ

[*Hedeoma thymoides* var. *oblongifolia* (Gray) Gray] - KTZ

**Hyssopus officinalis* L. - KTZ, W&W

**Lamium amplexicaule* L. - Dom01, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

**Lamium purpureum* L. var. *purpureum* - KTZ, E/W

[*Lamium purpureum* L.] - GPF, HDH rep., IMF, SFI, UTF, W&W

**Leonurus cardiaca* L. - Dom01, GPF, HDH, IMF, SFE, UTF, W&W, E

[*Leonurus cardiaca* L. subsp. *cardiaca*] - KTZ

Lycopus americanus Muhl. ex W. P. C. Barton - Dom01, GPF, HDH, KTZ, UTF, W&W, E/W

[*Lycopus americanus* Muhl.] - SF

Lycopus asper Greene - Dom01, GPF, IMF, KTZ, SFI, UTF, W&W, E/W

[*Lycopus lucidus* Turczaninow ex Benth.] - HDH

Lycopus uniflorus Michx. - Dom01, GPF, HDH, SFE, W&W, E

[*Lycopus uniflorus* Michx. var. *uniflorus*] - KTZ

**Marrubium vulgare* L. - Dom01, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Mentha (see also **Monarda**)

Mentha arvensis L. - Dom01, GPF, HDH, IMF, KTZ, SFI, W&W, E/W

[*Mentha arvensis* L. var. *glabrata* (Benth.) Fernald] - UTF

Mentha X citrata Ehrh. - IMF

[*Mentha aquatica* X M. *spicata*] - IMF

[*Mentha aquatica* L.] - KTZ <UT>

[*Mentha citrata* Ehrh.] - HDH, UTF

**Mentha X piperita* L. - GPF, IMF, KTZ, UTF, E

[*Mentha aquatica* X M. *spicata*] - IMF

[*Mentha piperita* L.] - HDH, SFE, W&W

**Mentha spicata* L. - Dom01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Moldavica (see **Draecephalum**)

Monarda fistulosa L. var. *menthifolia* (Graham) Fernald - Dom01, GPF, HDH, IMF, SFE, UTF, W&W, E/W

[*Monarda fistulosa* L.] - SFW

[*Monarda fistulosa* L. subsp. *fistulosa* var. *menthifolia* (Graham) Fernald] - KTZ

Monarda pectinata Nutt. - Dom01, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Monarda punctata L. var. *occidentalis* (Epling) Palmer & Steyermark

[*Monarda punctata* L.] - W&W¹, err. rep.

[*Monarda punctata* L. subsp. *occidentalis* Epling] - GPF <CO>, HDH, W&W, err. rep.

[*Monarda punctata* L. subsp. *punctata* var. *occidentalis* (Epling) Palmer & Steyermark] - KTZ <KS, OK, NM>

Monardella odoratissima Benth. var. *glaucia* (Greene) H. St. John - Dom01, IMF, W
[*Monardella glauca* Greene] - KTZ
[*Monardella odoratissima* Benth.] - HDH, KTZ, SFW, UTF, W&W

**Nepeta cataria* L. - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
**Nepeta racemosa* Lam. - Dom01
**Nepeta grandiflora* M.-Bieb. - Dom01

Phystostegia parviflora Nutt. ex A. Gray - Dom01, KTZ GPF, IMF, KTZ, UTF, W&W, exp.
[*Dracocephalum nattallii* Britton] - HDH, rep.

Poliomintha incana (Torr.) A. Gray - HDH, exp., IMF, KTZ, SFW, UTF, W&W, W

◆*Prunella vulgaris* L. var. *lanceolata* (W. P. C. Barton) Fernald - GPF, IMF, UTF, E/W
[*Prunella vulgaris* L.] - Dom01, HDH, SF!, W&W
[*Prunella vulgaris* L. subsp. *lanceolata* (W. P. C. Barton) Hultén] - KTZ
Prunella vulgaris L. var. *vulgaris* - KTZ

Pycnanthemum virginianum (L.) T. Durand & Jackson ex B. L. Robins. & Fernald - GPF, HDH,
KTZ <KS, NE, OK>, W&W, err. rep.
[*Pycnanthemum virginianum* (L.) T. Durand & Jackson] - W&W[†]

**Salvia aethiopis* L. - IMF, KTZ, SFE, UTF, W&W, E
◆ *Salvia azurea* Michx. ex Lam. var. *grandiflora* Benth. - HDH, KTZ, E
[*Salvia azurea* Lam.] - UTF
[*Salvia azurea* Michx. ex Lam. subsp. *picheri* (Torr.) Epling] - HDH
[*Salvia azurea* Lam. var. *grandiflora* Benth.] - SFE
[*Salvia azurea* Michx. & Lam. var. *grandiflora* Benth.] - W&W
[*Salvia azurea* Lam. var. *grandiflora* Benth.] - GPF

Salvia subincisa Bentham - KWA, M&H, KTZ

**Salvia pratensis* L. - GPF, KTZ, SFE, W&W[†], E
Salvia reflexa Homem. - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
**Salvia selareoides* L. - GPF, IMF, KTZ, UTF, W&W
**Salvia X sylvestris* L. - KTZ, W&W[†], misapp., E/W
[*Salvia pratensis* X *S. nemorosa*] - KTZ
[*Salvia nemorosa* L.] - Dom01, GPF, KTZ, SF!, W&W[†]
[*Salvia sylvestris* L.] - HDH, W&W

Satureja (sec *Clinopodium*)

Scutellaria brittonii Poeter - Dom01, GPF, HDH, KTZ, SF!, W&W, E/W
Scutellaria galericulata L. - Dom01, GPF, HDH, IMF, KTZ, UTF, E/W
[*Scutellaria galericulata* L. var. *epilobifolia* (Hamilton) Jordal] - SF!, W&W
Scutellaria lateriflora L. var. *lateriflora* - KTZ, E
[*Scutellaria lateriflora* L.] - GPF, HDH, SFE, W&W
Scutellaria wrightii A. Gray - KTZ <OK>, W
[*Scutellaria resinosa* Torr.] - GPF, KTZ, SFW, W&W

Stachys palustris L. var. *pilosa* (Nutt.) Fernald - Dom01, IMF, UTF, E/W

[*Stachys palustris* L. subsp. *pilosa* (Nutt.) Epling] - GPF, HDH, SF!, W&W
[*Stachys pilosa* Nutt. var. *pilosa*] - KTZ

Teucrium canadense L. var. *occidentale* (A. Gray) E. M. McClint. & Epling - Dom01, HDH, IMF, KTZ, UTF, E/W

[*Teucrium canadense* L. subsp. *occidentale* (A. Gray) W. A. Weber] - W&W

[*Teucrium canadense* L. subsp. *occidentale* (A. Gray) E. M. McClint. & Epling] - SF!

[*Teucrium canadense* L. var. *boreale* (E. P. Bicknell) Shinners] - GPF

Teucrium laciniatum Torr. - GPF, HDH, KTZ, SFE, W&W, E

Leguminosae (see FAB)

Lemnaceae (see ARA)

Lentibulariaceae - LNT

Utricularia minor L. - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Utricularia ochroleuca R. W. Hartm. - KTZ, SF!, W&W, E/W

Utricularia macrorhiza Leconte - Dom01, KTZ, SF!, W&W

[*Utricularia vulgaris* L.] - GPF, HDH, IMF, UTF, W&W¹, misapp., E/W

Liliaceae - LIL (see also ALL, ASG, CVL, HPX, MLN, SML, CHC, XAN)

(Identification sources: _____)

Allium (see ALL)

Androstephium (see ALL)

Anticlea (see Zigadenus [MLN])

{*Calochortus aureus* S. Watson} - IMF, KTZ, UTF

[WI - erroneous report; no specimens seen at ARIZ, BRY, COLO, CS, KHD, RM]

[NS - FNA (vol. 26) indicates out of our range]

[*Calochortus nuttallii* Torr. var. *aureus* (S. Watson) Ownbey] - FNA, HDH, W&W

[*Calochortus nuttallii* Torr. & A. Gray var. *aureus* (S. Watson) Ownbey]

Calochortus flexuosus S. Watson - FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W

Calochortus gunnisonii S. Watson var. *gunnisonii* - FNA, IMF, KTZ, E/W

[*Calochortus gunnisonii* S. Watson - Dom01, GPF, HDH, SF!, UTF, W&W

Calochortus gunnisonii S. Watson var. *perpulcher* Cockerell - FNA

{*Calochortus macrocarpus* Douglas} - HDH rep., IMF, W&W, err. rep.

[*Calochortus macrocarpus* Douglas var. *macrocarpus*] - KTZ

Calochortus nuttallii Torr. & A. Gray - Dom01, FNA, GPF, IMF, KTZ, SFW, UTF, W

[*Calochortus nuttallii* Torr. var. *nuttallii*] - HDH, W&W

Disporum (see CHC)

Erythronium grandiflorum Pursh subsp. *chrysanthrum* Applegate - HDH, E/W

[*Erythronium giganteum* Lindley] - FNA

- [*Erythronium grandiflorum* Pursh] - IMF, SFI, UTF, W&W
- [*Erythronium grandiflorum* Pursh subsp. *chrysanthrum* (*Piper*) Abrams] - FNA
- [*Erythronium grandiflorum* Pursh var. *grandiflorum*] - Dorn01
- [*Erythronium grandiflorum* Pursh subsp. *grandiflorum*] - FNA, KTZ
- [*Erythronium grandiflorum* Pursh var. *nudipetalum* [as "nudipetalum"] (Applegate) C. L. Hitchc.] - FNA
- [*Erythronium grandiflorum* Pursh var. *gallidum* H. St. John] - FNA
- [*Erythronium parviflorum* (S. Watson) Goodding] - FNA

Fritillaria atropurpurea Nutt. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W
 [*Fritillaria adamantina* M. Peck] - FNA
 [*Fritillaria gracilis* Smiley] - FNA
 [*Fritillaria linearis* J. M. Coulter & Fisher] - FNA

Fritillaria pudica (Pursh) Spreng. - Dorn01, GPF, HDH, IMF, KTZ, SFW, UTF, W&W, W

Lilium philadelphicum L. var. *andinum* (Nutt.) Ker Gawler - Dorn01, GPF, KTZ, E/W
 [*Lilium andinum* Nettall] - FNA
 [*Lilium montanum* A.Nels.] - FNA
 [*Lilium philadelphicum* L.] - FNA, SFI, W&W
 [*Lilium umbellatum* Pursh] - HDH, FNA

Lloydia serotina (L.) Rehb. var. *serotina* - FNA, E/W
 [*Bulbocodium serotinum* L.] - FNA
 [*Lloydia serotina* Rehb.] - Dorn01, SFE
 [*Lloydia serotina* (L.) Sweet] - HDH
 [*Lloydia serotina* (L.) Salish.] - SFW
 [*Lloydia serotina* (L.) Salish. ex Rehb.] - IMF, W&W
 [*Lloydia serotina* (L.) S. Watson] - UTF
 [*Lloydia serotina* (L.) Rehb. subsp. *serotina*] - KTZ

Prosartes (see **Disporum** [CHC])

Smilacina (see **Maianthemum** [RUS])

Toxicoscordion (see **Zigadenus** [MLN])

Limnanthaceae - LIM

Floerken proserpinacoides Willd. - Dorn01, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Limoniaceae (see PLB)

Linaceae - LIN

(Identification sources: _____)

Adenolimum (see **Linum**)

Linum aristatum Engelm. - GPF, IMF, KTZ, UTF, W
 [*Mesynium aristatum* (Engelm.) W. A. Weber] - SFW, W&W
Linum australe A. Heller var. *australe* - KTZ, E/W
 [*Linum australe* A. Heller] - Dorn01, HDH, IMF, UTF

- [*Mesynium australe* (A. Heller) W. A. Weber] - SF!, W&W
Linum berlandieri Hook. var. *berlandieri* - KTZ
 [*Linum berlandieri* Hook.] - HDH!
 [*Linum rigidum* Pursh var. *berlandieri* (Hook.) Torr. & A. Gray] - GPF
 [*Mesynium rigidum* (Pursh) A. Löve & D. Löve] - W&W
- **Linum grandiflorum* Desf. - IMF, KTZ, UTF, E
 [*Adenolinum grandiflorum* (Desf.) W. A. Weber] - SFE, W&W
Linum kingii S. Watson - Dorn01, HDH, IMF, KTZ, UTF, W
 [*Mesyniopsis kingii* (S. Watson) W. A. Weber] - SFW, W&W
Linum lewisii Pursh var. *lewisii* - IMF, KTZ, E/W
 [*Adenolinum lewisii* (Pursh) A. Löve & D. Löve] - SF!, W&W
 [*Linum lewisii* Pursh] - Dom01, HDH
 [*Linum perenne* L. subsp. *lewisii* (Pursh) Hultén] - UTF
 [*Linum perenne* L. var. *lewisii* (Pursh) Eat. & J. Wright] - GPF
- **Linum perenne* L..
 [WJ - A ubiquitous weed in CO. It is the plant sold in highway/pipeline revegetation mixtures as *L. lewisii*, which is seen widely along highways. *L. perenne* is very erect, producing a very attractive bouquet shaped plant with copious flowers. It has pin and thrum morphs. *L. lewisii* has fewer flowers and comes out of the ground nearly horizontally; its style exceeds anthers on all plants]
- Linum pratense* (Norton) Small - GPF, KTZ, E
 [*Adenolinum pratense* (Norton) W. A. Weber] - SFE, W&W
Linum puberulum (Engelm.) A. Heller - Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W
 [*Mesynium puberulum* (Engelm.) W. A. Weber] - SF!, W&W
Linum rigidum Pursh var. *compactum* (A. Nelson) C. M. Rogers - Dom01, GPF, E
 [*Linum compactum* A. Nelson] - HDH, KTZ
 [*Mesynium rigidum* (Pursh) A. Löve & D. Löve] - SFE, W&W
Linum rigidum Pursh var. *rigidum* - Dom01, GPF, KTZ, E
 [*Linum rigidum* Pursh] - HDH!
 [*Mesynium rigidum* (Pursh) A. Löve & D. Löve] - SFE, W&W
Linum rigidum Pursh var. *simulans* C. M. Rogers - KTZ
- **Linum usitatissimum* L. - Dom01, GPF, HDH, KTZ, SF!, W&W, E/W
 [NS - evidently only 2 collections from CO and none from wild: one from 1890 at CS (WJ, pers. comm.) and one at GREE from 1905]

Mesyniopsis (see *Linum*)

Mesynium (see *Linum*)

Linnaeaceae - LNA

- Linnaea borealis* L. var. *longiflora* Torr. - Dorn01, IMF, UTF, E/W
 [*Linnaea borealis* L.] - GPF
 [*Linnaea borealis* L. subsp. *americana* (Forbes) Hultén] - W&W
 [*Linnaea borealis* L. subsp. *americana* (Forbes) Hultén ex Clausen] - KTZ, W&W
 [*Linnaea borealis* L. var. *americana* (Forbes) Reider] - HDH!
 [*Linnaea borealis* L. subsp. *longiflora* (Torr.) Hultén] - KTZ, SF!

Loasaceae - LOA

(Identification sources: _____)

Acrolasia (see *Mentzelia*)

Cevallia sinuata Lag. - KWA, M&H, KTZ

Mentzelia

[NS - existing keys do not work well for some material in the southern part of our range (Schiabou08)]

Mentzelia albicaulis (Douglas ex Hook.) Douglas ex Torr. & A. Gray - KTZ, E/W

[*Acrolasia albicalis* (Douglas) Rydb.] - SF!

[*Acrolasia albicalis* (Douglas ex Hook.) Rydb.] - W&W

[*Acrolasia gracilis* Rydb.] - SFE, W&W

[*Mentzelia albicaulis* (Hook.) Torr. & A. Gray] - GPF, UTF

[*Mentzelia albicaulis* (Doug. ex Hook.) Doug. ex Torr. & A. Gray] - Dom01

[*Mentzelia albicaulis* Douglas ex Hook. var. *albicaulis*] - HDH

Mentzelia argillosa J. Darl. - KTZ, UTF, W

[*Nuttallia argillosa* (J. Darl.) W. A. Weber] - SFW, W&W

♦ *Mentzelia chrysanthia* Engelm. ex Brandegee - **ENDEMIC <CO>**, HDH, KTZ, E

[*Mentzelia latea* Greene] - HDH, esp.

[*Nuttallia chrysanthia* Greene] - SFE

[*Nuttallia chrysanthia* (Engelm. ex Brandegee) Greene] - W&W

Mentzelia croniquistii H. J. Thomps. & Prigge - KTZ, W

[*Mentzelia marginata* (Osterh.) H. J. Thorps. & Prigge] - UTF

[*Nuttallia croniquistii* (H. J. Thomps. & Prigge) W. A. Weber] - SFW, W&W

Mentzelia decapetala (Pursh ex Sims) Urb. & Gilg ex Gilg - Dom01, KTZ, E

[*Mentzelia decapetala* (Pursh) Urb. & Gilg] - GPF, HDH

[*Nuttallia decapetala* (Pursh) Greene] - SFE

[*Nuttallia decapetala* (Pursh ex Sims) Greene] - W&W

♦ *Mentzelia densa* Greene - **ENDEMIC <CO>**, HDH, KTZ, E

[*Mentzelia speciosa* (Osterh.) Greene]

[*Nuttallia densa* (Greene) Greene] - W&W

[*Nuttallia speciosa* (Osterh.) Greene] - SFE

Mentzelia dispersa S. Watson

[NS - following Dom01 in not recognizing varieties in our region]

[*Acrolasia dispersa* (S. Watson) A. Davids.] - SF!, W&W

[*Mentzelia dispersa* S. Watson] - GPF, UTF

[*Mentzelia dispersa* S. Watson var. *compacta* (A. Nelson) J. F. Macbr. - HDH, KTZ, E/W

[*Mentzelia dispersa* S. Watson var. *dispersa*] - HDH, KTZ, E/W

[*Mentzelia dispersa* S. Watson var. *latifolia* (Rydb.) J. F. Macbr.] - HDH, KTZ, E/W

[*Mentzelia dispersa* S. Watson] - GPF, UTF

Mentzelia humilis (A. Gray) J. Darl. - KWA, M&H, HDH, KTZ, W

[*Acrolasia humilis* Osterhout] - KTZ

[*Acrolasia thompsonii* (Glad.) W.A. Weber] - KTZ

[*Mentzelia thompsonii* Glad.] - KTZ

[*Nuttallia gypsea* Woot. & Standl.] - M&H

[*Nuttallia humilis* (A. Gray) Rydb.] - SFW, W&W, err. esp.

Mentzelia laciniata (Rydb.) J. Darl. - HDH, KTZ, W

[*Nuttallia laciniata* (Rydb.) Wooton & Standl.] - SFW, W&W

Mentzelia laevicaulis (Douglas ex Hook.) Torr. & A. Gray var. *laevicaulis* - KTZ, W

[*Mentzelia laevicaulis* (Douglas) Torr. & A. Gray] - Dom01, GPF, UTF

[*Nuttallia laevicaulis* (Douglas) Greene] - SFW

Mentzelia marginata (Osterh.) H. J. Thomps. & Prigge - KTZ, UTF, W

[*Nuttallia marginata* Osterh.] - SFW, W&W

Mentzelia montana (Davids.) Davids. - Dom01, KTZ

[*Acrolasia dispersa* (S. Watson) Davids.] - W&W

[*Mentzelia albicaulis* (Hook.) Torr. & A. Gray] - UTF

- Mentzelia multicaulis* (Osterh.) A. Nelson ex J. Darl. var. *multicaulis* - KTZ, W
 [Mentzelia multicaulis (Osterh.) J. Darl.] - HDH
 [Mentzelia multicaulis (Osterh.) J. Darl. var. *multicaulis*] - UTF
 [Nuttallia multicaulis Osterh.] - SFW
 [Nuttallia multicaulis (Osterh.) Osterh.] - W&W
- Mentzelia multicaulis* (Osterh.) A. Nelson ex J. Darl. var. *uintahensis* N. H. Homgren & P. K. Holmgren - Holmgren02
- {*Mentzelia multiflora* (Nutt.) A. Gray var. *integra* M. E. Jones} - KTZ <AZ, NM, UT>
 [Mentzelia integra (M. E. Jones) Tidestr.] - HDH, esp., UTF
 [Nuttallia pterosperma (Eastw.) Greene] - W&W
- Mentzelia multiflora* (Nutt.) A. Gray var. *multiflora* - KTZ, E/W
 [Mentzelia multiflora (Nutt.) A. Gray] - GPF, HDH, UTF
 [Nuttallia multiflora (Nutt.) Greene] - SF!, W&W
- Mentzelia muda* (Pursh) Torr. & A. Gray
 [Mentzelia muda (Pursh) Torr. & A. Gray var. *muda*] - HDH, KTZ, E
 [Nuttallia muda (Pursh) Greene] - SFE, W&W
 [Mentzelia muda (Pursh) Torr. & A. Gray var. *strigata* (Osterh.) Harrington] - HDH, KTZ, E
- Mentzelia oligosperma* Nutt. ex Sims - Dom01, KTZ, W&W, E
 [Mentzelia oligosperma Nutt.] - GPF, HDH, SFE
- Mentzelia pterosperma* Eastw. - HDH, KTZ, UTF, W
 [Nuttallia pterosperma (Eastw.) Greene] - SFW, W&W
- Mentzelia pumila* Torr. & A. Gray - Dom01, GPF, HDH,
 [NS - we follow Dom01 and IMF is not recognizing varieties]
 [Mentzelia integrifolia (M.E. Jones) Tidestr.] - M&H
 [Mentzelia multiflora var. *integra* M.E. Jones] - KTZ, M&H
 [Nuttallia integrifolia (M.E. Jones) Rydb.] - M&H
 [Mentzelia pumila Torr. & A. Gray var. *integrifolia* M.E. Jones] - KWA, M&H, JM, not rep.
 [Mentzelia pumila Torr. & A. Gray var. *procera* (Woot. & Standl.) J. Darl.] - KWA, M&H
 [Mentzelia pumila Torr. & A. Gray var. *pumila*] - KTZ, Darlington34, UTF
 [Nuttallia springeri Standl.] - M&H
 [Nuttallia procera Woot. & Standl.] - M&H
 [Nuttallia pumila (Nutt.) Greene] - W&W, out of range
- Mentzelia reverchonii* (Urb. & Gilg) H. J. Thomsps. & Zavort. - GPF, KTZ, E
 [Nuttallia reverchonii (Urb. & Gilg) W. A. Weber] - SFE, W&W
- Mentzelia rhizomata* Reveal - Reveal
- Mentzelia rufescens* Wooton - Dom01, KTZ, UTF, E/W
 [Mentzelia rufescens (Wooton) Rydb.] - SF!, W&W
- Mentzelia sinuata* (Rydb.) R. J. Hill - Dom01, KTZ, E
 [Nuttallia sinuata (Rydb.) Daniels] - SFE, W&W
- Mentzelia speciosa* Osterh. - Dom01, KTZ, E
 [Mentzelia multiflora (Nutt.) A. Gray] - UTF
 [Nuttallia speciosa (Osterh.) Greene] - SFE, W&W
- Mentzelia thompsonii* Glad. - UTF, W
 [Acrolasia humiliis Osterh.] - SFW, W&W
 [Mentzelia humiliis (A. Gray) J. Darl.] - KTZ
- {*Mentzelia veatchiana* Kellogg} - KTZ <AZ>
 [Acrolasia veatchiana Kellogg] - W&W, misapp.
 [Mentzelia albicans Douglas ex Hook.]
 [Mentzelia albicans Douglas ex Hook. var. *veatchiana* (Kellogg) Urban & Gilg] - HDH

Nuttallia (see *Mentzelia*)

Lobeliaceae (see CAM)

Loranthaceae – (see SAN; family boundaries with SAN and VIS still unresolved)

Lythraceae - LYT

{Ammannia coccinea Rottb.} - GPF, HDH, IMF, KTZ, W&W, misapp.

Ammannia robusta Heer & Regel - Dom01, GPF, IMF, KTZ, SF!, W&W, E/W
[Ammannia coccinea Rottb. subsp. robusta (Heer & Regel) Kochne] - UTF

Lythrum alatum Pursh var. alatum - GPF, KTZ, E

[Lythrum alatum Pursh] - Dom01, HDH, SFE, W&W

*Lythrum salicaria L. - Dom01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W

Rotala ramosior (L.) Kochne - GPF, IMF, KTZ, SF!, W&W, E/W

[Rotala ramosior (L.) Kochne var. interior Fernald & Griseb.]

Malvaceae - MLV

(Identification sources: _____)

Abutilon incanum (Link) Sweet subsp. incanum - E

[Abutilon incanum (Link) Sweet] - GPF, HDH, KTZ, SFE, W&W

Abutilon parvulum A. Gray - GPF, HDH rep., KTZ, SFE, UTF, W&W, E

*Abutilon theophrasti Medic. - Dom01, GPF, HDH, exp.KTZ, SF!, UTF, W&W, E/W

*Alcea rosea L. - Doen01, FCF, KTZ, SFE, W&W[†], E

[Althaea rosea Cav.] - HDH, corr. & add., GPF

[Althaea rosea L.] - W&W

[Althaea rosea (L.) Cav.] - UTF

Althaea (see Alcea)

⊕Anoda cristata (L.) Schlehd. - GPF, KTZ, SFE, W&W, E

[WJ - collected once in onion field at CSU Experiment Station, Rocky Ford in 1966]

Callirhoe alcaeoides (Michx.) A. Gray - KWA, KTZ, M&H, JM, not rep.

[Sida alcaeoides Michx.] - M&H

Callirhoe involucrata (Torr. & A. Gray) A. Gray var. involucrata - KTZ, E

[Callirhoe involucrata (Nutt. ex Torr.) A. Gray] - Dom01

[Callirhoe involucrata (Torr. & A. Gray) A. Gray] - GPF, HDH

[Callirhoe involucrata (Nutt. ex Torr.) A. Gray var. involucrata]

[Callirhoe involucrata (Torr. & A. Gray) A. Gray] - SFE, W&W

Callirhoe involucrata (Torr. & A. Gray) A. Gray var. lineariloba (Torr. & A. Gray) A. Gray
- KTZ, Dom90

[Callirhoe involucrata (Torr. & A. Gray) A. Gray] - GPF

[Callirhoe involucrata (Nutt. ex Torr.) A. Gray var. lineariloba (Torr. & A. Gray) A. Gray]

*Hibiscus trionum L. - Doen01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Iliamna

[NS - Taxonomy follows revision of entire genus (Bodo Slotta01) based primarily on ITS but also morphology]

(Identification sources: _____)

- ◆ *Iliamna crandallii* (Rydb.) Wiggins - KTZ, SF1, W&W, Bodo Slotta01
 - [*Sphaeralcea crandallii* Rydb.] - Bodo Slotta01
 - [*Phymosia crandallii* (Rydb.) Rydb.] - Bodo Slotta01
- Iliamna grandiflora* (Rydb.) Wiggins - KTZ, SFW, W&W, E/W, Fryxell94, Bodo Slotta01
 - [*Iliamna angustata* Greene] - Bodo Slotta01
 - [*Phymosa grandiflora* (Rydb.) Rydb.] - Bodo Slotta01
 - [*Sphaeralcea grandiflora* Rydb.] - Bodo Slotta01
- Iliamna rivularis* (Douglas ex Hook.) Greene var. *rivularis* - KTZ, E/W
 - [*Iliamna rivularis* (Douglas) Greene] - HDH, SF1, UTF, W&W
 - [*Iliamna rivularis* (Douglas ex Hook.) Greene] - Dom01
- **Malva neglecta* Wallr. - Doen01, GPF, HDH, KTZ, SF1, UTF, W&W, E/W
- **Malva parviflora* L. - Dom01, GPF, HDH, KTZ, SFE, UTF, W&W, E
- **Malva pusilla* Sm. - Dom01
 - [*Malva rotundifolia* L.] - KTZ
- **Malva sylvestris* L. - Dom01
- **Malva verticillata* L. - Dom01, GPF, KTZ, E
 - [*Malva crispa* L.] - HDH
 - [*Malva crispa* (L.) L.] - SFE, W&W
 - [*Malva verticillata* L. var. *crispa* L.] - UTF

Malvella lepidota (A. Gray) Fryxell - W&W, err. rep., KTZ <AZ, NM>,
[Voucher of D. Clark & C. Crawford at COLO]

◆ *Malvella leprosa* (Ortega) Krapov. - GPF, KTZ, SFE, UTF, W&W, E
[*Sida hederacea* (Douglas) Torr.] - HDH

Malvella sagittifolia (A. Gray) Fryxell - GPF, KTZ, SFE, W&W, E
[W] - one collection, 1939, major disjunct from TX, likely a waif
[*Sida lepidota* A. Gray var. *sagittifolia* A. Gray] - HDH

Sida (see also **Malvella**)

Sida neomexicana A. Gray - FCF

[NS - otherwise reported for CO?; WJ - I know of no Colorado collections]

- Sidalcea candida* A. Gray var. *candida* - KTZ, UTF, E/W
 - [*Sidalcea candida* A. Gray] - Dom01, HDH, SF1, W&W
- Sidalcea candida* A. Gray var. *glaberrima* C. L. Hitchc. - KTZ, UTF, E/W
 - [*Sidalcea candida* A. Gray] - SF1, W&W
- Sidalcea neomexicana* A. Gray var. *neomexicana* - UTF, E/W
 - [*Sidalcea neomexicana* A. Gray] - Dom01, HDH, SF1, W&W
 - [*Sidalcea neomexicana* A. Gray subsp. *neomexicana*] - KTZ

Sphaeralcea

(Identification sources: _____)

Sphaeralcea angustifolia (Cav.) G. Don - KTZ, E

- [*Sphaeralcea angustifolia* (Cav.) G. Don var. *cuspisata* A. Gray] - GPF, HDH, SFE, W&W
Sphaeralcea coccinea (Nutt.) Rydb. - Dom01, SFE, UTF
 [Sphaeralcea coccinea (Nutt.) Rydb. subsp. *coccinea*] - KTZ
 [Sphaeralcea coccinea (Pursh) Rydb.] - GPF
 [Sphaeralcea coccinea (Pursh) Rydb. subsp. *coccinea*] - HDH, W&W
 [Sphaeralcea coccinea (Nutt.) Rydb. var. *coccinea*] - E/W
 [Sphaeralcea coccinea (Nutt.) Rydb. subsp. *dissecta* (Nutt.) Kearney] - SFW
 [Sphaeralcea coccinea (Pursh) Rydb. subsp. *dissecta* (Nutt.) Kearney] - HDH, W&W¹
 [Sphaeralcea coccinea (Nutt.) Rydb. subsp. *elata* (Baker f.) Kearney] - KTZ
 [Sphaeralcea coccinea (Pursh) Rydb. subsp. *elata* (Baker f.) Kearney] - HDH, W&W
 {*Sphaeralcea digitata* (Greene) Rydb.] - HDH, esp.
 [Sphaeralcea digitata (Greene) Rydb. subsp. *digitata*] - KTZ <AZ, NM, UT>
 [Sphaeralcea digitata (Greene) Rydb. subsp. *tenipes* (Wooton & Standl.) Kearney] - KTZ <NM>
Sphaeralcea fendleri A. Gray var. *elongata* Kearney - KWA, M&H, KTZ
 [Sphaeralcea fendleri A. Gray subsp. *elongata* Kearney] - KTZ
Sphaeralcea fendleri A. Gray var. *fendleri* - W
 [Sphaeralcea fendleri A. Gray] - GPF, HDH, SFW, W&W
 [Sphaeralcea fendleri A. Gray subsp. *fendleri*] - KTZ
Sphaeralcea grossularifolia (Hook. & Arn.) Rydb. var. *grossularifolia* - FCF
{*Sphaeralcea hastulata* A. Gray} - KTZ <AZ, NM>
 [Sphaeralcea *sabbiata* J. M. Coulter subsp. *connata* Kearney] - HDH, esp.
Sphaeralcea incana Torr. ex A. Gray var. *cuneata* (Kearney) Kearney - KWA, M&H, JM, not rep.
 [Sphaeralcea incana Torr. ex A. Gray subsp. *cuneata* Kearney] - KTZ
Sphaeralcea incana Torr. ex A. Gray var. *incana* - KWA, M&H, JM, not rep.
 [Sphaeralcea incana Torr. ex A. Gray subsp. *incana*] - KTZ <AZ, NM>
Sphaeralcea leptophylla (A. Gray) Rydb. - HDH, KTZ, SFW, UTF, W&W, W
Sphaeralcea munroana (Douglas ex Lindl.) Spach. ex A. Gray - Dom01
 [WI - intentionally introduced at CSU Picance Basin Oil Shale Study Site]
 [Sphaeralcea *munroana* (Douglas) Spach.] - HDH, esp., UTF
 [Sphaeralcea *munroana* (Douglas ex Lindl.) Spach. ex A. Gray subsp. *munroana*] - KTZ
 [Sphaeralcea *munroana* (Douglas ex Lindl.) Spach. ex A. Gray subsp. *subherboidea* (Rydb.) Kearney] - KTZ
Sphaeralcea parvifolia A. Nelson - HDH, KTZ, SFW, UTF, W&W, W

Martyniaceae - MAR

Martynia (see *Proboscidea*)

- Proboscidea louisianica* (Mill.) Thell. subsp. *louisianica* - KTZ, E/W
 [*Martynia louisianica* Mill.] - Dom01, HDH
 [*Proboscidea louisianica* (Mill.) Thell.] - GPF, IMF, SFT, UTF, W&W
Proboscidea parviflora (Woot.) Woot. & Standl. - KWA, M&H, KTZ, JM, not rep.
 [*Martynia parviflora* Woot.] - M&H

Melanthiaceae - MLN

(Identification sources: _____)

- Anticlea elegans* (Pursh) Rydb. - SF1, W&W, FNA, Zomlefer01, Zomlefer02, FNA
 [*Anticlea alpina* A. Heller] - FNA
 [*Anticlea chlorantha* (Richardson) Rydb.] - FNA
 [*Anticlea coloradensis* (Rydb.) Rydb.] - FNA

- [*Anticlea glauca* (Nuttall) Kunth] - FNA
- [*Anticlea gracilenta* (Greene) R. R. Gates] - FNA
- [*Anticlea longa* (Greene) A. Heller] - FNA
- [*Anticlea mohinorensis* (Greenman) R. R. Gates] - FNA
- [*Melanthium glaucum* Nutt.] - FNA
- [*Zigadenus alpinus* Blankinship] - FNA
- [*Zigadenus chloranthus* Richardson] - FNA
- [*Zigadenus coloradensis* Rydb.] - FNA
- [*Zigadenus dilatatus* Greene] - FNA
- [*Zigadenus elegans* Pursh] - Dom01, FNA, GPF, HDH, IMF, UTF, E/W
- [*Zigadenus elegans* Pursh subsp. *elegans*] - KTZ
- [*Zigadenus elegans* var. *glaucus* (Nutt.) Preece ex Cronquist] - FNA
- [*Zigadenus elegans* subsp. *glaucus* (Nutt.) Huhén] - FNA
- [*Zigadenus glaucus* (Nutt.) Nutt.] - FNA
- [*Zigadenus gracilenta* Greene] - FNA
- [*Zigadenus longas* Greene] - FNA
- [*Zigadenus mohinorensis* Greenman] - FNA
- [*Zigadenus washukie* A. Nelson] - FNA
- Anticlea virginata* Rydb. - Zomlefer01, Zomlefer02, SFW, W&W
- [*Zigadenus virginicus* (Rydb.) J. F. Macbr.] - FNA, KTZ, UTF, W
- [*Zigadenus elegans* Pursh] - IMP
- Anticlea virescens* (Kunth) Rydb.] - Zomlefer01, Zomlefer02, SF1, W&W[†]
- [*Anticlea mexicana* Kunth] - FNA
- [*Helonias virescens* Kunth in A. von Humboldt] - FNA
- [*Zigadenus porrifolius* Greene] - FNA
- [*Zigadenus virescens* (Kunth) J. F. Macbr.] - FNA, KTZ, E/W
- [*Zigadenus virescens* var. *porrifolius* (Greene) O. S. Walsh ex Espejo & López-Ferrari] - FNA

- Toxicoscordion paniculatum* (Nutt.) Rydb. - W&W, Zomlefer01, Zomlefer02, SFW
- [*Helonias paniculata* Nutall] - FNA
- [*Zigadenus paniculatus* (Nutt.) S. Watson] - Dom01, FNA, HDH, IMF, KTZ, UTF, W
- Toxicoscordion venenosum* (S. Watson) Rydb. "var. *gramineus*" (Rydb.) Brasher comb. nov.
ined.
- [*Toxicoscordion venenosum* (S. Watson) Rydb.] - SF1, W&W
- [*Toxicoscordion acutum* (Rydb.) Rydb.] - FNA
- [*Toxicoscordion falcatum* (Rydb.) Rydb.] - FNA
- [*Toxicoscordion intermedium* (Rydb.) Rydb.] - FNA
- [*Zigadenus acutus* Rydb.] - FNA
- [*Zigadenus falcatus* Rydb.] - FNA
- [*Zigadenus gramineus* Rydb.] - HDH
- [*Zigadenus intermedius* Rydb.] - FNA
- [*Zigadenus venenosus* S. Watson var. *gramineus* (Rydb.) Walsh ex M. Peck] - Dom01, FNA, GPF, IMF, KTZ, UTF, E/W

- Trillium ovatum* Pursh subsp. *ovatum* - FNA, KTZ, E/W
- [*Trillium ovatum* Pursh] - Dom01, HDH, SF1, W&W

- Veratrum californicum* T. Durand - Dom01, HDH, W&W, misapp., E/W
- [*Veratrum californicum* T. Durand var. *californicum*] - IMF, FNA
- [*Veratrum tenuipetalum* A. Heller] - KTZ, SF1, W&W

Menyanthaceae - MNY

- Menyanthes trifoliata* L. - Dom01, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

Mimosaceae (see FAB)

Molluginaceae - MOL

♦*Mollugo verticillata* L. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E

Monotropaceae (see ERI)

Moraceae - MOR (see also CAN)

♦*Macfaria pomifera* (Raf.) C. K. Schneid. - FNA, GPF, KTZ, SFE, exp., SFW, UTF, W&W, W

**Morus alba* L. - Dorn01, FNA, GPF, KTZ, SFI, UTF, W&W, E/W

Myrsinaceae - MRS (some formerly in PRM)

(Identification sources: _____)

**Anagallis arvensis* L. - GPF, HDH, exp., UTF

[*Anagallis arvensis* L. forma coerulea (Schreb.) Baumg.] - W&W¹

[*Anagallis arvensis* L. subsp. *formosa* (Mill.) Schinz & Thell.] - KTZ

Anagallis minima (L.) E. H. L. Krause - KTZ, SFE, W&W, E

[*Cestrumulus minima* L.] - HDH, exp., Dorn01

Glaux maritima L. - Dorn01, GPF, HDH, KTZ, SFI, UTF, E/W

[*Glaux maritima* L. var. *angustifolia* B. Boivin] - W&W

[*Glaux maritima* L. subsp. *obnusifolia* (Fernald) B. Boivin]

Lysimachia ciliata L. - Dorn01, GPF, HDH, KTZ, SFI, UTF, W&W, E/W

**Lysimachia nummularia* L. - GPF, KTZ, SFE, UTF, W&W, E

Lysimachia thyrsiflora L. - Dorn01, GPF, HDH, KTZ, UTF, E

[*Naumburgia thyrsiflora* (L.) Rchb.] - SFE, W&W

**Lysimachia vulgaris* L. - KTZ, SFE, W&W, E

Naumburgia (see *Lysimachia*)

Najadaceae (see also HDC, POT, RUP)

{*Najas flexilis* (Willd.) Rostk. & W. L. E. Schmidt} - FNA, HDH rep., KTZ <AZ, NE, UT>

♦*Najas guadalupensis* (Spreng.) Magnus subsp. *guadalupensis* - FNA, KTZ, E/W

[*Najas guadalupensis* (Spreng.) Magnus] - GPF, SFE, W&W

[*Najas guadalupensis* (Spreng.) Morong] - Dorn01, HDH, IMF, SFW, UTF

[*Najas guadalupensis* (Spreng.) Morong var. *guadalupensis*] - RMC

Nolinaceae (see RUS)

Nyctaginaceae - NYC

(Identification sources: _____)

Abronia elliptica A. Nelson - KTZ, SFW, W&W, Ackerfield08

[*Abronia fragrans* Nutt. ex Hook.] - UTM

[*Abronia fragrans* Nutt. ex Hook. var. *elliptica* (A. Nelson) Heimerl] - HDH

[*Abronia fragrans* Nutt. ex Hook. var. *elliptica* (A. Nelson) M. E. Jones] - Dom01, W

[*Abronia salsa* Rydb.] - HDH

Abronia fragrans Nutt. ex Hook. - Ackerfield08, GPF, KTZ, UTF, W&W

[*Abronia carletonii* J. M. Coulter & Fisher] - HDH, KTZ, SFE, W&W, E

[*Abronia fragrans* Nutt.] - SF?

[*Abronia fragrans* Nutt. ex Hook. var. *fragrans*] - Dom01, HDH, E/W

[*Abronia fragrans* Nutt. ex Hook. var. *glaucescens* A. Nels.] - HDH

Abronia glabratifolia Standl. - Ackerfield08

[*Abronia argillosa* S. L. Welsh & Goodrich] - KTZ, SFW, UTF, W&W, W

Abronia nana S. Watson var. *nana* - KTZ, UTF, W, Ackerfield08

[*Abronia nana* S. Watson] - SFW, W&W

Allionia choisyi Standl. - HDH, KTZ, SFE, W&W, E

Allionia incarnata L. - GPF, HDH, SFI, UTF, W&W, E/W

[*Allionia incarnata* L. var. *incarnata*] - KTZ

Mirabilis albida (Walter) Heimerl - GPF, KTZ, W&W

[*Mirabilis oblongifolia*] - KTZ, FCF

Mirabilis alipes (S. Watson) Pilz - KTZ, SFW, UTF, W&W, W

Mirabilis comata (Small) Standl. - HDH, KTZ, W

[*Oxybaphus comatus* (Small) Weatherby] - SFW, W&W

Mirabilis decipiens (Standl.) Standl. - HDH rep., KTZ

[*Mirabilis linearis* (Parsh) Heimerl var. *decipiens* (Standl.) S. L. Welsh] - UTF

[*Oxybaphus linearis* (Parsh) B. L. Rob.] - W&W

Mirabilis glabra (S. Watson) Standl. - GPF, HDH, exp., KTZ, E

[*Mirabilis carletonii* (Standl.) Standl.] - GPF, HDH

[*Oxybaphus carletonii* (Standl.) Weatherby] - SFE, W&W

[*Oxybaphus glaber* S. Watson] - SFE, W&W

Mirabilis hirsuta (Pursh) MacMill. - Dom01, GPF, HDH, KTZ, E

[*Oxybaphus hirsutus* (Pursh) Sweet] - SFE, W&W

Mirabilis linearis (Pursh) Heimerl - Dom01, GPF, HDH, KTZ, E/W

[*Mirabilis gausapoides* (Standl.) Standl.] - GPF

[*Mirabilis lanceolata* (Rydb.) Standl.] - HDH

[*Mirabilis linearis* (Parsh) Heimerl var. *linearis*] - UTF

[*Oxybaphus decumbens* (Nutt.) Sweet] - SFE, W&W

[*Oxybaphus exaltatus* (Standl.) Weatherby] - SFE, W&W

[*Oxybaphus linearis* (Parsh) B. L. Rob.] - SFE, W&W

Mirabilis melanotricha (Standl.) Spellm. - specimens at GREE

Mirabilis multiflora (Torr.) A. Gray var. *glandulosa* (Standl.) J. F. Macbr. - KTZ, W

[*Mirabilis glandulosa* (Standl.) W. A. Weber] - SFW, W&W

[*Mirabilis multiflora* (Torr.) A. Gray] - UTF

Mirabilis multiflora (Torr.) A. Gray var. *multiflora* - KTZ, E/W

[*Mirabilis multiflora* (Torr.) A. Gray] - HDH, SFI, UTF, W&W

Mirabilis nyctaginea (Michx.) MacMill. - Dom01, GPF, HDH, KTZ, UTF, E

[*Oxybaphus nyctagineus* (Michx.) Porter] - W&W

[*Oxybaphus nyctagineus* (Michx.) Porter & Coulter] - SFE

Mirabilis oxybaphoides (A. Gray) A. Gray - GPF, KTZ, UTF, W&W, E/W

[*Mirabilis oxybaphoides* A. Gray] - HDH, SF!

♦ *Mirabilis rotundifolia* (Greene) Standl. - ENDEMIC <CO>, HDH, KTZ, E

[*Oxybaphus rotundifolius* (Greene) Standl.] - SFE, W&W

Oxybaphus (see **Mirabilis**)

Tripterocalyx carneus (Greene) L. A. Galloway var. *woottonii* (Standl.) L. A. Galloway - KTZ, W&W, W

[*Triterocalyx carneus* (Greene) L. A. Galloway var. *woottonii* (Standl.) L. A. Galloway] - SFW, UTF, W&W!

[*Triterocalyx wootonii* Standl.] - HDH

Tripterocalyx micranthus (Teer.) Hook. - Dom01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Nymphaeaceae - NYM

Nuphar polysepala Engelm. - Doen01, FNA, E/W

[*Nuphar lutea* (L.) Sm. subsp. *polysepala* (Engelm.) E. O. Beal] - KTZ

[*Nuphar lutea* Sibth. & Sm. subsp. *polysepala* (Engelm.) E. O. Beal] - SF!, W&W

[*Nuphar polysepala* Engelm.] - HDH, UTF

♦ *Nymphaea odorata* Aitton var. *odorata*

[*Nymphaea odorata* Aitton] - GPF, UTF

[*Nymphaea odorata* Aitton subsp. *odorata*] - FNA, KTZ

[*Nymphaea odorata* Sol.] - W&W

Oleaceae - OLE

Forestiera pubescens Nutt. var. *pubescens* - KTZ, W

[*Forestiera neomexicana* A. Gray] - WI, HDH, IMF

[*Forestiera pubescens* Nutt.] - GPF, SFW, UTF, W&W

{ *Fraxinus americana* L. } - GPF, IMF, KTZ, UTF, W&W

{ WI - no evidence that it occurs out of cultivation }

{ *Fraxinus americana* L. } - HDH

Fraxinus anomala Torr. ex S. Watson - HDH, IMF, UTF, W&W, W

{ *Fraxinus anomala* Torr. } - SFW

{ *Fraxinus anomala* Torr. ex S. Watson var. *anomala* } - KTZ

♦ *Fraxinus pennsylvanica* Marshall - Dom01, GPF, HDH, IMF, KTZ, E

[*Fraxinus pennsylvanica* Marshall var. *lanceolata* Sarg.] - HDH

[*Fraxinus pennsylvanica* Marshall var. *lanceolata* (Berkh.) Sarg.] - SFE, UTF, W&W

* *Ligustrum vulgare* L. - GPF, IMF, KTZ<NE, UT>, UTF

[WI - cultivated and escaping]

Menodora scabra A. Gray - IMF, KTZ, UTF, E

[*Menodora scabra* (Engelm.) A. Gray] - HDH, SFE, W&W

* *Syringa vulgaris* L. - GPF, Hartman06, IMF, KTZ<KS, UT>, UTF

Onagraceae - ONA

[NS - Includes changes from Wagner97; primarily the merging of *Calylophus*, *Guava*, and *Stenosiphon* into *Oenothera*, and the splitting of *Camissonia* into several segregate genera.]

(Identification sources: _____)

Calylophus (see *Oenothera*)

{*Calylophus berlandieri* Spach subsp. *berlandieri*} - GPF, KTZ, E

[*Calylophus berlandieri* Spach] - SFE, W&W

{W} - presence in CO based on report by Towner (Ann. Mo. Bot. Gard. 64: 48-120 [1977]), who cited a collection of Brenckle at SMU (Brenckle 48724) 12 mi S of Trinidad. This is a species of the Texan plains and otherwise occurs no closer than Hartley Co., TX at ca. 3900 ft elevation. The cited locality 12 mi S of Trinidad (CO) would be near the summit of Raton Pass at 7000 ft. This site is out of range, habitat, and elevation. There is no evidence Brenckle ever collected in CO. The specimen probably was taken near Trinidad, TX, ca 50 mi SE of Dallas.

Camissonia (see also *Holmgrenia*, *Chylismia*, *Eremothera*, *Taraxia*)

{*Camissonia chamaenerioides* (A. Gray) P. H. Raven} - IMF, KTZ <AZ, NM, UT>, UTF

[*Oenothera chamaenerioides* A. Gray] - HDH, exp.

{*Camissonia multiflora* (S. Watson) P. H. Raven} - IMF, KTZ <AZ, UT>, UTF, W&W, out of range

[*Oenothera multiflora* S. Watson var. *multiflora*] - HDH

[*Oenothera multiflora* S. Watson var. *orientalis* Munz] - HDH

Camissonia parvula (Nutt. ex Torr. & A. Gray) P. H. Raven - Dom01, IMF, KTZ, W&W, W, Wagner07

[*Camissonia parvula* (Nutt.) P. H. Raven] - SFW, UTF

Chamerion angustifolium (L.) Holub var. *canescens* (A. W. Wood) N. H. Holmgren & P. K. Holmgren - Dom01, IMF, E/W

[*Chamerion angustifolium* (L.) Holub subsp. *circumvagum* (Mosquin) Kartesz] - KTZ

[*Chamerion danielsii* D. Löve] - SFW, W&W

[*Chamerion danielsii* (Daniels) D. Löve] - SFE

[*Epilobium angustifolium* L. subsp. *circumvagum* Mosquin] - GPF

[*Epilobium angustifolium* L. var. *canescens* A. W. Wood] - UTF

[*Epilobium angustifolium* L. var. *platyphyllum* (Daniels) Fernald - HDH

Chamerion latifolium (L.) Holub - Dom01, IMF, KTZ, Raven72, E/W

[*Chamerion subdetinatum* (Rydb.) A. Löve & D. Löve] - SFT, W&W

[*Epilobium latifolium* L.] - HDH, UTF

Chylismia eastwoodiae (Munz) W. L. Wagner & Hoch - Wagner07

[*Canissoidea eastwoodiae* (Munz) P. H. Raven - IMF, KTZ, SFW, UTF, W&W, W

[*Oenothera eastwoodiae* (Munz) P. H. Raven - KTZ]

[*Oenothera scopoidea* Nutt. ex Torr. & A. Gray var. *eastwoodiae* Munz] - HDH

Chylismia scapoidea (Torr. & A. Gray) Small subsp. *scapoidea* - Wagner07

[*Canissoidea scapoidea* (Torr. & A. Gray) P. H. Raven] - Dom01, SFW, W&W

[*Canissoidea scapoidea* (Nutt. ex Torr. & A. Gray) P. H. Raven subsp. *scapoidea*] - KTZ

[*Canissoidea scapoidea* (Torr. & A. Gray) P. H. Raven var. *scapoidea*] - IMF, UTF, W

[*Oenothera scopoidea* Nutt. ex Torr. & A. Gray var. *scapoidea*] - HDH

Chylismia walkeri (A. Nelson) - Wagner07

[*Canissoidea walkeri* (A. Nelson) P. H. Raven subsp. *walkeri*] - KTZ, W

[*Canissoidea walkeri* (A. Nelson) P. H. Raven] - IMF, SFW, UTF, W&W

Circaealpina L. var. *alpina* - Dom01

- [*Circaeaa alpina* L.] - HDH
 [*Circaeaa alpina* L. subsp. *alpina*] - GPF, KTZ, W&W, W&W¹, European
Circaeaa alpina L. var. *pacifica* (Asch. & Magnus) M. E. Jones - Dorn01, IMF, UTF, E/W
 [*Circaeaa alpina* L. subsp. *pacifica* (Asch. & Magnus) P. H. Raven] - KTZ, SF¹, W&W
 [*Circaeaa pacifica* Asch. & Magnus] - HDH

Epilobium

(Identification sources: _____)

Epilobium (see also **Chamerion**)

- Epilobium annagallidifolium Lam. - Dorn01, KTZ, SF¹, W&W, E/W
 [Epilobium alpinum L.] - HDH
 [Epilobium alpinum L. var. *alpinum*] - IMF, UTF
 Epilobium brachycarpum C. Presl - Dorn01, IMF, KTZ, SF¹, UTF, W&W, E/W
 [Epilobium punctulatum Nutt. ex Torr. & A. Gray] - GPF, HDH
 {Epilobium canum (Greene) P. H. Raven var. *garrettii* (A. Nelson) N. H. Holmgren & P. K. Holmgren} - IMF
 {Epilobium canum (Greene) P. H. Raven subsp. *garrettii* (A. Nelson) P. H. Raven} - KTZ
 {Zauschneria *garrettii* (A. Nelson)} - HDH, exp.
 {Zauschneria *latifolia* (Hook.) Greene var. *garrettii* (A. Nelson) Hilend} - UTF
 Epilobium ciliatum Raf. var. *ciliatum* - Dorn01, IMF, E/W
 [Epilobium *brevistylum* Barbev.] - HDH, W&W
 [Epilobium *ciliatum* Raf.] - HDH, exp., SF¹, UTF
 [Epilobium *ciliatum* Raf. subsp. *ciliatum*] - GPF, KTZ
 Epilobium *ciliatum* Raf. var. *glandulosum* (Lehm.) Dorn - Dorn01, IMF, E/W
 [Epilobium *adenocaulon* Haussk. var. *adenocaulon*] - HDH
 [Epilobium *adenocaulon* Haussk. var. *occidentale* Trel.] - HDH
 [Epilobium *ciliatum* Raf.] - SF¹
 [Epilobium *ciliatum* Raf. subsp. *glandulosum* (Lehm.) Hoch & P. H. Raven] - GPF, KTZ, W&W
 [Epilobium *glandulosum* Lehmann] - HDH, exp., UTF
 [Epilobium *occidentale* (Trel.) Rydb.]
 Epilobium *clavatum* Trel. - Dorn01, HDH, KTZ, SF¹, W&W, E/W
 [Epilobium *alpinum* L. var. *clavatum* (Trel.) C. L. Hitchc.] - IMF, UTF
 Epilobium *haleanum* Haussk. - Dorn01, GPF, HDH, IMF, KTZ, SF¹, UTF, W&W, E/W
 Epilobium *hormemannii* Reichenb. subsp. *hormemannii* - KTZ, E/W
 [Epilobium *hormemannii* Haussk.] - SF¹
 [Epilobium *hormemannii* Reichenb.] - Dorn01, GPF, HDH, SFE, W&W
 [Epilobium *hormemannii* Reichenb. var. *hormemannii*] - IMF, UTF
 Epilobium *lactiflorum* Haussk. - Dorn01, HDH, KTZ, SF¹, W&W, E/W
 [Epilobium *hormemannii* Reichenb. var. *lactiflorum* (Haussk.) D. Löve] - IMF, UTF
 Epilobium *leptocarpum* Haussk. - KTZ, SF¹, E/W
 [Epilobium *leptocarpum* Haussk. var. *macounii* Trel.] - W&W, HDH
 Epilobium *leptophyllum* Raf. - GPF, HDH, IMF, KTZ, SF¹, UTF, W&W, E/W
 [Epilobium *pilosum* L. var. *gracile* (Farw.) Dorn] - RMC
 {Epilobium *minutum* Lindl. ex Lehm.} - KTZ
 [Epilobium *minutum* Lindl. ex Hook.] - HDH, exp.
 [Epilobium *minutum* Lindl.] - IMF
 Epilobium *oregonense* Haussk. - Dorn01, IMF, KTZ
 Epilobium *palustre* L. var. *gracile* (Farw.) Dorn - Dorn01
 Epilobium *palustre* L. var. *palustre* - Dorn01, E
 [Epilobium *palustre* L.] - GPF, IMF, KTZ

[*Epilobium palustre* L. var. *grammatophyllum* Haussk.] - HDH, SFE, W&W
Epilobium pygmaeum (Spreng.) Hoch & Raven - Dom01

[*Beisdevalia glabella* (Nutt.) Walp.] - KTZ

[*Beisdevalia glabella* (Nutt.) var. *campestris* (Jepson) Jepson] - KTZ

[*Beisdevalia pygmaea* (Spreng.) Munz] - KTZ

[*Oenothera glabella* Nutt.] - KTZ

Epilobium saximontanum Haussk. - Dom01, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

Eremothera minor (A. Nelson) W. L. Wagner & Hoch - Wagner07

[*Camissonia minor* (A. Nelson) P. H. Raven] - Dom01, IMF, KTZ, SFW, UTF, W&W, W

[*Oenothera minor* (A. Nelson) Munz] - HDH, exp.

Gaura (see *Oenothera*)

Gayophytum decipiens F. H. Lewis & Szweyk. - Dom01, IMF, KTZ, SF1, rep., UTF, W&W
Gayophytum diffusum Torr. & A. Gray var. *strictipes* (Hook.) Dom - Dom01, IMF, E/W

[*Gayophytum diffusum* Torr. & A. Gray] - UTF

[*Gayophytum diffusum* Torr. & A. Gray subsp. *parviflorum* F. H. Lewis & Szweyk.] - GPF, KTZ, SF1, W&W

[*Gayophytum lasiospermum* Greene] - UTF

[*Gayophytum lasiospermum* Greene var. *lasiospermum*] - HDH, UTF

[*Gayophytum nuttallii* Torr. & A. Gray] - HDH

Gayophytum racemosum Torr. & A. Gray - Dom01, GPF, IMF, KTZ, SF1, UTF, W&W, E/W
[*Gayophytum helleri* Rydb. var. *glabrum* Munz] - HDH

[*Gayophytum racemosum* Torr. & A. Gray var. *racemosum*] - HDH

Gayophytum ramosissimum Torr. & A. Gray - Dom01, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

Holmgrenia andina (Nutt.) - Wagner07

[*Camissonia andina* (Nutt.) P. H. Raven] - Dom01, IMF, KTZ, SFW, UTF, W&W, W

[*Oenothera andina* Nutt. ex Torr. & A. Gray] - HDH, exp.

Oenothera (see also *Calylophus*, *Camissonia*)

(Identification sources: _____)

Oenothera acutissima W. L. Wagner - IMF, KTZ, SFW, W&W, W

[*Oenothera flava* (A. Nelson) Garrett var. *acutissima* (W. L. Wagner) S. L. Welsh] - UTF

Oenothera albicaulis Pursh - Dom01, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

Oenothera canescens Torr. & Frém. - GPF, HDH, KTZ, SFE, W&W, E

{*Oenothera cavernae* Munz} - IMF, KTZ <AZ, UT>, UTF; Wagner85, err. rep.

Oenothera cespitosa Nutt. var. *cespitosa* - Dom01, E/W

[*Oenothera cespitosa* Nutt. subsp. *cespitoso*] - GPF, SF1

[*Oenothera cespitosa* Nutt. ex Fraser subsp. *cespitoso*] - W&W

[*Oenothera cespitosa* Nutt. var. *cespiosa*] - IMF, UTF

[*Oenothera cespitosa* Nutt. ex Fraser var. *cespiosa*] - HDH, exp.

[*Oenothera cespitosa* Nutt. ex Fraser var. *montana* (Nutt.) Darand] - HDH

[*Oenothera cespitosa* Nutt. subsp. *cespitoso*] - KTZ

{*Oenothera cespitosa* Nutt. var. *crinita* (Rydb.) Munz}

[*Oenothera cespitosa* Nutt. var. *crinita* (Rydb.) Munz] - IMF, UTF

[*Oenothera cespitosa* Nutt. ex Fraser var. *jonesii* Munz] - HDH, exp.

[*Oenothera cespitosa* Nutt. subsp. *crinita* (Rydb.) Munz] - KTZ <AZ, UT>

- Oenothera cespitosa* Nutt. var. *macroglottis* (Rydb.) Cronquist - Dorn01, E/W
 [Oenothera cespitosa Nutt. subsp. *macroglottis* (Rydb.) W. L. Wagner] - SFE
 [Oenothera cespitosa Nutt. subsp. *macroglottis* (Rydb.) W. L. Wagner, Stockh., & W. M. Klein] - GPF, SFW
 [Oenothera cespitosa Nutt. var. *macroglottis* (Rydb.) Cronquist] - IMF, UTHF
 [Oenothera cespitosa Nutt. ex Fraser subsp. *macroglottis* (Rydb.) W. L. Wagner, Stockh. & W. M. Klein] - W&W
 [Oenothera cespitosa Nutt. subsp. *macroglottis* (Rydb.) W. L. Wagner] - KTZ
- Oenothera cespitosa* Nutt. var. *marginata* (Nutt. ex Hook. & Arn.) Munz - Dorn01, W
 [Oenothera cespitosa Nutt. var. *marginata* (Nutt.) Munz] - UTHF
 [Oenothera cespitosa Nutt. var. *marginata* (Nutt. ex Hook & Arn.) Munz] - IMF
 [Oenothera cespitosa Nutt. subsp. *marginata* (Nutt.) W. L. Wagner, Stockh., & W. M. Klein] - SFW
 [Oenothera cespitosa Nutt. ex Fraser subsp. *marginata* (Nutt.) W. L. Wagner, Stockh., & W. M. Klein] - W&W
 [Oenothera cespitosa Nutt. ex Fraser var. *eximia* (A. Gray) Munz] - HDH
 [Oenothera cespitosa Nutt. ex Fraser var. *marginata* (Nutt.) Munz] - HDH
 [Oenothera cespitosa Nutt. subsp. *marginata* (Nutt. ex Hook & Arn.) Munz] - KTZ
- Oenothera cespitosa* Nutt. var. *navajoensis* (W. L. Wagner, Stockh., & W. M. Klein) Cronquist - W
 [Oenothera cespitosa Nutt. var. *navajoensis* (W. L. Wagner, Stockh., & W. M. Klein) Cronquist] - IMF, UTHF
 [Oenothera cespitosa Nutt. subsp. *navajoensis* W. L. Wagner, Stockh., & W. M. Klein] - SF&W
 [Oenothera cespitosa Nutt. ex Fraser subsp. *navajoensis* W. L. Wagner, Stockh., & W. M. Klein] - W&W
 [Oenothera cespitosa Nutt. subsp. *navajoensis* W. L. Wagner, Stockh., & W. M. Klein] - KTZ
- Oenothera cinerea* (Woot. & Standley) W. L. Wagner & Hoch susp. *cinerea* - Wagner07
 [Gaura villosa Torr.] - SFE, W&W
 [Gaura villosa Torr. subsp. *villosa*] - GPF, KTZ
 [Gaura villosa Torr. var. *vilesa*] - HDH, E
- Oenothera cinerea* (Woot. & Standley) W. L. Wagner & Hoch susp. *parskii* - Wagner07
 [Gaura villosa Torr. subsp. *parskii* (Munz) P. H. Raven & Gregory] - KTZ
 [Gaura villosa Torr. var. *parskii* Munz] - KTZ
- Oenothera coloradoensis* Rydb. subsp. *coloradoensis* - Wagner07
 [Gaura neomexicana Wooton] - SFW
 [Gaura neomexicana Wooton subsp. *neomexicana*] - KTZ, SFW, W&W
 [Gaura neomexicana Wooton var. *neomexicana*] - HDH, W
- Oenothera coloradoensis* Rydb. subsp. *neomexicana* (Woot.) W. L. Wagner & Hoch - Wagner07
 [Gaura neomexicana Wooton] - SFW
 [Gaura neomexicana Wooton subsp. *coloradensis* (Rydb.) P. H. Raven & D. P. Greg.] - GPF, KTZ, SFE, W&W
 [Gaura neomexicana Wooton var. *coloradensis* (Rydb.) Munz] - Dom01, HDH, E
- Oenothera coronopifolia* Torr. & A. Gray - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
- Oenothera curtiflora* W. L. Wagner & Hoch - Wagner07
 [Gaura mollis E. James] - KTZ, SF!, W&W
 [Gaura parviflora Douglas] - GPF
 [Gaura parviflora Douglas ex Lehm.] - Dorn01, IMF, UTHF, W&W, E/W
 [Gaura parviflora Douglas ex Hook. var. *lachnoecarpa* Weatherby] - HDH
 [Gaura parviflora Douglas ex Hook. var. *parviflora*] - HDH
 [Gaura parviflora Douglas ex Hook. forma *glabra* Munz] - HDH
- Oenothera elata* Kunth var. *hirutissima* (A. Gray ex S. Watson) Cronquist - IMF, E/W
 [Oenothera elata Kunth] - UTHF
 [Oenothera elata Kunth subsp. *hirutissima* (A. Gray) W. Dietr. & W. L. Wagner] - SF!
 [Oenothera elata Kunth subsp. *hirutissima* (A. Gray ex S. Watson) W. Dietr.] - GPF, KTZ
 [Oenothera elata Kunth subsp. *hirutissima* (A. Gray ex S. Watson) W. Dietr. & W. L. Wagner] - W&W
 [Oenothera hookeri Torr. & A. Gray subsp. *angustifolia* (Gates) Munz] - HDH
 [Oenothera hookeri Torr. & A. Gray subsp. *hewitti* Cockerell] - HDH
 [Oenothera hookeri Torr. & A. Gray subsp. *hirutissima* (A. Gray) Munz] - HDH
- Oenothera engelmannii* (Small) Munz - KWA, M&H, KTZ, GPF, HDH

- [*Anogra engelmannii* (Small) Woot. & Standl.] - KWA, M&H, JM, not rep.
- Oenothera filiformis* (Small) W. L. Wagner & Hoch - Wagner07
 [*Gaura longiflora* Spach] - GPF, KTZ
 [*Gaura filiformis* Small] - KTZ
 [*Gaura pitcheri* (Torr. & A. Gray) Small] - KTZ
- Oenothera flava* (A. Nelson) Garrett - Dorn01, GPF, HDH, IMF, SFE, W&W, E/W
 [*Oenothera flava* (A. Nelson) Garrett subsp. *flava*] - KTZ
 [*Oenothera flava* (A. Nelson) Garrett var. *flava*] - UTF
 [*Oenothera flava* (A. Nelson) Manz] - SFW
- Oenothera glauca* W. L. Wagner & Hoch - Wagner07
 [*Stenosiphon linifolius* (Nutt. ex E. James) Heynh.] - KTZ, SFE, W&W¹, E
 [*Stenosiphon linifolium* (Nutt.) Britton] - HDH, exp.
 [*Stenosiphon linifolius* (Nutt.) Heynh.] - GPF, W&W
- Oenothera glazioviana* Micheli - PCF
 [*Oenothera erythrosepala* Benth.] - KTZ
- Oenothera grandis* (Britton) Smyth - GPF, KTZ, SFE, W&W, E
- ♦ *Oenothera harringtonii* W. L. Wagner - **ENDEMIC** <CO>, KTZ, E
 [*Oenothera harringtonii* W. L. Wagner, Stockh., & W. M. Klein] - GPF, SFE, W&W
- Oenothera hartwegii* (Benth.) P. H. Raven subsp. *fendleri* (A. Gray) Towner & P. H. Raven - Wagner07
 [*Calylophus hartwegii* (Benth.) P. H. Raven subsp. *fendleri* (A. Gray) Towner & P. H. Raven] - GPF, KTZ
Oenothera hartwegii (Benth.) P. H. Raven subsp. *pubescens* (A. Gray) Towner & P. H. Raven - Wagner07
 [*Calylophus hartwegii* (Benth.) P. H. Raven subsp. *pubescens* (A. Gray) Towner & P. H. Raven] - GPF,
 KTZ, W&W, E, SFE
 [*Oenothera greggii* A. Gray var. *lampasana* (Bockell.) Manz] - HDH
- Oenothera howardii* (A. Nelson) W. L. Wagner - Dorn01, GPF, IMF, KTZ, SFE, UTF, W&W, E
 [*Oenothera brachycarpa* A. Gray var. *wrightii* (A. Gray) Léveillé] - HDH, W&W
- † *Oenothera jamesii* Torr. & A. Gray] - GPF, HDH rep., KTZ <KS, OK>, W&W
- ♦ *Oenothera kleinii* W. L. Wagner & S. W. Mill.] - SFW, W&W, W
 [NS - To be reduced to synonymy of *Oenothera deltoides* Torr. & Frém. var. *deltoides* by
 W. L. Wagner (pers. comm., Nov. 2003)]
- Oenothera laciniata* Hill - KWA, KTZ
 [*Oenothera laciniata* Hill var. *mexicana* Small] - KWA, M&H
 [*Oenothera mexicana* Spach] - KWA, M&H
 [*Raimannia laciniata* (Hill) Rose] - KTZ
 [*Raimannia mexicana* (Spach) Woot. & Standl.] - KWA, M&H
- Oenothera latifolia* (Rydb.) Munz - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
 [*Oenothera pallida* Lindl. subsp. *pallida* var. *latifolia* Rydb.] - IMF
- Oenothera lavandulifolia* (Torr. & A. Gray) P. H. Raven - Wagner07
 [*Calylophus lavandulifolius* (Torr. & A. Gray) P. H. Raven] - Dorn01, KTZ, SFE, W&W, E/W
 [*Oenothera lavandulifolia* Torr. & A. Gray var. *glandulosa* Munz] - HDH
 [*Oenothera lavandulifolia* Torr. & A. Gray var. *lavandulifolia*] - HDH
- Oenothera longissima* Rydb. - HDH, IMF, KTZ, SFW, UTF, W&W, W
- Oenothera nuttallii* Sweet - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
- Oenothera pallida* Lindl. var. *pallida* - Dorn01, HDH, UTF, W
 [*Oenothera pallida* Lindl.] - SFW
 [*Oenothera pallida* Lindl. subsp. *pallida*] - KTZ, W&W
 [*Oenothera pallida* Lindl. subsp. *pallida* var. *pallida*] - IMF
- Oenothera pallida* Lindl. var. *runcinata* (Engelm.) Cronquist - E
 [*Oenothera pallida* Lindl. subsp. *pallida* var. *runcinata* (Engelm.) Cronq.] - IMF
 [*Oenothera pallida* Lindl. subsp. *runcinata* (Engelm.) Manz & W. Klein] - KTZ, SFE, W&W
 [*Oenothera pallida* Lindl. var. *pallida*] - UTF

- Oenothera pallida* Lindl. var. *trichocalyx* (Nutt.) Dorn - Dorn01, UTF, W
 [Oenothera pallida Lindl. subsp. *trichocalyx* (Nutt.) Munz & W. Klein] - IMF, KTZ, SFW
 [Oenothera pallida Lindl. subsp. *trichocalyx* (Nutt. ex Torr. & A. Gray) Munz & W. Klein] - W&W
 [Oenothera *trichocalyx* Nutt. ex Torr. & A. Gray] - HDH
- {*Oenothera primiveris* A. Gray} - HDH, exp.
 [Oenothera *primiveris* A. Gray subsp. *bifaria* (M. E. Jones) Munz] - KTZ <AZ, UT>
 [Oenothera *primiveris* A. Gray subsp. *primiveris*] - KTZ <AZ, NM>
- Oenothera pubescens* Willd. ex Sprengel - KWA, KTZ
 [Angera *amplexicaulis* (Woot. & Standl.) Tidestr.] - KWA, M&H
 [Oenothera *amplexicaulis* (Woot. & Standl.) Tidestr.] - M&H
 [Oenothera *laciniata* subsp. *pubescens* (Willd. ex Sprengel) Munz] - KWA, M&H, KTZ
 [Oenothera *laciniata* var. *pubescens* (Willd. ex Sprengel) Munz] - KWA, M&H, KTZ
- Oenothera rosea* L'Her. - KWA, M&H
 [Harmania *rosea* (Aiton) G. Don] - KWA, JM, KTZ
- Oenothera serrulata* Nutt. var. *serrulata* - HDH, Wagner07
 [*Calylophus australis* Towne & P. H. Raven] - KTZ
 [*Calylophus serrulatus* (Nutt.) P. H. Raven] - Dorn01, GPF, KTZ, SFE, W&W, E
 [Meriolix *oblongolata* Rydb.] - KTZ
 [Meriolix *serrulata* (Nutt.) Walp.] - KTZ
- Oenothera suffrutescens* (Ser.) W. L. Wagner & Hoch - Wagner07
 [*Gaura cocinea* (Nutt.) Parsh - Dorn01, EW
 [*Gaura cocinea* Pursh] - GPF, IMF, UTF
 [*Gaura cocinea* Nutt.] - SF?
 [*Gaura cocinea* Nutt. ex Pursh] - KTZ, W&W
 [*Gaura cocinea* Nutt. ex Pursh var. *coccinea*] - HDH
 [*Gaura cocinea* Nutt. ex Pursh var. *glabra* (Lehm.) Torr. & A. Gray] - HDH
 [*Gaura cocinea* Nutt. ex Pursh var. *parvifolia* (Torr.) Torr. & A. Gray] - HDH
- Oenothera villosa* Thunb. var. *strigosa* (Rydb.) Dorn - Dorn01, IMF, KTZ, E/W
 [*Oenothera biennis* L. var. *strigosa* Rydb.] - UTF
 [*Oenothera strigosa* (Rydb.) Mack. & Bush] - HDH
 [*Oenothera villosa* Thunb.] - SF?
 [*Oenothera villosa* Thunb. subsp. *strigosa* (Rydb.) W. Dietr. & P. H. Raven - GPF, KTZ, W&W
 [*Oenothera villosa* Thunb. subsp. *villosa*] - KTZ
- Oenothera villosa* Thunb. var. *villosa* - Dorn01, KTZ

Stenosiphon (see *Oenothera*)

- Taraxia breviflora* (Torr. & A. Gray) Nutt. ex Small - Wagner07
 [*Canissoina breviflora* (Torr. & A. Gray) P. H. Raven] - Dorn01, IMF, KTZ, SFE, UTF, W&W, E
 [*Oenothera contorta* Douglas ex Hook.] - HDH
- Taraxia subacaulis* (Pursh) Rydb. - Wagner07
 [*Canissoina subacaulis* (Pursh) P. H. Raven - Dorn01, IMF, KTZ, SPL, UTF, W&W, E/W
 [*Juncisca subacaulis* Pursh] - KTZ
 [*Oenothera heterantha* Nutt.] - HDH, KTZ
 [*Oenothera subacaulis* (Pursh) Garrett] - KTZ

Zauschneria (see *Epilobium*)

Orchidaceae - ORC (including Cypripediaceae)

(Identification sources: _____)

Amesia (see *Epipactis*)

Bifolium (see *Listera*)

Calypso bulbosa (L.) Oakes var. *americana* (R. Br.) Luer - FNA, GPF, E/W

[*Calypso americana* R. Br.] - FNA

[*Calypso bulbosa* (L.) Oakes] - Dom01, HDH, IMF, SF1, UTF, W&W

[*Calypso bulbosa* (L.) Oakes var. *americana* (R. Br. ex W. T. Aiton) Luer] - KTZ

Coeloglossum viride (L.) Hartm. - FNA

[*Coeloglossum viride* (L.) Hartm. var. *virescens* (Muhl. ex Willd.) Luer] - KTZ, E/W

[*Coeloglossum viride* (L.) Hartm. subsp. *bracteatum* (Muhl.) Hultén] - FNA, SF!

[*Coeloglossum viride* (L.) Hartm. subsp. *bracteatum* (Muhl. ex Willd.) Hultén] - W&W

[*Coeloglossum viride* (L.) Hartm. var. *islandicum* (Lindl.) M. Schulze] - FNA

[*Coeloglossum viride* (L.) Hartm. var. *virescens* (Muhl.) Luer] - Dom01, FNA

[*Dactylochila viridis* (L.) R. M Blatman, Pridgeon & M. W. Chase] - FNA

[*Habenaria bracteata* (Willd.) R. Br.] - FNA, HDH

[*Habenaria viridis* (L.) R. Br.] - FNA

[*Habenaria viridis* (L.) R. Br. subsp. *bracteata* (Muhl.) Clausen] - FNA

[*Habenaria viridis* (L.) R. Br. var. *bracteata* (Muhl.) A. Gray] - FNA, GPF

[*Habenaria viridis* (L.) R. Br. var. *bracteata* (Muhl.) Rehb. ex A. Gray] - UTF

[*Habenaria viridis* (L.) R. Br. var. *bracteata* (Muhl. ex Willd.) Rehb. ex A. Gray] - IMF

[*Habenaria viridis* (L.) R. Br. var. *interjecta* Fernald] - FNA

[*Satyrium viride* L.] - FNA

Corallorrhiza maculata (Raf.) Raf. - E/W

[*Corallorrhiza maculata* Raf.] - HDH, IMF, SF1, UTF, W&W

[*Corallorrhiza maculata* (Raf.) Raf.] - GPF

[*Corallorrhiza maculata* (Raf.) Raf. var. *maculata*] - Dom01, FNA, KTZ

[*Corallorrhiza maculata* (Raf.) Raf. var. *occidentalis* (Lindl.) Ames] - Dom01, FNA, KTZ

Corallorrhiza striata Lindl. - FNA, E/W

[*Corallorrhiza striata* Lindl.] - IMF, SF1, UTF, W&W

[*Corallorrhiza striata* Lindl. var. *ochroleuca* (Rydberg) Magrath] - GPF

[*Corallorrhiza striata* Lindl. var. *striata*] - Dom01, KTZ

[*Corallorrhiza striata* Lindl. var. *vredelandii* (Rydberg) L. O. Williams] - Dom01, GPF, HDH

Corallorrhiza trifida Chátel. - Dom01, FNA, KTZ, E/W

[*Corallorrhiza corallorrhiza* (L.) MacMillan] - FNA

[*Corallorrhiza corallorrhiza* (L.) MacMillan var. *coloradensis* Cockerell] - FNA

[*Corallorrhiza imata* R. Br.] - FNA

[*Corallorrhiza imata* var. *virescens* Farr] - FNA

[*Corallorrhiza trifida* (L.) Chátel.] - GPF, HDH, IMF, UTF, W&W

[*Corallorrhiza trifida* Chátel.] - SF!

[*Corallorrhiza trifida* Chátel. var. *verna* (Nutt.) Fernald] - FNA

[*Corallorrhiza verna* Nutt.] - FNA

Corallorrhiza wisteriana Conrad - Dom01, FNA, KTZ, E/W

[*Corallorrhiza hortensis* Sacken] - FNA

[*Corallorrhiza wisteriana* Conrad] - GPF, HDH, IMF, SF1, UTF, W&W

Cypripedium fasciculatum Kellogg ex S. Watson - Dom01, FNA, HDH, IMF, KTZ, W&W, E/W

[*Cypripedium fasciculatum* Kellogg] - SF!

[*Cypripedium knightiae* A. Nels.] - FNA

Cypripedium parviflorum Salisb. var. *pubescens* O. W. Knight - Dom01, FNA, E/W

[*Cypripedium calceolus* L.] - UTF

[*Cypripedium calceolus* L. subsp. *parviflorum* (Salisb.) Hultén] - SF!, W&W

- [*Cypripedium calceolus* L. var. *planipetala* (Fernald) Victorin & J. Rousseau] - FNA
- [*Cypripedium calceolus* L. var. *pubescens* (Willd.) Correll] - FNA, GPF, HDH, IMF
- [*Cypripedium flavescens* DC.] - FNA
- [*Cypripedium parviflorum* Salisb. var. *malacisin* (Farw.) Sheviak] - FNA, KTZ
- [*Cypripedium parviflorum* Salisb. var. *planipetala* Fernald] - FNA
- [*Cypripedium parviflorum* Salisb. var. *pubescens* (Willd.) O. W. Knight] - KTZ
- [*Cypripedium pubescens* Willd.] - FNA
- [*Cypripedium vaginatum* Cockerell, P. Barker & M. Barker] - FNA

Dactylorhiza (see *Coeloglossum*)

Diphryllum (see *Listera*)

Distomaea (see *Listera*)

Epipactis (see also *Listera*)

- Epipactis gigantea* Douglas ex Hook. - Dom01, FNA, GPF, HDH, IMF, KTZ, UTF, W&W, E/W
 - [*Amesia gigantea* (Douglas ex Hook.) A. Nelson & J.F. MacBride] - FNA
 - [*Epipactis gigantea* Douglas] - SF!
 - [*Helleborine gigantea* (Douglas ex Hook.) Druce] - FNA
- **Epipactis helleborine* L. - W&W[†], E
 - [W] - appeared spontaneously in flower beds in front yard on Table Mesa. No evidence of spreading]
 - [*Epipactis helleborine* (L.) Crantz] - KTZ, SFE
 - [*Epipactis latifolia* (L.) Allioni] - FNA
 - [*Serapias helleborine* L.] - FNA

- Goodyera oblongifolia* Raf. - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 - [*Goodyera decipiens* (Hook.) F. T. Hubbard] - FNA
 - [*Goodyera oblongifolia* var. *reticulata* B. Boivin] - FNA
 - [*Pteranum decipiens* (Hook.) Piper] - FNA

Goodyera repens (L.) R. Br. ex W. T. Aiton - KTZ, E/W

- [*Goodyera repens* (L.) R. Br. in W. Aiton and W. T. Aiton - FNA
- [*Goodyera repens* (L.) R. Br.] - GPF, HDH, W&W
- [*Goodyera repens* (L.) R. Br. subsp. *fides* (Fernald) A Löve & Simon] - SF!
- [*Goodyera repens* (L.) R. Br. var. *ophiolepis* Fernald] - FNA
- [*Pteranum ophioides* (Fernald) Rydb.] - FNA
- [*Satyrium repens* L.] - FNA

Gyrostachys (see *Spiranthes*)

Habenaria (see *Coeloglossum*, *Piperia*, *Platanthera*)

Helleborine (see *Epipactis*, *Listera*)

Ibidium (see *Spiranthes*)

Limnorchis (see *Platanthera*)

- Listera borealis* Morong - Dom01, FNA, HDH rep., IMF, KTZ, SF!, UTF, W&W, E/W
 - [*Neottia borealis* (Morong) Szlachetko] - FNA
 - [*Ophrys borealis* (Morong) Rydb.] - FNA
- Listera convallarioides* (Sw.) Elliot - FNA

- [*Bifolium convallarioides* (Sw.) Nieuwland] - FNA
- [*Diphylloides convallarioides* (Sw.) Kunze] - FNA
- [*Distomea ovata* (L.) Spener] - FNA
- [*Epipactis convallarioides* Sw.] - FNA
- [*Listera convallarioides* (Sw.) Nutt. ex Elliott] - Dom01, KTZ, E/W
- [*Listera convallarioides* Torr.] - SFW
- [*Listera convallarioides* (Sw.) Nutt.] - GPF, HDH, SFE, W&W
- [*Listera convallarioides* (Sw.) Torr.] - IMF, UTF
- [*Listera eschscholtziana* Chamisso] - FNA
- [*Ophrys convallarioides* (Sw.) W. Wight ex House] - FNA
- Listera cordata* (L.) R. Br. ex W. T. Aiton var. *nephrophylla* (Rydb.) Hultén - FNA, KTZ**
- [*Listera cordata* (L.) R. Br.] - Dom01, HDH, IMF, UTF, E/W
- [*Listera cordata* (L.) R. Br. subsp. *nephrophylla* (Rydb.) A. Löve & D. Löve] - SF1, W&W
- [*Listera nephrophylla* Rydb.] - FNA
- [*Neottia nephrophylla* (Rydb.) Srivastava] - FNA
- [*Ophrys nephrophylla* (Rydb.) Rydb.] - FNA

Lysiella (see **Platanthera**)

- Malaxis brachypoda** (A. Gray) Fernald - KTZ, E
- [*Malaxis monophyllos* (A. Gray) Sol. ex Sw. subsp. *brachypoda* (A. Gray) A. Löve & D. Löve] - W&W
- [*Malaxis monophyllos* (L.) Sol. subsp. *brachypoda* (A. Gray) A. Löve & D. Löve] - SFE, W&W
- [*Malaxis monophyllos* (L.) Sw. var. *brachypoda* (A. Gray) Morris & Eames] - HDH
- Malaxis porphyrea** (Ridley) Kuntze - Coleman02
- [NS — Ben Legler (pers. comm. 2009) recently collected this in Colfax Co., NM]
- [*Malaxis olrenbergii* (Reichenbach f.) Kuntze] - WJ
- Malaxis soulei** L. O. Williams - WJ
- [*Malaxis macrostachya* (Lecarza) Kuntze] - WJ; Coleman02
- [WJ — occurs in Colfax, Los Alamos, and Sandoval cos., NM]

Neottia (see **Listera**)

Ophrys (see **Listera**)

Orchis (see **Platanthera**)

Perarium (see **Goodyera**)

- Piperia unalascensis** (Spreng.) Rydb. - Dom01, GPF, KTZ, SF1, W&W, E/W
- [*Habenaria unalascensis* (Spreng.) S. Watson] - HDH, IMF, UTF

- Platanthera aquilonis** Sheviak - FNA, Sheviak99, E/W
- [*Habenaria hyperborea* (L.) R. Br.] - GPF, HDH, IMF, UTF
- [*Limnorchis hyperborea* (L.) Rydb.] - SF1, W&W
- [*Platanthera gracilis* Lindl.] - KTZ
- [*Platanthera harenonis* (Nutt.) Lindl.] - KTZ
- [*Platanthera hyperborea* (L.) Lindl. var. *gracilis* (Lindl.) Luer] - RMC
- [*Platanthera hyperborea* (L.) Lindl. var. *hyperborea*] - KTZ

- Platanthera dilatata** (Pursh) Lindl. ex L. C. Beck var. *albiflora* (Cham.) Ledeb. - Dom01, KTZ, E/W
- [*Habenaria dilatata* (Pursh) Hook.] - FNA, HDH
- [*Habenaria dilatata* (Pursh) Hook. var. *albiflora* (Cham.) Correll] - GPF, IMF, UTF
- [*Limnorchis dilatata* (Pursh) Rydb. subsp. *albiflora* (Cham.) A. Löve & Simon] - SF1, W&W

- [*Orchis dilatata* Parsh] - FNA
- Platanthera dilatata* (Parsh) Lindl. ex L. C. Beck var. *dilatata* - Dorn01, FNA, KTZ
[*Habenaria dilatata* (Parsh) Hook. var. *dilatata*] - GPF, IMF, UTF <CO>
- Platanthera X estesii* Schrenk - KTZ
[*Platathera dilata X P. stricta*] - KTZ
- Platanthera huronensis* (Nutt.) Lindley - Dorn01, FNA
[*Orchis huronensis* Nutt.] - FNA
[*Habenaria hyperborea* (L.) R. Br. var. *huronensis*] - FNA
[*Habenaria X media* (Rydb.) Niles] - FNA
[*Linrorchis media* Rydb.] - FNA
[*Platathera hyperborea* (L.) Lindley var. *huronensis* (Nutt.) Luer] - FNA
[*Platathera X media* (Rydb.) Luer] - FNA
- Platanthera obtusata* (Banks ex Pursh) Lindl. - Dorn01, FNA, KTZ, E/W
[*Habenaria obtusata* (Banks) Richards] - UTF
[*Habenaria obtusata* (Banks ex Pursh) Richards] - FNA, HDH, IMF
[*Habenaria obtusata* var. *collectanea* Fernald] - FNA
[*Lysicella obtusata* (Banks ex Pursh) Britton & Rydb.] - W&W
[*Lysicella obtusata* (Banks) Britton & Rydb.] - SF
[*Orchis obtusata* Banks ex Pursh] - FNA
- Platanthera purpurascens* (Rydb.) Sheviak & W. F. Jenn. - Dorn01, FNA, KTZ, Sheviak97, E/W
[*Habenaria saccata* Greene] - GPF, HDH, IMF, UTF
[*Linrorchis stricta* (Lindl.) Rydb.] - SFE, W&W
[*Linrorchis purpurascens* Rydb.] - FNA
[*Platanthera hyperborea* (L.) Lindley var. *purpurascens* (Rydb.) Luer] - FNA
[*Platanthera stricta* Lindl.] - KTZ
[*Platanthera saccata* (Greene) Hulten] - FCF
- Platanthera sparsiflora* (S. Watson) Schltr. var. *ensifolia* (Rydb.) Luer - KTZ, E/W
[*Linrorchis ensifolia* Rydb.] - SFI, W&W
- Platanthera sparsiflora* (S. Watson) Schltr. - FNA
[*Habenaria sparsiflora* S. Watson var. *laxiflora* (Rydb.) Correll] - FNA, IMF, UTF
[*Habenaria sparsiflora* S. Watson] - FNA < HDH, rep.
[*Habenaria sparsiflora* S. Watson var. *sparsiflora*] - IMF, UTF
[*Linrorchis laxiflora* Rydb.] - FNA
[*Linrorchis sparsiflora* (S. Watson) Rydb.] - W&W, misapp.
[*Platanthera sparsiflora* (S. Watson) var. *ensifolia* (Rydb.) Luer - FNA
[*Platanthera sparsiflora* (S. Watson) Schltr. var. *sparsiflora*] - KTZ < AZ, NM, UT>
- Platanthera zothecina* (L., C. Higgins & S. L. Welsh) Kartesz & Gandhi - FNA, KTZ, W
[*Habenaria zothecina* L., C. Higgins & S. L. Welsh] - FNA, UTF
[*Linrorchis zothecina* (L., C. Higgins & S. L. Welsh) W. A. Weber] - SFW, W&W
- Satyrium (see *Ceologglossum*, *Goodyera*)**
- {*Spiranthes cernua* (L.) Rich.] - GPF, HDH, exp., IMF, KTZ <KS, NE, OK>
Spiranthes diluvialis Sheviak - Dorn01, FNA, KTZ, SFI, W&W, E/W
[*Spiranthes romanzoffiana* Cham. var. *diluvialis* (Sheviak) S. L. Welsh] - FNA, UTF
Spiranthes magnicamporum Sheviak - FNA, GPF, KTZ <KS, NE, NM, OK>
{*Spiranthes porrifolia* Lindl.] - HDH rep., KTZ, W&W, misapp.
[*Spiranthes romanzoffiana* Cham. var. *porrifolia* (Lindl.) Ames & Correll] - IMF (UT and w.)
- Spiranthes romanzoffiana* Cham. - Dorn01, FNA, GPF, KTZ, SFE, W&W, E/W
[*Gynostachys stricta* Rydb.] - FNA
[*Bidium strictum* (Rydb.) House] - FNA
[*Spiranthes stricta* (Rydb.) A. Nels.] - FNA
[*Spiranthes romanzoffiana* Cham. & Schl. - HDH, SFW
[*Spiranthes romanzoffiana* Cham. var. *romanzoffiana*] - IMF, UTF

{*Spiranthes vernalis* Engelm. & A. Gray} - GPF, KTZ <KS, NE, OK>
[WJ - based on a Fendler specimen from e. Kansas]
{*Spiranthes vernalis* Engelm.} - HDH, exp.

Orobanchaceae - ORO

(Identification sources: _____)

{*Agalinis aspera* (Douglas ex Benth.) Britton} - WJ, GPF, exp., KTZ <KS, NE, OK>, W&W
[*Gerardia aspera* Douglas ex Benth.] - HDH, exp.
Agalinis tenuifolia (Vahl) Raf. var. *parviflora* (Nutt.) Pennell - Dorn01, GPF, KTZ, E
[*Agalinis tenuifolia* (Vahl) Raf.] - SFE, W&W
[*Gerardia tenuifolia* Vahl] - HDH

Aphyllon (see **Orobanche**)

Castilleja

[NS - comments incorporated from Mark Egger [WTU], pers. comm. 2007]

(Identification sources: _____)

Castilleja angustifolia (Nutt.) G. Don var. *angustifolia* - Dorn01, KTZ
[*Castilleja angustifolia* (Nutt.) G. Don var. *headbarri* (Nutt.) Fern.] - KTZ
Castilleja angustifolia (Nutt.) G. Don var. *dubia* A. Nelson - Dorn01, E/W
[*Castilleja angustifolia* (Nutt.) G. Don var. *flavescens* (Pennell ex Edwin. N. Holmgren] - Egger, pers. comm.
[*Castilleja flavescens* Pennell] - Egger, pers. comm.
Castilleja chromosa A. Nelson - GPF, HDH, IMF, SF!, W&W, Egger pers. comm.
Castilleja flava S. Watson var. *flava* - IMF, KTZ, UTF, E/W
[*Castilleja flava* S. Watson] - Dorn01, GPF, HDH, SF!, W&W
Castilleja haydenii (A. Gray) Cockerell - HDH, KTZ, SF!, W&W, E/W
Castilleja integrifolia A. Gray - GPF, HDH, KTZ, E/W, SF!, IMF, W&W
Castilleja linariifolia Benth. - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
[*Castilleja linariifolia* Benth.] - HDH
Castilleja lineata Greene - HDH, KTZ, SF!, W&W, E/W
Castilleja miniata Douglas ex Hook. var. *miniata* - E/W
[*Castilleja miniata* Douglas] - HDH, SF!
[*Castilleja miniata* Douglas ex Hook.] - Dorn01, GPF, IMF, UTF, W&W
[*Castilleja miniata* Douglas ex Hook. subsp. *miniata*] - KTZ
Castilleja minor (A. Gray) A. Gray var. *minor*
[*Castilleja minor* (A. Gray) A. Gray] - W
Castilleja minor (A. Gray) A. Gray var. "ined." M. Egger, comb. nov. - Egger, pers. comm.
[*Castilleja ecilis* A. Nels.] - Dorn01, GPF, IMF, UTF
[*Castilleja minor* A. Gray] - HDH, SF!, W&W
[*Castilleja minor* A. Gray subsp. *minor*] - KTZ
Castilleja occidentalis Torr. - HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Castilleja pallescens (Gray) Greenm. var. *pallescens* - KTZ
[*Castilleja pallescens* (Gray) Greenm.] - Dorn01
Castilleja puberula Rydb. - HDH, KTZ, SF!, W&W, E/W
Castilleja rhexifolia Rydb. - Dorn01, HDH, IMF, KTZ, SF!, W&W, E/W
[*Castilleja rhexifolia* Rydb. var. *rhexifolia*] - UTF
Castilleja scabrida Eastw. var. *scabrida* - IMF, KTZ, UTF, W

- [*Castilleja lineata* Greene] - HDH
 [*Castilleja scabrida* Eastw.] - SFW, W&W
- Castilleja sessiliflora* Pursh - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
- Castilleja septentrionalis* Lindl. - HDH, W&W, Egger, pers. comm.
 [*Castilleja rhinoceros* Rydb. var. *sulphurea* (Rydb.) Atwood] - UTF
 [*Castilleja sulphurea* Rydb.] - Dorn01, GPF, IMF, KTZ, SF1, W&W, E/W, Egger, pers. comm.
- Conopholis alpina* Liebm. var. *mexicana* (A. Gray ex S. Watson) Haynes - KTZ, W&W, E
 [*Conopholis alpina* Liebm. var. *mexicana* (A. Gray) Haynes] - SFE
- {*Cordylanthus kingii* S. Watson subsp. *densiflorus* Chuang & Heckard}
 [WJ - Specimens known from UT within 18 mi of CO (Rio Blanco Co.) and to be expected in CO]
 {*Cordylanthus kingii* S. Watson} - HDH, W&W, misid.
 [*Cordylanthus kingii* S. Watson subsp. *kingii*] - KTZ <UT>, UTF
 [*Cordylanthus kingii* S. Watson var. *kingii*] - IMF
- Cordylanthus ramosus* Nutt. ex Benth. - Dorn01, HDH, IMF, KTZ, UTF, E/W
 [*Cordylanthus ramosus* Nutt.] - SF1, W&W
- Cordylanthus wrightii* A. Gray subsp. *wrightii* - KTZ, W
 [*Cordylanthus wrightii* A. Gray] - HDH, IMF, SFW, UTF, W&W
- Orobanche cooperi* (A. Gray) A. Heller subsp. *cooperi* - KWA, KTZ
 [*Orobanche luteoviridis* Nutt. var. *cooperi* (A. Gray) G. Beck] - KWA, M&H, HDH, IMF
 [*Orobanche luteoviridis* Nutt. var. *latiloba* Manz] - KWA
 [*Aphyllon cooperi* Gray] - KTZ
 [*Myosrhiza cooperi* (Gray) Rydb.]) - KTZ
- Orobanche fasciculata* Nutt. - Dom01, GPF, IMF, KTZ, UTF, E/W
 [*Aphyllon fasciculatum* (Nutt.) Torr. & A. Gray] - SF1, W&W
 [*Orobanche fasciculata* Nutt. var. *fasciculata*] - HDH
 [*Orobanche fasciculata* Nutt. var. *linea* (Parry) Achey] - HDH, rep.
- Orobanche ludoviciana* Nutt. var. *ludoviciana* - Dom01, HDH, IMF, E
 [WJ - I fail to see the difference between the typical variety and var. *arenosa*]
 [*Orobanche ludoviciana* Nutt.] - GPF, SFE, W&W
 [*Orobanche ludoviciana* Nutt. var. *arenosa* (Saksd.) Cronquist] - UTF
 [*Orobanche ludoviciana* Nutt. subsp. *ludoviciana*] - KTZ
 [*Orobanche multiflora* Nutt. var. *arenosa* (Saksd.) Manz] - HDH, W&W
- Orobanche ludoviciana* Nutt. var. *multiflora* (Nutt.) Beck - E/W
 [WJ - if present in Colorado, then along New Mexico line, both slopes]
 [*Orobanche ludoviciana* Nutt. subsp. *multiflora* (Nutt.) Collom] - KTZ
 [*Orobanche multiflora* Nutt.] - GPF, SF1, UTF
 [*Orobanche multiflora* Nutt. var. *multiflora*] - HDH, W&W
- Orobanche uniflora* L. var. *occidentalis* (Greene) Roy L. Taylor & MacBryde - Dorn01, IMF, E/W
 [*Aphyllon uniflorum* (L.) Torr. & A. Gray] - SF1, W&W
 [*Orobanche uniflora* L.] - GPF, KTZ, UTF
 [*Orobanche uniflora* L. var. *sedi* (Saksd.) Achey] - HDH
- Orthocarpus luteus* Nutt. - Dorn01, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
- Orthocarpus purpureoalbus* A. Gray ex S. Watson - KTZ, E/W
 [*Orthocarpus purpureoalbus* A. Gray] - SF1, W&W
 [*Orthocarpus purpureo-albus* A. Gray] - HDH, UTF
 [*Orthocarpus purpureo-albus* A. Gray ex S. Watson] - IMF, W&W

(Identification sources: _____)

Pedicularis bracteosa Benth. var. paysoniana (Pennell) Cronquist - Dorn01, IMF, KTZ, E/W

[*Pedicularis bracteosa* Benth. subsp. *paysoniana* (Pennell) W. A. Weber - SF!, W&W

[*Pedicularis paysoniana* Pennell] - HDH

{*Pedicularis canadensis* L. var. *canadensis*} - GPF

[*Pedicularis canadensis* L.] - HDH

[*Pedicularis canadensis* L. subsp. *canadensis*] - KTZ<KS, NE, NM, OK>, W&W²

♦ Pedicularis canadensis L. var. *fluvialis* (A. Heller) Machr. - **ENDEMIC** <CO>, GPF, E

[*Pedicularis canadensis* L. subsp. *fluvialis* (A. Heller) W. A. Weber] - KTZ, SFE, W&W

Pedicularis centranthera A. Gray - HDH, IMF, KTZ, SFW, UTF, W&W, W

Pedicularis crenulata Benth. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Pedicularis groenlandica Retz. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[*Pedicularis groenlandica* Retz. subsp. *surfacta* (Benth.) Piper] - KTZ

Pedicularis parryi A. Gray var. *mogollonica* (Greene) Dom - E/W

[*Pedicularis parryi* A. Gray] - SF!

[*Pedicularis parryi* A. Gray subsp. *mogollonica* (Greene) G. D. Carr] - KTZ, W&W

[*Pedicularis parryi* A. Gray var. *parryi*] - IMF

Pedicularis parryi A. Gray var. *parryi* - Dorn01, IMF, UTF, E/W

[*Pedicularis parryi* A. Gray] - HDH, SF!

[*Pedicularis parryi* A. Gray subsp. *parryi*] - KTZ, W&W

Pedicularis procera A. Gray - Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W

[*Pedicularis grayi* A. Nelson] - HDH

Pedicularis racemosa Douglas ex Benth. var. *alba* (Pennell) Cronquist - Dorn01, IMF, UTF, E/W

[*Pedicularis racemosa* Douglas ex Hook.] - HDH

[*Pedicularis racemosa* Douglas subsp. *alba* Pennell] - SF!

[*Pedicularis racemosa* Douglas ex Benth. subsp. *alba* Pennell] - HDH, KTZ

[*Pedicularis racemosa* Douglas ex Hook. subsp. *alba* Pennell] - W&W

Pedicularis sudetica Willd. subsp. *scopulorum* (A. Gray) Hultén - KTZ, E/W

[*Pedicularis scopulorum* A. Gray] - HDH, SF!, W&W

Oxalidaceae - OXL

Oxalis albicans Kunth subsp. *albicans* - KTZ

Oxalis corniculata L. - WY checklist, M&H, KTZ

[*Acetosella corniculata* (L.) Kuntze] - KTZ

[*Oxalis albicans* HBK] - KWA

[*Oxalis corniculata* L. var. *atropurpurea* Planch.] - KTZ

[*Oxalis corniculata* L. var. *langloisii* (Small) Wieg.] - KTZ

[*Oxalis corniculata* L. var. *lapulina* (R. Knuth) Zugg.] - KTZ

[*Oxalis corniculata* L. var. *macrophylla* Arsenie ex R. Knuth] - KTZ

[*Oxalis corniculata* L. var. *minor* Laing] - KTZ

[*Oxalis corniculata* L. var. *leptana* Laing] - KTZ

[*Oxalis corniculata* L. var. *villosa* (Bieb.) Hohen.] - KTZ

[*Oxalis corniculata* L. var. *viscidula* Wieg.] - KTZ

[*Oxalis langloisii* (Small) Fedde] - KTZ

[*Oxalis pusilla* Salis.] - KTZ

[*Oxalis repens* Thunb.] - KTZ

[*Oxalis villosa* Bieb.] - KTZ

[*Oxalis wrightii* Gray] - KWA

[*Xanthosoma albicans* (HBK) Small] - KWA

[*Xanthosoma corniculata* (L.) Small] - KTZ

- [*Xanthosalis corniculata* var. *atropurpurea* (Planch.) Moldenke] - KTZ
 [*Xanthosalis langloisi* Small] - KTZ
 [*Xanthosalis repens* (Thunb.) Moldenke] - KTZ
 [*Xanthosalis wrightii* (Gray) Abrahams] - KWA
- Oxalis dillenii* Jacq.- Dorn01, GPF, IMF, KTZ, SF!, UTF, W&W
 [*Oxalis dillenii* Jacq. subsp. *dillenii*] - E/W
- ♦*Oxalis stricta* L. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W
 [*Oxalis europaea* Jordan var. *bushii* (Small) Wiegand] - HDH
 [*Oxalis europaea* Jordan var. *europaea*] - HDH
- Oxalis violacea* L. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

Paeoniaceae - PAE

{*Paeonia brownii* Douglas ex Hook.] - HDH, exp., KTZ <UT, WY>, UTF

Papaveraceae - PAP (including Fumariaceae)

(Identification sources: _____)

- Argemone corymbosa* Greene - RM (*Lyon* 5048; Mesa County, CO)
Argemone hispida A. Gray - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
 [*Argemone platyceras* Link & Otto var. *hispida* (A. Gray) Prain] - HDH
 [*Argemone platyceras* Link & Otto var. *platyceras*] - HDH
 {*Argemone mexicana* L.] - HDH rep., FNA, GPF, W&W[†], misapp.
Argemone polyanthemos (Fedde) G. B. Ownbey - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
 [*Argemone intermedia* Sweet] - HDH
Argemone squarrosa Greene var. *squarrosa* - E
 [*Argemone squamosa* Greene] - GPF, SFE, W&W
 [*Argemone squamosa* Greene subsp. *squarrosa*] - FNA, KTZ

- Corydalis aurea* Willd. var. *aurea* - Dorn01, HDH, E/W
 [*Corydalis aurea* Willd.] - KTZ, SF!, UTF, W&W[†]
 [*Corydalis aurea* Willd. subsp. *aurea*] - FNA, GPF, W&W
Corydalis aurea Willd. var. *occidentalis* Engelm. ex A. Gray - Dorn01, E/W
 [*Corydalis aurea* Willd. subsp. *occidentalis* (Engelm.) G. B. Ownbey] - GPF
 [*Corydalis aurea* Willd. subsp. *occidentalis* (Engelm. ex A. Gray) G. B. Ownbey] - FNA
 [*Corydalis aurea* Willd. var. *occidentalis* Engelm.] - HDH
 [*Corydalis curvisiliqua* Engelm. subsp. *occidentalis* (Engelm.) W. A. Weber] - SF!
 [*Corydalis curvisiliqua* Engelm. subsp. *occidentalis* (Engelm. ex A. Gray) W. A. Weber] - KTZ, W&W
Corydalis caseana A. Gray subsp. *brandegeei* (S. Watson) G. B. Ownbey - FNA, HDH, KTZ,
 SF!, W&W, E/W
 {*Corydalis curvisiliqua* Engelm. var. *grandibracteata* Fedde]
 [*Corydalis curvisiliqua* Engelm. subsp. *grandibracteata* (Fedde) G. B. Ownbey] - GPF, KTZ err. attribution to
 W&W
 [*Corydalis curvisiliqua* (A. Gray) A. Gray subsp. *grandibracteata* (Fedde) G. B. Ownbey] - FNA

{*Dicentra uniflora* Kellogg] - FNA, KTZ, SFW, UTF, W&W, W
 (WJ - no vouchers from Colorado; reported from three sites by M. L. Peterson in Garfield and Mesa cos. All
 searches of these sites have been fruitless]

♦*Eschscholzia californica* Cham. subsp. *californica* - FNA, KTZ, E/W

[*Eschscholzia californica* Cham.] - Dom01, HDH, SFL, UTF, W&W

**Fumaria officinalis* L. - Dom01, FNA, HDH, exp., UTF, W&W, misapp.

[*Fumaria officinalis* L. subsp. *officinalis*] - KTZ <UT, WY>

[*Fumaria officinalis* L. subsp. *wirtgenii* (W. D. J. Koch) Arcang.] - KTZ <NE, WY>

**Fumaria vaillantii* Loisel. - FNA, KTZ, SFE, W&W, E

[*Fumaria vaillantii* Loisel.] - GPF [misspelled]

**Glaucium corniculatum* (L.) Rudolph - FNA, GPF, KTZ, SFE, W&W¹, E
[WJ - one specimen from near Boulder, not persisting]

**Glaucium flavum* Crantz - FNA, KTZ, SFE, W&W, E
[WJ - from yard in Boulder, not known outside cultivation]

**Papaver orientale* L. - FNA, KTZ, SFE, UTF, W&W, E

**Papaver nudicaule* L. - FNA, E/W

[*Papaver nudicaule* L., cultivar of above] - FNA, KTZ, SFL, W&W

[*Papaver pygmaeum* Rydb.]

[WJ - endemic to Montana, British Columbia, and Alberta [fide FNA] so the name is misapplied to our material]

Papaver radicatum Rottb. subsp. *kuananensis* (D. Löve) D. F. Murray - FNA, KTZ, E/W

[*Papaver kuanense* D. Löve] - SFL, W&W

[*Papaver lapponicum* (Tolm.) Nordh. subsp. *occidentale* (Lindstr.) Knaben] - RMC

[*Papaver nudicaule* L. var. *radicatum* (Rottb.) DC.] - HDH, W&W¹, misid.

[*Papaver pygmaeum* Rydb.] - W&W¹

[*Papaver radicatum* Rottb. var. *pygmaeum* (Rydb.) S. L. Welsh] - UTF

**Papaver somniferum* L. - Dom01

[*Papaver somniferum* var. *seigerum* auct. non (DC.) Corb.] - KTZ

Parmassiaceae - PAR

Parmassia fimbriata König var. *fimbriata* - KTZ, UTF, E/W

[*Parmassia fimbriata* König] - Dom01, HDH, IMF, W&W

[*Parmassia fimbriata* Banks] - SF!

Parmassia kotzebuei Cham. ex Spreng. - Dom01, IMF, KTZ

[*Parmassia kotzebuei* Cham.] - SF!

[*Parmassia kotzebuei* Cham. & Schlecht.] - W&W¹

[*Parmassia kotzebuei* Cham. & Spreng.] - W&W

[*Parmassia kotzebuei* Cham. ex Spreng. var. *kotzebuei*] - E/W

Parmassia palustris L. var. *montanensis* (Fernald & Rydb. ex Rydb.) C. L. Hitchc. - Dom01, KTZ, E/W

[*Parmassia palustris* L. var. *montanensis* (Fernald & Rydb.) C. L. Hitchc.] - UTF

[*Parmassia palustris* L. var. *palustris*] - IMF

[*Parmassia palustris* L. var. *parviflora* (DC.) B. Boivin] - IMF, KTZ <WY>

[*Parmassia parviflora* DC.] - GPF, HDH, KTZ <WY>, SFL, W&W

Pedaliaceae (see MAR)

Peganaceae - PEG

**Peganum harmala* L.

[NS - reportedly weedy now in Colorado by KHD]

Phrymaceae - PHR (formerly in SCR)

Mimulus

(Identification sources: _____)

Mimulus breweri (Greene) Coville - Dom01, IMF, KTZ, SF!, UTF, W&W, E/W

Mimulus eastwoodiae Rydb. - HDH, exp., IMF, KTZ, SFW, UTF, W&W, W

Mimulus floribundus Lindl. - Dorn01, KTZ, E/W

[*Mimulus floribundus* Douglas] - HDH, SF!, W&W

[*Mimulus floribundus* Douglas ex Lindl.] - GPF, IMF, UTF

[*Mimulus floribundus* Lindl. var. *floribundus*] - RMC

◆ *Mimulus gemmiparus* W. A. Weber - **ENDEMIC** <CO>, KTZ, SF!, W&W, E/W

Mimulus glaberrimus Kunth var. *glaberrimus* - KTZ, E/W

[*Mimulus glaberrimus* Kunth] - SF!

[*Mimulus glaberrimus* Kunth subsp. *utahensis* Pennell] - IMF, UTF

[*Mimulus glaberrimus* Kunth var. *utahensis* Pennell] - HDH, W&W

Mimulus glaberrimus Kunth var. *jamesii* (Torr. & A. Gray ex Benth.) A. Gray - Dorn01, KTZ, E/W

[*Mimulus fremontii* (Benth.) A. Gray] - KTZ

[*Mimulus glaberrimus* Kunth] - SF!

[*Mimulus glaberrimus* Kunth subsp. *fremontii* (Benth.) A. L. Grant] - IMF

[*Mimulus glaberrimus* Kunth subsp. *fremontii* (Benth.) Pennell] - UTF

[*Mimulus glaberrimus* Kunth var. *fremontii* (Benth.) A. L. Grant] - HDH, W&W, GPF

Mimulus guttatus DC. - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W

[NS - nearly 70 synonyms recognized in KTZ]

[*Mimulus guttatus* DC. var. *guttatus*] - E/W

Mimulus lewisii Pursh - Dom01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Mimulus moschatus Douglas ex Lindl. var. *moschatus* - Dom01, KTZ, E/W

[*Mimulus moschatus* Douglas] - HDH, SF!, W&W

[*Mimulus moschatus* Douglas ex Lindl.] - IMF, UTF

Mimulus nanus Hook. & Arn. subsp. *nanus* - KTZ

[*Mimulus nanus* Hook. & Arn.] - HDH, exp., IMF

Mimulus ringens L. var. *ringens* - KTZ

[*Mimulus ringens* L.] - GPF, HDH, IMF, W&W

Mimulus rubellus A. Gray - Dom01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Mimulus suksdorffii A. Gray - Dom01

[NS - cited but not recognized or incorrectly recognized previously in HDH, IMF, KTZ <AZ, NM, UT, WY>, UTF, W&W, misapp.]

Mimulus tilingii Regel var. *tilingii* - KTZ, E/W

[*Mimulus tilingii* Regel] - IMF, SF!, UTF, W&W

[*Mimulus guttatus* DC.] - HDH

Phyllanthaceae - PLL (formerly in EUP)

Reverchonia arenaria A. Gray - GPF, IMF, KTZ, UTF, W&W¹

Plantaginaceae - PTG (including much of former Serophulariaceae)

(Identification sources: _____)

- Bacopa rotundifolia* (Michx.) Wettst. - Dorn01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
- Besseya alpina* (A. Gray) Rydb. - Dom01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Besseya arizonica* Pennell - KTZ, KWA, M&H
[*Synthyris agilis* Gray] - M&H
- Besseya plantaginea* (E. James) Rydb. - Dom01, HDH, KTZ, E/W
[*Besseya plantaginea* (Benth.) Rydb.] - SF!, W&W
- ♦ *Besseya ritteriana* (Eastw.) Rydb. - **ENDEMIC <CO>**, HDH, KTZ, SFW, W&W, W,
Hufford04
[*Synthyris ritteriana* Eastw.] - KTZ
- Besseya wyomingensis* (A. Nelson) Rydb. - Dom01, GPF, IMF, KTZ, SFE, UTF, W&W, E
[*Besseya cineraria* (Raf.) Pennell] - HDH
- **Chaenorhinum minus* (L.) Lange - GPF, KTZ, SFE, W&W, E
- Chionophila jamesii* Benth. - Dorn01, HDH, KTZ, SF!, W&W, E/W
- Collinsia parviflora* Lindl. - Dorn01, KTZ, SF!, E/W
[*Collomia parviflora* Douglas] - HDH, UTF, W&W
[*Collomia parviflora* Douglas ex Lindl.] - GPF, IMF
- **Cymbalaria muralis* P. Gaertn., B. Mey. & Scherb. - GPF, KTZ <UT>, W&W¹
- **Digitalis purpurea* L. var. *purpurea* - KTZ, E
[*Digitalis purpurea* L.] - Dom01, SFE, UTF, W&W
- Gerardia* (see *Agalinis*)
- Gratiola neglecta* Torr. - Doen01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
[*Gratiola neglecta* Torr. var. *neglecta*] - E/W
- Leiostemon* (see *Penstemon*)
- Limosella aquatica* L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Linaria canadensis* (L.) Dum. Cours. var. *canadensis* - Dorn01, GPF, IMF
[*Linaria canadensis* (L.) Dum. Cours.] - HDH, exp., UTF
[*Nuttallanthus canadensis* (L.) D. A. Sutton] - KTZ <KS, OK>
- Linaria canadensis* (L.) Dum. Cours. var. *texana* (Scheele) Pennell - GPF, IMF, W&W, E
[*Linaria canadensis* (L.) Dum. Cours.] - UTF
[*Linaria canadensis* Dum. Cours. var. *texana* (Scheele) Pennell] - SFE, W&W¹
[*Linaria texana* Scheele] - HDH
[*Nuttallanthus texanus* (Scheele) D. A. Sutton] - KTZ
- **Linaria dalmatica* (L.) Mill. subsp. *dalmatica* - KTZ, E/W
[*Linaria dalmatica* (L.) Mill.] - Dom01, GPF, IMF, UTF
[*Linaria dalmatica* (L.) Mill. var. *macedonica* Fenzl] - HDH
[*Linaria genistifolia* (L.) Mill. subsp. *dalmatica* (L.) Maire et al.] - SF!, W&W
- **Linaria vulgaris* Mill. - Dom01, HDH, KTZ, SF!, W&W, E/W
[*Linaria vulgaris* Hill.] - GPF, IMF, UTF

Lindernia dubia (L.) Pennell var. *anagallidoides* (Michx.) Cooperr. - KTZ, SFE, W&W, E
[*Lindernia anagallidoides* (Michx.) Pennell] - HDH
[*Lindernia dubia* (L.) Pennell] - GPF, IMF

Maurandya antirrhiniflora Humb. & Bonpl. ex Willd. - M&H, KWA
[*Antirrhinum antirrhiniflora* (Humb. & Bonpl. ex Willd.) Hitchcock] - KWA
[*Antirrhinum maurandoides* Gray] - KTZ
[*Asarina antirrhiniflora* (Humb. & Bonpl. ex Willd.) Pennell] - KTZ
[*Maurandella antirrhiniflora* (Humb. & Bonpl. ex Willd.) Tothmaler - KWA, KTZ
Maurandya wislizenii Engelm. ex Gray - KWA, M&H
[*Antirrhinum wislizenii* (Engelm. ex Gray) Tidestrom] - KTZ
[*Asarina wislizenii* (Engelm. ex Gray) Pennell] - KTZ
[*Epixiphium wislizenii* (Engelm. ex Gray) Manz] - KTZ

Nuttallanthus (see *Linaria*)

Penstemon

(Identification sources: _____)

Penstemon acaulis L., Williams - **ENDEMIC <WY>**, Dorn01

Penstemon albidus Nutt. - Dom01, GPF, HDH, KTZ, SFE, W&W, E

Penstemon ambiguus Torr. - HDH, E

[*Leiostemon ambiguus* (Torr.) Greene] - SFE, W&W

[*Penstemon ambiguus* Torr. var. *ambiguus*] - GPF, IMF

[*Penstemon ambiguus* Torr. var. *laevissimus* (D. D. Keck) N. H. Holmgren] - IMF, GPF, KTZ, UTF

Penstemon angustifolius Nutt. ex Pursh var. *angustifolius* - Dorn01, GPF, KTZ, W&W, E

[*Penstemon angustifolius* Nutt.] - SFE

[*Penstemon angustifolius* Nutt. ex Pursh subsp. *angustifolius*] - HDH, W&W¹

[*Penstemon angustifolius* Pursh var. *angustifolius*] - IMF, UTF

Penstemon angustifolius Nutt. ex Pursh var. *caudatus* (A. Heller) Rydb. - Dom01, GPF, KTZ, E

[*Penstemon angustifolius* Nutt. subsp. *caudatus* (A. Heller) D. D. Keck] - SFE

[*Penstemon angustifolius* Nutt. ex Pursh subsp. *caudatus* (A. Heller) D. D. Keck] - HDH, W&W¹

[*Penstemon angustifolius* Pursh var. *caudatus* (A. Heller) Rydb.] - IMF, UTF

[*Penstemon angustifolius* Nutt. ex Pursh var. *angustifolius*] - W&W

Penstemon angustifolius Nutt. ex Pursh var. *venosus* (D. D. Keck) N. H. Holmgren - KTZ, WJ

[*Penstemon angustifolius* Pursh var. *venosus* (D. D. Keck) N. H. Holmgren] - IMF, UTF

Penstemon angustifolius Nutt. ex Pursh var. *vermalensis* N. H. Holmgren - KTZ, W&W, W

[*Penstemon angustifolius* Nutt. var. *vermalensis* N. H. Holmgren] - SWF, W&W¹

[*Penstemon angustifolius* Pursh var. *vermalensis* N. H. Holmgren] - IMF, UTF

Penstemon arnicola A. Nelson - Dorn01, HDH, IMF, KTZ, SFW, UTF, W&W, W

Penstemon aridus Rydb. - Dorn01

Penstemon auriberbis Pennell - GPF, HDH, KTZ, SFE, W&W, E

Penstemon barbatus (Cav.) Roth var. *barbatus* - IMF, UTF

[*Chelone barbata* Cav.] - M&H

[*Penstemon barbatus* (Cav.) Roth subsp. *barbatus*] - KWA, HDH, esp., KTZ, W&W

Penstemon barbatus (Cav.) Roth var. *torreysi* (Benth.) A. Gray - IMF, UTF, E/W

[*Penstemon barbatus* (Cav.) Roth subsp. *torreyi* (Benth.) D. D. Keck] - HDH, KTZ, W&W¹

[*Penstemon barbatus* (Cav.) Roth subsp. *torreyi* (Benth.) D. D. Keck] - W&W

[*Penstemon barbatus* (Cav.) Roth var. *torreyi* (Benth.) D. D. Keck] - SF

Penstemon barbatus (Cav.) Roth var. *trichander* A. Gray - IMF, UTF, W

- [*Penstemon barbatus* (Cav.) Roth subsp. *trichander* (A. Gray) D. D. Keck] - HDH, KTZ
 [*Penstemon barbatus* (Cav.) Roth var. *trichander* (A. Gray) D. D. Keck] - SFW
 [*Penstemon barbatus* Torr. subsp. *trichander* (A. Gray) D. D. Keck] - W&W
- Penstemon brandegeei* (Porter) Porter ex Rydb. - WJ, W&W¹, E/W
 [*Penstemon alpinus* Torr. subsp. *brandegeei* (Porter) Penland] - HDH
 [*Penstemon brandegeei* Porter] - SF!
 [*Penstemon glaber* Pursh var. *brandegeei* (Porter) C. C. Freeman] - KTZ
 [*Penstemon glaber* Pursh var. *brandegeei* (Porter ex Rydb.) C. C. Freeman] - GPF
 [*Penstemon glaber* Pursh var. *brandegeei* (Porter ex Rydb.) Umber & Latsky, unpubl.] - W&W
- Penstemon bridgesii* A. Gray - HDH, SFW, W&W, W
 [*Penstemon rostriflorus* Kellogg] - IMF, KTZ, UTF, W&W¹
- Penstemon buckleyi* Pennell - GPF, HDH, KTZ, SFE, W&W, E
- Penstemon caespitosus* Nutt. ex A. Gray var. *caespitosus* - IMF, KTZ, UTF, E/W
 [*Penstemon caespitosus* Nutt.] - Dom01, SF!
 [*Penstemon caespitosus* Nutt. ex A. Gray] - HDH, W&W
- Penstemon caespitosus* Nutt. ex A. Gray var. *perbrevis* (Pennell) N. H. Holmgren - Dom01, IMF,
 KTZ, UTF
- ◆ *Penstemon cobaea* Nutt. - GPF, HDH, KTZ, SFE, W&W, E
 [WJ - a waif]
- Penstemon coeruleostratus* A. Gray - HDH, IMF, KTZ, SFW, W&W, W
- Penstemon crandallii* A. Nelson subsp. *atratus* D. D. Keck - KTZ, W&W, E/W
 [*Penstemon caespitosus* Nutt. ex A. Gray] - SF!, W&W¹
 [*Penstemon crandallii* A. Nelson var. *atratus* (D. D. Keck) N. H. Holmgren] - IMF, UTF
- Penstemon crandallii* A. Nelson subsp. *crandallii* - HDH, KTZ, W&W, E/W
 [*Penstemon caespitosus* Nutt. ex A. Gray] - SF!, W&W¹
 [*Penstemon crandallii* A. Nelson] - WJ
 [*Penstemon crandallii* A. Nelson var. *crandallii*] - IMF, UTF
 [*Penstemon teucrioides* Greene] - HDH, IMF, KTZ, W&W
- Penstemon crandallii* A. Nelson subsp. *glabrescens* (Pennell) D. D. Keck - HDH, KTZ, E/W
 [*Penstemon caespitosus* Nutt. ex A. Gray] - SF!, W&W¹
 [*Penstemon crandallii* A. Nelson subsp. *crandallii*] - W&W
 [*Penstemon glabrescens* Pennell] - WJ
- Penstemon crandallii* A. Nelson subsp. *procumbens* (Greene) D. D. Keck - HDH, KTZ, E/W
 [*Penstemon caespitosus* Nutt. ex A. Gray] - SF!, W&W¹
 [*Penstemon crandallii* A. Nelson subsp. *crandallii*] - W&W
 [*Penstemon procumbens* Greene] - WJ
- Penstemon cyaneus* Penn. - KTZ
- Penstemon cyanocaulis* Payson - HDH, IMF, KTZ, SFW, UTF, W&W, W
- Penstemon cyathophorus* Rydb. - Dom01, HDH, IMF, KTZ, SF!, W&W, E/W
- ◆ *Penstemon debilis* O'Kane & J. L. Anderson - ENDEMIC <CO>, KTZ, SFW, W&W, W
- ◆ *Penstemon degeneri* Crosswhite - ENDEMIC <CO>, KTZ, SFE, W&W, E
- Penstemon eatonii* A. Gray var. *eatonii* - IMF, SFW, UTF, W
 [*Penstemon eatonii* A. Gray subsp. *eatonii*] - HDH, KTZ, W&W
- Penstemon eatonii* A. Gray var. *undosus* M. E. Jones - IMF, UTF, W
 [*Penstemon eatonii* A. Gray subsp. *undosus* (M. E. Jones) D. D. Keck] - HDH, KTZ, W&W
 [*Penstemon eatonii* A. Gray var. *undosus* (M. E. Jones) D. D. Keck] - SFW
- Penstemon erianthus* Pursh var. *cleburnei* (M. E. Jones) Dom - Dom01
 [*Penstemon cleburnei* M. E. Jones] - KTZ
- Penstemon erianthus* Pursh var. *erianthus* - Dom01, GPF, IMF, KTZ, E
 [*Penstemon erianthus* Pursh] - HDH, SFE, W&W
- {*Penstemon fendleri* A. Gray} - FCF, SFW, W&W¹, W
 [WJ - Not present in CO; specimen referenced by W&W is *P. lenticas*]

- [*Penstemon fendleri* Torr. & A. Gray] - GPF, KTZ <AZ, KS, NM, OK>
Penstemon fremontii Torr. & A. Gray ex A. Gray var. *fremontii* - KTZ, RM, W
 [P_{enstemon} *fremontii* Torr. & A. Gray] - Dorn01, HDH, IMF, SFW, UTF
 [P_{enstemon} *fremontii* Torr. & A. Gray var. *fremontii*] - W&W
- ◆ *Penstemon fremontii* Torr. & A. Gray var. *glabrescens* Dorn & Lichvar
 - **ENDEMIC** <CO>, KTZ, W
 [P_{enstemon} *fremontii* Torr. & A. Gray var. *glabrescens* Dorn & Lichvar] - SFW, W&W
- Penstemon gibbensii* Dorn - Dorn01, KTZ, UTF, W&W
Penstemon glaber Pursh var. *alpinus* (Torr.) A. Gray - Dorn01, Hartman06, GPF, KTZ, E/W
 [P_{enstemon} *alpinus* Torr. forma *alpinus*] - HDH
 [P_{enstemon} *alpinus* Torr. forma *riparius* (A. Nels.) Pennell] - HDH
 [P_{enstemon} *glaber* Pursh] - SF!
 [P_{enstemon} *glaber* Pursh var. *glaber*] - W&W
- Penstemon glaber* Pursh var. *glaber* - Dorn01, GPF, KTZ, W&W, E/W
 [P_{enstemon} *alpinus* Torr. subsp. *magnus* (Pennell) Penland] - HDH
 [P_{enstemon} *glaber* Pursh] - SF!, HDH, exp.
- Penstemon gracilis* Nutt. - Dorn01, GPF, HDH, SFE, W&W, E
 [P_{enstemon} *gracilis* Nutt. var. *gracilis*] - KTZ
- Penstemon grahamii* D. D. Keck - IMF, KTZ, SFW, UTF, W
 [P_{enstemon} *grahamii* D. D. Keck ex E. H. Graham] - W&W
- Penstemon grandiflorus* Nutt. - Dorn01, GPF, HDH, KTZ, SFE, W&W, E
- Penstemon griffithii* A. Nelson - KTZ, SFE, W&W, E
 [P_{enstemon} *oliganthus* Wooton & Standl.] - HDH
- ◆ *Penstemon hallii* A. Gray - **ENDEMIC** <CO>, HDH, KTZ, SF!, W&W, E/W
- ◆ *Penstemon harbourii* A. Gray - **ENDEMIC** <CO>, HDH, KTZ, SF!, W&W, E/W
- ◆ *Penstemon harringtonii* Penland - **ENDEMIC** <CO>, IMF, KTZ, SFW, W&W, W
- Penstemon haydenii* S. Wats. - Dorn01
- Penstemon humilis* Nutt. ex A. Gray var. *humilis* - IMF, UTF, W
 [P_{enstemon} *humilis* Nutt.] - SFW
 [P_{enstemon} *humilis* Nutt. ex A. Gray] - Dorn01, HDH, W&W
 [P_{enstemon} *humilis* Nutt. ex A. Gray subsp. *humilis*] - KTZ
- Penstemon jamesii* Benth. - GPF, IMF, KTZ, SFE, W&W, E
 [P_{enstemon} *jamesii* Benth. subsp. *jamesii*] - HDH
- Penstemon laricifolius* Hook. & Arn. var. *exilifolius* (A. Nelson) Payson - Dorn01, E
 [P_{enstemon} *laricifolius* Hook. & Arn.] - IMF
 [P_{enstemon} *laricifolius* Hook. & Arn. subsp. *exilifolius* (A. Nelson) D. D. Keck] - HDH, KTZ, SFE, W&W
- Penstemon laricifolius* Hook. & Arn. var. *laricifolius* - Dorn01
 [P_{enstemon} *laricifolius* Hook & Arn. subsp. *laricifolius*] - KTZ
- Penstemon latus* Pennell var. *latus* - IMF, KTZ, UTF
 [P_{enstemon} *latus* Pennell] - HDH, W&W
- Penstemon linarioides* A. Gray subsp. *coloradoensis* (A. Nelson) D. D. Keck - HDH, IMF, KTZ, E/W
 [P_{enstemon} *linarioides* A. Gray] - W&W
 [P_{enstemon} *linarioides* A. Gray subsp. *coloradoensis* (A. Nelson) D. D. Keck] - SF!
 [P_{enstemon} *linarioides* A. Gray var. *viridis* D. D. Keck] - HDH
- {*Penstemon linarioides* A. Gray subsp. *linarioides*} - HDH, IMF, KTZ
 [P_{enstemon} *linarioides* A. Gray] - W&W
- ◆ *Penstemon mensarum* Pennell - **ENDEMIC** <CO>, HDH, KTZ, SFW, W&W, W
 [P_{enstemon} *gratus* Umber & Moerman, unpubl.] - W&W
- Penstemon moffatii* Eastw. - IMF, SFW, UTF, W&W, W
 [P_{enstemon} *moffatii* Eastw. subsp. *moffatii*] - HDH, KTZ
 [P_{enstemon} *moffatii* Eastw. subsp. *paxtonii* (Pennell) D. D. Keck] - HDH, KTZ

- Penstemon nitidus* Dougl. ex Benth. var. *nitidus* - Dorn01, KTZ
Penstemon ophianthus Pennell - IMF, KTZ, SFW, UTF, W&W, W
 [*Penstemon brevicalyx* (D. D. Keck) Nisbet & R. C. Jackson] - IMF, KTZ, SFW, UTF, W&W
 [*Penstemon jamesii* Benth. subsp. *ophianthus* (Pennell) D. D. Keck] - HDH
 [*Penstemon parviflorus* Pennell] - HDH, KTZ, SFW, W&W
Penstemon osterhoutii Pennell - HDH, IMF, KTZ, W&W, W
 [*Penstemon osterhoutii* Pennell] - SFW
Penstemon pachyphyllus A. Gray ex Rydb. var. *mucronatus* (N. H. Holmgren) Neese - Dorn01, KTZ, UTF, W&W, W
 [*Penstemon pachyphyllus* A. Gray var. *macronatus* (N. H. Holmgren) Neese] - SFW
 [*Penstemon macronatus* N. H. Holmgren] - IMF, KTZ
{ *Penstemon pachyphyllus* A. Gray ex Rydb. var. *pachyphyllus*] - IMF, KTZ <UT>, UTF, W&W
Penstemon palmeri subsp. *typicus* Keck - KTZ
 [WJ - widely cultivated and escaping in CO, e.g. Louisville Open Space]
 [*Penstemon palmeri* A. Gray] - Dorn01
Penstemon paysoniorum Keck - Dorn01, KTZ
 ♦ *Penstemon penlandii* W. A. Weber - **ENDEMIC <CO>**, KTZ, SFW, W&W, W
Penstemon procerus Douglas ex Graham var. *procerus* - IMF, KTZ, UTF, E/W
 [*Penstemon confertus* Douglas subsp. *procerus* (Douglas) D. V. Clark] - SF!
 [*Penstemon confertus* Douglas subsp. *procerus* (Douglas ex Graham) D. V. Clark, unpubl.]
 - W&W
 [*Penstemon procerus* Douglas ex Graham] - Dorn01, HDH
 [*Penstemon procerus* Douglas ex Graham subsp. *procerus*] - GPF
Penstemon radicosus A. Nelson - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 ♦ *Penstemon retrorsus* Payson ex Pennell - **ENDEMIC <CO>**, HDH, KTZ, W&W, W
 [*Penstemon caespitosus* Nutt. ex A. Gray] - SFW, W&W
Penstemon ramauleyi A. Nelson
 [WJ - Occurs in Saguache Co.; stands erect with long linear leaves, somewhat different from other taxa in the *caespitosus* complex]
Penstemon rydbergii A. Nelson var. *aggregatus* (Pennell) N. H. Holmgren - Dorn01, IMF, KTZ, E/W
 [*Penstemon rydbergii* A. Nelson] - SF!, UTF, W&W
 [*Penstemon rydbergii* A. Nelson subsp. *aggregatus* (Pennell) D. D. Keck] - HDH
Penstemon rydbergii A. Nelson var. *rydbergii* - Dorn01, IMF, KTZ, E/W
 [*Penstemon rydbergii* A. Nelson] - SF!, UTF, W&W
 [*Penstemon rydbergii* A. Nelson subsp. *rydbergii*] - HDH
Penstemon saxosorum Pennell - Dorn01, HDH, KTZ, SF!, W&W, E/W
Penstemon scariosus Pennell var. *albifluvis* (England) N. H. Holmgren - IMF, KTZ, SFW, UTF, W&W, W
 [*Penstemon albifluvis* England] - KTZ
Penstemon scariosus Pennell var. *cyanomontanus* Neese - KTZ, UTF, W&W
 [*Penstemon lasiosistemoides* Umber & Moerman, unpublished] - W&W
Penstemon scariosus Pennell var. *garrettii* (Pennell) Holmgren - Dorn01
 [*Penstemon garrettii* Pennell] - KTZ
Penstemon secundiflorus Benth. subsp. *lavendulus* Pennell - W&W¹
Penstemon secundiflorus Benth subsp. *secundiflorus* - W&W¹, E/W
 [*Penstemon secundiflorus* Benth.] - GPF, HDH, KTZ, SF!, W&W
Penstemon strictiformis Rydb. - IMF, KTZ, UTF, E/W
 [*Penstemon strictus* Benth.] - SF!, W&W
 [*Penstemon strictus* Benth. subsp. *strictiformis* (Rydb.) D. D. Keck] - HDH
Penstemon strictus Benth. - Dorn01, IMF, KTZ, SF!, UTF, W&W, E/W
 [*Penstemon strictus* Benth. subsp. *angustus* Pennell] - HDH

- [*Penstemon strictus* Benth. subsp. *strictus*] - HDH
Penstemon subglaber Rydb. - Dorn01, KTZ
Penstemon utahensis Eastw. - IMF, KTZ, SFW, UTF, W&W, W
Penstemon versicolor Pennell - SFE, W&W¹, E
♦ *Penstemon virens* Pennell ex Rydb. - **ENDEMIC <CO,WY>**, Dorn01, HDH, KTZ, W&W,
E/W
[*Penstemon virens* Pennell] - GPF, SF!
Penstemon virgatus A. Gray var. *asa-grayi* (Crosswh.) Dorn - Dorn01, E
[WJ - Var. *virgatus* in MS so similar to Colorado plants variety may not be defensible]
[*Penstemon viscosus* Rydb.] - HDH, KTZ
[*Penstemon virescens* A. Gray subsp. *asa-grayi* Crosswh.] - SFE, W&W
Penstemon watsonii A. Gray - HDH, IMF, KTZ, SFW, UTF, W&W, W
Penstemon whippleanus A. Gray - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Penstemon yampaensis Penland - KTZ, W
[*Penstemon acaulis* L. O. Williams] - HDH
[*Penstemon acaulis* L. O. Williams var. *yampaensis* (Penland) Neese] - UTF
[*Penstemon acaulis* L. O. Williams var. *yampaensis* (Penland) Neese] - SFW, W&W
[*Penstemon yampaensis* Penland] - IMF

Plantago

(Identification sources: _____)

- [*Plantago aristata* Michx.] - GPF, HDH, exp., IMF, KTZ <KS, NE, NM, OK>
Plantago elongata Pursh var. *elongata* - IMF, E/W
[*Plantago elongata* Pursh] - GPF, HDH, SF!, UTF, W&W
[*Plantago elongata* Pursh subsp. *elongata*] - KTZ
Plantago eriopoda Torr. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
* *Plantago lanceolata* L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
* *Plantago major* L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
[*Plantago asiatica* L.] - HDH
[*Plantago major* L. var. *major*] - E/W
[*Plantago major* L. var. *pachyphylla* Pilg.] - IMF
[*Plantago major* L.] - GPF, KTZ, UTF, W&W¹
Plantago patagonica Jacq. - KTZ, SF!, W&W
[NS - variation associated with "varieties" (e.g. GPF) can appear on a single plant and both varieties can occur in same population]
[*Plantago patagonica* Jacq.] - KTZ, SF!, W&W
[*Plantago patagonica* Jacq. var. *graphiloides* (Nutt.) A. Gray] - IMF, UTF
[*Plantago patagonica* Jacq. var. *patagonica*] - GPF, E/W
[*Plantago patagonica* Jacq. var. *spinulosa* (Decne.) A. Gray] - GPF, IMF, UTF, E/W
[*Plantago parviflora* Reem. & Schult.] - HDH
[*Plantago spinulosa* Decaisne ex DC.] - HDH
Plantago tweedyi A. Gray - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Pocilla (see *Veronica*)

- Rhinanthus minor* L. subsp. *minor* - KTZ, E/W
[*Rhinanthus minor* L. subsp. *borealis* (Sternbeck) A. Löve] - SF!, W&W
[*Rhinanthus rigidus* Chabert] - HDH

Veronica

(Identification sources: _____)

- V.** *americana* Schwein. ex Benth. - Dorn01, HDH, IMF, KTZ, UTF, W&W, E/W
 [Veronica americana (Raf.) Schweiñg.] - SF!
 [Veronica americana (Raf.) Schweiñg. ex Benth.] - GPF
- ⊕ **V.** *anagallis-aquatica* L. - Dorn01, GPF, HDH, IMF, KTZ, UTF, W&W
- * **V.** *arvensis* L. - Doen01, GPF, HDH rep., IMF, KTZ?, UTF, W&W, no specimen
- * **V.** *biloba* L. - Dorn01, GPF, IMF, KTZ, UTF, E/W
 [Pocilla biloba (L.) W. A. Weber] - SF!, W&W
- ⊕ **V.** *catenata* Pennell - Dorn01, IMF, SF!, UTF, W&W, E/W
 [Veronica anagallis-aquatica L.] - KTZ
 [Veronica catenata Pennell var. catenata] - GPF
 [Veronica salina Schar.] - HDH!
- V.** *nutans* Bongard - DA
 [DA - this diploid Western N. Amer. species is clearly distinct from the tetraploid V. wormskjeldii]
- V.** *peregrina* L. var. *xalapensis* (Kunth) H. St. John & F. W. Warren - Dorn01, GPF, IMF, UTF, E/W
 [Veronica peregrina L. subsp. *xalapensis* (Kunth) Pennell] - KTZ, SF!, W&W
 [Veronica peregrina L. var. *xalapensis* (Kunth) Pennell] - HDH
- * **V.** *persica* Poir. - Doen01, GPF, HDH, IMF, KTZ, UTF, W&W¹, misid.
 [Pocilla persica (Poir.) Fourr.] - W&W, W&W², misid.
- * **V.** *polita* Fr. - GPF, KTZ, E/W
 [Pocilla polita (Fr.) Fourr.] - SF!, W&W
- V.** *scutellata* L. - GPF, HDH, IMF, KTZ, SF!, W&W, E/W
- V.** *serpyllifolia* L. var. *humifusa* (Dickson) Vahl - Dorn01, GPF, HDH, IMF, E/W
 [Veronica serpyllifolia L.] - UTF
 [Veronica serpyllifolia L. subsp. *humifusa* (Dickson) Syme] - KTZ
 [Veronicastrum serpyllifolium (L.) Fourr. subsp. *humifusum* (Dickson) W. A. Weber] - W&W
 [Veronicastrum serpyllifolium (L.) Fourr. subsp. *humifusum* (Dickson) W. A. Weber] - SF!, W&W
- V.** *wormskjeldii* Roem. & Schult. - Dorn01, HDH, IMF, UTF, E/W
 [Veronica nutans Bongard] - SF!, W&W
 [Veronica wormskjeldii Roem. & Schult. var. *wormskjeldii*] - KTZ

Veronicastrum (see **Veronica**)

Plumbaginaceae - PLB (including Limoniaceae)

- A.** *scabra* Pall. subsp. *sibirica* (Turcz. ex Boiss.) Hylander - FNA, W&W, E/W
 [Ammelia labradorica Wallr.] - HDH
 [Ammelia maritima (Mill.) Willd.] - UTF
 [Ammelia maritima (Mill.) Willd. subsp. *sibirica* (Turcz. ex Boiss.) Nyman] - KTZ
 [Ammelia scabra Pall. subsp. *sibirica* (Turcz.) Hylander] - SF!

Poaceae - POA (= Gramineae)

(Identification sources: _____)

Achnatherum (see also **Jarava**)

(Identification sources: _____)

- Achnatherum aridum (M. E. Jones) Barkworth - RBS, KTZ, SFW, W&W¹
[*Stipa arida* M. E. Jones] - HDH, IMF, UTF, W&W, W
- Achnatherum amoeniae (S. Welsh & N. D. Atwood) Barkworth - FNA
[NS - reported by UT3 in Mesa Co., CO, voucher not yet seen]
[*Stipa amoeniae* S. Welsh & N. D. Atwood] - UT3
- Achnatherum contractum (B. L. Johnson) Barkworth - Dorn01, FNA, KTZ, W&W¹
[*Oryzopsis contracta* (B. L. Johnson) Shechner - RMC
[*Stipa hymenoides* Roem. & Schult.] - W&W
- Achnatherum hymenoides (Roem. & Schult.) Barkworth - RBS, Dorn01, FNA, KTZ, SFI,
W&W¹
[*Oryzopsis hymenoides* (Roem. & Schult.) Ricker] - GPF, HDH, IMF
[*Oryzopsis hymenoides* (Roem. & Schult.) Ricker ex Piper] - E/W
[*Stipa hymenoides* Roem. & Schult.] - UTF, W&W
- Achnatherum lettermanii (Vasey) Barkworth - RBS, KTZ, SFI, W&W¹
[*Stipa lettermannii* Vasey] - Dorn01, HDH, IMF, UTF, W&W, E/W
- Achnatherum lobatum (Swallen) Barkworth - FNA
[*Stipa lobata* Swallen] - FNA
- Achnatherum nelsonii (Scribn.) Barkworth subsp. *dorei* (Barkworth & J. Maze) Barkworth] -
FNA, RBS
[*Achnatherum nelsonii* (Scribn.) Barkworth] - SFI, W&W¹, KTZ
[*Stipa columbiana* Macoun var. *columbiana*] - HDH, IMF
[*Stipa nelsonii* Scribn. var. *dorei* (Barkworth & J. Maze) Dom] - E/W
- Achnatherum nelsonii (Scribn.) Barkworth subsp. *nelsonii* - FNA, RBS
[*Achnatherum nelsonii* (Scribn.) Barkworth] - SFI, W&W¹
[*Achnatherum nelsonii* (Scribn.) Barkworth var. *nelsonii*] - Dorn01
[*Stipa columbiana* Macoun var. *nelsonii* (Scribn.) Hitchc.] - HDH
[*Stipa columbiana* Macoun var. *nelsonii* (Scribn.) St. John] - IMF
[*Stipa nelsonii* Scribn.] - W&W
[*Stipa nelsonii* Scribn. subsp. *nelsonii*] - UTF
[*Stipa nelsonii* Scribn. var. *nelsonii*] - Hartman06, E/W
[*Stipa williamsii* Scribn.] - HDH, W&W
- Achnatherum nevadense (B. L. Johnson) Barkworth - Dorn01, KTZ
[*Stipa nevadensis* B. L. Johnson] - IMF, UTF
- Achnatherum occidentale (Thurb.) Barkworth - RBS, Dorn01, FNA
[*Achnatherum occidentale* (Thurb. ex S. Watson) Barkworth subsp. *pubescent* (Vasey) Barkworth] - KTZ,
FNA
[*Stipa occidentalis* Thurb.] - GPF, IMF, UTF
[*Stipa occidentalis* Thurb. ex S. Watson] - W&W, err. rep.
- Achnatherum perplexum Hogg & Barkworth - RBS, FNA
[*Stipa perplexa* (Hogg & Barkworth) J. Wippf & S.D. Jones]
- Achnatherum pinetorum (M. E. Jones) Barkworth - RBS, Dorn01, KTZ, SFW, W&W¹
[*Stipa pinetorum* M. E. Jones] - HDH, IMF, UTF, W&W, W
- Achnatherum richardsonii (Link) Barkworth - RBS, Dorn01, KTZ, SFI, W&W¹
[*Stipa richardsonii* Link] - GPF, HDH, W&W, E/W
- Achnatherum robustum (Vasey) Barkworth - RBS, Dorn01, KTZ, SFE, W&W¹
[*Stipa robusta* (Vasey) Scribn.] - GPF, HDH, W&W, E
- Achnatherum scribneri (Vasey) Barkworth - RBS, Dorn01, KTZ, SFI, W&W¹
[*Stipa scribneri* Vasey] - GPF, HDH, IMF, W&W, E/W
- Achnatherum X bloomeri (Bol.) Barkworth - FNA, KTZ, W&W¹
[*Oryzopsis bloomeri* (Bol.) Ricker] - GPF, HDH
[*Oryzopsis hymenoides* X *Stipa occidentalis*] - KTZ

[*Stipa* X *bloomeri* Bol.] - UTF, E/W
[*Stipa bloomeri* Bol.] - W&W

[X *Stiparyzopsis bloomeri* (Bol.) B. L. Johnson] - IMF, SF!

Achnatherum thurberianum (Piper) Barkworth - Dorn01, FNA, KTZ
[*Stipa thurberiana* Piper] - IMF, UTF

Achnatherum webberi (Thurb.) Barkworth - RBS, KTZ, W&W¹, err. rep.
[*Oryzopsis webberi* (Thurb.) Benth.] - HDH
[*Stipa webberi* (Thurb.) B. L. Johnson] - IMF, W&W

**Aegilops cylindrica* Host - RBS, Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W
[*Clyndespyrum cylindricum* (Host) A. Löve] - SF!, W&W

X *Agrohordeum* (see *Elymus*)

Agropyron (see also *Elymus*)

**Agropyron cristatum* (L.) Gaertn. var. *cristatum* - Dorn01, E/W
[*Agropyron cristatum* (L.) Gaertn.] - GPF, IMF, UTF, W&W¹
[*Agropyron cristatum* (L.) Gaertn. subsp. *cristatum*] - SF!, W&W

**Agropyron cristatum* (L.) Gaertn. var. *desertorum* (Fisch. ex Link) Dorn - Dorn01, E/W
[*Agropyron cristatum* (L.) Gaertn.] - GPF, RBS
[*Agropyron cristatum* (L.) Gaertn. subsp. *desertorum* (Fisch.) A. Löve - SF!, W&W
[*Agropyron cristatum* (L.) Gaertn. subsp. *pectinatum* (M. Bieb.) Tzvelev] - KTZ
[*Agropyron desertorum* (Fisch.) Schult.] - HDH
[*Agropyron desertorum* (Fisch. ex Link) - W&W¹
[*Agropyron desertorum* (Fisch. ex Link) Schult.] - KTZ
[*Agropyron desertorum* (Link) Schult.] - UTF
[*Agropyron sibiricum* Willd.] - see IMF

**Agropyron cristatum* (L.) Gaertn. var. *fragile* (Roth) Doen - Doen01, E/W
[*Agropyron cristatum* (L.) Gaertn.] - GPF, UTF

[*Agropyron cristatum* (L.) Gaertn. subsp. *fragile* (Roth) A. Löve - SF!, W&W
[*Agropyron cristatum* (L.) Gaertn. subsp. *pectinatum* (M. Bieb.) Tzvelev] - KTZ
[*Agropyron fragile* (Roth) P. Candargy] - RBS, KTZ

[*Agropyron mongolicum* Keng] - W&W¹

[*Agropyron pectiniforme* Roem. & Schult.] - IMF, W&W¹

**Agropyron triticeum* Gaertn. - Dom01, HDH, E/W
[*Eremopyrum triticeum* (Gaertn.) Nevski] - RBS, IMF, SF!, UTF, W&W, KTZ

Agrositanion (see *Elymus*)

Agrostis

(Identification sources: _____)

Agrostis (see also *Polygonum*)

Agrostis exarata Trin. - Dom01, RBS, HDH, KTZ, SF!, UTF, W&W, E/W
[*Agrostis exarata* Trin. var. *exarata*] - IMF

[*Agrostis exarata* Trin. subsp. *minor* (Hook.) C. L. Hitchc.] - GPF

[*Agrostis exarata* Trin. var. *minor* Hook.] - IMF

**Agrostis gigantea* Roth - RBS, KTZ, SF!, W&W, E/W
[*Agrostis alba* L.] - HDH
[*Agrostis stolonifera* L.] - GPF, UTF

{*Agrostis hyemalis* (Walter) Britton, Sterns, & Poggenp.] - GPF <CO>, KTZ <KS, NE,

OK>, W&W, missapp.

[NS - to be expected in southeastern WY based on FNA]

Agrostis idahoensis Nash - Dom01, RBS, HDH, IMF, KTZ, SF1, W&W, E/W

[*Agrostis bakeri* Rydb.]

[*Agrostis X idahoensis* Nash] - UTF

[*Agrostis idahoensis* Nash var. *bakeri* (Rydb.) W. A. Weber] - W&W

Agrostis mertensii Trin. - Dom01, RBS, KTZ, SF1, W&W, E/W

[*Agrostis borealis* C. J. Hartman] - HDH, IMF, UTF

Agrostis scabra Willd. - Dom01, RBS, FNA, GPF, IMF, KTZ, SF1, UTF, W&W

[*Agrostis genistina* Trin.] - KTZ

[*Agrostis scabia* Willd.] - Dom01, GPF, IMF, KTZ, SF1, UTF, W&W

[*Agrostis scabia* Willd. var. *germinata* (Trin.) Swallen] - HDH

[*Agrostis scabia* Willd. var. *scabia*] - HDH, E/W, RMC

**Agrostis stolonifera* L. - Dom01, RBS, GPF, KTZ, SF1, UTF, W&W, E/W

[*Agrostis palustris* Hudson] - HDH

[*Agrostis stolonifera* L. var. *palustris* (Hudson) Farw.] - IMF

[*Agrostis stolonifera* L. var. *stolonifera*] - IMF

Agrostis variabilis Rydb. - Dom01, RBS, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

Alopecurus aequalis Sobol. var. *aequalis* - KTZ, E/W

[*Alopecurus aequalis* Sobol.] - Dom01, RBS, GPF, HDH, IMF, SF1, UTF, W&W

**Alopecurus arundinaceus* Poir. - Dom01, RBS, KTZ

[*Alopecurus vetricosus* Pers.] - UTF

Alopecurus carolinianus Walter - Dom01, RBS, GPF, IMF, KTZ, SFE, UTF, W&W, E

**Alopecurus geniculatus* L. var. *geniculatus* - KTZ, E/W

[*Alopecurus geniculatus* L.] - RBS, GPF, HDH, IMF, SF1, UTF, W&W

Alopecurus magellanicus Lam. - RBS, FNA

[*Alopecurus alpinus* J. E. Sm.] - HDH, IMF, KTZ, SF1, UTF

[*Alopecurus alpinus* J. E. Sm. subsp.] - W&W¹, Eurasian

[*Alopecurus alpinus* J. E. Sm. var. *alpinus*] - RMC

[*Alopecurus alpinus* L. subsp. *glaucus* (Less.) Hulten] - W&W

[*Alopecurus borealis* Trin.] - Dom01, E/W

**Alopecurus pratensis* L. - GPF, RBS, IMF, KTZ, SF1, UTF, W&W, E/W

Andropogon (see also *Bothriochloa*, *Schizachyrium*)

Andropogon gerardii Vitman - Dom01, RBS, FNA, GPF, HDH, IMF, KTZ, SF1, W&W, E/W

[*Andropogon gerardii* Vitman var. *gerardii*] - UTF

Andropogon hallii Hack. - Dom01, RBS, FNA, GPF, HDH, IMF, KTZ, SFE, W&W, E

[*Andropogon gerardii* Vitman var. *chrysocoma* (Nash) Fernald] - UTF

Anisantha (see *Bromus*)

Anthoxanthum hirtum (Schrank) Y. Schouten & Veldkamp

[*Hierochloë hirta* (Schrank) Berbès subsp. *arctica* (J. Presl) G. Wein.] - RBS, KTZ, SF1, W&W, E/W

**Anthoxanthum odoratum* L. subsp. *odoratum* - RBS, FNA, KTZ

[*Anthoxanthum odoratum* L.] - HDH, W&W

[*Hierochloë odorata* (L.) P. Beauv.] - Dom01, GPF, HDH, IMF, KTZ, UTF, W&W, err. rep. based on *A. hirtum*

**Apera interrupta* (L.) P. Beauv. - Dom01, RBS, IMF, KTZ, SFE, UTF, W&W, E

Argillochloa (see *Festuca*)

Aristida

(Identification sources: _____)

*Aristida adscensionis L. - FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Aristida arizonica Vasey - FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Aristida basiramea Engelm. ex Vasey - FNA, RBS, KTZ, E

[Aristida basiramea Engelm.] - HDH, SFE, W&W

[Aristida basiramea Engelm. ex Vasey var. basiramea] - GPF

Aristida curtissii (A. Gray) Nash - HDH, E

[Aristida basiramea Engelm.] - W&W, SFE

[Aristida basiramea Engelm. ex Vasey var. curtissii (A. Gray) Shinners] - GPF

[Aristida dichotoma Michx. var. curtissii A. Gray ex S. Watson & J. M. Coulter] - KTZ

Aristida dichotoma Michx. - FNA, RBS

[NS - It is uncertain which variety is in our area]

Aristida divaricata Humb. & Bonpl. ex Willd. - FNA, RBS, GPF, HDH, KTZ, W&W, E
[Aristida divaricata Humb. & Bonpl.] - SFE

Aristida havardii Vasey - FNA, RBS, KTZ, W&W, E

[Aristida purpurea Nutt.] - SFE

Aristida oligantha Michx. - RBS

[Reported for Boulder County; voucher locality uncertain]

Aristida panca Wooton & Standl. - FNA

Aristida purpurea Nutt. var. fendleriana (Steud.) Vasey - Dorn01, RBS, FNA, KTZ, E/W
[Aristida fendleriana Steud.] - HDH

[Aristida purpurea Nutt.] - SFE, UTF

[Aristida purpurea Nutt. var. longisetia (Steud.) Vasey] - GPF, IMF, W&W

Aristida purpurea Nutt. var. longisetia (Steud.) Vasey - Dorn01, FNA, RBS, GPF, IMF, KTZ, W&W, E/W

[Aristida longisetia Steud. var. longisetia] - HDH

[Aristida longisetia Steud. var. sariflora Hitchc.] - HDH

[Aristida longisetia Steud. var. rebusta Merrill] - HDH

[Aristida purpurea Nutt.] - SFE, UTF

Aristida purpurea Nutt. var. nealleyi (Vasey) Allred - RBS, FNA, FCF

Aristida purpurea Nutt. var. purpurea - FNA, RBS, PC, GPF, IMF, KTZ, W&W, E/W
[Aristida purpurea Nutt.] - HDH, SFE, UTF

Aristida purpurea Nutt. var. wrightii (Nash) Allred - RBS, KTZ, E/W

[Aristida purpurea Nutt.] - SFE, UTF

[Aristida purpurea Nutt. var. glauca (Nees) A. Holmgren & N. Holmgren] - GPF, IMF

[Aristida wrightii Nash] - HDH, W&W

Aristida temipes Cav. - FNA

*Arrhenatherum elatius (L.) J. Presl & C. Presl var. elatius - E/W

[Arrhenatherum elatius (L.) Presl] - GPF, UTF

[Arrhenatherum elatius (L.) J. & K. Presl] - Dorn01

[Arrhenatherum elatius (L.) P. Beauvois] - SFE

[Arrhenatherum elatius (L.) P. Beauvois ex J. Presl & C. Presl] - RBS, IMF, W&W

[Arrhenatherum elatius (L.) Mert. & W. D. J. Koch] - SFW

[Arrhenatherum elatius (L.) Presl var. elatius] - HDH

[Arrhenatherum elatius (L.) P. Beauvois ex J. Presl & C. Presl var. elatius] - KTZ

*Avena fatua L. - Dorn01, RBS, HDH, IMF, KTZ, SF1, E/W

- [*Avena fatua* L. var. *fatua*] - GPF, UTF, W&W
****Avena sativa* L. - Dorn01, RBS, HDH, IMF, KTZ, E/W**
 [*Avena sativa* L. var. *sativa* (L.) Haussk.] - GPF, SF1, UTF, W&W
- Avenula hookeri* (Scribn.) Holub - RBS, SF1, W&W, FNA
 [*Helictotrichon hookeri* (Scribn.) Herrard] - Dorn01, GPF, HDH, IMF, KTZ, E/W
- Beckmannia syzigachne* (Steud.) Fernald - Dorn01, RBS, GPF, HDH, IMF, KTZ, SFW, E/W**
 [*Beckmannia syzigachne* (Steud.) Fernald subsp. *bacalensis* (Kunz.) T. Koyama & Kuwano] - SFE, W&W
- Blepharoneuron tricholepis** (Torr.) Nash - RBS, HDH, IMF, SF1, UTF, W&W, E/W
 [NS - P. Peterson indicates that this taxon falls into *Muhlenbergia* based on ITS and chloroplast sequences]
- Bothriochloa**
- (Identification sources: _____)
- Bothriochloa barbinodis* (Lag.) Herter - FNA, RBS, IMF, KTZ, SFW, UTF, W&W, W**
 [*Andropogon barbinodis* Lag.] - GPF
- **Bothriochloa bladhii* (Retz.) S. T. Blake - FNA, RBS, KTZ, SFE, W&W, E**
 [*Andropogon bladhii* Retz.] - GPF
- **Bothriochloa ischaemum* (L.) Keng var. *songarica* (Rubr. ex Fisch. & C. A. Mey.) Celarier & Harlan - KTZ, W&W, E**
 [*Bothriochloa ischaemum* (L.) Keng var. *songarica* (Rubr.) Celarier & Harlan] - SFE
 [*Andropogon ischaemum* L. var. *songaricus* Rupr. ex Fisch. & C. A. Mey.] - GPF
 [*Bothriochloa ischaemum* (L.) Keng] - FNA, RBS, UTF
- Bothriochloa laguroides* (DC.) Herter subsp. *torreyana* (Steud.) Allred & Gould - FNA, KTZ, SFE, UTF, W&W, E**
 [*Bothriochloa laguroides* (DC.) Herter] - RBS
- {*Bothriochloa saccharoides* (Sw.) Rydb.} - HDH (as *Andropogon* s.)**
 [NS - Our specimens likely confused with *B. laguroides* fide FNA]
 [*Andropogon saccharoides* Sw.] - HDH
 [*Andropogon saccharoides* Sw. var. *torreyanus* (Steud.) Hack] - GPF
 [*Bothriochloa laguroides* (DC.) Herter subsp. *torreyana* (Steud.) Allred & Gould] - W&W
- **Bothriochloa springfieldii* (Gould) Parodi - FNA, RBS, KTZ, UTF, E**
 [*Andropogon springfieldii* Gould] - GPF <AZ, NM>
 [*Bothriochloa springfieldii* Gould] - SFE, W&W¹
- Bouteloua* Lag.**
- (Identification sources: _____)
- [NS - *Bouteloua* and *Chondrosum* in their traditional circumscriptions are demonstrably polyphyletic and the continued recognition in the narrower sense of either genus is no longer justifiable (Columbus98; Columbus99)]
- Bouteloua barbata* Lag. - FNA, GPF, HDH, IMF, KTZ, E/W**
 [*Bouteloua barbata* Lag. var. *barbata*] - UTF
 [*Chondrosum barbatum* (Lag.) Clayton] - SF1, RBS, W&W
- Bouteloua curtipendula* (Michx.) Torr. vnr. *caespitosa* Gould & Kapadia - FNA, RBS, GPF, KTZ, W&W, E/W**
 [*Bouteloua curtipendula* (Michx.) Torr.] - SF1

- [*Bouteloua curtipendula* (Michx.) A. Gray var. *caespitosa* Gould & Kapadia] - IMF
Bouteloua curtipendula (Michx.) Torr. var. *curtipendula* - RBS, GPF, KTZ, W&W, E/W
 [*Bouteloua curtipendula* (Michx.) Torr.] - HDH, SFE, UTF
 [*Bouteloua curtipendula* (Michx.) A. Gray var. *curtipendula*] - IMF
Bouteloua dactyloides (Nutt.) J. T. Columbus - Columbus98; Columbus99
 [*Buchloe dactyloides* (Nutt.) Engelm. - Dom01, FNA, RBS, GPF, IMF, W&W, E
 [*Buchloe dactyloides* Engelm.] - SFE
 [*Buchloe dactyloides* (Nutt.) Engelm.] - HDH, KTZ, UTF
 [*Bulbostylis dactyloides* Raf.] - TROPICOS
 [*Calanthea dactyloides* Kunth] - TROPICOS
 [*Lasiostega humilis* Rupr. ex Bernh.] - TROPICOS
Bouteloua eriopoda (Torr.) Torr. - Dom01, FNA, GPF, HDH, IMF, KTZ, UTF, E
 [*Chondrusum eriopodum* Torr.] - SFE, RBS, W&W
Bouteloua gracilis (Kunth) Lag. - HDH
 [*Bouteloua gracilis* (Kunth) Lag. ex Griffiths] - Dom01, FNA, GPF
 [*Bouteloua gracilis* (Kunth) Lag. ex Steud.] - IMF, UTF
 [*Bouteloua gracilis* (Kunth) Lag. var. *gracilis*] - E/W
 [*Bouteloua gracilis* (Willd. ex Kunth) Lag. ex Griffiths] - KTZ
 [*Chondrusum gracile* Kunth] - SF!, RBS, W&W
Bouteloua hirsuta Lag. var. *hirsuta* - FNA, KTZ, E
 [*Bouteloua hirsuta* Lag.] - Dom01, GPF, HDH, IMF, UTF
 [*Chondrusum hirsutum* (Lag.) Sweet] - SFE, RBS, W&W
Bouteloua simplex Lag. - FNA, GPF, HDH, IMF, KTZ, UTF, E/W
 [*Chondrusum prostratum* (Lag.) Sweet] - SF!, W&W
 [*Chondrusum simplex* (Lag.) Kunth] - RBS
 [*Bouteloua prostratum* Lag.] - W&W

**Brachypodium distachyon* (L.) P. Beauv. - HDH, RBS, KTZ, W&W

Briza

- [NS - No current evidence suggests that these two species are established in our region]
 *{*Briza maxima* L.} - FNA, RBS, IMF, KTZ, SFW, W&W, W
 *{*Briza media* L.} - FNA, RBS, KTZ, SFE, W&W, E

Bromelica (see *Melica*)

Bromopsis (see *Bromus*)

Bromus

[NS - See Snow07d for a recent generic key for SRMR species]

(Identification sources: _____)

- {*Bromus anomalus* Rupr. ex E. Fourn.} - Dom01, HDH, IMF, KTZ <AZ>, UTF, E/W
 [NS - segregated from *Bromus porteri* in FNA Vol. 24]
 *{*Bromus berteroanus* Colla} - KTZ <AZ, UT>, W&W¹, err. rep.
 [*Bromus trini* Desvaux] - HDH, IMF, UTF, W&W
 *{*Bromus briziformis* Fisch. & C. A. Mey. - Dom01, RBS, FNA, KTZ, SF!, UTF, W&W, E/W
 [*Bromus briziformis* Fisch. & C. A. Mey.] - HDH, IMF
Bromus carinatus Hook. & Arn. - Dom01, GPF, HDH, IMF, KTZ, UTF, E/W
 [*Bromus marginatus* Nees] - HDH

- [*Bromus marginatus* Nees ex Steud.] - KTZ
- [*Bromus marginatus* Nees ex Steud. var. *brevioristatus* (Buckley) Beetle] - KTZ
- [*Ceratochloa carinata* (Hook. & Arn.) Tutin] - RBS, SF!, W&W
- **Bromus catharticus* Vahl - HDH, KTZ, UTF
 - [*Bromus unioloides* Kunth] - GPF
 - [*Bromus willdenowii* Kunth] - IMF
 - [*Ceratochloa unioloides* (Willd.) P. Beauv.] - W&W
- Bromus ciliatus* L. - Dom01, GPF, IMF, UTF, E/W, Peterson07
 - [*Bromus canadensis* Michx.] - E/W
 - [*Bromopsis canadensis* (Michx.) Holub] - SF!
 - [*Bromopsis canadensis* (Michx.) Holub subsp. *canadensis*] - W&W
 - [*Bromus ciliatus* L. var. *ciliatus*] - HDH
 - [*Bromus ciliatus* L. var. *richardsonii* (Link) Boivin] - KTZ
 - [*Bromus frondosus* (Shear) Wooton & Standl.] - UTF
- **Bromus commutatus* Schrad. - Dom01, RBS, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
- **Bromus diandrus* Roth - FNA, KTZ, E/W, UTF
 - [*Anisantha diandra* (Roth) Tutin] - SF!, W&W
 - [*Anisantha diandra* (Roth) Tutin ex Tzvelev] - RBS
 - [*Bromus rigidus* Roth] - KTZ, E/W
- **Bromus erectus* Huds. - FNA
- Bromus frondosus* (Shear) Wooton & Standl. - FNA, FCF, HDH, IMF, KTZ
 - [*Bromopsis ciliata* complex] - W&W
 - [*Bromopsis frondosa* (Shear) Holub] - RBS, W&W
- **Bromus hordaceus* L. subsp. *hordaceus* - KTZ, E/W
 - [*Bromus hordeaceus* L.] - RBS, SF!, UTF, W&W
 - [*Bromus mollis* L.] - IMF
- **Bromus inermis* Leyss. - FNA, HDH, UTF
 - [*Bromopsis inermis* (Leyss.) Holub] - RBS, SF!, W&W
 - [*Bromus inermis* Leyss. subsp. *inermis*] - GPF
 - [*Bromus inermis* Leyss. subsp. *inermis* var. *inermis*] - KTZ
 - [*Bromus inermis* Leyss. var. *inermis*] - Dom01, IMF, E/W
- **Bromus japonicus* Thunb. ex Murray - Dom01, GPF, KTZ, UTF, E/W
 - [*Bromus japonicus* Thunberg] - RBS, HDH, IMF, SF!, W&W
- Bromus latifolius* (Shear) Rydb. - GPF, KTZ, E/W
 - [*Bromopsis latifolius* (Shear) Holub] - RBS, SF!, W&W
 - [*Bromus anomalous* Ruprecht ex E. Fourr. var. *latifolius* (Shear) Hitchc.] - HDH
 - [*Bromus porteri* (Coul.) Nash var. *latifolius* Shear] - Gould75
- {*Bromus latiglumis* (Scribn. ex Shear) Hitchc.} - to be expected in e. Wyoming
- Bromus macroglossum* Wagstaff - FNA, RBS
- Bromus polyanthus* Scribn. - FNA, HDH
 - [*Bromus polyanthus* Scribn. var. *paniculatus* Shear] - KTZ
 - [*Bromus polyanthus* Scribn. var. *polyanthus*] - KTZ
 - [*Bromus porteri* (Coul.) Nash] - KTZ
- Bromus porteri* (J. M. Coul.) Nash - FNA, SF!, W&W
 - [*Bromus porteri* Rydb.] - GPF
 - [*Bromopsis porteri* (Rydb.) Holub] - RBS, SF!, W&W
- Bromus pubescens* Muhl. ex Willd. - Dom01, GPF, KTZ, E
 - [*Bromopsis pubescens* (Muhl.) Holub] - SFE
 - [*Bromopsis pubescens* (Muhl. ex Willd.) Holub] - RBS, W&W
 - [*Bromus ciliatus* L. var. *laevigatus* Scribn. ex Shear - HDH
 - [*Bromus kalmii* A. Gray] - GPF
 - [*Bromus latiglumis* Hitchc.] - HDH
 - [*Bromus latiglumis* (Scribn. ex Shear) Hitchc.] - GPF
 - [*Bromus pubescens* var. *laevigatus* (Scribn. ex Shear) Swallen] - Gould75

- [*Bromus pargensis* L.] - HDH, W&W¹
- Bromus pumpellianus* Scribn. - FNA
- [*Bromopsis pumpelliana* (Scribn.) Holub] - RBS, SF!, W&W
 - [*Bromus inermis* Leyss.] - UTF
 - [*Bromus inermis* Leyss. subsp. *pumpellianus* (Scribn.) Wagner] - GPF
 - [*Bromus inermis* Leyss. subsp. *pumpellianus* (Scribn.) Wagner var. *pumpellianus*] - KTZ
 - [*Bromus inermis* Leyss. var. *pumpellianus* (Scribn.) C. L. Hitchc.] - E/W
 - [*Bromus pumpellianus* Scribn. var. *pumpellianus*] - HDH
 - [*Bromus pumpellianus* Scribn. var. *tweedyi* (Scribn.) - HDH
 - [*Bromus inermis* Leyss. subsp. *pumpellianus* (Scribn.) Wagner var. *pumpellianus*] - KTZ
 - [*Bromus inermis* Leyss. var. *purpureascens* (Host.) Wagner] - Dorn01, IMF
- **Bromus racemosus* L. - RBS, HDH, KTZ, SF!, W&W, E/W
- [*Bromus hordeaceus* L.] - UTF
 - [*Bromus mollis* L.] - GPF, IMF
- Bromus richardsonii* Link - FNA, Peterson07
- [*Bromopsis richardsonii* (Link) Holub] - RBS
- **Bromus rubens* L. - FNA, FCF
- **Bromus secalinus* L. - Dorn01, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W
- [*Bromus secalinus* L. var. *secalinus*] - E/W
- **Bromus squarrosus* L. - Dorn01, RBS, GPF, KTZ, SF!, W&W, E/W
- **Bromus sterilis* L. - HDH, IMF, KTZ, UTF, E/W
- [*Anisantha sterilis* (L.) Nevski] - RBS, SF!, W&W
- **Bromus tectorum* L. - Dorn01, GPF, KTZ, UTF, E/W
- [*Anisantha tectorum* (L.) Nevski] - RBS, SF!, W&W
 - [*Bromus tectorum* L. var. *glabratus* (Spenn.) - HDH, IMF
 - [*Bromus tectorum* L. var. *tectorum*] - HDH, IMF

Buchloë (see *Bouteloua*)

Calamagrostis

- (Identification sources: _____)
- Calamagrostis canadensis* (Michx.) P. Beauv. var. *canadensis* - FNA, KTZ, E/W
- [*Calamagrostis canadensis* (Michx.) P. Beauv.] - Dorn01, RBS, GPF, HDH, IMF, SF!, UTF, W&W
 - [*Calamagrostis scriberi* Beauv.] - HDH, E/W
- Calamagrostis canadensis* (Michx.) P. Beauv. var. *langsfordii* (Link) Inman - FNA, KTZ, W&W,
- Calamagrostis canadensis* (Michx.) P. Beauv. - GPF, UTF
 - Calamagrostis langsfordii* (Link) Trin. - W&W¹, misapp.
- Calamagrostis montanensis* (Scribn.) Scribn. - Dorn01, RBS, FNA, GPF, HDH, IMF, W&W
- [*Calamagrostis montanensis* (Scribn.) Scribn. ex Vasey] - E/W
 - [*Calamagrostis montanensis* Scribn.] - SF!
 - [*Calamagrostis montanensis* Scribn. ex Vasey] - KTZ
- Calamagrostis purpurascens* R. Br. - Dorn01, RBS, FNA, GPF, HDH, IMF, SF!, UTF, W&W
- [*Calamagrostis purpurascens* R. Br. var. *purpurascens*] - KTZ, E/W
- Calamagrostis rubescens* Buckley - Dorn01, RBS, FNA, HDH, IMF, KTZ, SFW, UTF, W&W, W
- Calamagrostis scopulorum* M. E. Jones - Dorn01, RBS, FNA, HDH, KTZ, SFW, W&W, W
- Calamagrostis stricta* (Timm) Koeler subsp. *inxpansa* (A. Gray) C. W. Greene - FNA, KTZ
- [*Calamagrostis inxpansa* A. Gray] - Dorn01, HDH, E/W
 - [*Calamagrostis neglecta* (Erhr.) P. Gaertn., B. Mey., & Scribn.] - HDH, IMF
 - [*Calamagrostis stricta* (Timm) Koeler] - GPF, SF!, UTF, W&W

- Calamagrostis stricta* (Timm) Koeler subsp. *stricta* - FNA
[*Calamagrostis stricta* (Timm) Koeler var. *stricta*] - E/W
[*Calamagrostis neglecta* (Ehrh.) P. Gaertn., B. Mey., & Scherb.] - IMF
[*Calamagrostis stricta* (Timm) Koeler] - Dorn01, GPF, SFT, UTF, W&W
[*Calamagrostis stricta* (Timm) Koeler subsp. *stricta* var. *stricta*] - KTZ
- Calamovilfa gigantea* (Nutt.) Scribn. & Merr. - FNA, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Calamovilfa longifolia* (Hook.) Scribn. var. *longifolia* - KTZ, E
[*Calamovilfa longifolia* (Hook.) Scribn.] - Dorn01, FNA, RBS, GPF, HDH, IMF, SFE, W&W
- Catabeosa aquatica* (L.) P. Beauv. var. *aquatica* - KTZ, E/W
[*Catabrosa aquatica* (L.) P. Beauv.] - Dorn01, GPF, HDH, IMF, SF!, UTF, W&W
- **Cenchrus echinatus* L. - FNA
- Cenchrus longispinus* (Hack.) Fernald - Dorn01, RBS, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
- Cenchrus spinifex* Cav. - FNA, RBS, KTZ
[*Cenchrus pauciflorus* Benth.] - HDH, W&W, err. rep.
- Cenotrichloa* (see **Bromus**)
- Chloris verticillata* Nutt. - Dorn01, FNA, RBS, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
- Chloris virgata* Sw. - Dorn01, FNA, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Chondrosum* (see **Bouteloua**)
- Cinea latifolia* (Trev. ex Goepf.) Griseb. - Dorn01, GPF, IMF, KTZ, E/W
[*Cinea latifolia* (Trev.) Griseb.] - HDH, SF!, W&W
- Critesion* (see **Hordeum**)
- **Crypsis alopecuroides* (Pill. & Mitterp.) Schrad. - Dorn01, FNA, RBS, KTZ, SFE, UTF, W&W, E
- Cylindropyrum* (see **Aegilops**)
- **Cynodon dactylon* (L.) Pers. var. *dactylon* - FNA, E/W
[*Cynodon dactylon* (L.) Pers.] - GPF, RBS, HDH, IMF, KTZ, SF!, UTF, W&W
- **Cynosurus cristatus* L. - HDH, KTZ, W&W
- **Cynosurus echinatus* L. - Hartman06
- **Dactylis glomerata* L. - Dorn01, GPF, HDH, IMF, SF!, UTF, W&W, E/W
[*Dactylis glomerata* L. subsp. *glomerata*] - KTZ
- * *Dactyloctenium aegyptium* (L.) Willd. - KTZ, FNA, RBS
[*Dactyloctenium aegyptium* (L.) K. Richt.] - HDH
[*Dactyloctenium aegyptium* (L.) P. Beauv.] - UTF

Danthonia californica Bol. - Dorn01, RBS, FNA, HDH, IMF, KTZ, SF¹, UTF, W&W, E/W
Danthonia intermedia Vasey - Dom01, RBS, FNA, GPF, HDH, IMF, KTZ, SF¹, UTF, W&W, E/W

Danthonia parryi Scribn. - Dom01, RBS, FNA, HDH, KTZ, SF¹, W&W, E/W

Danthonia spicata (L.) P. Beauv. ex Roem. & Schult. - Dom01, RBS, FNA, GPF, KTZ, E
[*Danthonia spicata* (L.) P. Beauv.] - SFE

[*Danthonia spicata* (L.) P. Beauv. ex Roem. & Schult. var. *pisetorum* Piper] - HDH, W&W

Danthonia unispicata (Thurb.) Munro ex Macoun - FNA, IMF, KTZ, UTF, W
[*Danthonia unispicata* (Thurb.) Macoun] - GPF

[*Danthonia unispicata* (Thurb.) Munro] - HDH, SFW, W&W

[*Danthonia unispicata* (Thurb.) Munro ex Vasey] - RBS

Dasyochloa pulchella (Kunth) Willd. ex Rydb. - FNA, RBS, KTZ, W&W

[*Dasyochloa pulchella* (Kunth) Rydb.] - SFW

[*Eriocloa pulchellum* (Kunth) Tateoka] - IMF, UTF, W

[*Tridens pulchellus* (Kunth) Hitchc.] - HDH

Deschampsia (see also *Vahlodea*)

Deschampsia brevifolia R. Br. - FNA

Deschampsia caespitosa (L.) P. Beauv. - Dom01, KTZ, UTF

[*Deschampsia cespitosa* (L.) P. Beauv.] - IMF, SF¹

[*Deschampsia caespitosa* (L.) P. Beauv. subsp. *caespitosa*] - HDH

[*Deschampsia cespitosa* (L.) P. Beauv. var. *cespitosa*] - GPF, E/W

[*Deschampsia cespitosa* (L.) P. Beauv. subsp. *alpicola* (Rydb.) A. Löve, D. Löve, & B. M. Kapoor] - W&W, SFE

[*Deschampsia cespitosa* (L.) P. Beauv. subsp. *cespitosa*] - W&W

[*Deschampsia cespitosa* (L.) P. Beauv. subsp. *glauca* (Harinna) Hartman] - KTZ

⊕ *Deschampsia elongata* (Hook.) Munro - Dom01, FNA

⊕ *Deschampsia flexuosa* (L.) Trin. - FNA

[*Avenella flexuosa* (L.) Drejer] - Chiapella07

Dichanthelium

(Identification sources: _____)

Dichanthelium acuminatum (Sw.) Gould & C. A. Clark var. *acuminatum* - GPF, KTZ, W&W, E

[NS - infraspecific taxa likely artificial; doctoral studies in progress by Rick Hammer at Texas A & M and others at North Carolina State University]

[*Dichanthelium acuminatum* (Sw.) Gould] - Dom01

[*Dichanthelium acuminatum* (Sw.) Freckmann var. *sericeum* (Schmoll) Freckmann] - W&W¹

[*Dichanthelium acuminatum* (Sw.) Gould & C. A. Clark] - RBS, SFE, W&W¹

[*Panicum acuminatum* Sw.] - UTF

Dichanthelium acuminatum (Sw.) Gould & C. A. Clark var. *fasciculatum* (Torr.) Freckmann - KTZ, W

[*Dichanthelium acuminatum* (Sw.) Freckmann] - SFW

[*Dichanthelium acuminatum* (Sw.) Gould & C. A. Clark var. *acuminatum*] - GPF, W&W

[*Dichanthelium acuminatum* (Sw.) Freckmann var. *fasciculatum* (Torr.) Freckmann] - SFW

[*Dicanthelium lanuginosum* (Elliott) Gould var. *fasciculatum* (Torr.) Spellman] - IMF

[*Panicum huachucae* Ashe] - HDH

[*Panicum tennesseense* Ashe] - HDH

Dichanthelium acuminatum (Sw.) Gould & C. A. Clark var. *sericeum* (Schmoll) Freckmann

-KTZ, W&W, W

- [*Dichanthelium acuminatum* (Sw.) Gould & C. A. Clark var. *sericeum* (Schmoll) Freckmann & Lelong] - FNA
[*Dichanthelium acuminatum* (Sw.) Freckmann] - FNA, KTZ
[*Dichanthelium acuminatum* (Sw.) Freckmann var. *sericeum* (Schmoll) Freckmann] - SFW
[*Dichanthelium lanuginosum* (Elliott) Gould var. *sericeum* (Schmoll) Freckmann] - IMF
[*Dichanthelium lanuginosum* (Elliott) Gould var. *sericeum* (Schmoll) Spellman] - IMF

Dichanthelium acuminatum (Sw.) Gould & C. A. Clark var. *themnale* (Bol.) Freckmann - KTZ
Dichanthelium depauperatum (Muhl.) Gould - Dom01, FNA, GPF, KTZ

Dichanthelium linearifolium (Scribn.) Gould - Dom01, RBS, FNA, GPF, SFE, W&W, E
[*Dichanthelium linearifolium* (Scribn. ex Nash) Gould] - KTZ
[*Panicum perlongum* Nash] - HDH

Dichanthelium oligosanthes (Schult.) Gould var. *scribnerianum* (Nash) Gould - Dom01, GPF, IMF, KTZ, SFE, W&W, E

- [*Dichanthelium oligosanthes* (Schult.) Gould] - RBS
[*Panicum oligosanthes* Schult. var. *scribnerianum* (Nash) Freckmann & Lelong - FNA
[*Panicum oligosanthes* Schult. var. *scribnerianum* (Nash) Gould] - UTF
[*Panicum scribnerianum* Nash] - HDH

Dichanthelium wilcoxianum (Vasey) Freckmann - Dom01, FNA, KTZ, SFE, W&W¹, E
[*Dichanthelium oligosanthes* (Schult.) Gould var. *scribnerianum* (Nash) Gould] - W&W
[*Dichanthelium oligosanthes* (Schult.) Gould var. *scribnerianum* (Nash) Gould] - KTZ
[*Dichanthelium wilcoxianum* (Vasey) Freckmann] - RBS, GPF
[*Panicum wilcoxianum* Vasey] - HDH

Digitaria californica (Benth.) Henrard - FNA, RBS, KTZ, SFE, W&W, E
[*Trichachne californica* (Benth.) Chase] - GPF, HDH

* *Digitaria ischaemum* (Schreb.) Schreb. ex Muhl. - Dom01, IMF, KTZ, UTF, W&W
[*Digitaria ischaemum* (Schreb.) Muhl.] - FNA, RBS, HDH
[*Digitaria ischaemum* (Schreb.) Schreb.] - SFE
[*Digitaria ischaemum* (Schreb.) Muhl. var. *ischaemum*] - E
[*Digitaria ischaemum* (Schreb. ex Schweigg.) Schreb ex Muhl.] - GPF

Digitaria pubiflora (Vasey) Wipff - FNA

Digitaria sanguinalis (L.) Scop. - Dom01, RBS, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Diplachne (see *Leptochloa*)

Distichlis stricta (Torr.) Rydb. - Dom01, HDH, SF!, W&W

- [*Distichlis spicata* (L.) Greene] - KTZ, RBS, UTF, FNA
[*Distichlis spicata* (L.) Greene var. *stricta* (Torr.) Scribn.] - IMF, E/W
[*Distichlis spicata* (L.) Greene var. *stricta* (Torr.) Beetle] - GPF

* *Echinochloa colonum* (L.) Link - FNA, RBS

- [*Panicum colonum* L.] - RBS

* *Echinochloa crus-galli* (L.) P. Beauv. var. *crus-galli* - FNA, HDH, E/W
[*Echinochloa crus-galli* (L.) P. Beauv.] - Dom01, RBS, GPF, IMF, KTZ, SF!, UTF, W&W

* *Echinochloa crus-pavonis* (Kunth) Schult. var. *macra* (Wiegand) Gould - FNA
[*Echinochloa crus-galli* (L.) P. Beauv.] - IMF, UTF, W&W¹
[*Echinochloa crus-galli* (L.) P. Beauv. var. *zelayensis* (Kunth) Hitchc.] - HDH

- [*Echinochloa crus-pavonis* (Kunth) Schult. var. *macra* (Wiegand) Gould - GPF, KTZ

* *Echinochloa frumentacea* Link - FNA, RBS, KTZ, W&W

- [*Echinochloa crus-galli* (L.) P. Beauv.] - UTF, W&W

- [*Echinochloa crus-galli* (L.) P. Beauv. var. *frumentacea* (Roxburgh) W. F. Wight] - HDH

Echinochloa muricata (P. Beauv.) Fernald var. *microstachya* Wiegand - Dom01, FNA, GPF, KTZ

[*Echinochloa crus-galli* (L.) P. Beauv.] - IMF, UTF, W&W

[*Echinochloa crus-galli* (L.) P. Beauv. var. *mitis* (Pursh) Peterm.] - HDH

[*Echinochloa muricata* (P. Beauv.) Fernald] - RBS

**Eleusine indica* (L.) Gaertn. - FNA, RBS, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

X *Elyhordeum* (see *Elymus*)

X *Elyleymus* (see *Elymus*)

Elymus L.

(Identification sources: _____)

[NS - While many recent authors recognize generic segregates (Kellogg89, Mason-Gamer81, FNA Vol. 24), Seberg98 questions classical genome analysis on which some genera are based. In my view a less subjective division of *Elymus* into demonstrably monophyletic genera awaits further data]

Elymus albicans (Scribn. & J. G. Sm.) A. Löve var. *albicans* - Dom01, E/W

[*Agropyron albicans* Scribn. & J. G. Sm.] - HDH

[*Agropyron albicans* Scribn. & J. G. Sm. var. *albicans*] - IMF

[*Elymus albicans* (Scribn. & J. G. Sm.) A. Löve] - RBS, KTZ

[*Elymus lanceolatus* (Scribn. & J. G. Sm.) Gould] - SF1, UTF, W&W

[*Elymus lanceolatus* (Scribn. & J. G. Sm.) Gould subsp. *albicans* (Scribn. & J. G. Sm.) Barkworth & D. R. Dewey] - FNA

Elymus albicans (Scribn. & J. G. Sm.) A. Löve var. *griffithsii* (Scribn. & J. G. Sm. ex Piper) Dom - Dom01, E/W

[*Agropyron albicans* Scribn. & J. G. Sm. var. *griffithsii* (Scribn. & J. G. Sm.) A. A. Beetle] - IMF

[*Agropyron griffithsii* Scribn. & J. G. Sm.] - HDH

[*Elymus albicans* (Scribn. & J. G. Sm.) A. Löve] - KTZ

[*Elymus lanceolatus* (Scribn. & J. G. Sm.) Gould] - SF1, UTF, W&W

[*Elymus lanceolatus* (Scribn. & J. G. Sm.) Gould subsp. *albicans* (Scribn. & J. G. Sm.) Barkworth & D. R. Dewey] - FNA

Elymus ambiguus Vasey & Scribn. - IMF

[*Elymus ambiguus* Vasey & Scribn. var. *ambiguus*] - HDH, E/W

[*Elymus ambiguus* Vasey & Scribn. var. *strigosus* (Rydb.) Hitchc.] - HDH, rep.

[*Elymus salinus* M. E. Jones] - UTF

[*Leymus ambiguus* (Vasey & Scribn.) D. R. Dewey] - RBS, FNA, KTZ, SF1, W&W

X *Elymus aristatus* Merr.

[*Elymus clymaeoides* X E. triticoides] - KTZ

[X *Elyleymus aristatus* (Merr.) Barkworth & D. R. Dewey] - KTZ, FNA

[X *Elytiorum aristatus* (Merr.) Bowden] - IMF

Elymus arizonicus (Scribn. & J. G. Smith) Gould - RBS, FNA, FCF

Elymus bakeri (E. Nels.) A. Löve - RBS, KTZ

[*Agropyron bakeri* E. Nelson] - HDH

[*Elymus trachycalus* (Link) Gould ex Shinners subsp. *bakeri* (E. Nelson) A. Löve] - W&W

Elymus canadensis L. - RBS, GPF, IMF, KTZ, SF1, UTF, W&W

[*Elymus canadensis* L. var. *canadensis*] - Dom01, FNA, HDH, E/W

[*Elymus canadensis* L. var. *brachystachys* (Scribn. & C. R. Ball) Farw.] - FNA, HDH

[*Elymus canadensis* L. var. *hispidus* (Farw.) Dom] - Dom01

[*Elymus canadensis* L. var. *robustus* (Scribn. & J. G. Sm.) Mack. & Bush] - FNA, HDH

- Elymus cinereus* Scribn. & Merr. - Dom01, GPF, HDH, UTF, E/W
 [Elymus cinereus Scribn. & Merr. var. *cineraceus*] - IMF
 [Elymus cinereus Scribn. & Merr. var. *pubens* (Piper) C. L. Hitchc.] - IMF
 [Elymus cinereus (Scribn. & Merr.) A. Löve] - RBS, KTZ, SF¹, W&W
- **Elymus elongatus* (Host) Runem. var. *elongatus* - RMC
 [Agropyron elongatum (Host) P. Beauv.] - GPF, HDH, IMF
 [Elymus elongatus (Host) Runem.] - UTF
 [Elytrigia elongata (Host) Nevskii] - FNA
 [Thinopyrum penticum (Podp.) Barkworth & D. R. Dewey] - W&W
 [Thinopyrum penticum (Podp.) Z. W. Liu & R. C. Wang] - KTZ
- **Elymus elongatus* (Host) Runem. var. *ponticus* (Podp.) Dorn - E/W
 [Agropyron elongatum (Host) P. Beauv.] - HDH
 [Elymus elongatus (Host) Runem.] - UTF
 [Elytrigia pontica (Podp.) Holub] - FNA
 [Thinopyrum penticum (Podp.) Barkworth & D. R. Dewey] - SF¹, W&W
 [Thinopyrum penticum (Podp.) Z. W. Liu & R. C. Wang] - KTZ
- Elymus elymoides* (Raf.) Sweeney var. *brevifolius* (J. G. Sm.) Dorn - Dom01
 [Elymus elymoides (Raf.) Sweeney] - UTF, W&W
 [Elymus elymoides (Raf.) Sweeney subsp. *brevifolius* (J. G. Sm.) Barkworth] - RBS, KTZ
 [Sitanion hystrix (Nutt.) J. G. Sm.] - HDH
 [Sitanion hystrix (Nutt.) J. G. Sm. var. *brevifolium* (J. G. Sm.) C. L. Hitchc.] - GPF, IMF
 [Sitanion longifolium J. G. Sm.] - E, KTZ
- Elymus elymoides* (Raf.) Sweeney var. *elymoides* - Dom01, E/W
 [Elymus elymoides (Raf.) Sweeney] - SF¹, UTF, W&W
 [Elymus elymoides (Raf.) Sweeney subsp. *elymoides*] - RBS, KTZ
 [Elymus longifolius (J. G. Sm.) Gould] - SF¹, W&W
 [Sitanion hystrix (Nutt.) J. G. Sm.] - HDH
 [Sitanion hystrix (Nutt.) J. G. Sm. var. *hystrix*] - IMF
- Elymus giganteus* Vahl. - Schiebout08
 [Elymus arctatus var. *giganteus* (Vahl) Schmalz] - KTZ
 [Elymus racemosus Lam.] - KTZ
 [Elymus giganteus (Vahl) Pilger] - KTZ
 [Elymus racemosus (Lam.) Tzvelov] - RBS, FNA
- {*Elymus glaberrimus* Vasey ex L. H. Dewey} Scribn. & C. R. Ball] - FNA
 {NS - to be expected entering e. CO from western KS; as synonym of *E. virginicus* var. *virginicus* in KTZ}
- Elymus glaucus* Buckley var. *glaucus* - IMF, UTF, E/W
 [Elymus glaucus Buckley] - Dom01, GPF, HDH, SF¹, W&W
 [Elymus glaucus Buckley subsp. *glaucus*] - KTZ
- Elymus X hansenii* Scribn. - KTZ, UTF
 [Elymus glaucus X *E. elymoides*] - KTZ
 [X *Elystrianum hansenii* (Scribn.) Bowden] - IMF
- X *Elymus hirtiflorus* Hitchc.
 [Elymus trachycoccus X *E. innovatus*] - KTZ
 [Elyleymus hirtiflorus (Hitchc.) Barkworth] - FNA, KTZ <WY>
 [Elymus innovatus Beauv. var. *innovatus*] - RMC
- **Elymus hispidus* (Opiz) Melderis var. *hispidus* - Dom01, E/W
 [Agropyron intermedium (Host) P. Beauv.] - HDH
 [Agropyron intermedium (Host) P. Beauv. var. *intermedium*] - GPF, IMF
 [Elymus hispidus (Opiz) Melderis] - UTF
 [Elytrigia intermedia (Host) Nevskii] - FNA
 [Thinopyrum intermedium (Host) Barkworth & D. R. Dewey] - RBS, FNA, KTZ, SF¹
 [Thinopyrum intermedium (Host) Barkworth & D. R. Dewey subsp. *intermedium*] - W&W
- **Elymus hispidus* (Opiz) Melderis var. *ruthenicus* (Griseb.) Dorn - Dom01, E/W
 [Agropyron intermedium (Host) P. Beauv. var. *trichophorum* (Link) Halac.] - GPF, IMF

- [*Agropyron trichophanum* (Link) K. Richt.] - HDH
 [*Elymus hispidus* (Opiz Melderis)] - UTF
 [*Elytrigia intermedia* (Host) Nevskii] - FNA
 [*Thinopyrum intermedium* (Host) Barkworth & D. R. Dewey] - FNA, KTZ
 [*Thinopyrum intermedium* (Host) Barkworth & D. R. Dewey subsp. *barbulatum* (Schar.) Barkworth & D. R. Dewey] - SFW
 [*Thinopyrum intermedium* (Host) Barkworth & D. R. Dewey subsp. *barbulatum* (Schar.) Barkworth & D. R. Dewey] - SFE, W&W
- **Elymus junceus* Fisch. - Dorn01, GPF, IMF, UTF, E/W
 [NS - the inclusion of *Agropyron riparium* Scribn. & J. G. Sm. in synonymy for HDH in Snow04a cannot be correct give number of florets per spikelet indicated in HDH]
 [*Psathyrostachys juncea* (Fisch.) Nevskii] - RBS, FNA, KTZ, SFT, W&W
- {*Elymus interruptus* Buckley} - FNA
 [NS - recognition being withheld given uncertainty of species status; see FNA 24: 306]
- Elymus lanceolatus* (Scribn. & J. G. Sm.) Gould var. *lanceolatus* - Dorn01, E/W
 [*Agropyron dasystachyum* (Hook.) Scribn.] - HDH
 [*Agropyron dasystachyum* (Hook.) Scribn. var. *dasystachyum*] - GPF, IMF
 [*Elymus lanceolatus* (Scribn. & J. G. Sm.) Gould] - SFT, UTF, W&W
 [*Elymus lanceolatus* (Scribn. & J. G. Sm.) Gould subsp. *lanceolatus*] - RBS, KTZ
- Elymus lanceolatus* (Scribn. & J. G. Sm.) Gould var. *riparius* (Scribn. & J. G. Sm.) Dorn
 - Dorn01
 [*Agropyron dasystachyum* (Hook.) Scribn. var. *riparium* (Scribn. & J. G. Sm.) Bowden] - GPF, IMF
 [*Agropyron riparium* Scribn. & J. G. Sm.] - HDH
 [*Elymus lanceolatus* (Scribn. & J. G. Sm.) Gould] - UTF, W&W
 [*Elymus lanceolatus* (Scribn. & J. G. Sm.) Gould subsp. *lanceolatus*] - KTZ
- Elymus X macounii* Vasey - Dorn01, E
 [*Elymus trachycaulis* X *Hondae jubatum*] - KTZ
 [*X Agroherdeum macounii* (Vasey) Lepage] - GPF, IMF, SFE
 [*Elymus macounii* Vasey] - FCF, HDH, W&W
 [*X Elyhordeum macounii* (Vasey) Barkworth & D. R. Dewey] - Dorn01, KTZ, UTF
- Elymus multisetus* M. E. Jones - FNA, KTZ, W
 [*Elymus multisetus* (J. G. Sm.) Davy] - RBS, SFW, W&W
 [Sitanian jubatum J. G. Sm.] - IMF
- **Elymus ponticus* (Podp.) N. Snow - Snow07c
 [*Agropyron elongatum* (Host) Beauv.] - IMF, KTZ
 [*Agropyron varmense* (Velen.) Hayek] - KTZ
 [*Elymus elongatus* (Host) Runemark] - KTZ
 [*Elymus elongatus* (Host) var. *ponticus* (Podp.) Dorn] - Dorn01, KTZ
 [*Elymus varmense* (Velen.) Runemark] - KTZ
 [*Elytrigia elongata* (Host) Nevskii] - KTZ
 [*Elytrigia pontica* (Podp.) Holub] - KTZ
 [*Lophopyrum elongatum* (Host) A. Löve] - KTZ
 [*Thinopyrum ponticum* Barkworth & D. R. Dewey] - RBS
 [*Thinopyrum ponticum* (Podp.) Z.-W. Liu & R.-C. Wang] - KTZ
 [*Triticum elongatum* Podp.] - IMF
- Elymus X pseudorepens* (Scribn. & J. G. Sm.) Barkworth & D. R. Dewey - FNA, KTZ, UTF
 [*Elymus lanceolatus* X *E. trachycaulis*] - KTZ
 [*Agropyron X pseudorepens* Scribn. & J. G. Sm.] - IMF
 [*Agropyron pseudorepens* Scribn. & J. G. Sm. var. *magnum* Scribn. & J. G. Sm.] - HDH
 [*Agropyron pseudorepens* Scribn. & J. G. Sm. var. *pseudorepens*] - HDH
 [*Elytrigia repens* (L.) Nevskii] - W&W
- **Elymus repens* (L.) Gould - RBS, Dorn01, HDH, KTZ, UTF, E/W
 [*Agropyron repens* (L.) P. Beauv.] - GPF, HDH, IMF
 [*Elytrigia repens* (L.) Nevskii] - SFT, W&W
 [*Elytrigia repens* (L.) Desv. ex B. D. Jackson var. *repens*] - FNA

- Elymus salinus* M. E. Jones - Dorn01, HDH, UTF, W
 [Elymus salina M. E. Jones] - IMF
 [Elymus salina (M. E. Jones) A. Löve] - RBS, SFW, W&W
 [Elymus salina (M. E. Jones) Barkworth subsp. salina] - FNA
 [Elymus salinus (M. E. Jones) A. Löve subsp. salinus] - FNA, KTZ
- Elymus X saundersii* Vasey - Dorn01, FNA, KTZ, UTF
 [Elymus elymoides X E. trachycaulis] - KTZ
 [Agropyron saundersii (Vasey) Hitchc.] - HDH
 [X Agrostianion saundersii (Vasey) Bowden] - IMF
 [Elymus saundersii Vasey] - W&W
- Elymus X saxicola* Scribn. & J. G. Sm. ex Scribn. - Dorn01
 Elymus elymoides X E. spicatus - KTZ
 [X Agrostianion saxicola (Scribn. & J. G. Sm.) Boudrean] - IMF
 [Elymus saxicola Scribn. & J. G. Sm.] - KTZ, W&W
 [Elymus X saxicola Scribn. & J. G. Sm.] - UTF
 [X Pseudelymus saxicola (Scribn. & J. G. Sm.) Barkworth & D. R. Dewey] - FNA, KTZ
- Elymus scribneri* (Vasey) M. E. Jones - RBS, Dorn01, KTZ, SF¹, UTF, W&W, E/W
 [Agropyron scribneri Vasey] - HDH, IMF
- Elymus scribneri* X E. trachycaulis - FNA
 [Agropyron subsecundum (Link) Hitchc. var. andinum (Scribn. & J. G. Sm.) Hitchc.] - HDH
 [Agropyron trachycaulis (Link) Malte var. glaucum (Pense & Moore) Malte] - IMF
 [Elymus trachycaulis (Link) Gould subsp. andinus (Scribn. & J. G. Sm.) A. Löve & D. Löve] - SF¹, W&W
 [Elymus trachycaulis (Link) Gould ex Shinners var. andinus (Scribn. & J. G. Sm.) Dorn] - Dorn01, E/W
 [Elymus trachycaulis (Link) Gould ex Shinners] - UTF
 [Elymus trachycaulis (Link) Gould ex Shinners subsp. andinus (Scribn. & J. G. Sm.) A. Löve & D. Löve] - W&W
 [Elymus trachycaulis (Link) Gould ex Shinners subsp. trachycaulis] - KTZ
- Elymus simplex* Scribn. & T. A. Williams ex Scribn. var. luxurians Scribn. & T. A. Williams ex Scribn. - Dorn01
 [Elymus simplex Scribn. & T. A. Williams] - IMF
 [Elymus triticoides Buckley var. simplex (Scribn. & T. A. Williams) C. L. Hitchc.] - HDH
 [Elymus simplex (Scribn. & T. A. Williams) D. R. Dewey] - KTZ
- Elymus simplex* Scribn. & T. A. Williams ex Scribn. var. simplex - Dorn01, FNA
 [Elymus simplex Scribn. & T. A. Williams] - GFP, IMF, UTF
 [Elymus triticoides Buckley var. simplex (Scribn. & T. A. Williams) Hitchc.] - HDH
 [Elymus simplex (Scribn. & T. A. Williams) D. R. Dewey] - KTZ
 [Elymus triticoides (Buckley) Pilg.] - RBS, W&W
- Elymus smithii* (Rydb.) Gould - Dorn01, UTF, E/W
 [Agropyron smithii Rydb.] - GFP
 [Agropyron smithii Rydb. var. molle (Scribn. & J. G. Sm.) M. E. Jones] - HDH
 [Agropyron smithii Rydb. var. palmeri (Scribn. & J. G. Sm.) A. Heller] - HDH, IMF
 [Agropyron smithii Rydb. var. smithii] - HDH, IMF
 [Pascopyrum smithii (Rydb.) A. Löve] - KTZ, W&W
 [Pascopyrum smithii (Rydb.) A. Löve var. smithii] - SFE
 [Pascopyrum smithii (Rydb.) A. Löve var. molle (Scribn. & J. G. Sm.) Beetle] - SFE
 [Pascopyrum smithii (Rydb.) A. Löve forma molle] - SFW
 [Pascopyrum smithii (Rydb.) A. Löve forma molle (Scribn. & J. G. Sm.) Gillett & Senn] - SFW, W&W
 [Pascopyrum smithii (Rydb.) Barkworth & D. R. Dewey] - RBS
- Elymus spicatus* (Pursh) Gould - Dorn01, UTF, E/W
 [Agropyron inerne (Scribn. & J. G. Sm.) Rydb.] - HDH
 [Agropyron spicatum (Pursh) Scribn. & J. G. Sm.] - GFP, HDH, IMF
 [Pseudoregneira spicata (Parish) A. Löve] - RBS, SFW
 [Pseudoregneira spicata (Parish) A. Löve subsp. inernis (Scribn. & J. G. Sm.) A. Löve] - KTZ, SFE, W&W
 [Pseudoregneira spicata (Parish) A. Löve subsp. spicata] - KTZ, W&W
- Elymus trachycaulis* (Link) Gould ex Shinners subsp. subsecundus (Link) A. Löve & D. Löve

- KTZ, W&W
- [*Agsopyron caninum* (L.) Beauv. subsp. *majus* (Vasey) C. L. Hitchc. var. *unilaterale* Vasey] - GPF
 [*Agsopyron subsecundum* (Link) Hitchc. var. *subsecundum*] - HDH
 [*Agsopyron trachycaulis* (Link) Malte var. *unilaterale* (Cassidy) Malte] - IMF
 [*Elymus trachycaulis* (Link) Gould ex Shinners] - UTF
 [*Elymus trachycaulis* (Link) Gould ex Shinners var. *andinus* (Scribn. & J. G. Sm.) Dorn] - RMC
***Elymus trachycaulis* (Link) Gould ex Shinners var. *trachycaulis* - Dom01, FNA, E/W**
 [*Agsopyron caninum* (L.) Beauv. subsp. *majus* (Vasey) C. L. Hitchc. var. *majus*] - GPF
 [*Agsopyron latiglume* (Scribn. & J. G. Sm.) Rydb.] - HDH
 [*Agsopyron trachycaulis* (Link) Malte] - HDH
 [*Agsopyron trachycaulis* (Link) Malte var. *trachycaulis*] - IMF
 [*Elymus trachycaulis* (Link) Gould - SF!
 [*Elymus trachycaulis* (Link) Gould ex Shinners] - UTF
 [*Elymus trachycaulis* (Link) Gould ex Shinners subsp. *trachycaulis*] - RBS, KTZ, W&W
 [*Elymus violaceus* (E. Nels.) A. Löve] - RBS
- Elymus triticoides* Buckley var. *triticoides* - HDH, IMF, E/W**
- [*Elymus triticoides* Buckley] - Dom01, UTF
 [*Elymus triticoides* Buckley var. *pubescens* Hitchc.] - HDH rep., IMF
 [*Leymus triticoides* (Buckley) Pilg.] - KTZ, SF!, W&W
- Elymus villosus* Muhl. ex Willd. - Dom01, GPF, KTZ**
- Elymus violaceus* (Hornem.) Feilberg - FNA**
- [*Elymus alaskanus* (Scribn. & Merr.) A. Löve subsp. *latiglumis* (Scribn. & J. G. Sm.) A. Löve - KTZ
 [*Agsopyron latiglume* (Scribn. & J. G. Sm.) Rydb.] - HDH
 [*Elymus trachycaulis* (Link) Gould ex Shinners subsp. *andinus* (Scribn. & J. G. Sm.) A. & D. Löve] - W&W
 [*Elymus trachycaulis* (Link) Gould ex Shinners var. *trachycaulis*] - RMC
 [*Elymus violaceus* (E. Nels.) A. Löve] - RBS
- {***Elymus virginicus* L. var. *jejunicus* (Ramaley) Bush] - FNA**
- [NS - As of July 2007 I have been unable to confirm this taxon for our region; statements about distributions for the SRMR in FNA and GPF are vague. Inadequate time was available to exhaustively search larger collections in our region, e.g. COLO and RM]
 [*Elymus virginicus*] - Dom01
- Elymus virginicus* L. var. *submuticus* Hook. - GPF, IMF, UTF, E**
- [*Elymus curvatus* Piper] - RBS, FNA
 [*Elymus submuticus* (Hook.) Smyth & L. C. K. Smyth]] - KTZ
 [*Elymus virginicus* L.] - SFE, W&W
 [*Elymus virginicus* L. var. *australis* (Scribn. & Ball) Hitchc.] - HDH
 [*Elymus virginicus* L. var. *virginicus*] - RBS, HDH

X Elytisanion (see *Elymus*)

Elytrigia (see *Elymus*)

***Enneapogon desvauxii* P. Beauv. - FNA, RBS, GPF, IMF, SFW, UTF, W&W, W**
 [*Enseapogon desvauxii* Desv. ex P. Beauv.] - KTZ

Eragrostis

[NS - For Eragrostis I recommend consulting Peterson in FNA Vol. 25]

(Identification sources: _____)

**Eragrostis barrelieri* Davenu - FNA, RBS, GPF, HDH, KTZ, SFE, UTF, W&W, E
 **Eragrostis ciliaris* (All.) Vignolo ex Janch. - Dom01, FNA, RBS, KTZ

- [Eragrostis ciliarensis (All.) Lutati ex Janch.] - E/W
 [Eragrostis ciliarensis (All.) F. T. Hubbard] - SFE, W&W
 [Eragrostis ciliarensis (All.) Link.] - HDH
 [Eragrostis ciliarensis (All.) Janch.] - SFW
 [Eragrostis ciliarensis (All.) E. Mosher] - GPF, IMF, UTF
Eragrostis curtipedicellata Buckley - FNA, RBS, GPF, HDH, KTZ, SFE, W&W, E
***Eragrostis curvula** (Schrad.) Nees var. *conferta* Stapf. - E
 [Eragrostis curvula (Schrad.) Nees] - FNA, RBS, GPF, IMF, KTZ, SFE, UTF, W&W
Eragrostis erosa Scribn. ex Beal - FNA
Eragrostis hypnoides (Lam.) Bréton, Sterns, & Poggend. - Dom01, FNA, RBS, GPF, HDH,
 IMF, KTZ, SFE, UTF, W&W, E
Eragrostis intermedia Hitchc. - FNA
Eragrostis lehmanniana Nees - FNA
Eragrostis lutescens Scribn. - FNA, RBS, HDH rep., IMF, KTZ, SFE, W&W[†], E
 [Eragrostis ciliarensis (All.) Vignolo ex Janch.] - UTF, W&W
{Eragrostis mexicana (Hornem.) Link subsp. *mexicana*} - KTZ <AZ, NM>
 [Eragrostis mexicana (Lag.) Link] - GPF
 [Eragrostis neomexicana Vasey ex L. H. Dewey] - FNA, KTZ
Eragrostis mexicana (Hornem.) Link subsp. *virescens* (J. Presl) S. D. Koch & Sanchez - KTZ,
 RBS, UTF, W&W, E/W
 [Eragrostis mexicana (Hornem.) Link subsp. *virescens* J. Presl] - FNA, SF
 [Eragrostis oerdtiana Vasey] - HDH, IMF
***Eragrostis minor** Host - Dom01, FNA, RBS, GPF, KTZ, SF!, UTF, W&W, E/W
Eragrostis palmeri S. Watson - FNA
Eragrostis pectinacea (Michx.) Nees ex Steud. var. *miserrima* (E. Fourn.) Reeder - FNA, RBS,
 KTZ
 [Eragrostis pectinacea (Michx.) Nees] - HDH, W&W
 [Eragrostis pectinacea (Michx.) Nees var. *miserrima* (E. Fourn.) Reeder] - KTZ
 [Eragrostis tephroanthos J. E. Shult.] - IMF
Eragrostis pectinacea (Michx.) Nees ex Steud. var. *pectinacea* - KTZ, RBS, E/W
 [Eragrostis diffusa Buckley] - HDH, W&W
 [Eragrostis pectinacea (Michx.) Nees] - GPF, HDH, IMF, UTF, W&W
 [Eragrostis pectinacea (Michx.) Nees ex Steud. var. *pectinacea* (Michx.) Nees] - KTZ
 [Eragrostis pectinacea (Michx.) Nees var. *pectinacea*] - FNA
 [Eragrostis pilosa (L.) Beauv.] - SF!, W&W[†]
***Eragrostis pilosa** (L.) P. Beauv. var. *perplexa* (L. H. Harv.) S. D. Koch - FNA, RBS, GPF, E/W
 [Eragrostis perplexa L. H. Harv.] - HDH
 [Eragrostis pilosa (L.) Beauv.] - KTZ, SF!, W&W
Eragrostis pilosa (L.) P. Beauv. var. *pilosa* - FNA, RBS, GPF, E/W
 [Eragrostis pilosa (L.) P. Beauv.] - HDH, KTZ, SF!, W&W
Eragrostis secundiflora J. Presl subsp. *oxylophus* (Torr.) S. D. Koch - FNA, RBS, GPF, KTZ, SFE,
 W&W, E
 [Eragrostis oxylophus (Torr.) Torr.] - HDH
 [Eragrostis secundiflora C. Presl subsp. *oxylophus* (Torr.) S. D. Koch] - KTZ
Eragrostis sessilispica Buckley - FNA
Eragrostis spectabilis (Pursh) Steud. - FNA, RBS, GPF, HDH, KTZ, SF!, W&W, E/W
Eragrostis tef (Zucc.) Trotter - RBS
 [Reported by RBS for Larimer County]
Eragrostis trichodes (Nutt.) A. W. Wood - Dom01, FNA, RBS, GPF, HDH, KTZ, SF!, W&W,
 E/W

Eremopyrum (see **Agropyron**)

Erianthus (see **Saccharum**)

Eriochloa contracta Hitchc. - FNA, RBS, GPF, HDH, KTZ, SFE, UTF, W&W, E

Eriochloa sericea (Scheele) Munro ex Vasey - FNA

**Eriochloa villosa* (Thunb.) Kunth - FNA, KTZ

Erioneuron pilosum (Buckley) Nash - FNA, RBS, IMF, KTZ, SF1, UTF, W&W, E/W

[*Tridens pilosus* (Buckley) Hitchc.] - GPF, HDH

Festuca (see also **Leucopoa**, **Schedonorus**, **Vulpia**)

[NS - See Snow08b for recent key to SRMR species]

(Identification sources: _____)

Festuca arizonica Vasey - HDH, IMF, KTZ, SF1, W&W, Aiken95, E/W

[*Festuca ovina* L. var. *arizonica* Hackel ex Beal] - UTF

Festuca balfourii Polunin - Dorn01, KTZ, SF1, W&W, Aiken95, E/W

Festuca brachyphylla Schult. ex Schult. & Schult. f. subsp. *brachyphylla*

[*Festuca brachyphylla* Schult. ex Schult. & Schult. f. var. *brachyphylla*] - Dorn01

Festuca brachyphylla Schult. ex Schult. & Schult. f. subsp. *coloradensis* Frederiksen - KTZ, Aiken95, E/W

[*Festuca brachyphylla* Schult. subsp. *coloradensis* Frederiksen] - SF1, W&W

[*Festuca brachyphylla* Schult. & Schult. f. subsp. *coloradensis* Frederiksen] - Dorn01

[*Festuca ovina* L. var. *brachyphylla* (Schult.) Piper] - HDH

[*Festuca ovina* L. var. *bevillifolia* (R. Br.) S. Watson] - IMF, UTF

Festuca calligera (Piper) Rydb. - FNA

[*Festuca ovina* L. subsp. *calligera* Piper]

{*Festuca campestris* Rydb.] - KTZ, SFE, W&W, E

[*Festuca scabrella* Torr.] - GPF

[*Festuca scabrella* Torr. ex Hook.] - IMF

Festuca dasyclada Hack. ex Beal - IMF, KTZ, UTF; Aiken95, W

[*Argilochele dasyclada* (Hackel) W. A. Weber] - SFW, W&W

[*Argilochele dasyclada* (Hackel ex Beal) W. A. Weber] - RBS, W&W

Festuca earlei Rydb. - FNA, KTZ, Aiken95

[*Festuca rubra* L.] - W&W

Festuca hallii (Vasey) Piper - Dorn01, FNA, KTZ, SF1, W&W, Aiken95, E/W

[*Festuca scabrella* Torr. ex Hook.] - IMF

Festuca idahoensis Elmer - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF1, W&W

[*Festuca idahoensis* Elmer var. *idahoensis*] - Aiken95, E/W

[*Festuca ovina* L. var. *ingratia* Hackel ex Beal] - UTF

Festuca minima (L.) Rydb. - Dorn01, KTZ, SF1, W&W, Aiken95, E/W

[*Festuca ovina* L. var. *bevillifolia* (R. Br.) S. Watson] - IMF

[*Festuca ovina* L. var. *ovina*] - HDH

{*Festuca ovina* L. var. *ovina*] - HDH, IMF, UTF

(NS - see discussion in FNA Vol. 24: 422; in brief, *F. ovina* is not found in our area.)

[*Festuca ovina* L.] - KTZ <UT>, W&W

**Festuca rubra* L. subsp. *rubra* - Dorn01, FNA, KTZ

[*Festuca rubra* L. var. *rubra*] - FNA, HDH, IMF, E/W

[*Festuca rubra* L.] - GPF, SF1, UTF, W&W

- {*Festuca rubra* L. var. *lanuginosa* Mert. & W. D. J. Koch} - HDH, IMF, W&W, err. rep.
 [*Festuca rubra* L. subsp. *arenaria* (Osbeck) Syme] - FNA
 [*Festuca rubra* L. subsp. *arenaria* (Osbeck) F. Aresch.] - KTZ
Festuca saximontana Rydb. var. *purpusiana* (Saint-Yves) Frederiksen & Pavlick - FNA, KTZ,
 Aiken95
 [*Festuca ovina* L. var. *brevifolia* (R. Br.) S. Watson] - IMF
 [*Festuca saximontana* Rydb. subsp. *purpusiana* (Saint-Yves) Frederiksen & Pavlick] - W&W¹
Festuca saximontana Rydb. var. *saximontana* - FNA, KTZ, Aiken95, E/W
 [*Festuca ovina* L. var. *rydbergii* Saint-Yves] - GPF, IMF, UTF
 [*Festuca saximontana* Rydb.] - Dom01, SF!, W&W
{*Festuca scabrella* Torr.] - GPF, HDH, W&W, misid.
 [*Festuca altaica* Trin.] - KTZ
 [*Festuca scabrella* Torr. ex Hook.] - IMF
Festuca sororia Piper - FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Festuca subulata Trin. - FNA, GPF, IMF, KTZ, SFW, UTF, W&W, err. rep., W&W¹, W
{*Festuca subverticillata* (Pers.) E. B. Alexeev - FNA]
 {NS - To be expected to enter WY and CO from adjacent Nebraska}
Festuca thurberi Vasey - Dom01, HDH, IMF, KTZ, SF!, UTF, W&W, Aiken95, E/W
Festuca trichophylla (Hackel) Krajina - FNA, FCF
 [*Festuca brevipila* Tracey] - KTZ
 [*Festuca cinnoides* auct. non Vill.] - KTZ
 [*Festuca duriuscula* auct. non L.] - KTZ
 [*Festuca duriuscula* var. *cineracea* auct. non (Vill.) Krajina] - KTZ
 [*Festuca longifolia* auct. non Thunb.] - KTZ
 [*Festuca ovina* var. *duriuscula* auct. non (L.) W.D.J. Koch] - KTZ
 [*Festuca ovina* auct. non L.] - KTZ

Glyceria (see also *Torreochloa*)

- Glyceria borealis* (Nash) Batch. - Dom01, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Glyceria elata (Nash ex Rydb.) M. E. Jones - Dom01, RBS, W&W, E/W
 [*Glyceria elata* (Nash) M. E. Jones] - IMF, SF!
 [*Glyceria elata* (Nash) Hitchc.] - HDH
 [*Glyceria striata* (Lam.) Hitchc.] - KTZ, UTF
Glyceria grandis S. Watson - Dom01, RBS, HDH, IMF, SF!, UTF, W&W, E/W
 [*Glyceria grandis* S. Watson ex A. Gray] - GPF
 [*Glyceria grandis* S. Watson var. *grandis*] - KTZ
Glyceria striata (Lam.) Hitchc. - Dom01, RBS, FNA, GPF, IMF, KTZ, SF!
 [*Glyceria striata* (Lam.) Hitchcock var. *striata* (Scribn.) Fernald] - HDH, IMF, W&W, E/W

Graphephorum wolfii (Vasey) Vasey ex Coult. - Finet05, RBS

- [*Graphephorum maticum* (Bol.) A. Heller] - Finet05, RBS
 [*Trisetum subspicatum* P. Beauvois var. *maticum* Bol.] - Finet05, RBS
 [*Trisetum wolfii* Vasey] - Dom01, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Helictotrichon (see also *Avenula*)

- Helictotrichon mortonianum* (Scribn.) Henrard - Dom01, FNA, HDH, KTZ, SF!, W&W, E/W
 [*Helictotrichon mortonianum* (Scribn.) Henrard] - UTF

Hesperochloa (see *Leucopoa*)

- Hesperostipa comata* (Trin. & Rupr.) Barkworth - SF!, W&W¹
 [*Hesperostipa comata* (Trin. & Rupr.) Barkworth subsp. *comata* - KTZ, RBS

- [*Hesperostipa comata* (Trin. & Rupr.) Barkworth subsp. *intermedia* (Scribn. & Tweedy) Barkworth] - KTZ, RBS
 [*Stipa comata* Trin. & Rupr.] - GPF, W&W
 [*Stipa comata* Trin. & Rupr. var. *comata*] - HDH, IMF, UTF, E/W
 [*Stipa comata* Trin. & Rupr. var. *intermedia* Scribn. & Tweedy] - HDH, IMF, UTF, E/W
Hesperostipa neomexicana (Thurb.) Barkworth - RBS, FNA, SF!, W&W[†]
 [*Hesperostipa neomexicana* (Thurb. ex J. M. Coulter) Barkworth] - KTZ
 [*Stipa neomexicana* (Thurb. ex J. M. Coulter) Scribn.] - W&W, E/W
 [*Stipa neomexicana* (Thurb.) Scribn.] - GPF, HDH, IMF, UTF
Hesperostipa spartea (Trin.) Barkworth - RBS, FNA, KTZ, SFE, W&W[†]
 [*Stipa spartea* Trin.] - GPF, HDH, IMF, W&W
 [*Stipa spartea* Trin. var. *spartea*] - E

Hierochloë (see *Anthoxanthum*)

Hilaria jamesii (Torr.) Benth. - Dorn01, FNA, GPF, HDH, IMF, SF!, UTF, W&W, E/W
 [*Pleuraphis jamesii* Torr.] - KTZ, RBS

* *Holeus lanatus* L. - RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Hordeum

(Identification sources: _____)

Hordeum brachyantherum Nevski - Dorn01, GPF, HDH, IMF, UTF, E/W
 [*Criesion brachyantherum* (Nevski) Barkworth & D. R. Dewey] - RBS, W&W
 [*Criesion brachyantherum* (Nevski) W. A. Weber] - SF!
 [*Hordeum brachyantherum* Nevski subsp. *brachyantherum*] - KTZ
 [*Hordeum jubatum* L. subsp. *breviaristatum* Bowden] - KTZ

Hordeum distichon L. - Dorn01

Hordeum jubatum subsp. *jubatum* - RBS, FNA, KTZ
 [*Criesion jubatum* (L.) Nevski] - SF!, W&W
 [*Hordeum jubatum* L.] - IMF, UTF, E/W
 [*Hordeum jubatum* L. var. *jubatum*] - HDH
 [*Hordeum jubatum* L. subsp. *jubatum*] - KTZ

Hordeum jubatum L. subsp. *intermedium* Bowden - RBS, KTZ, FNA
 [*Criesion jubatum* (L.) Nevski] - W&W
 [*Hordeum brachyantherum* X *H. jubatum*] - IMF
 [*Hordeum X caespitosum* Scribn. ex Paminell] - Dorn01
 [*Hordeum X caespitosum* Scribn.] - UTF
 [*Hordeum caespitosum* Scribn.] - GPF
 [*Hordeum jubatum* L.] - IMF
 [*Hordeum jubatum* L. var. *caespitosum* (Scribn.) Hitchc.] - HDH
 [*Hordeum intermediate* Haussk.] - FNA

* *Hordeum murinum* L. subsp. *glaucum* (Steud.) Tzvelev - RBS, FNA, KTZ, E/W
 [*Criesion glaucum* (Steud.) A. Löve] - SF!, W&W
 [*Hordeum glaucum* Steud.] - IMF
 [*Hordeum murinum* L.] - UTF

{*Hordeum murinum* L. subsp. *murinum*} - KTZ
 [*Hordeum murinum* L.] - IMF, UTF

Hordeum pusillum Nutt. - RBS, Dorn01, GPF, HDH, KTZ, UTF, E/W
 [*Criesion pusillum* (Nutt.) A. Löve] - SF!, W&W
 [*Hordeum pusillum* Nutt. var. *pusillum*] - IMF

- **Hordeum vulgare* L. - RBS, GPF, KTZ, SF!, UTF, E/W
 [*Hordeum distichon* L.] - IMF
 [*Hordeum vulgare* L. var. *vulgare*] - Dom01, HDH, IMF, W&W
 [*Hordeum vulgare* L. var. *trifurcatum* (Schlecht.) Alef.] - Dom01, HDH, IMF, W&W

Jamva (see *Pappostipa*)

- Koeleria macrantha* (Lebed.) Schult. - RBS, Dom01, KTZ, SF!, UTF, W&W, E/W
 [*Koeleria cristata* (L.) Pers.] - HDH
 [*Koeleria nitida* Nutt.] - IMF
 [*Koeleria pyramidata* (Lam.) P. Beauv.] - GPF

- ♦*Leersia oryzoides* (L.) Sw. - Dom01, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

- Leptochloa dubia* (Kunth) Nees - FNA, RBS, GPF, KTZ
 [*Diplachne dubia* (Kunth) Scribn.] - SFE, W&W¹

- Leptochloa fusca* (L.) Kunth subsp. *fascicularis* (Lam.) N. Snow - FNA, KTZ, Snow98, E/W
 [*Diplachne fascicularis* (Lam.) A. Gray] - SFE

[*Diplachne fascicularis* (Lam.) P. Beauv.] - SFW, W&W¹

[*Leptochloa fascicularis* (Lam.) A. Gray] - GPF, HDH, IMF, UTF, W&W

[*Leptochloa fusca* (L.) Kunth var. *fascicularis* (Lam.) Dom] - Dom01, RBS

- {*Leptochloa fusca* (L.) Kunth subsp. *uninervia* (J. Presl) N. Snow] - KTZ; Snow98, FNA

[NS - no specimen exists at COLO. HDH personal notes evidently indicated the CO specimen was at US (T. Hogan, pers. comm. Nov 2003), which does not have a record from CO (P. Peterson, pers. comm. Nov 2003); however, may eventually be found in playas or edges of reservoirs in se CO or ne NM below 8,000 ft.]
 [*Diplachne uninervia* (J. Presl) Parodi] - W&W¹, err. rep.

[*Leptochloa uninervia* (J. Presl) Hitchc. & Chase] - HDH, IMF, UTF

[*Leptochloa uninervia* (J. Presl) Hitchc.] - W&W, doubtful rep.

- Leptochloa panicoides* (Retz.) Owksi - FCF, Snow98

[NS - reported by FCF for Montrose County; voucher not seen, most likely subsp. *brachiata*]

- Leucopoa kingii* (S. Watson) W. A. Weber - RBS, Dom01, GPF, IMF, KTZ, SF!, UTF, W&W, E/W

[*Festuca kingii* (S. Watson) Cassidy] - Aiken95

[*Hesperochloa kingii* (S. Watson) Rydb.] - HDH

Leymus (see *Elymus*)

Lolium (see also *Schedonorus*)

- **Lolium multiflorum* Lam. - RBS, Dom01, HDH, IMF, E/W

[*Lolium perenne* L.] - SF!

[*Lolium perenne* L. subsp. *italicum* (A. Braun) Syme] - W&W

[*Lolium perenne* L. subsp. *multiflorum* (Lam.) Husnot] - KTZ

[*Lolium perenne* L. var. *aristatum* Willd.] - GPF, UTF

- **Lolium perenne* L. - RBS, Dom01, HDH, IMF, SF!, E/W

[*Lolium perenne* L. subsp. *perenne*] - KTZ

[*Lolium perenne* L. var. *perenne*] - GPF, UTF

Lycurus

[NS - Paul Peterson (US) informs me (Aug. 2007) that this genus falls into *Molinieae* based on ITS and chloroplast sequences (see also *Schedonorus*)]

- Lycurus phleoides* Kunth - FNA, GPF, HDH, IMF, KTZ, RBS, UTF, W&W, rep., W&W¹, rep.

Lycurus setosus (Nutt.) C. Reeder - FNA, RBS, KTZ, SFI, W&W[†], E/W
[NS - this taxon will soon be transferred into as *Muhlenbergia atropurpurea* (Griseb.) P. M. Peterson & Columbus, see Madroño [in press]]

Melica bulbosa Geyer ex Porter & J. M. Coulter, var. *bulbosa* - IMF, W
[[Bromelica *bulbosa* (Geyer) W. A. Weber] - SFW, RBS
[Bromelica *bulbosa* (Geyer ex Porter & J. M. Coulter) W. A. Weber] - W&W
[Melica *bulbosa* Geyer] - GPF, HDH
[Melica *bulbosa* Geyer ex Porter & J. M. Coulter] - Dorn01, KTZ, UTF

Melica nitens (Scribn.) Nutt. ex Piper - FNA
Melica porteri Scribn. - RBS, GPF, HDH, SFI, UTF, W&W, E/W
[Melica porteri Scribn. var. *porteri*] - KTZ

Melica spectabilis Scribn. - Dorn01, HDH, IMF, KTZ, UTF, E/W
[[Bromelica *spectabilis* (Scribn.) W. A. Weber] - SFI, RBS, W&W
Melica subulata (Griseb.) Scribn. var. *subulata* - KTZ, W
[[Bromelica *subulata* (Griseb.) Farw.] - SFW, RBS, W&W[†]
[Melica *subulata* (Griseb.) Scribn.] - Dorn01, GPF

**Misanthus sinensis* Andersson - FNA, HDH, KTZ, W&W

Monrea (see **Munroa**)

Muhlenbergia

[NS - I recommend Peterson's treatment in FNA Vol. 25 for additional information]

(Identification sources: _____)

Muhlenbergia andina (Nutt.) Hitchc. - Dorn01, RBS, FNA, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Muhlenbergia arenacea (Buckley) Hitchc. - FNA, RBS, HDH, KTZ, SFE, W&W, E

Muhlenbergia arenicola Buckley - GPF, RBS, HDH, KTZ, SFE, W&W, E

Muhlenbergia arsenei Hitchc. - FNA

Muhlenbergia asperifolia (Nees & Meyen ex Trin.) Parodi - Dorn01, RBS, FNA, KTZ, W&W, E/W

[Muhlenbergia *asperifolia* (Nees & Meyen) Parodi - GPF, HDH, IMF, SFI, UTF

Muhlenbergia brevis C. O. Goodding - FNA, RBS, HDH, KTZ, SFE, W&W, E

Muhlenbergia cuspidata (Torr. ex Hook.) Rydb. - Dorn01, RBS, FNA, KTZ, E
[Muhlenbergia *cuspidata* (Torr.) Rydb. - GPF, HDH, SFE, W&W

Muhlenbergia depauperata Scribn. - FNA, RBS, KTZ, SFW, UTF, W&W, W

Muhlenbergia dubia E. Fourn. - FNA

Muhlenbergia emersleyi Vasey - FNA

Muhlenbergia filiculmis Vasey - Dorn01, FNA, RBS, GPF, HDH, IMF, KTZ, UTF, W&W, E/W

Muhlenbergia filiformis (Thurb. ex S. Watson) Rydb. - Dorn01, RBS, FNA, KTZ, W&W, E/W
[Muhlenbergia *filiformis* (Thurb.) Rydb. - GPF, HDH, IMF, SFI, UTF

Muhlenbergia glomerata (Willd.) Trin. - Dorn01, RBS, FNA, GPF, KTZ, UTF, W&W

Muhlenbergia longiligula Hitchc. - FNA

Muhlenbergia mexicana (L.) Trin. - Dorn01, FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

- Muhlenbergia minutissima (Steud.) Swallen - Dom01, RBS, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
- Muhlenbergia montana (Nutt.) Hitchc. - Dom01, RBS, FNA, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Muhlenbergia pauciflora Buckley - FNA, RBS, HDH, IMF, KTZ, SFW, UTF, W&W, W
- Muhlenbergia porteri Scribn. ex Beal - FNA, RBS, IMF, KTZ, UTF, E/W
[*Muhlenbergia porteri* Scribn.] - GPF, HDH, SF!, W&W
- Muhlenbergia pungens Thurb. - Dom01, RBS, GPF, HDH, IMF, KTZ, SF!, UTF, E/W
[*Muhlenbergia pungens* Thurb. ex A. Gray] - FNA, W&W
- Muhlenbergia racemosa (Michx.) Britton, Sterns, & Poggenb. - Dom01, RBS, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Muhlenbergia ramulosa (Kunth) Swallen - KTZ, RBS, W&W, misapp., E
[*Muhlenbergia wolfii* (Vasey) Rydb.] - HDH, SFE, W&W
- Muhlenbergia repens (J. Presl) Hitchc. - FNA, KTZ, UTF
- Muhlenbergia richardsonis (Trin.) Rydb. - Dom01, RBS, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
- Muhlenbergia rigens (Benth.) Hitchc. - FNA
- Muhlenbergia rigida (Kunth) Trin. - FNA
- ♦ Muhlenbergia schreberi J. F. Gmel. - FNA, RBS, GPF, HDH, KTZ, SFE, UTF, W&W, E
- Muhlenbergia tenuiflora (Willd.) Britton, Sterns & Poggenb. - FNA
- Muhlenbergia texana Buckley - FNA
- Muhlenbergia thurberi Rydb. - IMF, RBS, KTZ, SFW, UTF, W
[*Muhlenbergia thurberi* (Scribn.) Rydb.] - FNA, W&W
- Muhlenbergia torreyi (Kunth) Hitchc. ex Bush - Dom01, RBS, FNA, GPF, KTZ, W&W, E
[*Muhlenbergia torreyi* (Kunth) Hitchc.] - HDH, SFE
- Muhlenbergia wrightii Vasey ex J. M. Coulter - FNA, RBS, IMF, KTZ, UTF, W&W, E/W
[*Muhlenbergia wrightii* Vasey] - HDH, SF!
- Munroa squarrosa (Nutt.) Torr. - Dom01, RBS, FNA, GPF, HDH, IMF, UTF
[*Munroa squarrosa* (Nutt.) Torr.] - KTZ, SF!, W&W, E/W
- Nassella tenuissima (Trin.) Barkworth - RBS, FNA
[*Stipa tenuissima* Trin.] - FNA
- Nassella viridula (Trin.) Barkworth - RBS, Dom01, FNA, KTZ, SF!, W&W¹
[*Stipa viridula* Trin.] - GPF, HDH, UTF, W&W, E/W
- Oryzopsis (see also **Achnatherium**, **Pipatherum**)
[NS - the genus is polyphyletic; but best way to split still not evident]
- Oryzopsis asperifolia Michx. - RBS, Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
- Panicum (see also **Dichanthelium**)
[NS - the genus is polyphyletic and is being split actively, primarily by Morone, Zuloaga, and colleagues working out of Argentina. I am withholding some of the generic splits pending more data]
- (Identification sources: _____)

- Panicum antidotale Retz. - FNA
- Panicum capillare L. - Dom01, RBS, FNA, GPF, IMF, KTZ, SFE, UTF, W&W, E/W
 [Panicum capillare L. var. capillare] - HDH
 [Panicum capillare L. var. occidentale Rydb.] - HDH, SFW
- ⊕ Panicum dichotomiflorum Michx. var. dichotomiflorum - FNA, KTZ, E
 [Panicum dichotomiflorum Michx.] - GPF, RBS, HDH, IMF, SFE, UTF, W&W
- Panicum hallii Vasey var. hallii - FNA, GPF, KTZ, E
 [Panicum hallii Vasey] - RBS, HDH, IMF, SFE, UTF, W&W
- Panicum hillmanii Chase - GPF, KTZ, SFE, W&W, E
- * Panicum miliaceum L. - Dom01, RBS, FNA, GPF, HDH, IMF, SFE, UTF, W&W, E
 [Panicum miliaceum L. subsp. miliaceum] - KTZ
- Panicum obtusum Kunth - FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
 [NS - Zukago07 described the monotypic genus *Hopia* for this species, but until the boundaries of the wildly polyphyletic *Panicum* are more fully resolved [see their Fig. 2] the recognition of this genus is being withheld]
 [Hopia obtusa (Kunth) Zukago & Morone] - Zukago07
- Panicum virgatum L. - Dom01, RBS, GPF, HDH, IMF, SFI, UTF, W&W, E/W
 [Panicum virgatum L. var. virgatum] - KTZ
- Pappostipa speciosa (Trin. & Rupr.) Romeschenko - Romeschenko08
 [Achnatherum speciosum (Trin. & Rupr.) Barkworth] - KTZ, SFW, W&W¹
 [Jarava speciosa (Trin. & Rupr.) Petalij.] - RBS, FNA
 [Stipa speciosa Trin. & Rupr.] - HDH, IMF, UTF, W&W, W
- Pascopyrum (see **Elymus**)
- * Paspalum dilatatum Poir. - RBS, GPF, HDH, KTZ, SFW, W&W, W
- ⊕ Paspalum pubiflorum Rupr. ex E. Fourn. var. glabrum Vasey ex Scribn. - GPF, E
 [Paspalum pubiflorum Rupr. ex E. Fourn.] - FNA, RBS, KTZ
 [Paspalum pubiflorum Rupr. var. glabrum Vasey] - SFE
 [Paspalum pubiflorum Rupr. ex E. Fourn. var. glabrum Vasey & Scribn.] - W&W
- * Paspalum racemosum Lam. - FNA, RBS, HDH, KTZ, W&W
- ⊕ Paspalum setaceum Michx. - FNA, RBS, KTZ
 [Paspalum setaceum Michx. var. stramineum (Nash) D. J. Banks] - GPF, SFE, W&W, E
 [Paspalum stramineum Nash] - HDH
- Pennisetum (see also **Setaria**)
- * Pennisetum alopecuroides (L.) Spreng. - RBS
 [Panicum alopecuroides L.]
- * Pennisetum glaucum (L.) R. Br. - FNA, KTZ
 [Setaria glauca (L.) P. Beauv.] - GPF, IMF, SFI, UTF, W&W, E/W
 [Setaria lutescens (Weigei) F. T. Hubbard] - HDH
- * Pennisetum setaceum (Forsk.) Chiiov. - RBS, HDH, IMF, KTZ, W&W
 [NS - Not listed by FNA for our region]
- * Pennisetum villosum R. Br. ex Fresen. - KTZ
 [Pennisetum villosum R. Br.] - HDH, W&W
- Phalaris arundinacea L. var. arundinacea - HDH, E/W
 [Phalaris arundinacea L.] - Dom01, GPF, IMF, KTZ
 [Phalaris arundinacea L. var. picta L.] - HDH
 [Phalaris arundinacea L. forma picta (L.) Asch. & Graebn.] - IMF
 [Phalaris arundinacea L. forma variegata (Pursh) Druse] - UTF
 [Phalaroides arundinacea (L.) Rauschert] - RBS, SFI, W&W

Phalaris canariensis L. - RBS, Dom01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Phalaris caroliniana Walter - RBS, GPF, HDH, IMF, KTZ, SFE, W&W, E
Phalaris minor Retz. - RBS, HDH, KTZ, SFE, W&W, E

Phalaroides (see *Phalaris*)

Phippia algida (Phipps) R. Br. - RBS, Dom01, HDH, KTZ, SF!, W&W, E/W

Phleum alpinum L. - RBS, Dom01, GPF, HDH, IMF, KTZ, UTF, W&W[†], misapp.

[*Phleum alpinum* L. var. *alpinum*] - E/W

[*Phleum commutatum* Gaertn.] - SF!, W&W

Phleum pratense L. - RBS, Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W

[*Phleum pratense* L. var. *pratense*] - E/W

Phragmites australis (Cav.) Trin. ex Steud. - Dom01, FNA, RBS, GPF, IMF, KTZ, UTF, W&W, E/W

[*Phragmites australis* (Cav.) Trin.] - SF!

[*Phragmites communis* Trin.] - HDH

Piptatherum exiguum (Thurb.) Barkworth - RBS, Dom01, KTZ, FNA

[*Oryzopsis exigua* Thurb.] - GPF, HDH, IMF, SF!, UTF, W&W, E/W

Piptatherum micranthum (Trin. & Rupr.) Barkworth - RBS, Dom01, FNA, KTZ, SF!, W&W[†]

[*Oryzopsis micrantha* (Trin. & Rupr.) Thurb.] - GPF, HDH, IMF, UTF, W&W, E/W

Piptatherum pungens (Torr.) Barkworth - RBS, Dom01, FNA, KTZ

[*Oryzopsis pungens* (Torr.) Hitchc.] - GPF, HDH, SF!

[*Oryzopsis pungens* (Torr. ex Stevng.) Hitchc. - Hartman06, W&W, E/W

Piptochaetium fimbriatum (Kunth) Hitchc. - FNA

Pleuraphis (see *Hilaria*)

Poa

[NS - See Snow08a for a recent key to species from the SRMR]

(Identification sources: _____)

Poa abbreviata R. Br. subsp. *pattersonii* (Vasey) A. Löve, D. Löve, & B. M. Kapoor - FNA, KTZ, SF!, W&W

[*Poa abbreviata* R. Br.] - RBS

[*Poa pattersonii* Vasey] - Dom01, HDH, IMF, UTF, E/W

Poa alpina L. - RBS, Dom01, FNA, HDH, IMF, KTZSF!, UTF, W&W, E/W

Poa annua L. - RBS, Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

[*Poa arachnifera* Torr.]

{NS - approaches our area closely in southeast CO from southwest KS}

Poa arctica R. Br. subsp. *aperta* (Scribn. & Merr.) Soreng - FNA, KTZ, SFW, W&W[†], E/W

[*Poa aperta* Scribn. & Merr.] - W&W

[*Poa arctica* R. Br.] - IMF

[*Poa arctica* R. Br. subsp. *aperta* (Vasey) Soreng] - SPE

Poa arctica R. Br. var. *arctica* - Doen01, FNA, E

- [*Poa arctica* R. Br.] - HDH, IMF, SFE, UTF, W&W
 [*Poa arctica* R. Br. subsp. *arctica*] - KTZ
- Poa arctica* R. Br. var. *grayana* (Vasey) Dorn - Dorn01, FNA, E/W
 [*Poa arctica* R. Br.] - HDH, IMF, UTF, W&W
 [*Poa arctica* R. Br. subsp. *grayana* (Vasey) Löve] - SF?
 [*Poa arctica* R. Br. subsp. *grayana* (Vasey) A. Löve, D. Löve, & B. M. Kapoor] - KTZ, SFE
- Poa arida* Vasey - RBS, Dorn01, FNA, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
 [*Poa glauca* Scribn. & T. A. Williams] - GPF, HDH, IMF, SF1, W&W
- Poa bigelovii* Vasey & Scribn. - RBS, FNA, HDH, IMF, KTZ, SFE, UTF, W&W, E
 [*Poa bolanderi* Vasey - FNA]
 [NS - to be expected in southwestern CO from UT]
- Poa bulbosa* L. - RBS, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
 [*Poa bulbosa* L. subsp. *vivipara* (Koel.) Arcang.] - FNA
- * *Poa compressa* L. - RBS, Dorn01, FNA, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
- {*Poa cusickii* Vasey var. *cusickii*} - E/W
 [*Poa cusickii* Vasey] - GPF, HDH, IMF
 [*Poa cusickii* Vasey subsp. *cusickii*] - FNA, KTZ, W&W, W&W¹, err. rep.
 [*Poa cusickii* Vasey subsp. *palilda* Soreng] - Dorn01, SF1, W&W, W&W¹, putative hybrid of *Poa cusickii* X *P. fendleriana*
 [*Poa fendleriana* (Steud.) Vasey] - UTF
- Poa cusickii* Vasey var. *epilis* (Scribn.) C. L. Hitchc. - Dorn01, E/W
 [*Poa cusickii* Vasey subsp. *epilis* (Scribn.) W. A. Weber] - RBS, FNA, KTZ, SF1, W&W
 [*Poa epilis* Scribn.] - HDH, IMF
 [*Poa fendleriana* (Steud.) Vasey] - UTF
- Poa cusickii* Vasey var. *palilda* (Soreng) Dorn
 [*Poa cusickii* Vasey subsp. *palilda* Soreng] - RBS, FNA, W&W¹, W&E
- Poa fendleriana* (Steud.) Vasey subsp. *fendleriana* - RBS, FNA, KTZ
 [NS - synonymized under *P. cusickii* in previous checklist]
 [*Poa fendleriana* (Steud.) Vasey] - Dorn01, GPF, HDH, IMF, UTF, W&W, E/W
- Poa fendleriana* (Steud.) Vasey subsp. *longiligula* (Scribn. & Williams) Soreng - RBS, FNA, KTZ, SF1, W&W¹
 [*Poa longiligula* Scribn. & T. A. Williams] - HDH
- Poa glauca* Vahl subsp. *glauca* - FNA, KTZ
 [*Poa glauca* Vahl var. *glauca*] - UTF
- Poa glauca* Vahl subsp. *rupicola* (Nash) W. A. Weber - FNA, SF1, W&W
 [*Poa glauca* Vahl var. *rupicola* (Nash ex Rydb.) B. Boivin] - Dorn01, E/W
 [*Poa glauca* Vahl subsp. *rupicola* (Nash ex Rydb.) W. A. Weber] - KTZ
 [*Poa glauca* Vahl var. *rupicola* (Nash) J. Boivin] - UTF
 [*Poa rupicola* Nash] - HDH, IMF
 [*Poa rupicola* Nash ex Rydb.] - GPF
- Poa interior* Rydb. - RBS, Dorn01, FNA, GPF, HDH, IMF, E/W
 [*Poa glauca* Vahl var. *glauca*] - UTF
 [*Poa nemoralis* L. subsp. *interior* (Rydb.) Butters & Abbe] - SF?
 [*Poa nemoralis* L. subsp. *interior* (Rydb.) W. A. Weber] - KTZ, W&W
- Poa laxa* Haenke subsp. *banffiana* Soreng - RBS, FNA, KTZ
 [NS - location of a voucher uncertain]
- Poa leptocoma* Trin. - RBS, Dorn01, FNA, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
- Poa lettermanii* Vasey - RBS, Dorn01, FNA, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
- Poa X nematophylla* Rydb. - FNA, KTZ
 [*Poa cusickii* Vasey] - IMF
 [*Poa cusickii* Vasey subsp. *palilda* Soreng] - W&W¹
- Poa occidentalis* Vasey - RBS, FNA, HDH, IMF, KTZ, SFW, W&W, W
- Poa palustris* L. - RBS, Dorn01, FNA, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

- Poa pratensis* L. subsp. *alpigena* (Lindm.) Hiltonen - FNA
- Poa pratensis* L. subsp. *agassizensis* (B. Boivin & D. Löve) Roy L. Taylor & MacBryde - FNA, RBS
- **Poa pentensis* L. subsp. *pratensis* - FNA, KTZ, RBS
 [*Poa agassizensis* B. Boivin & D. Löve] - SF!, W&W
- Poa reflexa* Vasey & Scribn. - RBS, Dom01, FNA, HDH, IMF, SF!, UTF, W&W, E/W
 [*Poa reflexa* Vasey & Scribn. ex Vasey] - KTZ
- Poa secunda* J. Presl subsp. *juncifolia* (Scribn.) Sorensg - RBS, FNA
 [NS - consult Kellogg#5 as well]
 [*Poa juncifolia* Scribn.] - GPF, HDH, IMF, SF!, W&W
 [*Poa juncifolia* Scribn. var. *ampla* (Merr.) Dom] - RMC
 [*Poa juncifolia* Scribn. var. *juncifolia*] - RMC
 [*Poa nevadensis* Vasey] - HDH
 [*Poa nevadensis* Vasey ex Scribn.] - IMF
 [*Poa secunda* J. Presl subsp. *nevadensis*]
- Poa secunda* J. Presl subsp. *secunda* J. Presl - RBS, FNA
 [*Poa secunda* J. Presl var. *secunda*] - Dom01
 [*Poa secunda* J. Presl var. *elengata* (Vasey) Dom] - RMC
 [*Poa secunda* J. Presl var. *inscava* (Scribn. & T. A. Williams ex Scribn.) Beetle] - RMC
- Poa stenantha* Trin. var. *stentantha* - FNA, RBS
 [*Poa macroclada* Rydb.] - FNA, KTZ
 [*Poa stenantha* Trin.] - KTZ
- Poa tracyi* Vasey - RBS, FNA, KTZ, SF!, W&W, E/W
 [*Poa occidentalis* Rydb., not Vasey] - HDH
- Poa trivalis* L. - RBS, Dom01, FNA, HDH, IMF, KTZ, SFE, UTF, W&W, E
- Poa wheeleri* Vasey - RBS, Dom01, FNA, KTZ, FNA
 [*Poa nervosa* (Hook.) Vasey] - HDH, SF!, W&W
 [*Poa nervosa* (Hook.) Vasey var. *wheeleri* (Vasey) C. L. Hitchc.] - IMF, UTF, E/W

- Podagrostis humilis* (Vasey) Björkman - RBS, FNA, SF!, W&W¹
 [*Agrostis humilis* Vasey] - Dom01, HDH, IMF, KTZ, UTF, W&W, E/W
 [*Agrostis thurberiana* Hitchc.] - HDH, IMF, UTF, W&W, E/W
 [*Podagrostis thurberiana* (Hitchc.) Halén] - SF!, W&W¹

- Polypogon elongatus* Kunth - RBS, FNA, KTZ, W&W
- Polypogon interruptus* Kunth - RBS, Dom01, GPF, IMF, KTZ, SFE, UTF, W&W¹, E
- Polypogon monspeliensis* (L.) Desf. - RBS, Dom01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
- Polypogon viridis* (Gouan) Breistr. - RBS, KTZ, SF!, W&W, E/W
 [*Agrostis semiverticillata* (Forskål) C. Christensen] - HDH, IMF
 [*Polypogon semiverticillata* (Forskål) Hylander] - UTF

Psathyrostachys (see *Elymus*)

X Pseudelymus (see *Elymus*)

Pseudoroegneria (see *Elymus*)

- ◆ *Pilagrostis porteri* (Rydb.) W. A. Weber - **ENDEMIC <CO>** - RBS, FNA, SF!, W&W
 [*Pilagrostis mongholica* (Turcz. ex Trin.) Griseb. subsp. *porteri* (Rydb.) Barkworth - KTZ, E/W
 [*Stipa porteri* Rydb.] - HDH

Puccinellia (see also *Torreyochoa*)

- * *Puccinellia distans* (L.) Parl. - RBS, Dorn01, GPF, HDH, IMF, UTF, W&W
[*Puccinellia distans* (Jacq.) Parl. subsp. *distans*] - KTZ
- Puccinellia nuttalliana* (Schult.) Hitchc. - RBS, Dorn01, GPF, IMF, KTZ, UTF, E/W
[NS - Previous checklist split out *P. cusickii* as distinct species]
[*Puccinellia aliooides* S. Watson & J. M. Coulter] - W&W
[*Puccinellia aliooides* (Nutt.) S. Watson & J. M. Coulter] - HDH, SF!
[*Puccinellia cusickii* Wight] - Dom01, GPF <WY>, W&W
- Redfieldia flexuosa* (Thurb.) Vasey - Dom01, FNA, GPF, HDH, IMF, KTZ, SFE, UTF, E
[NS - Dr. Paul Peterson (US) informs that this genus falls into *Muhlenbergia* based on ITS and chloroplast sequences]
[*Redfieldia flexuosa* (Thurb. ex A. Gray) Vasey] - W&W, RBS

Saccharum ravennae (L.) L. - KTZ

- [*Erianthus ravennae* (L.) P. Beauvois] - GPF, HDH, IMF
[*Saccharum ravennae* (L.) Murray] - UTP

- Schedonardus paniculatus* (Nutt.) Trel. - RBS, Dom01, FNA, RBS, GPF, HDH, KTZ, SF!,
W&W, E/W
[NS - Paul Peterson (US) indicates that this taxon falls into *Muhlenbergia* based on ITS and chloroplast sequences; no combination is yet available in that *Muhlenbergia*]

* *Schedonorus arundinaceus* (Schreb.) Dumort. - RBS, FNA

[NS - This name was proposed for conservation by Sorenson et al. (2001) in Taxon (50: 915-917), which was approved and incorporated into the Vienna Code]

- [*Festuca arundinacea* Schreb.] - Dom01, GPF, IMF, SF!, UTF, W&W, E/W, Derbyshire03, Snow03
[*Festuca elatior* L. var. *arundinacea* (Schreb.) Celak.] - HDH
[*Lolium arundinaceum* (Schreb.) Derbysh.] - KTZ

* *Schedonorus pratensis* (Huds.) P. Beauvois. - RBS, FNA

- [*Festuca pratensis* Huds. - Dom01, GPF, IMF, SF!, UTF, W&W, E/W, Snow03
[*Festuca elatior* L. var. *elatior*] - HDH
[*Lolium pratense* (Huds.) Derbysh.] - KTZ

Schizachne purpurascens (Torr.) Swallen - RBS, Dom01, GPF, HDH, KTZ, SF!, W&W, E/W

- Schizachyrium scoparium* (Michx.) Nash var. *scoparium* - FNA, IMF, KTZ, E/W
[*Andropogon scoparius* Michx.] - HDH
[*Andropogon scoparius* Michx. var. *neomexicanus* (Nash) Hitchc.] - GPF
[*Schizachyrium scoparium* (Michx.) Nash] - Dom01, RBS, SF!, UTF, W&W
[*Schizachyrium scoparium* (Michx.) Nash var. *neomexicanum* (Nash) Gould] - IMF

Sclerochloa dura (L.) P. Beauvois. - RBS, FNA, GPF, HDH, IMF, KTZ, SFW, UTF, W&W, W

Scleropogon brevifolius Phil. - FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

Secale cereale L. - RBS, Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Seteria

[NS - *Seteria* is demonstrably polyphyletic and members in our region fall out in separate clades; Dom01 summarizes these findings but do not yet suggest nomenclatural changes]

(Identification sources: _____)

- **Setaria adhaerans* (Forssk.) Chiov. - FNA
- Setaria faberi* R.A.W. Herrn. - FNA
- Setaria grisebachii* E. Fourr. - FNA
- * *Setaria italica* (L.) P. Beauv. - RBS, Dorn01, RBS, FNA, GPF, HDH, KTZ, W&W
- Setaria leucopila* (Scribn. & Merr.) K. Schum. - RBS, FNA, RBS, GPF, KTZ, SFE, W&W, E
[*Setaria macrostachya* Kunth] - HDH
- Setaria pumila* (Poir.) Roem. & Schult. subsp. *pumila* - RBS, FNA
- Setaria pumila* (Poir.) Roem. & Schult. subsp. *pallidifusca* (Schumacker) B. K. Simon - FNA, KTZ
[*Setaria glauca* (L.) P. Beauv.] - Dorn01, W&W^{1/2}
- Setaria verticillata* (L.) P. Beauv. var. *verticillata* - FNA, E/W
[*Setaria verticillata* (L.) P. Beauv.] - RBS, Dorn01, RBS, GPF, HDH, IMF, KTZ, SF1, UTF, W&W
- Setaria viridis* (L.) P. Beauv. - RBS, Dorn01, RBS, FNA, GPF, HDH, IMF, SF1, W&W, E/W
[*Setaria viridis* (L.) P. Beauv. var. *viridis*] - KTZ
- Setaria vulpiseta* (Lam.) Roem. & Schult. - KTZ

Sitanion (see *Elymus*).

- Sorghastrum nutans* (L.) Nash - Dorn01, RBS, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
[*Sorghastrum avenaceum* (Michx.) Nash] - SF1, W&W
- Sorghum bicolor* (L.) Moench subsp. *bicolor* - GPF, KTZ
[*Sorghum bicolor* (L.) Moench] - FNA, RBS, IMF, UTF
[*Sorghum vulgare* Pers.] - HDH, W&W
- Sorghum halepense* (L.) Pers. - Dorn01, RBS, FNA, GPF, HDH, IMF, KTZ, SFE, W&W, E

- Spartina gracilis* Trin. - Dorn01, FNA, RBS, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W
- Spartina pectinata* Link - Dorn01, FNA, RBS, GPF, HDH, IMF, SFE, UTF, W&W, E
[*Spartina pectinata* Bosc ex Link] - KTZ

- Sphenopholis obtusata* (Michx.) Scribn. var. *major* (Torr.) K. S. Erden. - Dorn01, GPF, IMF, E/W
[*Sphenopholis intermedia* (Rydb.) Rydb.] - FNA, HDH, KTZ
[*Sphenopholis obtusata* (Michx.) Scribn.] - SF1, UTF, W&W
- Sphenopholis obtusata* (Michx.) Scribn. var. *obtusata* - Dorn01, GPF, IMF, E/W
[*Sphenopholis obtusata* (Michx.) Scribn.] - HDH, KTZ, SF1, UTF, W&W

Sporobolus

- (Identification sources: _____)
- Sporobolus airoides* (Torr.) Torr. - Dorn01, FNA, RBS, GPF, HDH, KTZ, SF1, W&W
[*Sporobolus airoides* (Torr.) Torr. var. *airoides*] - IMF, UTF, E/W
 - Sporobolus compositus* (Poir.) Merr. var. *compositus* - FNA, KTZ, E
[*Sporobolus asper* (Michx.) Kunth] - HDH, IMF, SFE, UTF, W&W
[*Sporobolus asper* (Michx.) Kunth var. *asper*] - GPF
[*Sporobolus compositus* (Poir.) Merr.] - Dorn01, RBS

- Sporobolus contractus* Hitchc. - FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E/W
Sporobolus cryptandrus (Torr.) A.Gray - Dom01, RBS, FNA, GPF, HDH, KTZ,
 SF!, UTF, W&W, E/W
Sporobolus flexuosus (Thurb. ex Vasey) Rydb. - FNA, RBS, KTZ, W&W, W
 [Sporobolus flexuosus (Thurb.) Rydb.] - GPF, IMF, SFW, UTF, W&W¹
Sporobolus giganteus Nash - FNA, RBS, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E/W
Sporobolus heterolepis (A. Gray) A. Gray - Dom01, RBS, FNA, GPF, HDH, KTZ, SFE, W&W,
 E
Sporobolus nealleyi Vasey - FNA, RBS, HDH rep. misid., KTZ, SFE, W&W, misid., W&W¹, E
Sporobolus neglectus Nash - FNA, RBS, GPF, HDH, KTZ, SFE, W&W, E
Sporobolus pyramidatus (Lam.) Hitchc. - FNA, RBS, GPF, HDH, W&W (mislabeled)
 [Sporobolus coremondelianus (Retz.) Kunth] - KTZ
 [Sporobolus pulvinaris Swallen] - IMF, UTF
Sporobolus texanus Vasey - RBS, GPF, HDH, KTZ, SFE, UTF, W&W, E
Sporobolus wrightii Munro ex Scribn. - FNA

Stipa (see also Achnatherum, Nasella, Oryzopsis, Pappostipa, Piptatherum, Ptilagrostis)

[NS - The generic boundaries used in FNA largely are supported by several molecular data sets, e.g.
 Romaščenko08 and Barkworth08. Some aspects of the phylogeny of Stipeae are unresolved. *Stipa* s.s. is
 restricted to Eurasia. *Achnatherum*, *Jarava* and *Oryzopsis* [as circumscribed traditionally and here for now] are
 polyphyletic. Cialdella07 also summarizes recent insights for *Piptochaetium* and portions of *Stipeae*. It now
 seems more appropriate to follow the treatment in FNA, understanding that more transfers will be forthcoming.]

X Stiporyzopsis (see Achnatherum)

Thinopyrum (see Elymus)

- Torreyocthion pallida* (Torr.) G. L. Church var. *pauciflora* (J. Presl) J. L. Davis - RBS, Dom01,
 KTZ, E/W
 [Glyceria pauciflora J. Presl] - HDH
 [Puccinellia pauciflora (J. Presl) Marz] - IMF, UTF
 [Torreyocthion pallida (Torr.) Church var. *fernaldii* (Hitchc.) Dom ex Koyama & Kawano] - Dom01
 [Torreyocthion pauciflora (J. Presl) G. L. Church] - SF!, W&W

Trichachne (see Digitaria)

Tridens (see also Erioneuron)

- {*Tridens albescens* (Vasey) Wooton & Standl.} - FNA, GPF, HDH, KTZ, W&W, label:
 "Colorado"; needs confirmation
 [NS - FNA indicates adjacent county in KS]
{*Tridens muticus* (Torr.) Nash var. *muticus*} - HDH, misid., IMF, KTZ <AZ, NM, OK,
 UT>, UTF, W&W
Tridens muticus (Torr.) Nash var. *elongatus* (Buckley) Shinners - GPF, KTZ, SFE, W&W, E
 [*Tridens elongatus* (Buckley) Nash] - HDH
 [*Tridens muticus* (Torr.) Nash] - FNA, RBS
{*Tridens strictus* (Nutt.) Nash} - FNA
 [NS - present in adjacent county in OK fide FNA; probably in CO or NM]

- Triplasis purpurea* (Walter) Chapman - FNA, RBS, GPF, HDH, KTZ, SFE, W&W, E

Trisetum

(Identification sources: _____)

Trisetum canescens Buckley - RBS, Dorn01, FNA, KTZ

- [*Trisetum cernuum* Trin.] - KTZ
- [*Trisetum cernuum* spp. *canescens* (Buckl.) Calder & Taylor] - KTZ
- [*Trisetum cernuum* var. *canescens* (Buckl.) Beal] - KTZ
- [*Trisetum cernuum* var. *projectum* (Louis-Marie) Beal] - KTZ
- [*Trisetum spicatum* var. *projectum* (Louis-Marie) J. T. Howell] - KTZ

**Trisetum flavescens* (L.) P. Beauv. - RBS, FNA, GPF, HDH

- [*Avena flava* L.] - KTZ

Trisetum interruptum Buckley - RBS, FNA, GPF, HDH, KTZ, W&W

Trisetum spicatum (L.) K. Richt. - RBS, Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W

- [*Trisetum montanum* Vasey] - HDH, IMF, SFE, UTF, W&W¹

- [*Trisetum montanum* Vasey var. *sherilii* Louis-Marie]

- [*Trisetum spicatum* (L.) K. Richt. subsp. *alaskanum* (Nash) Hultén] - SF1, W&W¹

- [*Trisetum spicatum* (L.) K. Richt. subsp. *alaskanum* Hultén] - KTZ

- [*Trisetum spicatum* (L.) K. Richt. subsp. *congdonii* (Scribn. & Merrill) Hultén] - SF1, W&W¹

- [*Trisetum spicatum* (L.) K. Richt. subsp. *molle* (Michx.) Hultén] - W&W, W&W¹, err. rep.

Triticum aestivum L. - RBS, Dorn01, GPF, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

Vahlodea (see also Deschampsia)

Vahlodea atropurpurea (Wahlenb.) Fr. ex Hartman - RBS, FNA, KTZ

- [*Deschampsia atropurpurea* (Wahlenb.) Scheele var. *latifolia* (Hook.) Scribn. ex Macoun] - E/W

- [*Deschampsia atropurpurea* (Wahlenb.) Scheele] - HDH

- [*Vahlodea atropurpurea* (Wahlenb.) Fr. subsp. *atropurpurea*] - W&W¹, err. rep.

- [*Vahlodea atropurpurea* (Wahlenb.) Fr. ex Hartman subsp. *latifolia* (Hook.) Persk!] - W&W¹

- [*Vahlodea atropurpurea* (Wahlenb.) Fr. subsp. *paramashirensis* (Kudo) Hultén] - W&W, W&W¹, err. rep.

Vulpia myuros (L.) C. C. Gmel. - FNA

Vulpia octoflora (Walter) Rydb. - RBS, Dorn01, SF¹, W&W, E/W

- [*Festuca octoflora* Walter] - GPF, UTF

- [*Festuca octoflora* Walter var. *glauca* Fernald] - HDH

- [*Festuca octoflora* Walter var. *hirtella* (Piper)] - HDH

- [*Festuca octoflora* Walter var. *tenella* (Willd.) Fernald] - HDH

- [*Vulpia octoflora* (Walter) Rydb. var. *glauca* (Nutt.) Fernald] - IMF, KTZ

- [*Vulpia octoflora* (Walter) Rydb. var. *hirtella* (Piper) Bernhard] - IMF, KTZ

- [*Vulpia octoflora* (Walter) Rydb. var. *octoflora*] - IMF, KTZ

♦ *Zea mays* L. - HDH, RBS, IMF, UTF

- [*Zea mays* L. subsp. *mays*] - KTZ

{*Zizania aquatica* L. var. *angustifolia* Hitchc.] - HDH, planted, not persisted, W&W, planted, deceased

- [*Zizania palustris* L. var. *palustris*] - KTZ

Polemoniaceae - PLM

[NS - See Porter98, Porter00, and Grant04, whose taxonomies differ considerably]

Aliciella

(Identification sources: _____)

Aliciella haydenii (A. Gray) J. M. Porter subsp. *crandallii* (Rydb.) J. M. Porter - W&W[†], W, Porter98, 00

[*Gilia haydenii* A. Gray] - HDH, IMF, KTZ, SFW, W&W

Aliciella haydenii (A. Gray) J. M. Porter subsp. *haydenii* - Porter98, 00, W

[*Aliciella haydenii* (A. Gray) J. M. Porter] - W&W[†]

[*Gilia haydenii* A. Gray] - HDH, IMF, KTZ, SFW, UTF, W&W

[*Gilia montezumae* Tidestr. & Dayton] - HDH

Aliciella leptomeria (A. Gray) J. M. Porter - Dorn01, W&W[†], Porter98, 00

[*Gilia leptomeria* A. Gray] - HDH, KTZ, W&W

[*Gilia leptomeria* A. Gray var. *leptomeria*] - IMF, UTF

Aliciella mcvickernae (M. E. Jones) J. M. Porter - Dorn01

Aliciella micromeria (A. Gray) J. M. Porter - W&W[†]; Porter98, 00, W

[*Gilia leptomeria* A. Gray var. *micromeria* (A. Gray) Cronquist] - IMF, UTF

[*Gilia micromeria* A. Gray] - KTZ, SFW, W&W

◆ *Aliciella penstemonoides* (M. E. Jones) J. M. Porter - **ENDEMIC** <CO>, W&W[†]; Porter98, Porter00, W

[*Gilia penstemonoides* M. E. Jones] - KTZ, SFW, W&W

[*Gilia sedifolia* Brandegee] - W&W

Aliciella pinnatifida (A. Gray) J. M. Porter - Dorn01, Porter00, E/W

[*Aliciella pinnatifida* (Nutt. ex A. Gray) J. M. Porter] - W&W[†]; Porter98

[*Gilia calcarea* M. E. Jones] - HDH

[*Gilia pinnatifida* Nutt.] - SF, UTF, W&W

[*Gilia pinnatifida* Nutt. ex A. Gray] - GPF, IMF, KTZ

◆ *Aliciella sedifolia* (Brandegee) J. M. Porter - **ENDEMIC** <CO>, W&W[†]; Porter98, 00, W

[*Gilia sedifolia* Brandegee] - KTZ, SFW

Aliciella stenothysra (A. Gray) J. M. Porter - W&W[†]; Porter98, 00, W

[*Gilia stenothysra* A. Gray] - IMF, KTZ, UTF, W&W

[*Gilia stenothysra* M. E. Jones] - SF/W

Aliciella subcaulis (Rydb.) J. M. Porter & L. A. Johnson - Porter00

[*Aliciella leptomeria* (A. Gray) J. M. Porter] - W&W[†]

[*Gilia inconspicua* (Sm.) Dougl.] - W&W

[*Gilia leptomeria* A. Gray var. *leptomeria*] - IMF

[*Gilia subcaulis* Rydb.] - KTZ, UTF

Aliciella subnuda (A. Gray) J. M. Porter - Porter00, Smith99?

[*Aliciella subnuda* (Torr. ex A. Gray) J. M. Porter] - W&W[†]; Porter98 <AZ, NM, UT>

[*Gilia subnuda* Torr.] - W&W

[*Gilia subnuda* Torr. ex A. Gray] - IMF, KTZ, UTF

Aliciella triodon (Eastw.) Brand - W&W[†]; Porter98, 00, W

[*Gilia leptomeria* A. Gray var. *leptomeria*] - IMF, UTF

[*Gilia triodon* Eastw.] - KTZ, SFW, W&W

Colloenia grandiflora Douglas ex Lindl. -HDH, IMF, KTZ, UTF, W&W, Porter00, W

[*Colloenia grandiflora* Douglas] - SFW

Colloenia linearis Nutt. - Dorn01, GPF, HDH, IMF, KTZ, SF[†], UTF, W&W, Porter00, E/W

Eriastrum wilcoxii (A. Nels.) Nason - Dorn01, KTZ

[*Eriastrum sparsiflorum* var. *wilcoxii* (A. Nels.) Cronq.] - KTZ

Eriastrum diffusum (A. Gray) H. Mason - IMF, KTZ, SFW, UTF, W&W, Porter00, W

Gilia

(Identification sources: _____)

Gilia (see also **Aliciella**, **Ipomopsis**, **Giliastrum**, **Lathrocasis**, **Navarretia**)

Gilia clokeyi H. Mason - KTZ, W&W, Porter00, W

[*Gilia clokeyi* Rydb.] - SFW

[*Gilia inconspicua* (Sm.) Sweet var. *inconspicua*] - IMF, UTF

Gilia inconspicua (Sm.) Sweet - KTZ, Porter00

[*Gilia inconspicua* (Sm.) Dougl.] - W&W

[*Gilia inconspicua* (Sm.) Sweet var. *inconspicua*] - IMF, UTF

Gilia ophthalmoides Brand - Dom01, KTZ, SF!, W&W, Porter00, E/W

[*Gilia inconspicua* (Sm.) Sweet var. *inconspicua*] - IMF, UTF

Gilia sinuata Douglas ex Benth. - HDH, KTZ, W&W, Porter00, W

[*Gilia inconspicua* (Sm.) Sweet var. *sinuata* (Dougl.) A. Gray] - IMF, UTF

[*Gilia sinuata* Douglas] - SFW

Gilia tweedyi Rydb. - Dom01, KTZ, SFW, W&W, Porter00, W

[*Gilia inconspicua* (Sm.) Sweet var. *tweedyi* (Rydb.) Cronq.] - IMF

Giliastrum acerissimum (A. Gray) Rydb. - Porter00, E

[*Gilia acerosa* (A. Gray) Britton] - HDH

[*Gilia rigidula* Benth.] - GPF

[*Gilia rigidula* Benth. subsp. *acerosa* (A. Gray) Wherry] - KTZ

[*Giliastrum rigidulum* (Benth.) Rydb. subsp. *acerosum* (A. Gray) W. A. Weber] - SFE, W&W

Gymnosteris parvula (Rydb.) A. Heller - Dom01, HDH, SWF, UTF; Porter00, E/W

[*Gymnosteris parvula* A. Heller] - Dom01, IMF, KTZ, SFE, W&W

Ipomopsis

(Identification sources: _____)

Ipomopsis aggregata (Pursh) V. E. Grant subsp. *aggregata* - KTZ, SFW, W&W, Porter00, W

[*Gilia aggregata* (Pursh) Spreng. subsp. *aggregata*] - HDH

[*Gilia aggregata* (Pursh) Spreng. var. *aggregata*] - IMF, UTF

[*Ipomopsis aggregata* (Pursh) V. E. Grant var. *aggregata*] - Dom01

Ipomopsis aggregata (Pursh) V. E. Grant subsp. *attenuata* (A. Gray) V. E. Grant & A. D. Grant - KTZ, SF!, W&W, Porter00, E/W

[*Gilia aggregata* (Pursh) Spreng. var. *attenuata* A. Gray] - IMF

[*Gilia attenuata* (A. Gray) A. Nels.] - HDH

[*Ipomopsis aggregata* (Pursh) V. E. Grant var. *attenuata* (A. Gray) Dom] - Dom01

Ipomopsis aggregata (Pursh) V. E. Grant subsp. *candida* (Rydb.) V. E. Grant & A. D. Grant - KTZ, SFE, W&W, Porter00, E

[*Gilia aggregata* (Pursh) Spreng. var. *candida* (Rydb.) Cronq.] - IMF

[*Gilia candida* Rydb. subsp. *candida*] - HDH

[*Gilia candida* Rydb. subsp. *vera* Wherry] - HDH

Ipomopsis aggregata (Pursh) V. E. Grant subsp. *collina* (Greene) Wilken & Allard - KTZ, SFE, W&W, Porter00, E

[*Gilia aggregata* (Pursh) Spreng., intermediate between var. *candida* (Rydb.) Cronq. and var. *maculata* M. E. Jones] - IMF

- [*Gilia candida* Rydb. subsp. *collina* (Greene) Wherry] - HDH
Ipomopsis aggregata (Pursh) V. E. Grant subsp. *formosissima* (Greene) Wherry - KTZ, SFW, W&W, Porter00, W
 [WJ - taxon is same as subsp. *aggregata* with stamens slightly exserted]
 [*Gilia aggregata* (Pursh) Spreng. subsp. *formosissima* (Greene) Wherry] - HDH
 [*Gilia aggregata* (Pursh) Spreng. var. *maculata* M. E. Jones] - IMF
 [*Gilia texana* (Greene) Wooton & Standl.] - HDH
 [*Ipomopsis aggregata* (Pursh) V. E. Grant var. *maculata* (M. E. Jones) S. Welsh] - UT3
Ipomopsis aggregata (Pursh) V. E. Grant var. *tenuituba* (Rydb.) Dorn - Dorn01
Ipomopsis aggregata (Pursh) V. E. Grant subsp. *weberi* V. E. Grant & Wilken - KTZ, SF1, W&W, Porter00, E/W
 [WJ - not separable from subsp. *atenuata*]
 [*Ipomopsis aggregata* (Pursh) V. E. Grant var. *weberi* (V. E. Grant & Wilken) Dorn] - Dorn01
 {*Ipomopsis arizonica* (Greene) Wherry} - KTZ <AZ, UT>, W&W, err. rep., Porter00
 [*Gilia aggregata* (Pursh) Spreng. var. *arizonica* (Greene) Fosberg] - IMF, UTF
 [*Gilia arizonica* (Greene) Rydb.] - HDH, exp.
 [*Ipomopsis aggregata* (Pursh) V. E. Grant subsp. *arizonica* (Greene) V. E. Grant & A. E. Grant] - W&W¹, err. rep.
Ipomopsis congesta (Hook.) V. E. Grant subsp. *congesta* - GPF, KTZ, W&W, Porter00, E/W
 [*Gilia congesta* Hook. var. *congesta*] - HDH, IMF, UTF
 [*Ipomopsis congesta* (Hook.) V. E. Grant var. *congesta*] - Dorn01, SF1
Ipomopsis congesta (Hook.) V. E. Grant subsp. *frutescens* (Rydb.) A. G. Day - KTZ, SF1, W&W, Porter00, E/W
 [*Gilia congesta* Hook. var. *barleyana* (A. Nels.) Constance & Rollins] - HDH
 [*Gilia congesta* Hook. var. *frutescens* (Rydb.) Cregg] - IMF, UTF
 [*Ipomopsis congesta* (Hook.) V. E. Grant var. *frutescens* (Rydb.) S. Welsh] - UT3
Ipomopsis crebrifolia (Nutt.) Dorn - Dorn01
 [*Gilia congesta* Hook. var. *crebrifolia* (Nutt.) A. Gray] - IMF, UTF
 [*Ipomopsis congesta* (Hook.) V. E. Grant subsp. *crebrifolia* (Nutt.) A. G. Day] - KTZ, W&W, Porter00
 [*Ipomopsis congesta* (Hook.) V. E. Grant subsp. *crebrifolia* (Rydb.) A. G. Day] - W&W¹
 [*Ipomopsis congesta* (Hook.) V. E. Grant var. *crebrifolia* (Nutt.) S. Welsh] - UT3
Ipomopsis gunnisonii (Torr. & A. Gray) V. E. Grant - KTZ, SFW, W&W, Porter00, W
 [*Gilia gunnisonii* Torr. & A. Gray] - HDH, IMF, UTF
Ipomopsis laxiflora (J. M. Coulth.) V. E. Grant - GPF, KTZ, SFE, W&W, Porter00, E
 [*Gilia laxifolia* (J. M. Coulth.) Osterh.] - HDH
Ipomopsis longiflora (Torr.) V. E. Grant subsp. *longiflora* - KTZ, Porter00, E/W
 [*Gilia longiflora* (Torr.) G. Don] - HDH, IMF, UTF
 [*Ipomopsis longiflora* (Torr.) V. E. Grant] - Dorn01, SF1, W&W¹
Ipomopsis multiflora (Nutt.) V. E. Grant - KTZ, SFE, W&W, Porter00, E
Ipomopsis polyantha (Rydb.) V. E. Grant - KTZ, SFW, W&W, Porter00, W
 [*Gilia polyantha* Rydb.] - HDH, IMF, UTF
 [*Gilia polyantha* Rydb. var. *polyantha*] - IMF
Ipomopsis polycladon (Torr.) V. E. Grant - Dorn01, KTZ, SFW, Porter00, W
 [*Gilia polycladon* Torr.] - HDH
 [*Ipomopsis polycladon* Torr.] - W&W
Ipomopsis pumila (Nutt.) V. E. Grant - Dorn01, GPF, KTZ, SF1, W&W, Porter00, E/W
 [*Gilia pumila* Nutt.] - HDH, IMF, UTF
Ipomopsis roseata (Rydb.) V. E. Grant - KTZ, SFW, W&W, Porter00, W
 [*Gilia roseata* Rydb.] - HDH, IMF, UTF
 ♦ *Ipomopsis spicata* (Nutt.) V. E. Grant subsp. *capitata* (A. Gray) V. E. Grant - **ENDEMIC**
 <CO>, KTZ, Porter00, E/W
 [*Gilia spicata* Nutt. var. *capitata* A. Gray] - HDH, IMF
 [*Ipomopsis globularis* (Brand) W. A. Weber] - KTZ, SF1, WJ, W&W

Ipomopsis spicata (Nutt.) V. E. Grant subsp. *spicata* - Dorn01, KTZ, PL, Porter00, E/W
[*Gilia spicata* Nutt. var. *spicata*] - HDH, IMF, UTF

[*Ipomopsis spicata* (Nutt.) V. E. Grant] - GPF, SFT, W&W

[*Ipomopsis spicata* (Nutt.) V. E. Grant var. *spicata*] - RMC

Ipomopsis tenuituba (Rydb.) V. E. Grant subsp. *tenuituba* - KTZ, Porter00, W

[*Gilia tenuituba* Rydb.] - HDH

[*Ipomopsis tenuituba* (Rydb.) V. E. Grant] - SFW, W&W

[*Ipomopsis tenuituba* (Rydb.) V. E. Grant var. *tenuituba*] - RMC

Lathrocasis tenerima (A. Gray) L. A. Johnson - Dorn01

[*Gilia tenerima* A. Gray] - KTZ

Leptodactylon (see *Linanthus*)

{*Leptosiphon floribundus* (A. Gray) J. M. Porter & L. A. Johnson subsp. *floribundus*} -
Porter00

[*Linanthus floribundus* (A. Gray) Greene ex Milliken subsp. *floribundus*] - KTZ <AZ, NM>

[*Linanthastrum floribundum* (A. Gray) Wherry] - HDH, W&W, misapp.

[*Linanthastrum nuttallii* (A. Gray) Ewan subsp. *floribundum* (A. Gray) Ewas] - IMF

Leptosiphon nuttallii (A. Gray) J. M. Porter & L. A. Johnson subsp. *nuttallii* - Porter00, E/W

[*Leptosiphon nuttallii* (A. Gray) J. M. Porter & L. A. Johnson]

[*Linanthus nuttallii* (A. Gray) Greene ex Milliken subsp. *nuttallii*] - KTZ

[*Linanthastrum nuttallii* (A. Gray) Ewan] - HDH, SFT, UTF, W&W

[*Linanthastrum nuttallii* (A. Gray) Ewan var. *nuttallii*] - IMF

Leptosiphon septentrionalis (H. Mason) J. M. Porter & L. A. Johnson - Dorn01, Porter00, E/W

[*Linanthus harknessii* (Curran) Greene var. *septentrionalis* (H. Mason) Jeps. & V. L. Bailey] - HDH, SFE,

W&W

[*Linanthus harknessii* (Curran) Greene var. *septentrionalis* (Jepson) V. L. Bailey] - SFW

[*Linanthus septentrionalis* H. Mason] - GPF, IMF, KTZ, UTF

Linanthastrum (see *Leptosiphon*)

Linanthus (see also *Leptosiphon*)

Linanthus cespitosus (Nutt.) J. M. Porter & L. A. Johnson - Dorn01, Porter00, E/W

[*Leptodactylon caespitosum* Nutt.] - GPF, HDH, IMF, KTZ, SFT, UTF, W&W

Linanthus pungens (Torr.) J. M. Porter & L. A. Johnson - Dorn01, Porter00, E/W

[*Leptodactylon pungens* (Torr.) Nutt.] - GPF, SFT, UTF

[*Leptodactylon pungens* (Torr.) Rydb.] - W&W

[*Leptodactylon pungens* (Torr.) Torr. ex Nutt.] - KTZ

[*Leptodactylon pungens* (Torr.) Rydb. subsp. *brevifolium* (Rydb.) Wherry] - HDH

[*Leptodactylon pungens* (Torr.) Rydb. subsp. *pungens*] - HDH

[*Leptodactylon pungens* (Torr.) Nutt. var. *pungens*] - IMF

Linanthus watsonii (A. Gray) Wherry - Dorn01, Porter00, W

[*Leptodactylon watsonii* (A. Gray) Rydb.] - HDH, IMF, KTZ, SFW, UTF, W&W

Microsteris gracilis (Hook.) Greene var. *gracilis* - Dorn01

[*Gilia gracilis* Hook.] - KTZ

[*Phlox gracilis* (Hook.) Greene subsp. *gracilis*] - KTZ

Microsteris gracilis (Dougl.) ex Hook. Greene subsp. *humilior* (Greene) H. Mason - Porter00,

E/W

[*Microsteris gracilis* (Hook.) Greene] - SFT, GPF

[*Microsteris gracilis* (Hook.) Greene var. *humilior* (Hook.) Cronquist] - Dorn01, IMF, UTF

[*Microsteris gracilis* (Dougl. ex Hook.) Greene subsp. *humilis* (Greene) V. Grant] - W&W
[*Microsteris gracilis* (Hook.) Greene var. *humilis* (Hook.) Cronquist] - KTZ
[*Microsteris humilis* (Douglas) Greene] - HDH
[*Phlox gracilis* (Hook.) Greene subsp. *humilis* (Greene) H. Mason] - KTZ

Navarretia breweri (A. Gray) Greene - Dom01, HDH, IMF, KTZ, SFW, W&W, Porter00, W
Navarretia intertexta (Benth.) Hook. subsp. *propinquua* (Suksd.) A. G. Day - KTZ, Porter00, E/W
[*Navarretia intertexta* (Benth.) Hook.] - UTF
[*Navarretia leucocephala* Benth. subsp. *minima* (Nutt.) A. G. Day] - KTZ
[*Navarretia intertexta* (Benth.) Hook. var. *propinquua* (Suksd.) Brand] - Dom01, GPF, IMF
[*Navarretia minima* Nutt.] - GPF, HDH, SPL, W&W

Navarretia saximontana Stanley C. Spencer - Spencer03

[NS - L. Johnson [BRY, pers. comm. 2007] indicates that genetically this is likely 3 distinct taxa]

Navarretia sinistra (M. E. Jones) L. A. Johnson subsp. *sinistra* - Porter00, E/W
[*Gilia capillaris* Kellogg] - IMF
[*Gilia sinistra* M. E. Jones] - SPL, W&W
[*Gilia sinistra* M. E. Jones subsp. *sinistra*] - KTZ

Phlox (see also *Microsteris*)

(Identification sources: _____)

Phlox alyssifolia Greene - Dom01

[*Phlox alyssifolia* Greene subsp. *alyssifolia*] - KTZ
[*Phlox alyssifolia* subsp. *vera* Wherry] - KTZ

Phlox andicola E. E. Nelson subsp. *andicola* - KTZ, Porter00, E
[*Phlox andicola* E. E. Nelson] - Dom01

[*Phlox andicola* Nutt.] - SFE
[*Phlox andicola* Nutt. ex A. Gray] - GPF
[*Phlox andicola* (Nutt. ex Torr. & A. Gray) E. E. Nelson] - W&W
[*Phlox andicola* (Britton) E. E. Nelson subsp. *andicola*] - HDH
[*Phlox andicola* (Britton) E. E. Nelson subsp. *planitiam* (A. Nelson) Wherry] - HDH

Phlox austromontana Coville subsp. *austromontana* - KTZ, Porter00, E/W
[*Phlox austromontana* Coville] - IMF, SPL, W&W
[*Phlox austromontana* Coville subsp. *vera* Wherry] - HDH
[*Phlox austromontana* Coville var. *austromontana*] - UTF

Phlox austromontana Coville subsp. *densa* (Brand) Wherry - KTZ, Porter00
[*Phlox austromontana* Coville] - IMF, W&W
[*Phlox austromontana* Coville var. *austromontana*] - UTF

{*Phlox caespitosa* Nutt.] - Porter00

[*Phlox caespitosa* Nutt.] - IMF, KTZ, W&W, misapp.
[*Phlox caespitosa* Nutt. subsp. *caespitosa*] - HDH

Phlox caryophylla Wherry - HDH, KTZ, SFW, W&W, Porter00, W

Phlox condensata (A. Gray) E. E. Nelson - IMF, KTZ, SPL, W&W, Porter00, E/W
[WJ - *P. pulvinata* is a subalpine ecotype of *P. condensata*]
[*Phlox caespitosa* Nutt. subsp. *condensata* (A. Gray) Wherry] - HDH

{*Phlox diffusa* Benth. subsp. *diffusa*] - HDH, W&W, misid., Porter00
[*Phlox diffusa* Benth.] - W&W¹
[*Phlox diffusa* Benth. subsp. *diffusa*] - KTZ

[*Phlox diffusa* Benth. var. *diffusa*] - IMF
[*Phlox diffusa* Benth. subsp. *longistylis* Wherry] - KTZ
[*Phlox diffusa* Benth. var. *longistylis* (Wherry) M. E. Peck] - IMF

{*Phlox diffusa* Benth. subsp. *subcarinata* Wherry] - KTZ, Porter00

- {WJ - not in Colorado, a taxon from the northwest}
 [Phlox austromontana Coville] - IMF
- Phlox hoodii Richardson - Dorn01, GPF, W&W, E/W
 [Phlox hoodii Richardson subsp. canescens (Torr. & A. Gray) Wherry] - HDH, KTZ, SF!, Porter00
 [Phlox hoodii Richardson subsp. glaberrima (E. E. Nelson) Wherry] - HDH, KTZ, Porter00
 [Phlox hoodii Richardson subsp. hoodii] - HDH, KTZ, Porter00
 [Phlox hoodii Richardson var. hoodii] - IMF
 [Phlox hoodii Richardson var. canescens (Torr. & A. Gray) M. E. Peck] - IMF, UTF
- Phlox kelseyi Britton - Dorn01, IMF, E
 {WJ - W&W have identified specimens of this taxon as P. pulvinata}
 [Phlox kelseyi Britton subsp. kelseyi] - KTZ <WY> Porter00
 [Phlox kelseyi Britton subsp. salina (M. E. Jones) Wherry] - KTZ, SFE, W&W misid.
- Phlox longifolia Nutt. subsp. longifolia - HDH, KTZ, Porter00, E/W
 [Phlox longifolia Nutt.] - Dorn01, SF!, UTF, W&W
 [Phlox longifolia Nutt. subsp. calva Wherry] - HDH
 [Phlox longifolia Nutt. subsp. certeziana (A. Nelson) Wherry] - HDH
 [Phlox longifolia Nutt. subsp. humilis (Douglas) Wherry] - HDH
 [Phlox longifolia Nutt. var. longifolia] - IMF
- Phlox multiflora A. Nelson - Dorn01, IMF, SF!, UTF, W&W, E/W
 [Phlox multiflora A. Nelson subsp. costata (Ryd.) Wherry] - HDH
 [Phlox multiflora A. Nelson subsp. depressa (E. E. Nelson) Wherry] - HDH, KTZ, Porter00
 [Phlox multiflora A. Nelson subsp. multiflora] - HDH, KTZ, Porter00
 [Phlox multiflora A. Nelson subsp. patula (A. Nelson) Wherry] - KTZ, Porter00
 [Phlox patula A. Nelson] - HDH
- Phlox muscoides Nutt. - Dorn01, IMF, SF!, UTF, W&W^t, Porter00, E/W
 [Phlox bryoides Nutt.] - GPF, HDH, W&W
 [Phlox hoodii Richardson subsp. muscoides (Nutt.) Wherry] - HDH, KTZ
- Phlox nana Nutt. - KTZ
- Phlox opalensis Dorn - Dorn01, KTZ
- Phlox pulvinata (Wherry) Cronquist - Dorn01, IMF, KTZ, UTF, Porter00, E/W
 {WJ - P. pulvinata is a subspecies ecotype of P. condensata}
 [Phlox cespitosa Nutt. subsp. pulvinata Wherry] - HDH
 [Phlox sibirica L. subsp. pulvinata (Wherry) W. A. Weber] - SF!, W&W
 {Phlox stansburyi (Torr.) A. Heller subsp. stansburyi} - HDH, KTZ<AZ,NM,UT>, Porter00
 [Phlox longifolia Nutt.] - UTF
 [Phlox longifolia Nutt. var. stansburyi (Torr.) A. Gray] - IMF
 [Phlox stansburyi (Torr.) A. Heller] - W&W, misapp.
- Phlox "sp. nov." - B. Legler, pers. comm. 2008
 {NS - evidently local endemic from northern NM}
- Phlox variabilis Brand subsp. variabilis - KTZ, Porter00
 {WJ - likely synonymous with P. condensata or P. pulvinata. If P. pulvinata, then P. variabilis has priority}
 [Phlox sibirica L. subsp. pulvinata (Wherry) W. A. Weber] - W&W
 [Phlox variabilis Brand] - HDH
- Phlox viridis E. E. Nelson subsp. longipes (M. E. Jones) Wherry - KTZ, WJ, Porter00
 [Phlox longifolia Nutt.] - W&W
 [Phlox longifolia Nutt. subsp. longipes (M. E. Jones) Wherry] - HDH
 [Phlox longifolia Nutt. var. longifolia] - IMF
- Polemonium brandegeei (A. Gray) Greene - Dorn01, IMF, KTZ, SFE, W&W, Porter00, E/W
 [Polemonium brandegeei Greene] - GPF, SF!
 [Polemonium viscosum Nutt.] - HDH
- ♦ Polemonium confertum A. Gray - ENDEMIC <CO>, IMF, KTZ, SF!, W&W, Porter00, E/W
 [Polemonium viscosum Nutt.] - HDH

- Polemonium foliosissimum* A. Gray - HDH, SF!, W&W, Porter00, E/W
 [Polemonium foliosissimum (A. Gray) A. Gray] - W&W¹
 [Polemonium foliosissimum A. Gray var. *foliosissimum*] - IMF, KTZ, UTF
 [Polemonium foliosissimum A. Gray var. *melle* (Greene) Aasap] - KTZ
- Polemonium occidentale* Greene subsp. *occidentale* - HDH, KTZ, Porter00, E/W
 [Polemonium caeruleum L. subsp. *amygdalatum* (Wherry) Munz] - SF!, W&W
 [Polemonium caeruleum L. var. *pterosperma* Benth.] - UTF
 [Polemonium occidentale Greene] - Dom01, IMF
- Polemonium pulcherrimum* Hook. subsp. *delicatum* (Rydb.) Brand - KTZ, SF!, W&W, Porter00, E/W
 [Polemonium delicatum Rydb.] - HDH
 [Polemonium pulcherrimum Hook. var. *delicatum* (Rydb.) Cronquist] - IMF, UTF
 [Polemonium pulcherrimum Hook.] - Dom01
- Polemonium viscosum* Nutt. - Dom01, HDH, IMF, KTZ, SF!, UTF, W&W, Porter00, E/W

Polygalaceae - PGL

(Identification sources: _____)

- {*Polygala acanthoclada* A. Gray} - HDH rep., KTZ <AZ, UT>, W&W, misapp.
 [*Polygala acanthoclada* A. Gray var. *acanthoclada*] - IMF, UTF
- Polygala alba* Nutt. - Dom01, GPF, HDH, KTZ, SFE, W&W
 [*Polygala alba* Nutt. var. *alba*] - E
- Polygala sanguinea* L. - KWA
 [*Polygala virides* L.] - M&H, KTZ
- Polygala subspinosa* S. Watson - HDH, KTZ, SFW, UTF, W&W, W
 [*Polygala subspinosa* S. Watson var. *subspinosa*] - IMF
- {*Polygala verticillata* L.} - GPF, HDH rep., IMF, UTF, W&W, misapp.
 [*Polygala verticillata* L. var. *isocyla* Fernald] - KTZ <KS, NE, OK, UT, WY>

Polygonaceae - PLG

(Identification sources: _____)

Acetosella (see *Rumex*)

- Bistorta bistortoides* (Pursh) Small - FNA, SF!, W&W
 [*Polygonum bistortoides* Pursh] - KTZ, UTF, E/W
 [*Polygonum bistortoides* Pursh var. *bistortoides*] - HDH
 [*Polygonum bistortoides* Pursh var. *linearifolium* (S. Watson) Small] - HDH
- Bistorta vivipara* (L.) S. Gray - SF!, W&W
 [*Perisciria vivipara* (L.) Rose Decraene] - FNA
 [*Polygonum vivipara* L.] - GPF, HDH, KTZ, UTF, E/W

Eriogonum (see also *Stenogonium*)

(Identification sources: _____)

- Eriogonum aculea* Nutt. - FNA, KTZ, SFW, W&W, W
 [*Eriogonum cespitosum* Nutt. subsp. *aculea* (Nutt.) S. Stokes] - FNA
 [*Eriogonum cespitosum* Nutt. var. *aculea* (Nutt.) R. J. Davis] - FNA

- Eriogonum alatum* Torr. var. *alatum* - FNA, GPF, KTZ, E/W
 [Eriogonum alatum Torr.] - UTF
 [Eriogonum alatum Torr. subsp. *alatum*] - HDH
 [Eriogonum alatum Torr. subsp. *triste* (S. Watson) S. Stokes] - HDH
 [Pterogonum alatum (Torr.) H. Gross] - SF1, W&W
- Eriogonum annuum* Nutt. - FNA, GPF, HDH, KTZ, SFE, W&W, E
- Eriogonum arcuatum* Greene var. *arcuatum* - FNA
 [Eriogonum arcuatum Greene] - HDH
 [Eriogonum bakeri Greene] - FNA
 [Eriogonum flavum Nutt.] - W&W¹
 [Eriogonum flavum Nutt. var. *tectum* (A. Nels.) S. Stokes] - FNA
 [Eriogonum jamesii Benth. subsp. *bakeri* (Greene) S. Stokes] - FNA
 [Eriogonum jamesii Benth. var. *flavescens* S. Watson] - KTZ, UTF, W&W
 [Eriogonum jamesii Benth. var. *higginsii* S. L. Welsh] - FNA
- ◆ *Eriogonum arcuatum* Greene var. *xanthum* (Small) Reveal - **ENDEMIC <CO>**, FNA
 Eriogonum *chloranthum* Greene] - FNA
 [Eriogonum *flavum* Nutt.] - HDH
 [Eriogonum *flavum* Nutt. subsp. *chloranthum* (Greene) S. Stokes] - SF1, W&W¹
 [Eriogonum *jamesii* Benth. var. *xanthum* (Small) Reveal] - KTZ, W&W, E/W
 [Eriogonum *xanthum* Small] - FNA
- Eriogonum batemanii* M. E. Jones - FNA, HDH, KTZ, SFW, W&W, W
- Eriogonum bicolor* M. E. Jones - FNA, HDH, KTZ, SFW, UTF, W&W, W
 [Eriogonum *microthecum* Nutt. subsp. *bicolor* (M. E. Jones) S. Stokes] - FNA
- ◆ *Eriogonum brandegeei* Rydb. - **ENDEMIC <CO>**, KTZ, SFE, W&W, E
 [Eriogonum *spathulatum* A. Gray] - HDH, rep.
- Eriogonum brevicaule* Nutt. var. *brevicaule* - FNA, KTZ, UTF, E/W
 [Eriogonum *brevicaule* Nutt.] - GPF, SF1, W&W
 [Eriogonum *brevicaule* Nutt. var. *grangerense* (M. E. Jones) S. Stokes] - FNA
 [Eriogonum *brevicaule* Nutt. *wasatchense* (M. E. Jones) Reveal] - FNA
 [Eriogonum *campanulatum* Nutt.] - HDH
 [Eriogonum *grangerense* M. E. Jones] - FNA
 [Eriogonum *wasatchense* M. E. Jones] - FNA
- {*Eriogonum brevicaule* Nutt. var. *laxifolium* (Torr. & A. Gray) Reveal} - KTZ <UT, WY>
 [Eriogonum *chrysoccephalum* A. Gray] - HDH rep., W&W, rep.
- Eriogonum brevicaule* Nutt. var. *micranthum* (Nutt.) Reveal - FNA
 [Eriogonum *brevicaule* subsp. *orendense* (A. Nels.) S. Stokes] - KTZ
- {*Eriogonum caespitosum* Nutt.} - HDH, doubtful, KTZ<AZ,UT,WY>, UTF, W&W, err. rep.
- Eriogonum cernuum* Nutt. - FNA, GPF, HDH, SF1, W&W
 [Eriogonum *cernuum* Nutt. var. *cernuum*] - KTZ, UTF, E/W
 [Eriogonum *cernuum* Nutt. var. *psammophilum* S. L. Welsh] - FNA
 [Eriogonum *cernuum* Nutt. subsp. *tenuis* (Torr. & A. Gray) S. Stokes] - FNA
 [Eriogonum *cernuum* Nutt. var. *tenue* Torr. & A. Gray] - FNA
 [Eriogonum *cernuum* Nutt. var. *umbriticare* Eastwood] - FNA
 [Eriogonum *cernuum* Nutt. subsp. *viminale* S. Stokes] - FNA
 [Eriogonum *cernuum* Nutt. var. *viminale* (S. Stokes) Reveal] - FNA
- Eriogonum clavellatum* Small - FNA, KTZ, UTF, W&W, W, UT3
 [Eriogonum *clavellatum* Eastw.] - SF/W
 [Eriogonum *pelinophilum* Reveal] - SFW, W&W
- ◆ *Eriogonum coloradense* Small - **ENDEMIC <CO>**, HDH, KTZ, SF1, W&W, E/W
 [NS - See comments by Reveal in FNA 5: 262 regarding questionable distinctness of this taxon under *E. longchophyllum*]
 [Eriogonum *multiplex* Ness var. *coloradense* (Small) S. Stokes] - FNA
- Eriogonum contortum* Small - FNA, HDH, KTZ, SFW, W&W, W

- [*Eriogonum contortum* Small ex Rydb.] - UTF
 [*Eriogonum effusum* Nutt. subsp. *contortum* (Small ex Rydb.) S. Stokes] - FNA
Eriogonum corymbosum Benth. var. *corymbosum* - KTZ, SFW, UTF, W&W, W
 [*Eriogonum corymbosum* Benth.] - HDH
 [*Eriogonum corymbosum* Benth. var. *divaricatum* Torr. & A. Gray] - FNA
 [*Eriogonum corymbosum* Benth. var. *erectum* Reveal & Brotherson] - FNA
 [*Eriogonum divergens* Small] - FNA
 [*Eriogonum effusum* Nutt. subsp. *divaricatum* (Torr. & A. Gray) S. Stokes] - FNA
 [*Eriogonum effusum* Nutt. subsp. *salsinum* (A. Nels.) S. Stokes] - FNA
 [*Eriogonum salsinum* A. Nelson] - HDH, rep.
Eriogonum corymbosum Benth. var. *orbiculatum* (S. Stokes) Reveal & Brotherson - FNA, KTZ,
 SFW, UTF, W&W, W
 [*Eriogonum divergens* Small] - HDH, exp.
 [*Eriogonum effusum* Nutt. subsp. *orbiculatum* S. Stokes] - FNA
Eriogonum corymbosum Benth. var. *velutinum* Reveal - FNA, KTZ, SFW, W
 [*Eriogonum corymbosum* Benth. var. *orbiculatum* (S. Stokes) Reveal & Brotherson] - UTF
Eriogonum davisonii Greene - KTZ <AZ, UT>, UTF
{*Eriogonum densum* Greene} - HDH, exp., W&W
 [*Eriogonum polycladon* Benth.] - KTZ <AZ, NM, UT>
Eriogonum divaricatum Hook. - FNA, HDH, KTZ, SFW, UTF, W&W, W
Eriogonum ephedroides Reveal - FNA, KTZ, SFW, W&W, W
 [*Eriogonum brevicaule* Nutt. ex *ephedroides* (Reveal) S. L. Welsh] - UTF
Eriogonum effusum Nutt. - FNA, HDH, SFE, W&W
 [*Eriogonum effusum* Nutt. var. *effusum*] - GPF, KTZ
 [*Eriogonum nudicaule* (Torr.) Small] - HDH
 [*Eriogonum microthecum* Nutt. var. *effusum* (Nutt.) Torr. & A. Gray] - E
♦ *Eriogonum exilifolium* Reveal - **ENDEMIC <CO,WY>**, FNA, KTZ, SF!, W&W, E/W
Eriogonum flavum Nutt. var. *flavum* - FNA, KTZ, E/W
 [*Eriogonum flavum* Nutt.] - GPF, HDH, SFE
 [*Eriogonum flavum* Nutt. subsp. *flavum*] - SFW
 [*Eriogonum flavum* Nutt. ex Benth. subsp. *flavum*] - W&W
Eriogonum fusiforme Small - FNA, HDH, KTZ
 [*Eriogonum inflatum* Torr. & Frémont var. *fusiforme* (Small) Reveal] - UTF, W&W
Eriogonum gordonii Benth. - GPF, HDH, KTZ, SFW, UTF, W&W, W
Eriogonum heracleoides Nutt. var. *heracleoides* - FNA, KTZ, W
 [*Eriogonum heracleoides* Nutt.] - HDH, SFW, UTF, W&W
Eriogonum hookeri S. Watson - FNA, HDH, KTZ, SFW, UTF, W&W, W
 [*Eriogonum deflexum* Torr. var. *giltiv* S. Stokes] - FNA
 [*Eriogonum deflexum* Torr. subsp. *hookeri* (S. Watson) S. Stokes] - FNA
Eriogonum inflatum Torr. & Frémont - FNA
 [*Eriogonum fusiforme* Small] - HDH, KTZ
 [*Eriogonum glaucum* Small] - FNA
 [*Eriogonum inflatum* Torr. & Frémont var. *deflattans* I. M. Johnston] - FNA
 [*Eriogonum inflatum* Torr. & Frémont var. *fusiforme* (Small) Reveal] - UTF, W&W
 [*Eriogonum trichopes* Torr. subsp. *glaucum* (Small) S. Stokes] - FNA
 [*Eriogonum inflatum* Torr. & Frémont var. *inflatum* - KTZ, UTF, W&W, W
 [*Eriogonum inflatum* Torr. & Frémont] - HDH, SFW
Eriogonum jamesii Benth. var. *jamesii* - FNA, KTZ, W&W, E/W
 [*Eriogonum jamesii* Benth.] - GPF, HDH, SF!, W&W¹
Eriogonum lachnogynum Torr. ex Benth. var. *colobum* Reveall & A. Clifford
Eriogonum lachnogynum Torr. ex Benth. var. *lachnogynum* - FNA
 [*Eriogonum lachnogynum* Torr. ex Benth.] - HDH, KTZ, W&W, E

- [*Eriogonum lachnogynum* Torr.] - GPF, SFE
 [*Eriogonum tetraneurus* Small] - HDH, rep.
{*Eriogonum leptocladium* Torr. & A. Gray var. *leptocephalon*] - SFW, UTF, W&W, W
 [*Eriogonum leptocladium* Torr. & A. Gray] - HDH, esp.
Eriogonum leptocladium Torr. & A. Gray var. *ramosissimum* (Eastw.) Reveal - FNA, KTZ,
 SFW, UTF, W&W, W
 [*Eriogonum effusum* Nutt. subsp. *pallidum* (Small) S. Stekes] - FNA
 [*Eriogonum leptocladium* Torr. & A. Gray] - HDH, esp.
 [*Eriogonum ramosissimum* Eastw.] - FNA
Eriogonum leptophyllum (Torr. & A. Gray) Wooton & Standl. - FNA, KTZ, W
 [*Eriogonum effusum* Nutt. var. *leptophyllum* Torr.] - FNA
 [*Eriogonum leptophyllum* (Torr.) Wooton & Standl.] - HDH, SFW, UTF, W&W
Eriogonum lonchophyllum Torr. & A. Gray
 [*Eriogonum ainsliei* Standl.] - HDH, esp.
 [*Eriogonum effusum* Nutt. subsp. *fendlerianum* S. Stokes] - GPF
 [*Eriogonum fendlerianum* (Benth.) Small] - GPF <CO>, HDH, SFE, W&W
 [*Eriogonum fendlerianum* (Benth.) Small var. *fendlerianum* (Benth.) Reveal] - KTZ, E
 [*Eriogonum lonchophyllum* Torr. & A. Gray] - HDH, SF!, W&W
 [*Eriogonum lonchophyllum* Torr. & A. Gray var. *intermontanum* (Reveal) Reveal] - FNA
 [*Eriogonum lonchophyllum* Torr. & A. Gray var. *lonchophyllum*] - KTZ, UTF, E/W
 [*Eriogonum lonchophyllum* Torr. & A. Gray var. *nudicaule* (Torr.) Reveal] - FNA
 [*Eriogonum lonchophyllum* Torr. & A. Gray var. *saarinenii* (Reveal) S. L. Welsh] - KTZ <UT>, UTF
 [*Eriogonum salicinum* Greene] - HDH
 [*Eriogonum saarinenii* Reveal] - W&W
 [*Eriogonum scoparium* Small] - HDH
 [*Eriogonum trisulichum* Small] - HDH
{*Eriogonum longifolium* Nutt. var. *lindheimeri* Gand.] - GPF <CO>
 [*Eriogonum longifolium* Nutt. var. *longifolium*] - KTZ <KS, NM, OK>
Eriogonum microthecum Nutt. var. *laxiflorum* Hook. - FNA, KTZ, SFW, UTF, W&W, W
 [*Eriogonum microthecum* Nutt.] - HDH
 [*Eriogonum microthecum* Nutt. var. *foliosum* (Torr. & A. Gray) Reveal] - FNA, PCF
Eriogonum microthecum Nutt. var. *simpsonii* (Benth.) Reveal - FNA, KTZ, SF!, W&W, E/W
 [*Eriogonum simpsonii* Benth.] - HDH
Eriogonum X nebrascense Rydb. - FNA
{*Eriogonum ovalifolium* Nutt. var. *ochroleucum* (Small ex Rydb.) M. Peck] - KTZ
 [*Eriogonum ochroleucum* Small] - HDH
 [*Eriogonum ovalifolium* Nutt.] - UTF, W&W
Eriogonum ovalifolium Nutt. var. *ovalifolium* - FNA, HDH, KTZ, SFW, W
 [*Eriogonum ovalifolium* Nutt.] - W&W
Eriogonum ovalifolium Nutt. var. *purpureum* (Nutt.) T. Durand - FNA, KTZ, W
 [*Eriogonum ovalifolium* Nutt.] - W&W
 [*Eriogonum ovalifolium* Nutt.] - W&W
 [*Eriogonum ovalifolium* Nutt. var. *nevadensis* Gand.] - SFW
 [*Eriogonum ovalifolium* Nutt. var. *purpureum* (Nutt.) A. Nels.] - HDH
Eriogonum palmerianum Reveal - FNA <KTZ, SFW, W&W¹, W
 [*Eriogonum baileyi* var. *tomentosum* S. Wats. non E. *tomentosum* Michx.] - KTZ
 [*Eriogonum planatella* Durand & Hilgard var. *palmeri* (Torr. & A. Gray)] - FNA
Eriogonum pauciflorum Pursh var. *pauciflorum* - FNA
 [*Eriogonum effusum* X E. *pauciflorum*] - W&W
 [*Eriogonum nebrascense* Rydb.] - HDH
 [*Eriogonum X nebrascense* Rydb.] - KTZ
 [*Eriogonum pauciflorum* Pursh var. *graphalodes* (Benth.) Reveal - GPF, KTZ, SFE, W&W, E
 [*Eriogonum pauciflorum* Pursh var. *nebrascense* (Rydb.) Reveal] - GPF
Eriogonum pauciflorum Pursh var. *pauciflorum* - GPF, KTZ <NE, WY>, W&W
 [*Eriogonum multiceps* Nees] - HDH

- [*Eriogonum paciflorum* Pursh] - HDH
- {*Eriogonum pharnaceoides* Torr.} - HDH, exp., W&W
 [*Eriogonum pharnaceoides* Torr. var. *cervinae* Reveal] - KTZ <AZ, UT>
 [*Eriogonum pharnaceoides* Torr. var. *pharnaceoides*] - KTZ <AZ, NM>, UTF
- ♦ *Eriogonum pelinophilum* Reveal - FNA
 [NS - Of grave conservation concern]
- Eriogonum racemosum* Nutt. - FNA, HDH, KTZ, SF!, W&W
 [*Eriogonum racemosum* Nutt. var. *racemosum*] - UTF, E/W
- Eriogonum rotundifolium* Benth. - HDH, KTZ <AZ, NM>, W&W, W&W², err. rep.
- Eriogonum scabrellum* Reveal - FNA, KTZ, SFW, UTF, W&W, W
- Eriogonum shockleyi* S. Watson - FNA, UTF
 [*Eriogonum shockleyi* S. Watson var. *longilobum* (S. Stokes) Reveal] - SFW, W&W, W
 [*Eriogonum shockleyi* S. Watson var. *shockleyi*] - KTZ
- Eriogonum subreniforme* S. Watson - FFC, HDH, KTZ <AZ, NM, UT>, UTF, W&W misid.
 [*Eriogonum filicaule* S. Stokes] - KTZ
- Eriogonum tenellum* Torr. var. *tenellum* - FNA, KTZ, E
 [*Eriogonum tenellum* Torr.] - GPF, HDH, SFE, W&W
- Eriogonum trichopes* Torr. var. *trichopes* - KTZ <AZ, NM, UT>
 [*Eriogonum trichopes* Torr.] - UTF
- Eriogonum tumulosum* (Barneby) Reveal - FNA, KTZ, SFW, UTF, W&W, W
 [*Eriogonum villosulum* A. Gray] - HDH, exp.
 [*Eriogonum villosulum* A. Gray var. *tumulosum* Barneby] - FNA
- Eriogonum umbellatum* Torr. var. *aureum* (Gand.) Reveal - FNA, KTZ, SF!, W&W, E/W
 [*Eriogonum umbellatum* Torr. var. *umbellatum*] - UTF
- Eriogonum umbellatum* Torr. var. *deserticum* Reveal - FNA
 {*Eriogonum umbellatum* Torr. var. *dichrocephalum* Gand.} - KTZ <UT, WY>
 [*Eriogonum umbellatum* Torr. var. *majus* Hook.] - UTF
- Eriogonum umbellatum* Torr. var. *majus* Hook. - FNA, KTZ, UTF, E/W
 [*Eriogonum subspinosum* Greene] - HDH, SF!, W&W
- Eriogonum umbellatum* Torr. var. *porteri* (Small) Stokes - FNA, SFW, UTF, W&W, E/W
 [*Eriogonum umbellatum* Torr. var. *aureum* (Gand.) Reveal] - KTZ, SFE
- ♦ *Eriogonum umbellatum* Torr. var. *ramulosum* Reveal - FNA
 [NS - endemic to Jefferson and Larimer counties, CO]
- Eriogonum umbellatum* Torr. var. *subaridum* S. Stokes - FNA, KTZ, SFW, UTF, W
 [*Eriogonum umbellatum* Torr. subsp. *subaridum* (S. Stokes) Munz] - W&W
- Eriogonum umbellatum* Torr. var. *umbellatum* - FNA, KTZ, SF!, UTF, W&W, E/W
 [*Eriogonum umbellatum* Torr.] - HDH
- {*Eriogonum viridulum* Reveal} - KTZ, W&W, W&W²
 [*Eriogonum brevicaule* Nutt.] - W&W²
 [*Eriogonum brevicaule* Nutt. var. *viridulum* (Reveal) S. L. Welsh] - UTF
- Eriogonum wetherillii* Eastw. - FNA, HDH, exp., KTZ, SFW, UTF, W&W, W
 [*Eriogonum filiforme* L. O. Williams] - FNA
 [*Eriogonum sessile* S. Stokes ex M. E. Jones] - FNA
- {*Eriogonum wrightii* Torr. ex Benth.} - HDH rep., W&W
 [*Eriogonum wrightii* Torr.] - UTF
 [*Eriogonum wrightii* Torr. ex Benth. var. *wrightii*] - KTZ <AZ, NM, UT>
- * *Fagopyrum esculentum* Moench - GPF, KTZ, W&W
 [*Fagopyrum esculentum* (L.) Moench] - HDH
 [*Fagopyrum sagittatum* Gilbert] - FNA
 [*Polygonum fagopyrum* L.] - FNA

- * *Fallopia baldschuanica* (Regel) Holub - FNA
 [*Polygonum baldschuanicum* Regel] - FNA
- * *Fallopia convolvulus* (L.) A. Löve - FNA, SFI, W&W
 [*Polygonum convolvulus* L.] - GPF, HDH, UTF
 [*Polygonum convolvulus* L. var. *convolvulus*] - KTZ, E/W
- * *Fallopia japonica* (Houttuyn) Ronse Dechaene var. *japonica* - FNA
 [*Polygonum cuspidatum* Siebold & Zucc.] - GPF, KTZ, UTF, E/W
 [*Reynoutria japonica* Houtt.] - SFI, W&W
- Fallopia scandens* (L.) Holub - FNA, SFE, W&W
 [*Polygonum scandens* L. var. *scandens*] - GPF, KTZ, E
 [*Polygonum scandens* L.] - HDH

Koenigia islandica L. - FNA, KTZ, SFI, W&W, E/W

Oxyria digyna (L.) Hill - FNA, HDH, KTZ, SFI, UTF, W&W, E/W

Oxytheca dendroidea Nutt. subsp. *dendroidea* - FNA

- [*Eriogonum dendroideum* (Nutt.) S. Stokes] - KTZ
- [*Eriogonum dendroideum* (Nutt.) var. *fellosa* M. E. Jones] - KTZ
- [*Eriogonum dendroideum* (Nutt.) var. *hillmanii* S. Stokes] - KTZ
- [*Oxytheca fellosa* Nutt.] - KTZ

Periscaria

(Identification sources: _____)

- Persicaria amphibia* (L.) A. Gray - FNA
 [NS - additional synonyms in FNA 5: 583]
 [*Polygonum amphibium* L.] - FNA, UTF
 [*Polygonum amphibium* L. var. *emersum* Michx.] - GPF, KTZ, E/W
 [*Persicaria coccinea* (Muhl.) Greene] - SFI
 [*Persicaria coccinea* (Muhl. ex Willd.) Greene] - W&W[†]
 [*Persicaria coccinea* (Muhl. ex Willd.) Greene] - W&W[†]
 [*Polygonum coccineum* Mühl. ex Willd. forma *terrestre* (Willd.) Stanford] - HDH
- Persicaria bicornis* (Raf.) Nieuwl. - FNA, SFE, W&W
 [*Persicaria longistyla* (Small) Small] - FNA
 [*Polygonum bicorne* Raf.] - GPF, E
 [*Polygonum longistylum* Small] - FNA
 [*Polygonum pensylvanicum* L.] - KTZ
- * *Persicaria hydropiper* (L.) Opiz - FNA, SFI, W&W
 [*Polygonum hydropiper* L.] - GPF, HDH, KTZ, UTF, E/W
- * *Persicaria hydropiperoides* (Michx.) Sm. var. *opelousanum* (Ridd. ex J. K. Small) Ridd. ex W. Stone - Smith09?
- ⊕ *Persicaria lapathifolia* (L.) S. Gray - FNA, SFI, W&W
 [*Polygonum iscarum* F. W. Schmidt] - HDH
 [*Polygonum iscaratum* Elliott] - HDH
 [*Polygonum lapathifolium* L.] - GPF, KTZ, UTF
 [*Polygonum lapathifolium* L. var. *lapathifolium*] - HDH, E/W
 [*Polygonum lapathifolium* L. var. *nodosum* (Pers.) Small] - HDH
 [*Polygonum lapathifolium* L. var. *salicifolium* Sibth.] - E/W
 [*Polygonum scabrum* Monch.] - FNA
 [*Polygonum tomentosum* Willd.] - FNA

- * *Persicaria maculosa* A. Gray - FNA
 - [*Persicaria fusiformis* (Greene) Greene] - FNA
 - [*Persicaria vulgaris* Webb & Moquin-Tandon] - FNA
 - [*Polygonum persicaria* L.] - GPF, HDH, KTZ, UTF, E/W
- Persicaria pensylvanica* (L.) M. Gomez - SF¹, W&W
 - [*Polygonum longistylum* Small var. *omissum* (Greene) Stanford] - HDH
 - [*Polygonum omissum* Greene] - FNA
 - [*Polygonum pensylvanicum* L.] - GPF, KTZ, E/W
 - [*Polygonum pensylvanicum* L. var. *laevigatum* Fernald] - HDH
 - [*Polygonum persicarioides* Kunth] - HDH
- ⊕ *Persicaria punctata* (Elliott) Small - FNA, SF¹, W&W
 - [NS - additional synonymy in FNA 5: 586] - FNA
 - [*Polygonum punctatum* Elliott] - GPF
 - [*Polygonum punctatum* Elliott var. *confertiflorum* (Meissn.) Fassett] - HDH, KTZ, E/W
 - [*Polygonum punctatum* Elliott var. *parviflorum* Fassett] - HDH
- Persicaria sagittatum* (L.) H. Gross - FNA
 - [*Polygonum sagitatum* L.] - GPF, HDH, KTZ, E
 - [*Truellum sagitatum* (L.) Soják] - SFE, W&W

Polygonum

(Identification sources: _____)

- ⊕ *Polygonum achoreum* S. F. Blake - FNA, GPF, KTZ, E
 - [*Polygonum erectum* L. subsp. *achoreum* (S. F. Blake) A. Löve & D. Löve] - SFE, W&W
- * *Polygonum arenastrum* Jord. ex Boreau - GPF, KTZ, E/W
 - [*Polygonum arenastrum* Boreau] - SF¹, W&W
 - [*Polygonum aviculare* L.] - RMC
- * *Polygonum argyrocoleon* Steud. ex Kunze - FNA, KTZ, W&W, E/W
 - [*Polygonum argynocoleon* Steud.] - SF¹, UTF
- * *Polygonum aubertii* L. Henry - KTZ, E
 - [*Fallopia aubertii* (L. Henry) Holub] - SFE, W&W
 - [*Polygonum aubertii* (L.) L. Henry] - UTF
- * *Polygonum aviculare* L. - GPF, KTZ, UTF
 - [NS - FNA 5: 556-557 recognized several varieties, in my view of questionable taxonomic value]
 - [*Polygonum arenastrum* Boreau] - SF¹
 - [*Polygonum aviculare* L. var. *aviculaceum*] - HDH, W&W
- * *Polygonum bellardii* All. - KTZ
 - [*Polygonum aviculare* L. var. *angustissimum* Meissn.] - HDH, W&W
- ⊕ *Polygonum buxiforme* Small - GPF, KTZ
 - [*Polygonum arenastrum* Boreau] - W&W¹
- Polygonum douglasii* Greene var. *douglasii*
 - [*Polygonum austriacum* Greene] - KTZ
 - [*Polygonum douglasii* Greene var. *latifolium* (Engelm.) Greene] - FNA
 - [*Polygonum douglasii* Greene subsp. *austriacum* (Greene) E. Murr.] - KTZ
 - [*Polygonum douglasii* Greene var. *austriacum* (Greene) Jones - WY checklist, KTZ
 - [*Polygonum emarginatum* A. Nels.] - FNA
 - [*Polygonum montanum* (Small) Greene] - FNA
 - [*Polygonum tenuis* Michx. var. *commune* Engelm.] - FNA
 - [*Polygonum tenuis* Michx. var. *latifolium* Engelm.] - FNA
- Polygonum douglasii* Greene var. *microstemonum* (Engelm.) Dom - E/W
 - [*Polygonum douglasii* Green] - SF¹, W&W¹
 - [*Polygonum douglasii* Greene subsp. *engelmannii* (Greene) Kartesz & Gandhi] - KTZ

- [*Polygonum engelmannii* Greene] - HDH, W&W
Polygonum engelmannii Greene - FNA
 [*Polygonum douglasii* Greene subsp. *engelmannii* (Greene) Kartesz & Gandhi] - FNA
Polygonum erectum L. - FNA, GPF, HDH, KTZ, W&W, app. uncertain
 [*Polygonum aviculare* var. *erectum* (L.) Roth ex Meissn.] - KTZ
Polygonum kelloggii Greene var. *confertiflorum* (Nutt. ex Piper) Dorn - RMC
 [*Polygonum polyleoides* Meissn. subsp. *confertiflorum* (Nutt. ex Piper) J. C. Hickman] - KTZ
 [*Polygonum polyleoides* Wall. ex Meissn. subsp. *confertiflorum* (Nutt. ex Piper) J. C. Hickman] - KTZ
 [*Polygonum wasonii* Small] - HDH
Polygonum kelloggii Greene var. *kelloggii* - E/W
 [*Polygonum kelloggii* Greene] - HDH, UTF
 [*Polygonum polyleoides* Meissn. subsp. *kelloggii* (Greene) J. C. Hickman] - SF!, W&W
 [*Polygonum polyleoides* Wall. ex Meissn. subsp. *kelloggii* (Greene) J. C. Hickman] - KTZ
 [*Polygonum amplexum* Small] - HDH
Polygonum majus (Meissner) Piper - FNA
 [*Polygonum circatum* Dougl. ex Meissner var. *majus* Meissner] - FNA
 [*Polygonum douglasii* Greene subsp. *majus* (Meissner) J. C. Hickman] - FNA
Polygonum minimum S. Watson - FNA, HDH, KTZ, SF!, UTF, W&W, E/W
 [*Polygonum torreyi* S. Watson] - FNA
{ *Polygonum oxyspermum* C. A. Mey. & Bunge ex Ledeb.] - KTZ
Polygonum polyleoides Meissn. - FNA, HDH
 [NS - 2-3 varieties recognized for our area by FNA]
 [*Polygonum polyleoides* Meissn. subsp. *polyleoides*] - W&W, err. rep.
 [*Polygonum polyleoides* Wall. ex Meissn. subsp. *polyleoides*] - KTZ
{ *Polygonum ramosissimum* Michx. subsp. *prolificum* (Small) Costea & Tardif - FNA
 [NS - to be expected given distributions in FNA 5: 552]
Polygonum ramosissimum Michx. subsp. *ramosissimum* - FNA
 [*Polygonum ramosissimum* Michx. var. *ramosissimum*] - KTZ, E/W
 [*Polygonum esseri* Small] - HDH
 [*Polygonum ramosissimum* Michx.] - GPF, HDH, SF!, UTF, W&W
Polygonum sawatchense Small subsp. *sawatchense* - FNA, GPF, HDH
 [*Polygonum douglasii* Greene subsp. *johnstonii* (Munz) J. C. Hickman] - KTZ
 [*Polygonum douglasii* Greene var. *johnstonii* Munz] - FNA
 [*Polygonum esculentum* L.] - FNA
 [*Polygonum triandrum* Coolidge] - FNA
{ *Polygonum spargulariaefforme* Meissn. ex Small] - HDH
 [*Polygonum douglasii* Greene subsp. *spargulariaefforme* (Meissn. ex Small) J. C. Hickman] - KTZ <WY>
 [*Polygonum spargulariaefforme* Meissn.] - W&W, err. rep.
Polygonum tenue Michx. - FNA

Pterogonum (see *Eriogonum*)

Reynoutria (see *Polygonum* and *Fallopia*)

- * *Rheum rhabarbarum* L. - GPF, KTZ
 [*Rheum rhabarbarum* L.] - UTF
{ * *Rheum rhabaranticum* L.] - HDH, W&W
 [*Rheum rhabarbarum* L.] - KTZ

Rumex

(Identification sources: _____)

- * *Rumex acetosella* L. - FNA, GPF, HDH, KTZ, UTF, E/W
 [Acetosella vulgaris (K. Koch) Fourr.] - SF!, W&W
- Rumex altissimus* A. W. Wood - FNA, GPF, HDH, KTZ, SFE, W&W, E
- Rumex aquaticus* L. var. *femesteratus* (Greene) Dorn - KTZ, E/W
 [*Rumex aquatica* L. subsp. *occidentalis* (S. Watson) Hultén] - SPL, W&W
 [*Rumex occidentalis* S. Watson] - HDH
- * *Rumex crispus* L. - FNA, GPF, HDH, SF!, UTF, W&W, E/W
 [*Rumex crispus* subsp. *crispus*] - KTZ
- Rumex fueginus* Philippi - FNA, HDH
 [*Rumex maritimus* L.] - KTZ
 [*Rumex maritimus* L. subsp. *fuscatus* (Philippi) Hultén] - SF!, W&W
 [*Rumex maritimus* L. var. *fuscatus* (Phil.) Dusen] - GPF, UTF, E/W
- Rumex hymenosepalus* Torr. - FNA, GPF, KTZ, SFW, UTF, W&W, W
 [*Rumex arizonicus* Britton] - FNA
 [*Rumex hymenosepalus* Torr. var. *hymenosepalus*] - HDH
 [*Rumex hymenosepalus* Torr. var. *salinus* (A. Nelson) Rechinger f.] - HDH
 [*Rumex saxei* Kellogg] - FNA
- Rumex occidentalis* S. Watson - FNA
 [*Rumex aquatica* L. subsp. *femesteratus* (Greene) Hultén] - FNA
 [*Rumex aquatica* L. var. *femesteratus* (Greene) Dom] - FNA
 [*Rumex aquatica* L. subsp. *occidentalis* (S. Wats.) Hultén] - FNA
 [*Rumex bakeri* Greene] - FNA
 [*Rumex fœsteratus* Greene] - FNA
 [*Rumex gracilipes* Greene] - FNA
- * *Rumex obtusifolius* L. - FNA, GPF, HDH, KTZ, SFE, UTF, W&W, E
- Rumex patientia* L. - FNA, GPF, HDH, exp., KTZ <KS,NE,OK,UT,WY>, W&W doubtful
- Rumex pacificolius* Nutt. - FNA, HDH, UTF
 [Acetosella pacificola (Nutt.) A. Löve] - SF!, W&W
 [*Rumex pacificolius* Nutt. var. *pacificolius*] - E/W
 [*Rumex pacificolius* Nutt. subsp. *pacificolius*] - KTZ
- Rumex praecox* Rydb. - FNA
- Rumex pycnanthus* Rechinger f. - FNA, HDH
 [*Rumex densiflorus* Ostenk.] - FNA, HDH, KTZ, SF!, W&W, E/W
 [*Rumex praecox* Rydb.] - HDH
 [*Rumex pycnanthus* Rechinger f. subsp. *pycnanthus* (Rechinger f.) Å. Löve] - FNA
- Rumex salicifolius* Weinmann, var. *denticulatus* Torr. - KTZ, E/W
 [*Rumex utahensis* Rech. f.] - HDH, SF!, W&W
 [*Rumex mexicanus* Meisn.] - GPF
 [*Rumex salicifolius* Weinm. var. *mexicanus* (Meisn.) C. L. Hitchc.] - KTZ, UTF
- * *Rumex stenophyllus* Ledeb. - FNA, GPF, KTZ, SFE, UTF, W&W, E
- Rumex triangulivalvis* (Dunser) Rechinger f. - FNA, HDH, SF!, W&W
 [*Rumex salicifolius* Weinm. var. *triangularvalvis* (Dunser) J. C. Hickman] - E/W
- Rumex utahensis* Rechinger - FNA
- Rumex venosus* Pursh - FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
 {*Rumex verticillatus* L.} - O'Kane88
- Stenogonum flexum* (M. E. Jones) Reveal & J. T. Howell - FNA, KTZ, SFW, W&W
 [*Eriogonum glandulosum* (Nutt.) Nutt. ex Benth.] - HDH, KTZ, W&W, misid.
 [*Eriogonum flexum* M. E. Jones] - UTF
- Stenogonum salsuginosum* Nutt. - Dorn01, FNA, KTZ, SFW, W&W, W
 [*Eriogonum salugineum* (Nutt.) Hook.] - HDH, UTF

Truellum (see **Polygonum**)

Pontederiaceae - PON

* *Eichhornia crassipes* (Mart.) Solms - Snow04b

Heteranthera dubia (Jacq.) MacMill. - FNA, HDH, exp., KTZ, E
[*Zosterella dubia* (Jacq.) Small] - GPF, SFE, W&W

Heteranthera limosa (Sw.) Willd. - FNA, GPF, HDH, KTZ, SFE, W&W, E
Heteranthera rotundifolia (Kunth) Griseb. - FNA, HDH, KTZ, W&W

Zosterella (see **Heteranthera**)

Portulacaceae - POR

(Identification sources: _____)

[NS - Studies by Hershkovitz, Zimmer and others suggest the possibility of splitting POR into Montiaceae (including Claytonia, Lewisia, Montia, Cistanthe) and POR s.s. (Portulaca)]

{*Cistanthe umbellata* (Torr.) Hershkovitz} - KTZ
[NS - absent from our area in WY side Dom01; not confirmed for our area south from WY]
[*Calyptidium umbellatum* (Torr.) Greene var. *caudicifera* A. Gray] - UTF
Cistanthe rosea (S. Wats.) Hershk. - Dom01
[*Calyptidium roseum* S. Wats.] - KTZ

Claytonia lanceolata Pursh var. *lanceolata* - KTZ, E/W
[*Claytonia lanceolata* Pursh] - Dom01, HDH, SFT, UTF, W&W
Claytonia lanceolata Pursh var. *multiscapa* (Rydb.) C. L. Hitchc. - KTZ, E/W
[*Claytonia lanceolata* Pursh] - HDH, SFT, UTF
[*Claytonia multiscapa* Rydb.] - Dom01

Claytonia megarhiza (A. Gray) Parry ex S. Watson var. *megarhiza* - KTZ, E/W
[*Claytonia megarhiza* (A. Gray) Parry] - Dom01, HDH, SFT, UTF
[*Claytonia megarhiza* (Parry ex A. Gray) S. Watson] - W&W, misid.

Claytonia perfoliatoides Dom ex Willd. subsp. *perfoliata* - KTZ
[*Claytonia perfoliatoides* Dom] - RMC
[*Montia perfoliatoides* (Dom) Howell] - W&W, W&W¹, misid.
[*Montia perfoliatoides* (Dom) Howell var. *perfoliata*] - UTF

Claytonia rosea Rydb. - KTZ, SFT, W&W, E/W
[*Claytonia lanceolata* Pursh] - HDH, UTF
[*Claytonia perfoliatoides* Dom] - RMC

Claytonia rubra (Howell) Tidestr. subsp. *depressa* (A. Gray) J. M. Mill. & K. L. Chambers
- KTZ
[*Claytonia rubra*] - Dom01

[*Montia perfoliatoides* Dom var. *depressa* (A. Gray) Jeps.] - HDH, exp.

Claytonia rubra (Howell) Tidestr. subsp. *rubra* - KTZ, E/W
[*Claytonia perfoliatoides* Dom] - RMC
[*Claytonia rubra* (Howell) Tidestr.] - SFT, W&W¹

{*Claytonia umbellata* S. Wats.} - Dom01

{NS - collected only once in our region fide Dorn01 in 1876 [Albany Co., WY]; thus probably a waif subsequently extirpated given its typical range in CA, OR, and NV}

Crunocallis (see *Montia*)

Erocallis (see *Lewisia*)

Lewisia nevadensis (A. Gray) B. L. Rob. - KTZ, W

[*Lewisia pygmaea* (A. Gray) B. L. Rob.] - UTF

[*Lewisia pygmaea* (A. Gray) B. L. Rob. var. *nevadensis* (A. Gray) Fosberg] - HDH

[*Lewisia pygmaea* (A. Gray) B. L. Rob. var. *pygmaea*] - RMC

[*Oreobroma nevadensis* (A. Gray) Howell] - SFW, W&W

Lewisia pygmaea (A. Gray) B. L. Rob. var. *pygmaea* - HDH, E/W

[*Lewisia pygmaea* (A. Gray) B. L. Rob.] - Dorn01, KTZ, UTF

[*Oreobroma pygmaea* (A. Gray) Howell] - SPL, W&W

Lewisia rediviva Pursh var. *rediviva* - KTZ, E/W

[*Lewisia rediviva* Pursh] - Dorn01, HDH, SPL, UTF, W&W

Lewisia triphylla (S. Watson) B. L. Rob. - Dorn01, HDH, KTZ, UTF, E/W

[*Erocallis triphylla* (S. Watson) Rydb.] - SPL, W&W

Montia (see also *Claytonia*)

Montia chamissoi (Ledeb. ex Spreng.) Greene - Dorn01, KTZ, E/W

[*Crunocallis chamissoi* (Ledeb.) Cockerell] - SFE

[*Crunocallis chamissoi* (Ledeb.) Rydb.] - SFW

[*Crunocallis chamissoi* (Ledeb. ex Spreng.) Rydb.] - W&W

[*Montia chamissoi* (Ledeb.) T. Durand & Jackson] - HDH

[*Montia chamissoi* (Ledeb.) B. L. Rob. & Fernald] - UTF

Oreobroma (see *Lewisia*)

Phemeranthus brevifolius (Torr.) Kiger - KTZ

[*Talinum brevifolium* Torr.] - HDH, exp., UTF, W&W

Phemeranthus calycinus (Engelm.) Kiger - KTZ

[*Talinum calycinum* Engelm.] - GPF, HDH, KTZ, SFE, W&W¹, E

Phemeranthus parviflorus (Nutt.) Kiger

[*Talinum parviflorum* Nutt.] - Dorn01, GPF, KTZ, SPL, UTF, E/W

[*Talinum parviflorum* Nutt. ex Torr. & A. Gray] - HDH, W&W

Portulaca halimoides L. - KTZ, SF¹, UTF, W&W¹, E/W

[*Portulaca parvula* A. Gray] - GPF <CO>, HDH, W&W

Portulaca oleracea L. - Dorn01, GPF, HDH, KTZ, SPL, UTF, W&W, E/W

[*Portulaca retusa* Engelm.] - W&W, HDH, exp.

Portulaca pilosa L. - KTZ, W&W

Potamogetonaceae - POT (including *Zannichelliaceae*, *Najadaceae*)

Potamogeton (see also *Stuckenia*)

(Identification sources: _____)

Potamogeton alpinus Balb. - Dom01, FNA, IMF, KTZ, SFW, UTF, W&W, E/W

- [*Potamogeton alpinus* Bals. var. *subellipticus* (Fernald) Ogden] - HDH, exp.
 [*Potamogeton alpinus* Bals. var. *tenuifolius* (Raf.) Ogden] - GPF, HDH, SFE
Potamogeton amplifolius Tuck. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, W&W, E/W
 * *Potamogeton crispus* L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
Potamogeton diversifolius Raf. - FNA, GPF, HDH, IMF, KTZ, SFE, W&W, E
Potamogeton epihydrus Raf. - Dom01, FNA, GPF, IMF, KTZ, SF!, UTF, E/W
 [*Potamogeton epihydrus* Raf. var. *nudatilis* (Cham. & Schltdl.) Fernald] - HDH, W&W
Potamogeton foliosus Raf. - HDH, IMF, UTF, E/W
 [*Potamogeton foliosus* Raf.] - Dom01, GPF, SF!, W&W
 [*Potamogeton foliosus* Raf. subsp. *foliosus*] - FNA, KTZ
 [*Potamogeton foliosus* Raf. var. *macellus* Fernald] - HDH
Potamogeton friesii Rupr. - Dorn01
Potamogeton gramineus L. - Dom01, FNA, GPF, IMF, KTZ, SF!, UTF, W&W, E/W
 [*Potamogeton gramineus* L. var. *gramineus*] - HDH
 [*Potamogeton gramineus* L. var. *maximus* Morong ex A. Benn.] - HDH
Potamogeton X haststroemii A. Benn. - FNA, KTZ
 [*Potamogeton gramineus* X *P. richardsonii*] - KTZ
Potamogeton illinoensis Morong - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 [*Potamogeton lateralis* Morong] - HDH?, W&W¹
Potamogeton natans L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Potamogeton nodosus Poir. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E/W
 [*Potamogeton nodosus* L.] - SFW
Potamogeton paelongus Wulfen - Dom01, FNA, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Potamogeton pusillus L. var. *pusillus* - Dorn01, GPF, IMF, W&W, E/W
 [*Potamogeton pusillus* L.] - SF!, HDH
 [*Potamogeton pusillus* L. subsp. *pusillus*] - FNA, KTZ
Potamogeton pusillus L. var. *teniusissimum* Mert. & W. D. J. Koch - Dorn01, IMF, W&W, E/W
 [*Potamogeton berchtoldii* Fieber] - HDH
 [*Potamogeton pusillus* L.] - HDH, SF!, UTF
 [*Potamogeton pusillus* L. subsp. *teniusissimum* (Mert. & W. D. J. Koch) R. R. Haynes & Helle] - FNA, KTZ
Potamogeton richardsonii (A. Benn.) Rydb. - Dorn01, FNA, GPF, HDH, IMF, KTZ, UTF, E/W
 [*Potamogeton perfoliatus* L. subsp. *richardsonii* (A. Benn.) Haltéa] - SF!, W&W
Potamogeton robbinsii Oakes - Dorn01, FNA, HDH, exp., IMF, KTZ, UTF
Potamogeton strictifolius A. Benn. - Dom01, FNA, GPF, IMF, KTZ
 [*Potamogeton strictifolius* A. Benn. var. *utiloides* Fernald] - HDH, exp., UTF
 [*Potamogeton longiligulatus* Fern.] - KTZ
 [*Potamogeton pusillus* var. *utiloides* (Fern.) Boivin] - KTZ
 [*Potamogeton rufulus* aust. non Wolfgang] - KTZ
 [*Potamogeton strictifolius* var. *utiloides* Fern.] - KTZ
 [*Potamogeton strictifolius* var. *typicus* Fern.] - KTZ
 [*Potamogeton zosteriformis* Fernald] - FNA, GPF, HDH, exp., IMF, KTZ, UTF

Stuckenia

(Identification sources: _____)

- Stuckenia filiformis* (Pers.) Börner subsp. *alpinus* (Blytt) R. R. Hayes, Les, & M. Král - FNA,
 KTZ, E/W
 [*Potamogeton filiformis* Pers.] - GPF, SF!, W&W

- [*Potamogeton filiformis* Pers. var. *alpinus* (Blytt) Asch. & Graebn.] - IMF, UTF
- [*Potamogeton filiformis* Pers. var. *alpinus* (J. W. Robbins) Dorn] - Dorn01
- [*Potamogeton filiformis* Pers. var. *borealis* (Raf.) H. St. John] - HDH
- [*Potamogeton filiformis* Pers. var. *maccounii* Morong] - HDH

Stuckenia filiformis (Pers.) Börner subsp. *occidentalis* (J. W. Robbins) R. R. Haynes, Les, & M. Kril - FNA, KTZ, E/W

- [*Potamogeton filiformis* Pers.] - GPF, SFI, W&W
- [*Potamogeton filiformis* Pers. var. *occidentalis* (J. W. Robbins) Morong] - IMF, UTF
- [*Potamogeton filiformis* Pers. var. *occidentalis* (J. W. Robbins) Dorn] - Dorn01

Stuckenia pectinata (L.) Börner - Dorn01, FNA, KTZ, E/W

- [*Potamogeton pectinatus* L.] - GPF, HDH, IMF, SFI, UTF, W&W

Stuckenia striata (Ruiz & Pav.) Holub - FNA, KTZ

- [*Potamogeton filiformis* Pers.] - GPF, SFI, W&W¹
- [*Potamogeton filiformis* Pers. var. *tatifolius* (J. W. Robbins) Reveal] - IMF², UTF
- [*Stuckenia striata* (Ruiz & Pav.) Holub] - KTZ

Stuckenia vaginata (Turcz.) Holub - Dorn01, FNA, KTZ, E

- [*Potamogeton vaginatus* Turcz.] - GPF, HDH, IMF, SFE, UTF, W&W

Zannichellia palustris L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Primulaceae - PRM (see also MRS)

(Identification sources: _____)

Anagallis (see MRS)

Androsace chamaejasme Host. subsp. *lehmanniana* Spreng. - E/W

- [TK - pers. comm.]
- [*Androsace carinata* (Torr.) - HDH]
- [*Androsace chamaejasme* Wulf. subsp. *carinata* (Torr.) Hultén] - KTZ
- [*Androsace chamaejasme* Wulf. var. *carinata* (Torr.) Knuth] - Dorn01
- [*Androsace chamaejasme* Host subsp. *carinata* (Torr.) Hultén] - SFI, W&W
- [*Androsace chamaejasme* Host var. *carinata* (Torr.) Kunth] - UTF

Androsace filiformis Retz. - Dorn01, HDH, KTZ, SFI, UTF, W&W, E/W

Androsace occidentalis Pursh - Dorn01, GPF, KTZ, SFI, UTF, W&W, E/W

- [*Androsace occidentalis* Pursh forma *occidentalis*] - HDH

- [*Androsace occidentalis* Pursh forma *simplex* (Ryd.) Robbins] - HDH

Androsace septentrionalis L. - SFI, UTF, W&W, E/W

- [T. Kehl, pers. comm.]
- [*Androsace septentrionalis* L. subsp. *glandulosa* (Wooton & Standl.) G. T. Robbins] - KTZ
- [*Androsace septentrionalis* L. var. *glandulosa* H. St. John] - HDH
- [*Androsace septentrionalis* L. subsp. *puberula* (Ryd.) G. T. Robbins] - KTZ
- [*Androsace septentrionalis* L. var. *puberula* (Ryd.) R. Knuth] - HDH
- [*Androsace septentrionalis* L. subsp. *subulifera* (A. Gray) G. T. Robbins] - KTZ
- [*Androsace septentrionalis* L. subsp. *subumbellata* (A. Nels.) G. T. Robbins] - KTZ
- [*Androsace septentrionalis* L. var. *subulifera* A. Gray] - Dorn01, GPF, HDH
- [*Androsace septentrionalis* L. var. *subumbellata* A. Nelson] - HDH

Centunculus (see Anagallis)

Dodecatheon (see also Primula)

[Mas#07 summarizes the considerable evidence for merging Dodecatheon into Primula]

- Dodecatheon conjugens Greene - Dorn01
 [Dodecatheon conjugens subsp. conjugens] - KTZ
 [Dodecatheon conjugens subsp. leptocephalum (Saksdorf) Piper] - KTZ
 [Dodecatheon conjugens var. beaniifolia Bevin] - KTZ
 [Dodecatheon cylindrocarpum Rydb.] - KTZ
 [Primula conjugens (Greene) A. R. Mac & Reveal] - Mast07
- Dodecatheon dentatum Hooker subsp. ellisiae (Standl.) H. J. Thompson - KWA, KTZ
 [Dodecatheon ellisiae Standl.] - M&H, KTZ
- Dodecatheon pulchellum (Raf.) Merr. var. pulchellum - UTF, E/W
 [Dodecatheon pulchellum (Raf.) Merr.] - Dorn01, GPF, HDH, SF!, W&W
 [Dodecatheon pulchellum (Raf.) Merr. subsp. pulchellum] - KTZ
 [Dodecatheon radicans Greene] - HDH

Douglasia nootana A. Gray - Dorn01

- ◆ Primula angustifolia Torr. - **ENDEMIC** <CO, NM>, HDH, KTZ, SF!, W&W, E/W
- Primula egaliksensis Wormsk. ex Homem. - KTZ, E
 [Primula egalikenis Wormsk.] - HDH rep., SFE, W&W
- Primula incana M. E. Jones - Dorn01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
- Primula parryi A. Gray - Dorn01, HDH, KTZ, SF!, UTF, W&W, E/W
 {Primula speciecola M. E. Jones} - SFW, exp.

Pyrolaceae (sec ERI)

Ranunculaceae - RAN (including **Coptaceae**, **Helleboraceae**; see also **Paeoniaceae**, under **Thelypteridaceae** in W&W¹)

(Identification sources: _____)

- Aconitum columbianum Nutt. var. columbianum - UTF, E/W
 [Aconitum columbianum Nutt.] - Dorn01, GPF, SF!
 [Aconitum columbianum Nutt. subsp. columbianum] - FNA, KTZ
 [Aconitum columbianum Nutt. forma ochroleucum St. John] - SF!
 [Aconitum columbianum Nutt. ex Torr. & A. Gray var. bakeri (Greene) Harrington] - HDH, W&W
 [Aconitum columbianum Nutt. ex Torr. & A. Gray var. columbianum] - HDH, W&W

- Actaea rubra (Aiton) Willd. - Dorn01, FNA, GPF, UTF, E/W
 [Actaea arguta Nutt. & Torr. & A. Gray] - HDH
 [Actaea rubra (Aiton) Willd. subsp. arguta (Nutt.) Huhén] - KTZ, SF!, W&W

Anemonastrum (sec Anemone)

Anemone

(Identification sources: _____)

- Anemone canadensis L. - Dorn01, FNA, GPF, HDH, KTZ, E
 [Anemone canadensis (L.) A. Löve & D. Löve] - SFE, W&W
 Anemone cylindrica A. Gray - Dorn01, FNA, GPF, HDH, KTZ, SF!, W&W, E/W
 Anemone multifida Poir. var. multifida - FNA, UTF, E/W

- [*Anemone globosa* Nutt. ex Pritz.] - HDH
 [*Anemone multifida* Poir.] - Dom01, GPF
 [*Anemone multifida* Poir. subsp. *globosa* (Nutt.) Torr. & A. Gray] - SF!
 [*Anemone multifida* Poir. var. *globosa* (Nutt.) Torr. & A. Gray] - W&W
 [*Anemone multifida* Poir. var. *hudsoniana* DC.] - KTZ
 [*Anemone multifida* Poir. var. *sansonii* B. Boivin] - KTZ
 [*Anemone multifida* Poir. subsp. *saxicola* (B. Boivin) W. A. Weber] - SF!, W&W
 [WJ - I doubt that this can be maintained considering the variable size and coloration of the typical variety]
 [*Anemone multifida* Poir. var. *saxicola* B. Boivin] - FNA, KTZ
Anemone narcissiflora L. var. *zephyra* (A. Nelson) Dutson & Keener - Dom01, FNA, KTZ, E/W
 [*Anemone narcissiflora* (L.) Holub subsp. *zephyrum* (A. Nelson) W. A. Weber] - SF!, W&W
 [*Anemone narcissiflora* L.] - RMC
 [*Anemone zephyra* A. Nelson] - HDH
Anemone parviflora Michx. - Dom01, FNA, HDH, SF!, UTF, W&W, E/W
 [*Anemone parviflora* Michx. var. *parviflora*] - KTZ
Anemone patens L. var. *miltifida* Pritz. - Dom01, FNA, UTF, E/W
 [*Anemone patens* L.] - GPF
 [*Pulsatilla ladoviciana* (Nutt.) A. Heller] - HDH, W&W¹
 [*Pulsatilla patens* (L.) Mill. subsp. *hiratsiniana* Zámecký] - SFW
 [*Pulsatilla patens* (L.) Mill. subsp. *miltifida* (Pritz.) Zámecký] - KTZ, SFE, W&W
{*Anemone virginiana* L. var. *riparia* (Fernald) B. Boivin} - WJ, E
 [*Anemone riparia* Fernald] - SFE, W&W
 [*Anemone virginiana* L.] - GPF
 [*Anemone virginiana* L. var. *alba* (Oakes) A. W. Wood] - FNA, KTZ
{*Anemone virginiana* L. var. *virginiana*} - FNA, KTZ
 [*Anemone virginiana* L.] - GPF

Anemonidium (see *Anemone*)

Aquilegia

(Identification sources: _____)

- Aquilegia barnebyi* Munz - FNA, HDH, KTZ, SFW, UTF, W&W, W
Aquilegia chrysanthia A. Gray - FNA, HDH, UTF, E
 [*Aquilegia chrysanthia* A. Gray var. *rydbergii* Munz] - KTZ, SFE, W&W
Aquilegia coerulea X. A. elegantula
 [WJ - See *Langermannia* 885 [COLO], *Micromeria* 460 [COLO], *Kelly* 635 [KHD]]
Aquilegia coerulea E. James var. *coerulea* - FNA, E/W
 [*Aquilegia caerulea* E. James var. *caerulea*] - HDH, KTZ, UTF
 [*Aquilegia caerulea* E. James var. *daileyae* Eastw.] - HDH, KTZ
 [*Aquilegia coerulea* E. James] - Dom01, SF!, W&W¹
 [*Aquilegia coerulea* E. James ex Torr.] - W&W
 [*Aquilegia coerulea* E. James var. *daileyae* Eastw.] - KTZ
 [*Aquilegia coerulea* E. James forma *daileyae* (Eastw.) W. A. Weber] - SF!
Aquilegia coerulea E. James var. *ochroleuca* Hook. - FNA
 [*Aquilegia caerulea* E. James var. *ochroleuca* Hook.] - HDH, KTZ, UTF
 [*Aquilegia coerulea* E. James] - W&W¹
 [*Aquilegia coerulea* E. James ex Torr.] - W&W
{*Aquilegia desertorum* (M. E. Jones) A. Heller} - FNA
 [*Aquilegia desertorum* (M. E. Jones) Cockrell ex A. Heller] - KTZ <AZ, NM, UT>
 [*Aquilegia tritemata* Payson] - HDH, KTZ <AZ, NM>, W&W, minid.
Aquilegia elegantula Greene - FNA, HDH, KTZ, SF!, UTF, W&W, E/W

- {*Aquilegia flavescens* S. Watson var. *flavescens*} - FNA, KTZ, UTF
 [*Aquilegia micrantha* X A. elegans] - W&W
 [*Aquilegia flavescens* S. Watson] - HDH, W&W¹
- ♦ *Aquilegia laramiensis* A. Nelson - **ENDEMIC <CO>**, Doen01, FNA
- ♦ *Aquilegia micrantha* Eastw. - **ENDEMIC <CO>**, FNA, SFW, UTF, W&W, W
 [*Aquilegia ecclatata* Eastw.] - SFW, spurless form
 [*Aquilegia mancosana* (Eastw.) Cockerell] - SFW, spurless form
 [*Aquilegia micrantha* Eastw. var. *mancosana* Eastw.] - HDH, KTZ
 [*Aquilegia micrantha* Eastw. var. *micrantha*] - HDH, KTZ
- {*Aquilegia pubescens* Coville} - FNA, KTZ, SFE not persisting, W&W, E
- ♦ *Aquilegia saximontana* Rydb. - **ENDEMIC <CO>**, FNA, HDH, KTZ, SFE, E
 [*Aquilegia saximontana* Rydb. ex B. L. Rob.] - W&W
- Aquilegia scopulorum* Tidestr. var. *calcarea* (M. E. Jones) Mumz} - KTZ <UT, WY>
 [*Aquilegia scopulorum* Tidestr.] - HDH, exp., - FNA, UTF

Atragene (see *Clematis*)

Batrachium (see *Ranunculus*)

- Caltha leptosepala* DC. - Doen01, FNA, HDH, E/W
 [*Caltha leptosepala* DC. subsp. *leptosepala* var. *leptosepala*] - KTZ
 [*Caltha leptosepala* DC. var. *leptosepala*] - UTF
 [*Psychrophila leptosepala* (DC.) W. A. Weber] - SFI, W&W

Ceratocephala (see *Ranunculus*)

Clematis

(Identification sources: _____)

- Clematis columbiana* (Nutt.) Torr. & A. Gray var. *columbiana* - Doen01, FNA, KTZ, E/W
 [*Atragene columbiana* Nutt.] - SFI, W&W
 [*Clematis columbiana* (Nutt.) Torr. & A. Gray] - UTF
 [*Clematis pseudodolpina* (Kuntze) A. Nelson] - GPF, HDH
- Clematis columbiana* (Nutt.) Torr. & A. Gray var. *tenellula* (A. Gray) Pringle - Doen01, FNA, KTZ, E/W
 [WI] - I think FNA may have treated this group incorrectly. *Clematis columbiana* is either *C. tenellula* or a hybrid between it and *C. grosseserrata*. Colorado plants called *C. columbiana* or *C. tenellula* are *C. pseudodolpina*
 [*Atragene columbiana* Nutt.] - SFI, W&W
 [*Clematis columbiana* (Nutt.) Torr. & A. Gray] - UTF
 [*Clematis tenellula* (A. Gray) C. L. Hitchc.] - GPF
- Clematis drummondii* Torr. & A. Gray - FNA, GPF, KTZ
- Clematis hirsutissima* Pursh - Doen01, GPF, UTF
 [*Clematis hirsutissima* Pursh var. *hirsutissima*] - FNA, HDH, KTZ, E/W
 [*Convolvulus hirsutissima* (Pursh) W. A. Weber] - SFI, W&W
- Clematis ligusticifolia* Nutt. - Doen01, FNA, GPF, SFI, UTF, E/W
 [*Clematis ligusticifolia* Nutt. var. *ligusticifolia*] - KTZ
 [*Clematis ligusticifolia* Nutt. ex Torr. & A. Gray] - HDH, W&W
- Clematis occidentalis* (Hornem.) DC. var. *grosseserrata* (Rydb.) Pringle - FNA, KTZ, E/W
 [WI - *C. occidentalis* is northeastern. Western plants should be called *C. grosseserrata* but comb. nov. needed]

[Atragene occidentalis Hornem.] - SF!, W&W
[Clematis columbiana auct. non (Nutt.) Torr. & A. Gray] - HDH, fide W&W

{Clematis occidentalis (Hornem.) DC. var. occidentalis} - FNA, KTZ
[Atragene occidentalis Hornem.] - W&W
[Clematis occidentalis (Hornem.) DC.] - UTP

* Clematis orientalis L. - FNA, HDH, KTZ, UTP, E/W
[Viticella orientalis (L.) W. A. Weber] - SF!, W&W

◆ Clematis scottii Porter

[WJ - the reduction of this taxon to variety of C. hirsutissima by some is unjustified. The flowers are very different. It is endemic to se CO and ne NM, where it displaces C. hirsutissima. RH (at RM) agrees with this assessment] [NS - KTZ regards this taxon also from WY, UT, NE, and as rare in SD and OK; further investigation is warranted]

[Clematis hirsutissima Pursh var. scottii (Porter) R. O. Erickson] - FNA, HDH, KTZ, E

[Clematis hirsutissima Pursh] - GPF

[Coriflora scottii (Porter) W. A. Weber] - W&W

[Coriflora scottii (Porter & Coul.) W. A. Weber] - SFE

[Viorna scottii (Porter) Rydb.] - KTZ

{Coptis groenlandica (Oeder) Fernald} - HDH, W&W, specimen from MN, FNA
[Coptis trifolia (L.) Salisb.] - KTZ

Coriflora (see *Clematis*)

Cyrtorhynchus (see *Ranunculus*)

Delphinium

(Identification sources: _____)

Delphinium alpestre Rydb. - FNA, HDH, KTZ, E/W

[Delphinium racemosum Rydb. var. alpestre (Rydb.) W. A. Weber] - W&W

[Delphinium ramosum Rydb.] - SF!

Delphinium barbeyi (Huth) Huth - Dom01, FNA, HDH, KTZ, W&W, E/W

[Delphinium barbeyi Huth] - SF!

[Delphinium occidentale (S. Watson) S. Watson var. barbeyi (Huth) S. L. Welsh] - UTP

Delphinium bicolor Nutt. - Dom01, KTZ

Delphinium geyeri Greene - Dom01, FNA, GPF, HDH, KTZ, SF!, UTP, W&W, E/W

Delphinium nuttallianum Pritz. - Dom01, FNA, SF!, UTP, E/W

[Delphinium nelsonii Greene] - HDH, WJ

[Delphinium nuttallianum Pritz. ex Walp.] - KTZ, W&W

[Delphinium nuttallianum Pritz. var. nuttallianum] - GPF

[Delphinium nuttallianum Pritz. ex Walp. var. nuttallianum] - RMC

Delphinium occidentale (S. Watson) S. Watson - Dom01, WJ, E/W

[Delphinium glaucum S. Watson] - FNA, KTZ, SF!, W&W¹

[Delphinium X occidentale (S. Watson) S. Watson] - KTZ

[Delphinium occidentale (S. Watson) S. Watson subsp. cucullatum (A. Nelson) Ewan] - HDH, W&W

[Delphinium occidentale (S. Watson) S. Watson subsp. quericoia Ewan] - HDH, W&W

[Delphinium occidentale (S. Watson) S. Watson subsp. occidentalis] - HDH, W&W

Delphinium robustum Rydb. - Dom01, FNA, HDH, KTZ, SF!, E/W

[WJ - I cannot separate D. robustum from D. ramosum]

[Delphinium ramosum Rydb. var. robustum] - W&W

[Delphinium robustum Rydb.] - FNA, HDH, KTZ, SFE, W&W

- Delphinium scaposum* Greene - FNA, HDH, KTZ, W
 [*Delphinium andersonii* A. Gray var. *scaposum* (Greene) S. L. Welsh] - SFW, UTF, W&W
- Delphinium virescens* Nutt. - GPF, WJ, E
 [*Delphinium carolinianum* Walter subsp. *virescens* (Nutt.) R. E. Brooks] - FNA, KTZ, W&W¹
 [*Delphinium carolinianum* Walter subsp. *virescens* (Nutt.) M. C. Johnst.] - SFE, W&W
 [*Delphinium pernudii* Huib] - GPF, may be called
 [*Delphinium virescens* Nutt. subsp. *pernudii* (Huib) Ewan] - GPF, or may be called, HDH
- {*Delphinium wootonii* Rydb.} - FNA, GPF?, KTZ, SFE, doubtfully distinct, W&W, E
 {*WJ* - FNA in error, not in Colorado}
 {*Delphinium virescens* Nutt. subsp. *wootonii* (Rydb.) Ewan} - GPF, HDH
- Halerpestes (see *Ranunculus*)
- Hecatomia (see *Ranunculus*)
- {*Myosurus apetalus* Gay var. *borealis* Whittm.} - FNA, KTZ, E/W
 [*Myosurus apetalus* Gay] - SF1, W&W
- Myosurus apetalus* Gay var. *borealis* Whittm. - Dorn01, FNA, KTZ, E/W
- Myosurus apetalus* Gay var. *montanus* (G. R. Campbell) Whittm. - Dorn01, FNA, KTZ, E/W
 [*Myosurus apetalus* Gay] - SF1, UTF, W&W
 [*Myosurus aristata* Benth.] - GPF, HDH rep.
 [*Myosurus minus* L. subsp. *montanus* Campbell] - HDH, W&W
- Myosurus cupulatus* S. Watson - FNA, KTZ, UTF, W&W
- Myosurus minimus* L. - Dorn01, FNA, GPF, KTZ, SF1, UTF, E/W
 [*Myosurus minimus* L. subsp. *minimus*] - HDH, W&W
 [*Myosurus minimus* L. var. *minimus*] - RMC
- Myosurus nitidus* Eastw. - FNA, HDH rep., KTZ, SFW, UTF, W&W¹, W
 [*Myosurus capulatus* S. Watson] - W&W
- Psychrophila (see *Caltha*)
- Pulsatilla (see *Anemone*)
- Ranunculus
- (Identification sources: _____)
- Ranunculus abortivus* L. - Dorn01, FNA, GPF, KTZ, E/W
 [*Ranunculus abortivus* L. var. *abortivus*] - HDH, W&W¹, err. rep.
 [*Ranunculus abortivus* L. subsp. *acroloma* (Fernald) B. M. Kapoor & A. Love] - SF1, W&W
- Ranunculus acriformis* A. Gray var. *acriformis* - Dorn01, FNA, HDH, KTZ, E/W
 [*Ranunculus acriformis* A. Gray] - SF1, UTF, W&W
- Ranunculus acriformis* A. Gray var. *montanensis* (Rydb.) L. D. Benson - Dorn01, HDH exp., FNA, KTZ
- {*Ranunculus acris* L.} - FNA, GPF, HDH, exp., KTZ, W&W
 {*Ranunculus acris* L. var. *acris*} - UTF
- Ranunculus adoneus* A. Gray - Dorn01, FNA, SF1, W&W, E/W
 [*Ranunculus adoneus* A. Gray var. *adoneus*] - HDH, KTZ
 [*Ranunculus adoneus* A. Gray var. *alpinus* (S. Watson) L. D. Benson] - HDH, KTZ, UTF
- Ranunculus alismifolius* Geyer ex Benth. var. *montanus* S. Watson - Dorn01, FNA, HDH, Hartman06, KTZ, W&W, E/W

- [*Ranunculus alismifolius* Geyer var. *montanus* S. Watson] - SF!, UTF
- Ranunculus aquatilis* L. var. *diffusa* With. - Dom01, FNA, E/W
 [*Batrachium circinatum* (Sibth.) Fr. subsp. *subrigidum* (E. Drew) A. Löve & D. Löve] - SF!, W&W
 [*Batrachium longirostre* (Gedon) F. Schultz] - SF!, W&W
 [*Batrachium trichophyllum* (Chaix) Bosch] - SF!, W&W
 [*Ranunculus aquatilis* L. var. *capillaceus* (Thell.) DC.] - HDH, UTF
 [*Ranunculus aquatilis* L. var. *eradicatus* Laestad.] - HDH
 [*Ranunculus aquatilis* L. var. *longirostris* (Godr.) C. Lawson] - UTF
 [*Ranunculus aquatilis* L. var. *subrigidus* (E. Drew) Breitling] - UTF
 [*Ranunculus circinatus* Sibth. var. *subrigidus* (E. Drew) L. D. Benson] - HDH
 [*Ranunculus longirostris* Godr.] - GPF, HDH, KTZ
 [*Ranunculus subrigidus* W. B. Drew] - GPF
 [*Ranunculus trichophyllus* Chaix var. *trichophyllum*] - KTZ
- {*Ranunculus arvensis* L.] - HDH exp., FNA, GPF, KTZ <KS, UT>, UTF
- Ranunculus cardiophyllus* Hook. - Dom01, FNA, GPF, KTZ, SF!, UTF, W&W, E/W
 [*Ranunculus cardiophyllus* Hook. var. *cardiophyllus*] - HDH
 [*Ranunculus cardiophyllus* Hook. var. *coloradensis* L. D. Benson] - HDH
 [*Ranunculus coloradensis* (L. D. Benson) L. D. Benson] - KTZ
- Ranunculus cymbalaria* Pursh - Dom01, FNA, GPF, KTZ, UTF, E/W
 [*Palerpestes cymbalaria* (Pursh) Greene subsp. *saximontana* (Fernald) Moldenke] - SF!, W&W
 [*Ranunculus cymbalaria* Pursh var. *saximontana* (Fernald)] - Dom01, HDH, SF!
- Ranunculus eschscholtzii* Schleidl. var. *eschscholtzii* - Dom01, FNA, HDH, KTZ, UTF, E/W
 [*Ranunculus eschscholtzii* Schleidl.] - SF!, W&W
- Ranunculus eschscholtzii* Schleidl. var. *eximius* (Greene) L. D. Benson - Dom01, FNA, HDH rep..
 [*Ranunculus eschscholtzii* Schleidl.] - W&W!
 [*Ranunculus eximius* Greene] - KTZ <AZ, UT, WY>
- {*Ranunculus fascicularis* Muhl. ex Bigelow} - FNA, GPF, KTZ
 [*Ranunculus fascicularis* Muhl. ex Bigelow var. *apricus* (Greene) Fernald] - HDH rep., W&W err. rep.
- {*Ranunculus flabellaris* Raf.} - FNA, GPF, HDH, KTZ, UTF, W&W, misid.
- Ranunculus flammula* L. var. *ovalis* (Bigelow) L. D. Benson - FNA, GPF, HDH
 [*Ranunculus flammula* L.] - UTF
 [*Ranunculus flammula* L. var. *filiformis* (Michx.) Hook.] - HDH, KTZ
 [*Ranunculus flammula* L. var. *flammula*] - KTZ
 [*Ranunculus flammula* L. var. *reptans* (L.) Meyer] - Dom01 (presumably using different varietal name for same taxon)
 [*Ranunculus reptans* L. var. *ovalis* Torr. & A. Gray] - W&W
- Ranunculus gelidus* Karlin & Karlow - FNA, HDH, SF!, UTF, W&W¹, Eurasian, E/W
 [*Ranunculus gelidus* Karlin & Karlow subsp. *grayi* (Britton) Hultén] - W&W
 [*Ranunculus karelinii* Czern.] - KTZ
- Ranunculus glaberrimus* Hook. var. *ellipticus* (Greene) Greene - Dom01, FNA, KTZ, E/W
 [*Ranunculus glaberrimus* Hook. var. *ellipticus* Greene] - GPF, HDH, SF!, UTF, W&W
 [*Ranunculus oreogaeus* Greene] - HDH rep., KTZ, UTF
- Ranunculus gmelinii* DC. - Dom01, FNA, KTZ, UTF, E/W
 [*Ranunculus gmelinii* DC. var. *hookeri* (D. Don) L. D. Benson] - GPF, HDH, SF!, W&W
 [*Ranunculus gmelinii* DC. var. *limesas* (Nutt.) H. Haral] - GPF
 [*Ranunculus gmelinii* DC. var. *purshii* (Richardson) H. Haral] - RMC
- Ranunculus hyperboreus* Roeth. - Dom01, FNA, KTZ, UTF, E/W
 [*Ranunculus hyperboreus* R. Br. subsp. *interjectus* (Greene) B. M. Kapoor & A. Löve] - SFW
 [*Ranunculus hyperboreus* Rott. subsp. *interjectus* (Greene) B. M. Kapoor & A. Löve] - SFE, W&W
 [*Ranunculus naticus* C. A. Mey.] - UTF
 [*Ranunculus naticus* C. A. Mey. var. *interjectus* (Greene) L. D. Benson] - HDH
- Ranunculus inamoenus* Greene var. *alpeophilus* (A. Nelson) L. D. Benson - Dom01
- Ranunculus inamoenus* Greene var. *inamoenus* - Dom01, FNA, HDH, KTZ, E/W

- [*Ranunculus inanoemus* Greene] - GPF, SF!, UTF, W&W
 [*Ranunculus inanoemus* Greene var. *alpeophilus* (A. Nelson) L. D. Benson] - HDH, KTZ
- Ranunculus jovis* A. Nelson - Dorn01, FNA, HDH rep., KTZ, SFW, UTF, W&W, W
- Ranunculus macauleyi* A. Gray - FNA, SF!, W&W, E/W
 [*Ranunculus macauleyi* A. Gray var. *brandegei* L. D. Benson] - HDH, KTZ
 [*Ranunculus macauleyi* A. Gray var. *macauleyi*] - HDH, KTZ
- Ranunculus macounii* Britton - Dorn01, FNA, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
- {*Ranunculus micranthus* Nutt. ex Torr. & A. Gray} - HDH rep., W&W, rep.
- {*Ranunculus nivalis* L.} - FNA, HDH rep., KTZ, SFW, W
- Ranunculus pedatifidus* J. E. Sm. var. *affinis* (R. Br.) L. D. Benson - Dorn01, FNA, KTZ, E/W
 [*Ranunculus pedatifidus* J. E. Sm.] - HDH, SF!, W&W
 [*Ranunculus pedatifidus* J. E. Sm. ex Rees] - UTF
- Ranunculus pensylvanicus* L. f. - Dorn01, FNA, GPF, HDH, KTZ, W&W, no specimens seen
- Ranunculus pygmaeus* Wherry - Dorn01, FNA, HDH, SF!, UTF, W&W, E/W
 [*Ranunculus pygmaeus* Whibley, var. *pygmaeus* - KTZ]
- Ranunculus ranunculinus* (Nutt.) Rydb. - Dorn01, FNA, HDH, KTZ, UTF, E/W
 [*Cyrtorhynchia ranunculina* Nutt.] - SF!
 [*Cyrtorhynchia ranunculina* Nutt. ex Torr. & A. Gray] - W&W
- * *Ranunculus repens* L. - Dorn01, FNA, Hartman06, KTZ, SF!, W&W, E/W
 [*Ranunculus repens* L. var. *repens*] - HDH, UTF, W&W¹, European
- Ranunculus sceleratus* L., var. *multifidus* Nutt. - Dorn01, FNA, GPF, HDH, KTZ, UTF, E/W
 [*Hecateria scelerata* (L.) Fourr.] - SF!, W&W
- {*Ranunculus sceleratus* L. var. *sceleratus*} - FNA, GPF, KTZ <KS, NE, OK>, E/W
 [*Hecateria scelerata* (L.) Fourr.] - SF!, W&W
- * *Ranunculus testiculatus* Crantz - Dorn01, FNA, GPF, HDH, UTF, E/W
 [*Ceratocephala orthoceras* DC.] - SF!, W&W
 [*Ceratocephala testiculata* (Crantz) Besser] - KTZ
- Ranunculus uncinatus* D. Don - Dorn01, FNA, SF!, E/W
 [*Ranunculus uncinatus* D. Don var. *uncinatus*] - HDH, rep.
 [*Ranunculus uncinatus* D. Don ex G. Don var. *uncinatus*] - KTZ
 [*Ranunculus uncinatus* D. Don var. *earlei* (Greene) L. D. Benson] - HDH, W&W
 [*Ranunculus uncinatus* D. Don ex G. Don var. *earlei* (Greene) L. D. Benson] - KTZ
 [*Ranunculus uncinatus* D. Don var. *parviflorus* (Torr.) L. D. Benson] - HDH, W&W
 [*Ranunculus uncinatus* D. Don ex G. Don var. *parviflorus* (Torr.) L. D. Benson] - KTZ

Thalictrum

- (Identification sources: _____)
- Thalictrum alpinum* L. - Dorn01, FNA, KTZ, SF!, UTF, W&W, E/W
 [*Thalictrum alpinum* L. var. *hebetum* B. Boivin] - HDH
- Thalictrum dasycarpum* Fisch. & Avé-Lall. - Dorn01, FNA, GPF, KTZ, SF!, W&W, E/W
 [*Thalictrum dasycarpum* Fisch. & Avé-Lall. ex Fisch. May., & Avé-Lall.] - HDH
- Thalictrum fendleri* Engelm. ex A. Gray - Dorn01, FNA, HDH, UTF, W&W, E/W
 [*Thalictrum fendleri* Engelm.] - SF!
 [*Thalictrum fendleri* Engelm. ex A. Gray var. *fendleri*] - KTZ
- ♦ *Thalictrum helleri* Wilken & DeMott. - **ENDEMIC** <CO>, FNA, KTZ, SFW, W&W, W
- Thalictrum occidentale* A. Gray - FNA, UTF
 [*Thalictrum occidentale* A. Gray var. *occidentale*] - KTZ <WY>
- Thalictrum revolutum* DC. - FNA, KTZ, W&W

Thalictrum sparsiflorum Turcz. ex Fisch. & C. A. Mey. - FNA, E/W

[*Thalictrum sparsiflorum* Turcz.] - SF!

[*Thalictrum sparsiflorum* Turcz. ex Fisch. & Avé-Lall.] - W&W

[*Thalictrum sparsiflorum* Turcz. ex Fisch. & C. A. Mey. var. *saximontanum* B. Boivin] - Dorn01, KTZ

[*Thalictrum sparsiflorum* Turcz. ex Fisch., C. A. Mey., & Avé-Lall. var. *saximontanum* B. Boivin] - HDH

Thalictrum venulosum Trél. - Dorn01, FNA, GPF, HDH, KTZ, W&W

Trautvetteria carolinensis (Walter) Vail - FNA, HDH, SF!, UTF, W&W, E/W

[*Trautvetteria carolinensis* (Walter) Vail var. *occidentalis* (A. Gray) C. L. Hitchc.] - KTZ

Trollius albilflorus (A. Gray) Rydb. - Dorn01, FNA, SF!, W&W, E/W

[*Trollius laxus* Salisb.] - UT

[*Trollius laxus* Salisb. subsp. *albilflorus* (A. Gray) A. Löve, D. Löve, & B. M. Kapoor] - KTZ

[*Trollius laxus* Salisb. var. *albilflorus* A. Gray] - HDH

Viorna (see *Clematis*)

Viticella (see *Clematis*)

Resedaceae - RSD

* *Reseda lutea* L. - Dorn01, GPF, HDH, KTZ, SFE, UTF, W&W, E

* *Reseda luteola* L. - KTZ, SFE, W&W, E

[NS - Collected recently in Jefferson County [side WJ] in disturbed habitat, and in Weld County on the UNC campus, where it is well established around Ross Hall. Likely to be found elsewhere]

Rhamnaceae - RHM

Ceanothus fendleri A. Gray - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Ceanothus herbaceus Raf. - KTZ, SFE, W&W, E

[*Ceanothus herbaceus* Raf. var. *pubescens* (Torr. & A. Gray) Shinnies] - GPF

[*Ceanothus ovatus* Desf.] - HDH

Ceanothus martinii M. E. Jones - Dorn01, HDH, rep. IMF, KTZ, SFW, UTF, W&W, W

Ceanothus velutinus Douglas ex Hook. var. *velutinus* - IMF, KTZ, E/W

[*Ceanothus velutinus* Douglas] - Dorn01, GPF, SF!, UTF

Frangula (see *Rhamnus*)

Rhamnus betulifolia Greene - FCF, IMF, UTF

[*Frangula betulifolia* (Greene) Grubov subsp. *betulifolia*] - KTZ <AZ, NM, UT>

[*Rhamnus betulacifolia* Greene] - HDH, exp.

* *Rhamnus cathartica* L. - Dorn01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

* *Rhamnus frangula* L. - IMF, E

[*Frangula alnus* Mill.] - KTZ, SFE, W&W

Rhamnus smithii Greene - KTZ, SFW, W&W, W

[*Rhamnus smithii* Greene var. *smithii*] - HDH

Rosaceae - ROS

(Identification sources: _____)

Acomastylis (see Geum)

Agrimonia gryposepala Wallr. - KWA, M&H, KTZ, GPF, HDH exp.

Agrimonia striata Michx. - Dorn01, GPF, HDH, KTZ, SFI, W&W, E/W

{*Alchemilla alpina* L.] - HDH rep., KTZ, W&W labels mixed

Alchemilla vulgaris L. - KWA

[NS - See MacKay72; should confirm specimens, as otherwise only reported from New England and NE Canada]

[*Alchemilla filicaulis* subsp. *vestita* (Buser) M.E. Bradshaw] - KTZ

[*Alchemilla minor* Huds.] - M&H, KTZ

[*Alchemilla vulgaris* var. *vestita* (Buser) Murb.] - KTZ

Amelanchier alnifolia (Nutt.) Nutt. ex M. Roem. var. *alnifolia* - Dorn01, IMF, KTZ, E/W

[*Amelanchier alnifolia* Nutt.] - GPF, HDH, SFI, W&W

[*Amelanchier alnifolia* (Nutt.) Nutt.] - UTF

Amelanchier alnifolia (Nutt.) Nutt. ex Roem. var. *pumila* (Torr. & A. Gray) A. Nelson - Dorn01, E/W

[*Amelanchier alnifolia* Nutt.] - SFI, W&W

[*Amelanchier alnifolia* (Nutt.) Nutt.] - UTF

[*Amelanchier alnifolia* (Nutt.) Nutt. ex Roem. var. *pumila* (Nutt.) A. Nels.] - IMF

[*Amelanchier pumila* (Torr. & A. Gray) Nutt. ex M. Roemer] - KTZ

[*Amelanchier pumila* Nutt. ex Torr. & A. Gray] - HDH

Amelanchier utahensis Kochne - Dorn01, HDH, SFI, UTF, W&W, E/W

[*Amelanchier utahensis* Kochne var. *utahensis*] - IMF, KTZ

Argentina (see Potentilla)

Armeniaca (see Prunus)

Cerasus (see Prunus)

Cercocarpus breviflorus Gray - KWA, JM

[*Cercocarpus montanus* var. *paucidentatus* (S. Watson) F.L. Martin] - KTZ, M&H

[*Cercocarpus paucidentatus* (Watson) Britt.] - M&H, KWA

Cercocarpus ledifolius Nutt. var. *intercedens* C. K. Schneid. - Dorn01, KTZ, W

[*Cercocarpus ledifolius* Nutt.] - SFW

[*Cercocarpus ledifolius* Nutt. ex Torr. & A. Gray var. *intercedens* C. K. Schneid.] - IMF, possible hybrid

[*Cercocarpus ledifolius* Nutt. var. *intermontanus* N. H. Holmgren] - KTZ

[*Cercocarpus ledifolius* Nutt. ex Torr. & A. Gray var. *intermontanus* N. H. Holmgren] - IMF

Cercocarpus ledifolius Nutt. var. *intricatus* (S. Watson) M. E. Jones - Dorn01, W

[*Cercocarpus intricatus* S. Watson] - HDH, IMF, KTZ, SFW, W&W

Cercocarpus ledifolius Nutt. var. *ledifolius* - Dorn01, KTZ, W

[*Cercocarpus ledifolius* Nutt.] - SFW, UTF

[*Cercocarpus ledifolius* Nutt. ex Torr. & A. Gray] - HDH, W&W

[*Cercocarpus ledifolius* Nutt. ex Torr. & A. Gray var. *ledifolius*] - IMF

{*Cercocarpus montanus* Raf. var. *argenteus* (Rydb.) F. L. Martin} - GPF, KTZ, E/W

[*Cercocarpus fothergilloides* Kanth] - W&W¹, misid.

[*Cercocarpus montanus* Raf.] - HDH, SFI, W&W

Cercocarpus montanus Raf. var. *montanus* - IMF, KTZ, E/W

[*Cercocarpus montanus* Raf.] - Dorn01, HDH, SFI, UTF, W&W

Chamaerhodos erecta (L.) Bunge var. *parviflora* (Nutt.) C. L. Hitchc. - Dorn01, GPF, see IMF, E/W

[*Chamaerhodos erecta* (L.) Bunge] - IMF

[*Chamaerhodes erecta* (L.) Bunge subsp. *nutallii* (Pickering) Hultén] - SF!

[*Chamaerhodes erecta* (L.) Bunge subsp. *nutallii* (Pickering ex Rydb.) Hultén] - KTZ, W&W

[*Chamaerhodos erecta* Bunge var. *parviflora* (Nutt.) C. L. Hitchc.] - UTF

[*Chamaerhodos nutallii* (Torr. & A. Gray) Pickering] - HDH

Coleogyne namosissima Torr. - HDH, IMF, KTZ, SFW, UTF, W&W, W

Comarum (see **Potentilla**)

♦ *Cotoneaster acutifolia* Turcz. - Dorn01

Cowania (see **Purshia**)

Crataegus chrysocarpa Ashe var. *chrysocarpa* - KTZ, Phipps98

[*Crataegus chrysocarpa* Ashe] - Dom01, HDH, IMF, UTF, W&W

[*Crataegus columbiensis* Howell var. *chrysocarpa* (Ashe) Dom] - RMC

[*Crataegus rotundifolia* Moench] - GPF

Crataegus douglasii Lindl. var. *riparialis* (Nutt.) Sarg. - IMF, UTF, E/W

[*Crataegus douglasii* Lindl.] - Dom01 [but not for SRMR]

[*Crataegus riparia* Nutt.] - Dom01, HDH, KTZ, SF!, W&W

Crataegus erythropoda Ashe - Dorn01, HDH, IMF, KTZ, SF!, W&W, Phipps98, E/W

Crataegus macracantha Lodd. ex Loud. var. *occidentalis* (Britton) Eggleston - Dom01, Phipps98, E/W

[*Crataegus columbiensis* Howell var. *occidentalis* (Britton) Dom] - RMC

[*Crataegus macracantha* Lodd. var. *occidentalis* (Britton) Eggleston] - SF!, W&W

[*Crataegus succulenta* Schrad. var. *occidentalis* (Britton) E. J. Palm] - GPF

[*Crataegus succulenta* Schrad. ex Link] - HDH, IMF, KTZ, UTF, W&W

Crataegus saligna Greene - HDH, KTZ, SFW, W&W, W, Phipps99

[NS - Tim Dickinson (pers. comm., 2007) indicates this species also occurs in Duchesne Co., UT]; as such it is no longer counted as a regional endemic. See Beatty04 for its conservation assessment]

[*Crataegus douglasii* Lindl. var. *duschesnensis* S. L. Welsh] - UT3

Cylactis (see **Rubus**)

Dasiphora (see **Potentilla**)

Dryas octopetala L. var. *hookeriana* (Juz.) Breit. - Dorn01, IMF, UTF, E/W

[*Dryas octopetala* L.] - HDH

[*Dryas octopetala* L. subsp. *hookeriana* (Juz.) Hultén] - KTZ, SF!, W&W

Drymocallis (see **Potentilla**)

Erythrocoma (see **Geum**)

Fallugia paradoxa (D. Don) Endl. ex Torr. - KTZ, E

[*Fallugia paradoxa* (D. Don) Endl.] - GPF, HDH, IMF, SFE, UTF, W&W

Filipendula ulmaria (L.) Maxim. var. *denudata* (J. Presl & C. Presl) Hayne ex Maxim. - E
[*Filipendula ulmaria* (L.) Maxim. subsp. *denudata* (J. Presl & C. Presl) Hayek] - KTZ
[*Filipendula ulmaria* (L.) Maxim. var. *denudata* (Hayne) Maxim.] - SFE

Fragaria vesca L. - Dorn01, E/W

- [*Fragaria americana* (Porter) Britton] - HDH
- [*Fragaria vesca* L. subsp. *americana* (Porter) Staudt] - KTZ
- [*Fragaria vesca* L. var. *americana* Porter] - GPF
- [*Fragaria vesca* L. subsp. *bracteata* (A. Heller) Staudt] - KTZ, SF!, W&W
- [*Fragaria vesca* L. var. *bracteata* (A. Heller) R. J. Davis] - IMF, UTF

Fragaria virginiana Mill. - Dorn01, E/W

- [*Fragaria ovalis* (Lehmann) Rydb.] - HDH
- [*Fragaria virginiana* Duch.] - GPF
- [*Fragaria virginiana* Mill. subsp. *glaucia* (S. Watson) Staudt] - SF!, W&W
- [*Fragaria virginiana* Duch. subsp. *glaucia* (S. Watson) Staudt] - KTZ
- [*Fragaria virginiana* Duch. var. *glaucia* S. Watson] - UTF
- [*Fragaria virginiana* Mill. var. *glaucia* S. Watson] - IMF
- [*Fragaria virginiana* Duch. subsp. *platypetala* (Rydb.) Staudt] - KTZ
- [*Fragaria virginiana* Mill. var. *platypetala* (Rydb.) H. M. Hall] - IMF

Geum

(Identification sources: _____)

Geum aleppicum Jacq. - Dorn01, GPF, IMF, KTZ, SF!, UTF, E/W

- [*Geum aleppicum* Jacq. subsp. *strictum* (Aitton) Clausen] - W&W
- [*Geum strictum* Aitton var. *decurrens* (Rydb.) Kearney & Peebles] - HDH
- [*Geum strictum* Aitton var. *strictum*] - HDH

Geum macrophyllum Willd. var. *perincisum* (Rydb.) Raup - Dorn01, GPF, HDH, IMF, KTZ, E/W

- [*Geum macrophyllum* Willd. subsp. *macrophyllum*] - SF!
- [*Geum macrophyllum* Willd. subsp. *perincisum* (Rydb.) Hultén] - SF!
- [*Geum macrophyllum* Willd. var. *perincisum* Raup] - W&W

Geum rivale L. - Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W

Geum rossii (R. Br.) Ser. var. *turbinatum* (Rydb.) C. L. Hitchc. - Dorn01, IMF, KTZ, UTF, E/W

- [*Aconastylis rossii* (R. Br.) Greene subsp. *turbinata* (Rydb.) W. A. Weber] - SF!, W&W

[*Geum turbinatum* Rydb.] - HDH

Geum triflorum Pursh var. *ciliatum* (Pursh) Fass. - Dorn01, GPF, IMF, KTZ, UTF, E/W

- [*Erythronium trifolium* (Pursh) Greene] - SF!, W&W
- [*Geum ciliatum* Pursh var. *ciliatum*] - HDH

Geum triflorum Pursh var. *triflorum* - Dorn01, GPF, Hartman06, IMF, KTZ, UTF, E/W

- [*Erythronium trifolia* (Pursh) Greene] - SF!, W&W
- [*Geum ciliatum* Pursh var. *griseum* (Greene) Kearney & Peebles] - HDH exp.

Holodiscus dumosus (Nutt. ex Hook.) A. Heller var. *dumosus* - IMF, E/W

- [*Holodiscus discolor* (Pursh) Maxim.] - SF!, W&W¹
- [*Holodiscus dumosus* (Nutt.) A. Heller] - UTF
- [*Holodiscus dumosus* (Nutt. ex Hook.) A. Heller] - Dorn01, KTZ, W&W
- [*Holodiscus dumosus* (Nutt.) A. Heller var. *australis* (A. Heller) Ley] - HDH
- [*Holodiscus dumosus* (Nutt.) A. Heller var. *dumosus*] - HDH
- [*Holodiscus microphyllus* Rydb. var. *microphyllus*] - HDH

Ivesia gordonii (Hook.) Torr. & A. Gray - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

- * *Malus pumila* Mill. - Dom01, HDH, IMF, KTZ, UTF
 [NS - occasionally established outside cultivation, e.g. Poudre Canyon in Larimer Co., CO]
 [*Malus domestica* Borkh.] - W&W
- Oreobatus (see *Rubus*)**
- Padus (see *Prunus*)**
- Pentaphylloides (see *Potentilla*)**
- Peraphyllum ramosissimum** Nutt. - HDH, IMF, KTZ, SFW, UTF, W
 [*Peraphyllum ramosissimum* Nutt. ex Torr. & A. Gray] - W&W
- Petrophyton caespitosum** (Nutt.) Rydb. var. *caespitosum* - KTZ, W
 [*Petrophyton caespitosum* (Nutt.) Rydb.] - Dom01, IMF, SFW, UTF, W&W
 [*Petrophyton caespitosum* (Nutt.) Rydb.] - GPF, UTF
 [*Spiraea caespitosa* Nutt.] - HDH
- Physocarpus alternans** (M. E. Jones) Howell var. *alternans* - W
 [*Physocarpus alternans* (M. E. Jones) Howell subsp. *alternans*] - KTZ
 [*Physocarpus alternans* (M. E. Jones) Howell] - Dom01, HDH, IMF, SFW, UTF, W&W
- Physocarpus malvaceus** (Greene) Kuntze - Dom01, HDH exp., IMF, KTZ, UTF
- Physocarpus monogynus** (Torr.) J. M. Coulter - Dom01, GPF, HDH, IMF, KTZ, SF[†], W&W, E/W
- Physocarpus opulifolius** (L.) Maxim. var. *intermedius* (Rydb.) B. L. Rob. - KTZ, E
 [*Physocarpus intermedius* (Rydb.) C. K. Schneid.] - HDH
 [*Physocarpus opulifolius* (L.) Maxim.] - SFE, W&W
 [*Physocarpus opulifolius* (L.) Raf.] - IMF, UTF
 [*Physocarpus opulifolius* (L.) Raf. var. *intermedius* (Rydb.) B. L. Rob.] - GPF
- Potentilla**
- (Identification sources: _____)
- Potentilla ambigens** Greene - Dom01, HDH, KTZ, SFE, W&W, E
- * **Potentilla anglica** Laichard - IMF, KTZ, SFE, W&W, E
- Potentilla anserina** L. - Dom01, GPF, IMF, UTF, E/W
 [*Argentaria anserina* (L.) Rydb.] - KTZ, SF[†]
 [*Argentaria anserina* (L.) Rydb. var. *anserina*] - W&W
 [*Argentaria anserina* (L.) Rydb. var. *concolor* (Ser.) Rydb.] - SFE, W&W
 [*Potentilla anserina* L. var. *anserina*] - HDH
 [*Potentilla anserina* L. var. *sericea* (L.) Hayne] - HDH
- * **Potentilla argentea** L. var. *argentea* - KTZ, E
 [*Potentilla argentea* L.] - Dom01, GPF, SFE, W&W
- Potentilla arguta** Pursh var. *arguta* - IMF, UTF, E/W
 [*Drymecallis arguta* (Pursh) Rydb.] - SFI, W&W
 [*Potentilla arguta* Pursh] - Dom01, GPF
 [*Potentilla arguta* Pursh subsp. *arguta*] - HDH, KTZ
- Potentilla arguta** Pursh var. *convallaria* (Rydb.) T. F. Wolf - IMF, UTF, E/W
 [*Drymecallis arguta* (Pursh) Rydb.] - SFI, W&W
 [*Potentilla arguta* Pursh] - GPF

- [*Potentilla arguta* Parsh subsp. *convallaria* (Rydb.) D. D. Keck] - HDH, KTZ
Potentilla biennis Greene - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
Potentilla bipinnatifida Douglas ex Hook. - Dorn01, IMF, KTZ
 [*Potentilla pensylvanica* L.] - GPF, HDH, W&W¹
 [*Potentilla pensylvanica* L. var. *pensylvanica*] - W&W
Potentilla concinna Richardson var. *bierenata* (Rydb.) S. L. Welsh & B. C. Johnst. - Dorn01, KTZ, SF!, UTF, W&W, E/W
 [*Potentilla bierenata* Rydb.] - IMF
 [*Potentilla concinna* Richardson] - HDH
Potentilla concinna Richardson var. *concinna* - Dorn01, GPF, KTZ, SF!, UTF, W&W, E/W
 [*Potentilla concinna* Richardson] - HDH, IMF, SF!
 [*Potentilla concinna* Richardson var. *divisa* Rydb.] - GPF
 [*Potentilla quinquefolia* Rydb.] - HDH
Potentilla crinita A. Gray var. *crinita* - KTZ, W
 [*Potentilla crinita* A. Gray] - HDH, IMF, SFW, UTF, W&W
Potentilla diversifolia Lehm. var. *diversifolia* - Dorn01, GPF, IMF, KTZ, UTF, E/W
 [*Potentilla diversifolia* Lehm.] - HDH, SF!, W&W
Potentilla diversifolia Lehm. var. *perdissecta* (Rydb.) Hitchc. - Dorn01; Smith09?
Potentilla fissa Nutt. - Dorn01, GPF, HDH, Hartman06, IMF, KTZ, E/W
 [*Drymocallis fissa* (Nutt.) Rydb.] - SF!, W&W
Potentilla fruticosa L. - GPF, HDH, UTF, E/W
 [*Dasmiphona floribunda* (Parsh) Raf.] - W&W¹
 [*Dasmiphona fruticosa* (L.) Rydb. subsp. *floribunda* (Parsh) Kartesz] - KTZ
 [*Pentaphylloides floribunda* (Parsh) A. Löve] - Dorn01, SF!, W&W
 [*Pentaphylloides fruticosa* (L.) O. Schwarz] - IMF
{ *Potentilla glandulosa* Lindl. var. *glandulosa*] - GPF, E/W
 [*Drymocallis glandulosa* (Lindl.) Rydb.] - SF!, W&W
Potentilla glandulosa Lindl. var. *intemmedia* (Rydb.) C. L. Hitchc.] - Dorn01, GPF, UTF
Potentilla glandulosa Lindl. var. *pseudorupestris* Rydb.) Breit. - Dorn01, GPF, IMF
Potentilla gracilis Douglas ex Hook. var. *brunnescens* (Rydb.) C. L. Hitchc. - Dorn01, KTZ, E/W
 [*Potentilla gracilis* Douglas var. *brunnescens* (Rydb.) C. L. Hitchc.] - SF!
 [*Potentilla brunnescens* Rydb.] - HD
 [*Potentilla gracilis* Douglas] - W&W
Potentilla gracilis Douglas ex Hook. var. *elmeri* (Rydb.) Jeps.] - Dorn01, IMF, GREE (*Johnston & Hedgecock 1012*)
 [*Potentilla pectinifera* Rydb.] - HDH, KTZ, W&W, err. rep.
Potentilla gracilis Douglas ex Hook. var. *fastigiata* (Nutt.) S. Watson - Dorn01, IMF, KTZ, E/W
 [*Potentilla gracilis* Douglas var. *glabrata* (Lehm.) C. L. Hitchc.] - SF!
 [*Potentilla gracilis* Douglas ex Hook. var. *glabrata* (Lehm.) C. L. Hitchc.] - UTF, W&W¹, err. rep.
Potentilla gracilis Douglas ex Hook. var. *flabelliformis* (Lehm.) Nutt. ex Torr. & A. Gray -
 Dorn01, IMF, KTZ, W
 [*Potentilla flabelliformis* Lehmans] - SFW, W&W
 [*Potentilla gracilis* Douglas ex Hook.] - GPF
 [*Potentilla gracilis* Douglas ex Hook. var. *flabelliformis* (Lehm.) Nutt. ex Torr. & A. Gray] - KTZ
Potentilla gracilis Douglas ex Hook. var. *nuttallii* (Lehm.) E. Sheld. - E/W
 [*Potentilla gracilis* Douglas] - W&W
 [*Potentilla gracilis* Douglas var. *glabrata* (Lehm.) C. L. Hitchc.] - SF!
 [*Potentilla gracilis* Douglas ex Hook. var. *fastigiata* (Nutt.) S. Watson] - IMF, KTZ
 [*Potentilla gracilis* Douglas ex Hook. subsp. *nuttallii* (Rydb.) D. D. Keck] - HDH
 [*Potentilla gracilis* Douglas ex Hook. var. *glabrata* (Lehm.) C. L. Hitchc.] - GPF, UTF
Potentilla gracilis Douglas ex Hook. var. *pulcherrima* (Lehm.) Fernald - IMF, UTF, E/W
 [*Potentilla gracilis* Douglas ex Hook.] - GPF
 [*Potentilla pulcherrima* Lehm.] - HDH, KTZ, SF!, W&W

- Potentilla gracilis var. pulcherrima X *P. hippiana*
 [Potentilla hippiana Lehm. var. hippiana X *P. gracilis* Douglas ex Hook. var. pulcherrima (Lehm.) Fernald - SF¹, E/W]
- Potentilla hippiana Lehm. var. effusa (Dougl. ex Lehm.) Dorn - Dorn01
 [Potentilla effusa Douglas] - KTZ, SF¹
 [Potentilla effusa Douglas ex Lehm.] - W&W
 [Potentilla effusa Douglas ex Lehm. var. effusa] - E/W
 [Potentilla hippiana Lehm.] - KWA, M&H, GPF, HDH
- Potentilla hippiana Lehm. var. hippiana - Dorn01, KTZ, E/W
 [Potentilla hippiana Lehm.] - GPF, HDH, IMF, SF¹, UTF, W&W
- Potentilla hookeriana Lehm. - Dorn01, IMF, SF¹, W&W, E/W
 [Potentilla hookeriana Lehm. subsp. hookeriana] - KTZ
 [Potentilla rubricaulis Lehm.] - UTF
- Potentilla multisecta (Wats.) Rydb. - Dorn01
- Potentilla nivea L. var. nivea - KTZ, E/W
 [Potentilla nivea L.] - Dorn01, HDH, IMF, SF¹, UTF, W&W
 [Potentilla prostrata Rottboell subsp. floccosa Soják] - W&W¹
- Potentilla nivea L. var. pentaphylla Lehm. - KTZ
 [Potentilla nivea L.] - HDH, UTF, W&W
- Potentilla norvegica L. subsp. monspeliensis (L.) Asch. & Graebn. - KTZ, E/W
 [Potentilla monspeliensis L.] - HDH
 [Potentilla norvegica L.] - Dorn01, GPF, IMF, SF¹, UTF, W&W
 [Potentilla norvegica L. var. hirsuta (Michx.) Lehm.] - sec IMF
- Potentilla ovina Macoun var. decurrents (S. Watson) S. L. Welsh & B. C. Johnst. - Dorn01, E/W
 [Potentilla ovina Macoun] - SF¹
 [Potentilla ovina Macoun ex J. M. Macoun var. decurrents (S. Watson) S. L. Welsh & B. C. Johnst.] - IMF, KTZ
- Potentilla ovina Macoun var. ovina - Dorn01, E/W
 [Potentilla ovina Macoun] - SF¹, W&W
 [Potentilla ovina Macoun ex J. M. Macoun var. ovina] - IMF, KTZ
- Potentilla palustris (L.) Scop. - Dorn01, IMF, UTF, E/W
 [Cernaria palustris L.] - KTZ, SF¹, W&W
- Potentilla paradoxoa Nutt. - Dorn01, GPF, IMF, KTZ, UTF, E
 [Potentilla paradoxoa Nutt. ex Torr. & A. Gray] - HDH
 [Potentilla supina L. subsp. paradoxoa (Nutt.) Soják] - SFE
 [Potentilla supina L. subsp. paradoxoa (Nutt. ex Torr. & A. Gray) Soják] - W&W
- Potentilla pensylvanica L. var. pensylvanica - KTZ, UTF, W&W, E/W
 [Potentilla pensylvanica L.] - Dorn01, GPF, HDH, IMF, SF¹, W&W¹
 [Potentilla pensylvanica L. var. atrocirens (Rydb.) T. F. Wolf] - KTZ
 [Potentilla pensylvanica L. var. ovina Jeps.] - KTZ
- Potentilla platensis Nutt. - Dorn01, IMF, KTZ, SF¹, UTF, E/W
 [Potentilla platensis Nutt. ex Torr. & A. Gray] - HDH, W&W
 [Potentilla platensis Rydb.] - GPF
- * Potentilla recta L. - Dorn01, GPF, KTZ, SFE, W&W, E
- Potentilla rivalis Nutt. var. millegrana (Engelm. ex Lehm.) S. Watson - E/W
 [Potentilla leucocarpa Rydb.] - HDH
 [Potentilla rivalis Nutt.] - Dorn01, KWA, M&H, GPF, IMF, KTZ, SF¹, UTF
 [Potentilla rivalis Nutt. ex Torr. & A. Gray] - HDH, W&W
- Potentilla rubricaulis Lehm. - Dorn01, HDH, IMF, KTZ, SF¹, UTF, W&W, E/W
 [Potentilla rubricaulis Lehm. forma nana Clem. & E. G. Clem.] - HDH
 [Potentilla pensylvanica L. var. paucijuga (Rydb.) S. L. Welsh & B. Johnst.] - SF¹, UTF, E/W
- ♦ Potentilla rupincola Osterh. - **ENDEMIC** <CO>, HDH, KTZ, SFE, W&W, E
 [Potentilla effusa Douglas ex Lehm. var. rupincola (Osterhaut) T. F. Wolf] - KTZ

- Potentilla subjuga Rydb. - HDH, KTZ, SF!, W&W, E/W
 Potentilla subviscosa Greene - HDH, IMF, SFE, W&W, E
 [Potentilla subviscosa Greene var. subviscosa] - KTZ
 Potentilla thurberi A. Gray var. atrorubens (Rydb.) Kearny & Peebles - KWA, M&H, KTZ
 [Potentilla atrorubens Rydb.] - KWA
 Potentilla thurberi A. Gray var. thurberi - KWA, M&H
 Potentilla uniflora Ledeb. - KTZ, SF!, W&W, E/W
 [Potentilla nivea L.] - HDH

Prunus

(Identification sources: _____)

- Prunus americana Marshall - Dorn01, GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
 Prunus angustifolia Marshall var. angustifolia - KTZ, E
 [Prunus angustifolia Marshall] - GPF, SFE, W&W
 * Prunus armeniaca L. - GPF, IMF, KTZ, UTF
 [Armeniaca vulgaris Lam.] - W&W
 Prunus gracilis Engelm. & A. Gray - GPF, KTZ, SFE, W&W, E
 Prunus pensylvanica L. f. - Dorn01, GPF, E
 [Cerasus pensylvanica (L. f.) Loiseleur] - SFE, W&W
 [Prunus pensylvanica L. f. subsp. corymbulosa (Rydb.) W. F. Wight] - HDH
 [Prunus pensylvanica L. f. var. pensylvanica] - KTZ
 [Prunus pensylvanica L. f. var. siccimentana Rehd.] - KTZ
 *Prunus persica (L.) Batsch - Hartman06
 Prunus pumila L. var. besseyi (L. H. Bailey) Gleason - GPF, IMF, KTZ, E
 [Cerasus pumila (L.) Michaux subsp. besseyi (L. H. Bailey) W. A. Weber] - SFE, W&W
 [Prunus besseyi L. H. Bailey] - HDH, UTF
 [Prunus pumila L. var. besseyi (L. H. Bailey) Waugh] - Dorn01
 Prunus rivularis Scheele - GPF, KTZ, SFE, W&W, E
 [Prunus svercheronii Sarg.] - KTZ
 Prunus serotina Ehrhart var. rufula (Wooton & Standley) McVaugh - KWA, KTZ
 [Padus rufula Wooton & Standley] - KWA
 [Prunus serotina Ehrhart subsp. virens var. rufula (Woot. & Standl.) McVaugh] - M&H
 [Prunus virens var. rufula (Woot. & Standl.) Sarg.] - KWA, KTZ
 Prunus serotina Ehrhart var. virens - KWA
 [Padus virens Woot. & Standl.] - KWA
 [Prunus virens (Woot. & Standl.) Shreve] - KTZ, M&H
 Prunus virginiana L. var. melanocarpa (A. Nelson) Sarg. - Dorn01, HDH, IMF, KTZ, UTF, E/W
 [Padus virginiana (L.) Mill. subsp. melanocarpa (A. Nelson) W. A. Weber] - SF!, W&W
 [Prunus virginiana L.] - GPF
 Purshia stansburiana (Torr.) Henr. - IMF, KTZ, SFW, W&W, W
 [Cowania mexicana D. Don] - HDH
 [Purshia mexicana (D. Don) S. L. Welsh var. stansburiana (Torr.) S. L. Welsh] - UTF
 Purshia tridentata (Pursh) DC. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Rosa

(Identification sources: _____)

Rosa acicularis Lindl. subsp. sayi (Schwein.) W. H. Lewis - GPF, KTZ, E/W

- [*Rosa acicularis* Lindl.] - HDH, IMF
 [*Rosa engelmannii* S. Watson] - HDH
 [*Rosa sayi* Schweinitz] - Dorn01, SF¹, W&W
- Rosa arkansana* Porter var. *arkansana* - KTZ, E
 [*Rosa arkansana* Porter] - Dorn01, GPF, HDH, SFE, W&W
- {*Rosa arkansana* Porter var. *suffulta* (Greene) Cockerell} - KTZ, attributed to W&W
- * *Rosa blanda* Ait. var. *blanda* - GREE and RM (*Reif* 3225); Smith09?
- * *Rosa eglanteria* L.. - GPF, IMF, KTZ, UTF, E
 [*Rosa glauca* Pourr.] - SFE
 [*Rosa rubiginosa* L.] - W&W¹
- Rosa foetida* Herm., - FCF
- Rosa x harisoni* Rivers - Scheibout08
- Rosa manca* Greene - IMF, KTZ
 [*Rosa nutkana* C. Presl] - HDH
 [*Rosa woodsii* Lindl.] - W&W
 [*Rosa woodsii* Lindl. var. *ultramontana* (S. Watson) Jeps.] - UTF
- Rosa nutkana* C. Presl - HDH, IMF, KTZ, SFW, W&W misid., W
 [*Rosa nutkana* C. Presl var. *ispida* Fernald] - Dorn01, KTZ, UTF, W&W¹
- Rosa woodsii* Lindl. var. *ultramontana* (S. Watson) Jeps. - IMF, KTZ, UTF, E/W
 [*Rosa woodsii* Lindl.] - Dorn01, GPF, HDH, SF¹, W&W
- Rubacer (see *Rubus*)
- Rubus
- (Identification sources: _____)
- Rubus acaulis* Michx. - Dorn01, HDH, E/W
 [*Cyathis arctica* (L.) Raf. subsp. *acaulis* (Michx.) W. A. Weber] - SF¹,
 [*Cyathis arctica* (L.) W. A. Weber subsp. *acaulis* (Michx.) W. A. Weber] - W&W
 [*Rubus arcticus* L. subsp. *acaulis* (Michx.) Foske] - KTZ
- Rubus deliciosus* Torr. - Dorn01, GPF, HDH, KTZ, E/W
 [*Oreobatus deliciosus* E. James] - SFE
 [*Oreobatus deliciosus* (E. James) Rydb.] - SFW
 [*Oreobatus deliciosus* (E. James ex Torr.) Rydb.] - W&W
 [*Oreobatus deliciosus* (E. James ex Torr.) Rydb. subsp. *deliciosus*] - W&W¹
 [*Oreobatus deliciosus* E. James subsp. *neomexicanus* (Rydb.) W. A. Weber] - SFE
- * *Rubus discolor* Weihe & Nees - IMF, KTZ<AZ, NM, UT>, SFW, UTF, W&W¹, W
- Rubus idaeus* L. var. *strigosus* (Michx.) Maxim. - Dorn01, IMF
 [*Rubus idaeus* L. var. *aculeatissimus* Regel & Tiling] - E/W
 [*Rubus idaeus* L. subsp. *melanostachys* (Dieck) Focke] - SF¹, UTF, W&W
 [*Rubus idaeus* L. subsp. *sachalinensis* (H. Lév.) Focke var. *sachalinensis*] - GPF
 [*Rubus idaeus* L. subsp. *strigosus* (Michx.) Focke] - KTZ
 [*Rubus strigosus* Michx.] - HDH
- Rubus idaeus* L. var. *peramoenum* (Greene) Fern. - Dorn01
- * *Rubus laciniatus* Willd. - Dorn01, IMF, KTZ, SFE, W&W, E
- Rubus neomexicanus* A. Gray - IMF, KTZ, UTF
 [*Oreobatus deliciosus* (E. James ex Torr.) Rydb. subsp. *neomexicanus* (A. Gray) W. A. Weber] - W&W¹
 [*Oreobatus rubicundus* Wooton & Standl.] - W&W, misapp.
 [*Rubus* [*oreobatus*] *eximius* L. H. Bailey] - HDH
- ⊕ *Rubus occidentalis* L. - GPF, HDH, KTZ, SFE, W&W, E
 [*Rubus leucodermis* Douglas ex Torr. & A. Gray] - HDH, exp., IMF

- Rubus parviflorus* Nutt. var. *parviflorus* - KTZ, UTF, E/W
 [*Rubus parviflorus* (Nutt.) Rydb.] - SF!, W&W
 [*Rubus parviflorus* Nutt.] - Dorn01, GPF, HDH, IMF
Rubus pubescens Raf. var. *pubescens* - KTZ, E
 [*Clycactis pubescens* (Raf.) W. A. Weber] - SFE, W&W
 [*Rubus pubescens* Raf.] - Dorn01, GPF, HDH

- * *Sanguisorba minor* Scop. subsp. *muricata* Briq. - E/W
 [*Sanguisorba minor* Scop.] - Dorn01, IMF, SF!, UTF, W&W
 [*Sanguisorba minor* Scop. subsp. *muricata* (Spach) Nordborg] - KTZ

Sibbaldia procumbens L. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

- Sorbus dumosa* Greene - KWA, M&H, KTZ
Sorbus scopulina Greene var. *scopulina* - IMF, KTZ, E/W
 [*Sorbus scopulina* Greene] - Dorn01, GPF, HDH, SF!, UTF, W&W

Spiraea (see also **Petrophyton**)

- Spiraea betulifolia* Pall. var. *lucida* (Dougl. ex Hook.) C. L. Hitchc. - Dorn01
 [*Spiraea betulifolia* subsp. *lucida* (Dougl. ex Greene) Taylor & MacBryde] - KTZ
 [*Spiraea lucida* Dougl. ex Greene] - KTZ
Spiraea douglasii Hook. var. *menziesii* (Hook.) C. Presl - KTZ, SFW, W&W, W
Spiraea X *vanhoutiae* (Briot) Carriere - KTZ

Rubiaceae - RUB

(Identification sources: _____)

Asperula (see **Galium**)

Galium

(Identification sources: _____)

- * *Galium aparine* L. var. *aparine* - Dorn01, HDH, IMF, UTF, E/W
 [*Galium aparine* L.] - GPF, KTZ, SF!, W&W
 * *Galium aparine* L. var. *echinospermum* (Wallr.) Farw. - Dorn01, HDH, IMF, UTF, E/W
 [*Galium aparine* L.] - GPF, KTZ
 [*Galium aparine* L. var. *echinospermum* (Wallr.) Farw.] - RMC
 [*Galium spurium* L.] - SF!, W&W

Galium bifolium S. Watson - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Galium boreale L. - Dorn01, GPF, HDH, IMF, KTZ, UTF, E/W
 [*Galium septentrionale* Roem. & Schult.] - SFT, W&W

Galium fendleri A. Gray - KWA, M&H, KTZ

Galium mexicanum Kunth var. *aspernum* (A. Gray) Higgins & S. L. Welsh - UTF, E/W
 [*Galium mexicanum* Kunth subsp. *aspernum* (A. Gray) Dempster] - KTZ, SF!, W&W

Galium multiflorum Kellogg var. *coloradoense* (Wight) Cronquist - IMF, UTF, W
 [*Galium coloradoense* W. F. Wight] - Dorn01, HDH, KTZ
 [*Galium coloradoense* W. F. Wight] - SFW, W&W

* *Galium odoratum* (L.) Scop. - KTZ, W&W

Gallium proliferum A. Gray - HDH, exp., IMF, KTZ <AZ, NM, UT>, UTF, W&W
[*Asperula odorata* L.] - HDH

Gallium trifidum L., subsp. *columbianum* (Rydb.) Hultén - KTZ
[*Gallium trifidum* L.] - GPF, UTF

Gallium trifidum L. var. *subbiflorum* Wiegand - IMF, E/W
[*Gallium brandegeei* A. Gray] - HDH

[*Gallium trifidum* L.] - GPF

[*Gallium trifidum* L. subsp. *brevipes* (Fernald & Wiegand) A. Löve & D. Löve] - SFW

[*Gallium trifidum* L. subsp. *subbiflorum* (Wiegand) Piper] - KTZ

[*Gallium trifidum* L. subsp. *subbiflorum* (Wiegand) Paff] - W&W

[*Gallium trifidum* L. subsp. *subbiflorum* (Fernald & Wiegand) Paff] - SFE

[*Gallium subbiflorum* (Wiegand) Rydb.] - HDH

Gallium trifidum L. var. *trifidum* - IMF

[*Gallium trifidum* L.] - Doen01, GPF, HDH, UTF

[*Gallium trifidum* L. subsp. *trifidum*] - KTZ

Gallium triflorum Michx. - GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

**Gallium verum* L. - Doen01, GPF, HDH, IMF, KTZ, SF!, W&W, E/W

Hedysotis nigricans (Lam.) Fosberg var. *nigricans* - KTZ, E

[*Hedysotis nigricans* (Lam.) Fosberg] - GPF, SFE, W&W

Ruppiaceae - RUP

Ruppia cirrhosa (Petagna) Grande - Doen01, FNA, KTZ, E/W

[*Ruppia cirrhosa* (Petagna) Grande subsp. *occidentalis* (S. Watson) A. Löve & D. Löve] -
SF!, W&W

[*Ruppia maritima* L.] - HDH, IMF, UTF, W&W¹, err. rep.

[*Ruppia maritima* L. var. *occidentalis* (S. Watson) Griseb.] - GPF

[*Ruppia maritima* L. var. *rostrata* J. Agardh] - GPF

Ruscaceae - RUS

Maianthemum racemosum (L.) Link var. *amplexicaule* (Nutt.) Dorn - Dorn01, E/W

[*Maianthemum amplexicaule* (Nutt.) W. A. Weber] - SF!, W&W

[*Maianthemum racemosum* (L.) Link] - W&W¹, err. rep.

[*Maianthemum racemosum* (L.) Link subsp. *amplexicaule* (Nutt.) LaFrankie] - FNA, KTZ

[*Smilacina racemosa* (L.) Desf.] - GPF, IMF, UTF

[*Smilacina racemosa* (L.) Desf. var. *amplexicaulis* (Nutt.) S. Watson] - HDH

[*Smilacina amplexicaulis* Nutt.] - FNA

[*Uvularia amplexicaulis* (Nutt.) Greene] - FNA

[*Vagnera amplexicaulis* (Nutt.) Greene] - FNA

[*Vagnera pallens* Greene] - FNA

Maianthemum stellatum (L.) Link] - KTZ, SF!, W&W, E/W

[*Smilacina stellata* (L.) Desf.] - GPF, HDH, IMF, UTF

Nolina

[NS - here following forthcoming treatment in the next version of the *Synthesis by Kartesz*]

Nolina greenei S. Watson ex Trelease - FNA, KTZ

Nolina microcarpa S. Watson - KTZ, FNA, HDH rep., IMF, KTZ, UTF, W&W, misapp.

[WJ - The FNA range map for *N. microcarpa* places it in ne NM; in my opinion it occurs no closer than se NM west of Truth or Consequences, and it is never e of the Rio Grande. The FNA placement of *N. microcarpa* in se NM is probably based on misidentifications at UNM]

{*Nolina texana* S. Watson} - SFE, WJ, W&W, E

[WJ - I disagree with the treatment in FNA. There is no difference in the se CO plants called *N. greenii* from those in sw NM, which are *N. texana*. I have seen the type of *N. greenii*, which is little more than a couple of leaves (collected by Greene at Trinidad, CO, in Jan 1880)]

{*Polygonatum biflorum* (Walter) Elliott var. *commutatum* (Schult. & Schult. f.) Morong} -

KTZ <KS, NE, NM, OK, WY>

{*Polygonatum biflorum* (Walter) Elliott} - GPF, RMC

{*Polygonatum commutatum* (Schultesf.) A. Dietr. ex Otto & A. Dietr.] - HDH, esp.

{*Polygonatum commutatum* (Schultesf.) A. Dietr.} - W&W

Rutaceae - RUT

Ptelea trifoliata L. - SFE, W&W, E

[WJ - our plants are distinct and should be called *P. angustifolia* Benth.]

{*Ptelea baldwinii* Torr. & A. Gray] - HDH

{*Ptelea trifoliata* L. subsp. *palida* (Greene) V. L. Bailey var. *confinis* (Greene) V. L. Bailey] - IMF, KTZ

{*Ptelea trifoliata* L. subsp. *polyadenia* (Greene) V. L. Bailey] - GPF, KTZ

Thamnosma texana (A. Gray) Torr. - GPF, HDH, KTZ, SFE, W&W, E

[WJ - only specimens from CO are from over 100 years near Canon City; unaware of any populations in northern NM, thus likely extirpated in our area]

Salicaceae - SAL

(Identification sources: _____)

Populus X acuminata Rydb. - GPF, KTZ, SF1, UTF, E/W

[*Populus angustifolia* X P. *deltoides*] - KTZ

[*Populus acuminata* Rydb.] - Dom01, HDH, W&W

[*Populus X andrewsii* Sargent] - HDH

* *Populus alba* L. - Dom01, GPF, KTZ, UTF

Populus angustifolia E. James - Dom01, GPF, HDH, KTZ, SF1, UTF, W&W, E/W

Populus balsamifera L. - Dom01, GPF, HDH, SF1, W&W

[*Populus balsamifera* L. var. *balsamifera*] - E/W

[*Populus balsamifera* L. subsp. *balsamifera*] - KTZ, UTF

Populus X brayshawii B. Boivin - GPF <CO>, KTZ

[*Populus angustifolia* X P. *balsamifera*] - KTZ

Populus X canadensis Moench - WY checklist, KTZ

[*Populus canadensis* var. *eugenei* (Simon-Louis) Schelle] - KTZ

[*Populus canadensis* var. *serotina* (T. Hartig) Rehd.] - KTZ

[*Populus X eugenei* Sinton-Louis] - KTZ

[*Populus euramericana* Gmelin] - KTZ

Populus deltoides W. Bartram ex Marshall var. *occidentalis* Rydb. - Dom01, E

[*Populus deltoides* W. Bartram ex Marshall subsp. *monilifera* (Aiton) Eckernw.] - KTZ

[*Populus deltoides* Marshall subsp. *monilifera* (Aiton) Eckernw.] - GPF, SFE, W&W

[*Populus deltoides* Marshall var. *occidentalis* Rydb.] - UTF

[*Populus sargentii* Dode] - HDH

Populus deltoides W. Bartram ex Marshall var. *wislizenii* (S. Watson) Dom - Dom01, W

[*Populus deltoides* W. Bartram ex Marshall subsp. *wislizenii* (S. Watson) Eckernw.] - KTZ

[*Populus deltoides* Marshall subsp. *wislizenii* (S. Watson) Eckernw.] - SFW, W&W

[*Populus fremontii* S. Watson var. *wislizenii* S. Watson] - UTF

[*Populus wislizenii* (S. Watson) Sargent] - HDH

- Populus fremontii* S. Watson var. *fremontii* - UTF
 [Populus fremontii S. Watson subsp. *fremontii*] - KTZ, W&W
 {Populus X *intercurrentis* S. Goodrich & S. L. Welsh} - UT3
 (NS - reported for CO by UT3, specimens not seen)
Populus X jackii Sarg. - GPF, KTZ, W&W
 [Populus balsamifera X *P. deltoides*] - KTZ
 * *Populus nigra* L. - GPF, KTZ, W&W
Populus tremuloides Michx. - GPF, HDH, KTZ, SF!, UTF, W&W, E/W

Salix

[See Argus07 for distribution maps with caveats regarding taxonomic recognition]

(Identification sources: _____)

- * *Salix alba* L. var. *vitellina* (L.) Stokes - GPF, W&W, E/W
 - [*Salix alba* L.] - , Argus07, KTZ
 - [*Salix alba* L. var. *vitellina* (L.) Koch] - SF!
- Salix amygdaloidea* Andersson - Argus07, Dom01, GPF, KTZ, SF!, UTF, W&W, E/W
 - [*Salix amygdaloidea* Andersson forma *amygdaloidea*] - HDH
 - [*Salix amygdaloidea* Andersson forma *angustissima* E. C. Sm.] - HDH
 - [*Salix amygdaloidea* Andersson forma *pilosissima* C. K. Schneider] - HDH
- Salix arctica* Pall. var. *petraea* (Andersson) Bebb - Dom01, E/W
 - [*Salix angloana* Charr. var. *antiplata* C. K. Schneider] - HDH
 - [*Salix arctica* Pall. subsp. *petraea* (Andersson) A. Löve, D. Löve, & B. M. Kapoor] - SF!, W&W
 - [*Salix arctica* Pall. var. *petraea* Andersson] - UTF
 - [*Salix petrophila* Rydb.] - Argus07, KTZ, W&W¹
- Salix arizonica* Doorn - Argus07
 - [NS - absent from previous checklists]
- * *Salix babylonica* L. - SF!, W&W, E/W
 - [*Salix X pendulina* Wender.] - KTZ
 - [*Salix fragilis* X *S. sepularis*] - KTZ
 - [*Salix X sepularis* Sintorn.] - KTZ
 - [*Salix alba* X *S. pendulina*] - KTZ
- {*Salix barclayi* Anderss.} - KTZ, W&W¹ err. rep.
- Salix bebbiana* Sarg. - Argus07, Dom01, KTZ, SF!, UTF, W&W, E/W
 - [*Salix bebbiana* Sarg. var. *bebbiana*] - GPF, HDH, RMC
 - [*Salix bebbiana* Sargent var. *parrotrostria* (Rydb.) C. K. Schneid.] - GPF, HDH
- Salix boothii* Dom - Argus07, Doorn01, KTZ, SF!, UTF, W&W, E/W
 - [*Salix pseudocordata* (Anderson) Rydb.] - HDH
- Salix brachycarpa* Nutt. var. *brachycarpa* - HDH, KTZ, UTF, E/W
 - [*Salix brachycarpa* Nutt.] - Dom01, SF!, W&W
 - [*Salix brachycarpa* Nutt. subsp. *brachycarpa*] - Dom97
 - [*Salix brachycarpa* Nutt. var. *antimima* Raup] - HDH
 - [*Salix brachycarpa* Nutt. var. *sansonii* C. R. Ball] - HDH
 - [*Salix glauca* L. var. *glaucescens* (Anderson) C. K. Schneid.] - HDH
 - [*Salix pseudolagopus* Seem.] - HDH
- Salix calcicola* Fernald & Wiegand var. *glandulosior* B. Boivin - Argus07
 - [*Salix calcicola* Fernald & Wiegand] - Snow07b, KTZ, SFE, Dom97, E/W
 - [*Salix lanata* L. subsp. *calcicola* (Wiegand) Hultén] - SFW
 - [*Salix lanata* L. subsp. *calcicola* (Fernald & Wiegand) Hultén] - W&W
- Salix candida* Flüggé ex Willd. - Argus07, Dom01, KTZ, E/W
 - [*Salix candida* Flüggé] - GPF, HDH, SF!, W&W

- Salix cascadensis* Cockerell - Argus07, Dom01, HDH rep., KTZ, SF! exp., UTF, W&W err. rep.
- {*Salix cordifolia* Pursh var. *callicarpa* (Trinut.) Fernald} - HDH, W&W, err. rep.
- {*Salix glauca* L. subsp. *callicarpa* (Trinut.) Bocher} - KTZ
- Salix discolor* Muhl. - Argus07, Dom01, KTZ
- [*Salix acorifera* Fern.] - KTZ
- [*Salix conformis* Forbes] - KTZ
- [*Salix crassa* Barratt] - KTZ
- [*Salix discolor* var. *overi* Ball] - KTZ
- [*Salix discolor* var. *prinoides* (Pursh) Andress.] - KTZ
- [*Salix discolor* var. *rigida* (Anderss.) Schneid.] - KTZ
- [*Salix fuscata* Pursh] - KTZ
- [*Salix prinoides* Pursh] - KTZ
- [*Salix sensitiva* Barratt] - KTZ
- [*Salix squamata* Rydb.] - KTZ
- Salix drummondiana* Barr. ex Hook. - Dom01, KTZ, UTF, E/W
- [*Salix drummondiana* Barr.] - SF!, W&W
- [*Salix subcoerulea* Piper] - HDH
- Salix eriocephala* Michx. var. *famelica* (C. R. Ball) Dorn - Dom01, E/W
- [*Salix lata* Nutt.] - Argus07, GPF, KTZ, SF!, W&W, W&W[†]
- [*Salix lata* Nutt. var. *famelica* C. R. Ball] - HDH
- Salix eriocephala* Michx. var. *ligulifolia* (C. R. Ball) Dorn - Dom01, E/W
- [*Salix ligulifolia* C. R. Ball] - Argus07, SF!
- [*Salix ligulifolia* (C. R. Ball) C. R. Ball ex C. K. Schneid.] - KTZ
- [*Salix ligulifolia* (C. R. Ball ex C. K. Schneid.) C. R. Ball ex E. C. Smith] - W&W[†]
- [*Salix lata* Nutt. var. *ligulifolia* C. R. Ball] - HDH
- Salix eriocephala* Michx. var. *watsonii* (Bebb) Dorn - Dom01, E
- [*Salix eriocephala* Michx.] - SFE
- [*Salix ligulifolia* (C. R. Ball ex C. K. Schneid.) C. R. Ball ex E. C. Smith] - W&W[†]
- [*Salix lata* Nutt.] - GPF, KTZ, W&W
- [*Salix lata* Nutt. var. *lutea*] - HDH
- [*Salix lata* Nutt. var. *playphylla* C. R. Ball] - HDH
- [*Salix lata* Nutt. var. *watsonii* (Bebb) Cronq.] - UTF
- [*Salix rigida* Muhl. var. *watsonii* (Bebb) Cronquist] - W&W
- Salix exigua* Nutt. - KTZ, SF!
- [*Salix exigua* Nutt. subsp. *exigua*] - Argus07, GPF, W&W
- [*Salix exigua* Nutt. subsp. *exigua* var. *exigua*] - UTF, Dom07
- [*Salix exigua* Nutt. var. *exigua*] - Dom01, HDH, E/W
- [*Salix exigua* Nutt. subsp. *exigua* var. *stenocephala* (Rydb.) C. K. Schneid.] - UTF
- [*Salix exigua* Nutt. var. *interioriscea* (Rydb.) C. K. Schneid.] - HDH
- [*Salix exigua* Nutt. var. *stenophylla* (Rydb.) C. K. Schneid.] - HDH
- [*Salix linearifolia* Rydb.] - HDH
- [*Salix exigua* Nutt.] - SF!
- [*Salix exigua* Nutt. subsp. *interior* (Rowlee) Cronquist] - GPF, W&W, Dom07
- [*Salix exigua* Nutt. var. *pedicellata* (Andersson) Cronquist] - E/W
- [*Salix interior* Rowlee] - KTZ
- [*Salix interior* Rowlee var. *interior*] - HDH
- [*Salix interior* Rowlee var. *pedicellata* (Andersson) C. R. Ball] - HDH
- Salix famelica* (C. R. Ball) Argus - Argus07
- [*Salix lata* Nuttall var. *famelica* C. R. Ball] - Argus07
- * *Salix fragilis* L. - Dom01, GPF, HDH, KTZ, SF!, UTF, W&W, E/W
[NS - not included in our region by Argus07; needs further study]
- Salix geyeriana* Andersson - Argus07, Dom01, KTZ, SF!, W&W, E/W
- [*Salix geyeriana* Andersson var. *argentea* (Bebb) C. K. Schneid.] - HDH

- [*Salix geyeriana* Andersson var. *geyeriana*] - HDH, UTF
- Salix glauca* L. var. *villosa* Andersson - Dorn01, E/W
 [*Salix brachycarpa* Nutt.] - W&W¹
 [*Salix glauca* L.] - Argus07 [as "L."], SF!
 [*Salix glauca* L. subsp. *glauca* var. *villosa* (D. Don ex Hook.) Andersson] - KTZ
 [*Salix glauca* L. var. *villosa* (Hook.) Andersson] - UTF
- Salix gooddingii* C. R. Ball - Argus07, KTZ, SFW, UTF, W&W, Dorn97, W
 [*Salix nigra* Marsh.] - GPF
- Salix interior* Rowlee - Argus07
 [NS - relationship to names under *S. exigua* should be re-examined for our region]
- Salix irrorata* Andersson - Argus07, Dorn01, HDH, KTZ, SFE, W&W¹, E
- Salix lasiandra* Benth. var. *caudata* (Nutt.) Sudw. - Argus07, Dorn01, E/W
 [*Salix caudata* (Nutt.) A. Heller var. *caudata*] - HDH
 [*Salix lucida* Muhl. subsp. *caudata* (Nutt.) E. Murray] - KTZ, W&W
 [*Salix lucida* Muhl. subsp. *caudata* (Nutt.) Argus] - SFI, UTF
- Salix lasiandra* Benth. var. *lasiandra* - Argus07, Dorn97, E/W
 [*Salix caudata* (Nutt.) A. Heller var. *bryantiana* C. R. Ball & Bracelin] - HDH
 [*Salix lasiandra* Benth.] - HDH
 [*Salix lucida* Muhl. subsp. *lasiandra* (Benth.) Argus] - SF!
 [*Salix lucida* Muhl. subsp. *lasiandra* (Benth.) E. Murray] - KTZ, W&W
- {*Salix lemprierii* Bebb} - Dorn01, KTZ <CO, WY>
 [NS - voucher for our area not seen!]
 {*Salix lucida* Muhl.} - GPF, HDH, W&W, err. rep.
 [*Salix lucida* Muhl. subsp. *lucida*] - KTZ <KS>, W&W¹, err. rep.
- * *Salix matsudana* Koidz. - KTZ, SFI, W&W, E/W
 [*Salix matsudana* Koidz. forma *tortuosa* Rehd.] - UTF
 [*Salix matsudana* Koidz. forma *umbraclulifera* Rehd.] - UTF
- Salix melanopsis* Nutt. - Argus07, Dorn01, KTZ, SFI, W&W¹, misid, E/W
- Salix monticola* Bebb - Argus07, Dorn01, HDH, KTZ, SFI, W&W, E/W
 [*Salix barclayi* Andersson var. *barclayi*] - HDH
 [*Salix barclayi* Andersson var. *hebecarpa* Andersson] - HDH
 [*Salix monticola* Bebb ex J. M. Coul.] - UTF
 [*Salix pseudomonocila* C. R. Ball] - GPF, SF!
 [*Salix pseudomonocila* C. R. Ball var. *padephylla* (Ryd.) C. R. Ball] - HDH
 [*Salix pseudomonocila* C. R. Ball var. *pseudomonocila*] - HDH
- Salix myrtillifolia* Andersson var. *myrtillifolia* - Dorn97, E/W
 [*Salix myrtillifolia* Andersson] - Argus07, KTZ, SFI, W&W
- Salix nigra* Marshall - Argus07, KTZ, SFE, W&W¹, Dorn97, E
- {*Salix oreastera* Schneid.} - KTZ
- Salix pentandra* L. - Argus07, GPF, KTZ, UTF
- Salix petiolaris* J. E. Sm. - Argus07, GPF, HDH, KTZ, Dorn97, E
 [*Salix gracilis* Andersson] - SFE, W&W
- Salix planifolia* Pursh var. *planifolia* - Dorn01, E/W
 [*Salix planifolia* Pursh] - Argus07, GPF, SFI, W&W
 [*Salix planifolia* Pursh subsp. *planifolia*] - KTZ
 [*Salix planifolia* Pursh subsp. *planifolia* (Pursh) Hiltonen var. *monica* (Bebb) Jeps.] - UTF
 [*Salix planifolia* Pursh subsp. *planifolia* var. *planifolia*] - UTF
 [*Salix planifolia* Pursh var. *monica* (Bebb) C. K. Schneid.] - HDH
 [*Salix planifolia* Pursh var. *nelsonii* (C. R. Ball) C. R. Ball] - HDH
- {*Salix X princeps-ourayi* L. Kelso} - KTZ (Argus pers. comm.)
 [*Salix glauca* X *S. monticola*] - KTZ
- * {*Salix purpurea* L.} - HDH, KTZ, SFE, UTF, W&W, E
- Salix reticulata* L. var. *reticulata* - KTZ

- [*Salix nivalis* Hook.] - Argus07, W&W¹
 [*Salix reticulata* L. subsp. *reticulata*] - KTZ
Salix reticulata L. var. *nana* Andersson - Dorn01, E/W
 [*Salix nivalis* Hook.] - KTZ, W&W¹
 [*Salix nivalis* Hook. var. *nivalis*] - HDH
 [*Salix nivalis* Hook. var. *nivalis* (Ryd.) C. K. Schaeid.] - HDH
 [*Salix reticulata* L. subsp. *nivalis* (Hook.) A. Löve, D. Löve, & B. M. Kapoor] - SF!, W&W, Dorn97
 [*Salix reticulata* L. var. *nivalis* (Hook.) Andersson] - UTF
 {*Salix X rubens* Schrank} - KTZ, UTF
 [*Salix alba* X *S. fragilis*] - KTZ
Salix scouleriana Barratt ex Hook. - Argus07, Dorn01, KTZ, W&W, E/W
 [*Salix scouleriana* Barr. J - GPF, HDH, SF!, UTF
Salix serissima (L., H. Bailey) Fernald - Argus07, Dorn01, GPF, HDH, KTZ, SF!, W&W, E/W
Salix wolffii Bebb var. *wolffii* - Argus07, Dorn01, HDH, UTF, E/W
 [*Salix wolffii* Bebb] - KTZ, SF!, W&W
 {*Salix wolffii* Bebb var. *idahoensis* C. R. Ball} - HDH, Dorn97
 [*Salix wolffii* Bebb] - KTZ, W&W

Sambucaceae - SAM

- ♦ *Sambucus canadensis* L. var. *canadensis* - E
 [*Sambucus canadensis* L.] - Dom01, GPF, HDH, SFE, UTF, W&W
 [*Sambucus nigra* L. subsp. *canadensis* (L.) R. Boll.] - KTZ
Sambucus cerulea Raf. - Dorn01, IMF, E/W
 [*Sambucus caerulea* Raf.] - UTF
 [*Sambucus cerulea* Raf. var. *cerulea*] - KTZ
 [*Sambucus cerulea* Raf.] - HDH, SF!, W&W
 [*Sambucus nigra* L. subsp. *cerulea* (Raf.) R. Boll.] - KTZ
Sambucus racemosa L. var. *melanocarpa* (A. Gray) McMinn - Dorn01, KTZ, UTF, E/W
 [*Sambucus melanocarpa* A. Gray] - HDH
 [*Sambucus microbotrys* Rydb.] - W&W
 [*Sambucus racemosa* L. subsp. *pubens* (Michx.) House var. *melanocarpa* (A. Gray) McMinn] - IMF
Sambucus racemosa L. var. *microbotrys* (Rydb.) Kearn. & Peeb. - Dorn01, UTF, E/W
 [*Sambucus microbotrys* Rydb.] - SF!, W&W
 [*Sambucus racemosa* L. subsp. *pubens* (Michx.) House] - GPF
 [*Sambucus racemosa* L. subsp. *pubens* (Michx.) House var. *microbotrys* (Rydb.) Kearn. & Peeb.] - IMF, KTZ
 [*Sambucus racemosa* L. var. *racemosa*] - KTZ
 {*Sambucus racemosa* L. var. *racemosa*} - KTZ
 [*Sambucus pubens* Michx.] - HDH, W&W, err.
 [*Sambucus racemosa* L. subsp. *pubens* (Michx.) House] - GPF
 [*Sambucus racemosa* L. subsp. *pubens* (Michx.) House var. *pubens* (Michx.) Koehne]
 [*Sambucus racemosa* L. subsp. *pubens* (Michx.) House var. *leucocarpa* (Torr. & A. Gray) Cronquist]

Santalaceae - SAN (including Viscaceae; excluding Loranthaceae)

- Comandra umbellata* (L.) Nutt. var. *pallida* (A. DC.) M. E. Jones - Dom01, IMF, UTF, E/W
 [*Comandra umbellata* (L.) Nutt.] - HDH, SF!
 [*Comandra umbellata* (L.) Nutt. subsp. *pallida* (A. DC.) Pielib] - GPF, KTZ, W&W

Sapindaceae - SAP (including Aceraceae, Hippocastanaceae)

- Acer ginnala* Maxim. - WY checklist

Acer glabrum Torr. var. *glabrum* - HDH, IMF, KTZ, UTF, E/W

[*Acer glabrum* Torr.] - GPF, SF!, W&W

[*Acer glabrum* Torr. var. *neomexicanum* (Greene) Kearney & Peebles] - HDH, KTZ

[*Acer glabrum* Torr. var. *tripartitum* (Nutt.) Pax] - HDH

[*Acer glabrum* Torr. forma *triseptatum* Sarg.] - SF!

Acer grandidentatum Nutt. var. *grandidentatum* - KTZ, W

[*Acer grandidentatum* Nutt.] - IMF, SFW, UTF

[*Acer grandidentatum* Nutt. ex Torr. & A. Gray] - HDH, W&W

Acer negundo L. var. *interius* (Britton) Sarg. - Dorn01, GPF, HDH, IMF, KTZ, E/W

[*Acer negundo* L. var. *interius* (Britton) Sarg.] - UTF

[*Negundo aceroides* Moench subsp. *interius* (Britton & Shafer) A. Löve & D. Löve] - SF!

[*Negundo aceroides* (L.) Moench subsp. *interius* (Britton & Shafer) A. Löve & D. Löve] - W&W

⊕ *Acer negundo* L. var. *violaceum* (Kirchn.) Jaeger - Dorn01, GPF, KTZ, E/W

[*Acer negundo* L. var. *violaceum* Jaeger & Beissn.] - HDH

[*Acer negundo* L. var. *violaceum* (Kirchn.) Jaeger] - RMC

[*Negundo aceroides* Moench subsp. *violaceum* (Kirchn.) W. A. Weber] - SFE

[*Negundo aceroides* Moench subsp. *violaceum* (Kirchn.) W. A. Weber] - SFW

[*Negundo aceroides* (L.) Moench subsp. *violaceum* (Kirchn.) W. A. Weber] - W&W

Aesculus glabra Willd. - WY checklist

[*Aesculus glabra* Willd. var. *arguta* (Buckl.) B. L. Robinson] - KTZ

Negundo (see Acer)

Sapindus saponaria L. var. *drummondii* (Hook. & Arn.) L. D. Benson - GPF, IMF, KTZ, SFE, UTF, E

[*Sapindus drummondii* Hook. & Arn.] - HDH, W&W

Sarcobataceae - SRB

Sarcobatus vermiculatus (Hook.) Toer. var. *vermiculatus* - Dorn01, UTF, E/W

[*Sarcobatus vermiculatus* (Hook.) Toer.] - GPF, HDH, KTZ, SF!, W&W

Saururaceae - SRR

⊕ *Anemopsis californica* Hook. & Arn. - FNA, E

[*Anemopsis californica* Hook.] - SFE, W&W

[*Anemopsis californica* (Nutt.) Hook. & Arn.] - GPF, KTZ, UTF

[*Anemopsis californica* Hook. var. *subglaabrata* L. Kelso] - HDH

Saxifragaceae - SAX (see also GRS, HDR, PAR)

(Identification sources: _____)

Boykinia jamesii (Torr.) Engler - E, Dorn01 <reportedly in Albany Co, WY>

[*Saxifraga jamesii* Torr.] - HDH

[*Telesonix jamesii* (Torr.) Raf.] - GPF, KTZ, SFE, W&W

[*Telesonix jamesii* (Torr.) Raf. var. *jamesii*] - IMF, UTF

Chrysosplenium tetrandrum (Lund ex Malmgr.) Th. Fr. - KTZ, E/W

[*Chrysosplenium tetrandrum* (N. Lund) Th. Fr.] - W&W

[*Chrysolenium teretium* Th. Fr.] - HDH, SF!

Ciliaria (see *Saxifraga*)

Conimitella williamsii (D. C. Eaton) Rydb. - IMF, KTZ, SF!, W&W, E/W

Heuchera bracteata (Torr.) Ser. - Dorn01, HDH, KTZ, SF!, W&W, E/W

♦ *Heuchera hallii* A. Gray - **ENDEMIC <CO, NM>**, HDH, Hartman06, KTZ, SFE, W&W, E

Heuchera novomexicana Wheelock - KWA, M&H, KTZ

Heuchera parvifolia Nutt. ex Torr. & A. Gray - Dorn01, HDH, E/W

[*Heuchera nivalis* Rosendahl, Butters, & Lakela] - HDH

[*Heuchera parvifolia* Nutt.] - IMF, SF!

[*Heuchera parvifolia* Nutt. var. *utahensis* (Rydb.) Garrett] - UTF

[*Heuchera parvifolia* Nutt. ex Torr. & A. Gray var. *flavescens* (Rydb.) Rosendahl, Butters, & Lakela] - KTZ

[*Heuchera parvifolia* Nutt. ex Torr. & A. Gray var. *major* Rosendahl, Butters, & Lakela] - KTZ

[*Heuchera parvifolia* Nutt. ex Torr. & A. Gray var. *microcarpa* Rosendahl, Butters, & Lakela] - KTZ

[*Heuchera parvifolia* Nutt. var. *nivalis* (Rosendahl) A. Löve, D. Löve, & B. M. Kapoor] - SF!

[*Heuchera parvifolia* Nutt. ex Torr. & A. Gray var. *nivalis* (Rosendahl) A. Löve, D. Löve, & B. M. Kapoor] - KTZ

[*Heuchera parvifolia* Nutt. ex Torr. & A. Gray var. *nivalis* (Rosendahl) A. Löve, D. Löve, & B. M. Kapoor] - W&W

[*Heuchera parvifolia* Nutt. ex Torr. & A. Gray var. *parvifolia*] - KTZ, W&W

[*Heuchera parvifolia* Nutt. ex Torr. & A. Gray var. *utahensis* (Rydb.) Garrett] - KTZ

Heuchera richardsonii R. Br. - Dorn01, HDH, KTZ, SFE, W&W, E

[*Heuchera richardsonii* R. Br. var. *richardsonii*] - GPF

Heuchera rubescens Torr. var. *rubescens* - KTZ, UTF, W

[*Heuchera rubescens* Torr.] - IMF, SFW, W&W

Heuchera rubescens Torr. var. *versicolor* (Greene) M. G. Stewart - KTZ, UTF, E

[*Heuchera rubescens* Torr.] - IMF

[*Heuchera versicolor* Greene] - SFE, W&W

Hirculus (see *Saxifraga*)

Lithophragma glabrum Nutt. var. *rhamnifolium* (Suksd.) B. Boivin - Dorn01, E/W

[*Lithophragma bulbifera* Rydb.] - GPF, HDH

[*Lithophragma glabrum* Nutt. var. *rhamnifolia* (Suksd.) Goodrich] - UTF

[*Lithophragma glabrum* Nutt.] - IMF, KTZ, SF!, W&W

Lithophragma parviflorum (Hook.) Nutt. ex Torr. & A. Gray - Dorn01, IMF, W&W, E/W

[*Lithophragma parviflora* (Hook.) Nutt.] - UTF

[*Lithophragma parviflora* (Hook.) Nutt. ex Torr. & A. Gray] - HDH

[*Lithophragma parviflorum* (Hook.) Nutt.] - GPF, SF!

[*Lithophragma parviflorum* (Hook.) Nutt. ex Torr. & A. Gray var. *parviflorum*] - KTZ

Lithophragma tenellum Nutt. - Dorn01, IMF, KTZ, SF!, W&W, E/W

[*Lithophragma tenella* Nutt.] - UTF

[*Lithophragma tenella* Nutt. ex Torr. & A. Gray] - HDH

Micranthes (see *Saxifraga*)

Mitella pentandra Hook. - Dorn01, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Mitella stauropetala Piper var. *stenopetala* (Piper) Rosend. - KTZ, SF!, UTF, W&W, E/W

[*Mitella stauropetala* Piper] - Dorn01, HDH rep., IMF

[*Mitella stenospetala* Piper] - HDH

Muscaria (see *Saxifraga*)

Parnassia (see *PAR*)

Saxifraga (see also *Beykinia*)

(Identification sources: _____)

Saxifraga adscendens L., var. *oregonensis* (Raf.) Breit. - IMF, UTF, E/W

[*Muscaria adscendens* (L.) Small] - SF!, W&W

[*Saxifraga adscendens* L.] - HDH

[*Saxifraga adscendens* L. subsp. *oregonensis* (Raf.) Bacig.] - KTZ

Saxifraga bronchialis L., var. *austromontana* (Wiegand) Piper ex G. N. Jones - Dorn01, E/W

[*Ciliaria austromontana* (Wiegand) W. A. Weber] - SF!, W&W

[*Saxifraga bronchialis* L.] - HDH

[*Saxifraga bronchialis* L. subsp. *austromontana* (Wiegand) Piper] - KTZ

[*Saxifraga bronchialis* L. var. *austromontana* (Wiegand) G. N. Jones] - IMF, UTF

Saxifraga cernua L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Saxifraga cespitosa L., subsp. *delicatula* (Small) Porsild - KTZ, E/W

[*Muscaria delicatula* Small] - SF!, W&W

[*Saxifraga cespitosa* L.] - HDH

[*Saxifraga cespitosa* L. subsp. *delicatula* (Small) Porsild] - KTZ

[*Saxifraga cespitosa* L.] - IMF

Saxifraga cespitosa L., subsp. *monticola* (Small) Porsild - E/W

[*Muscaria micropetala* Small] - SF!

[*Muscaria micropetala* (Small) Fedde] - W&W

[*Muscaria monticola* Small] - SF!

[*Muscaria monticola* (Small) Fedde] - W&W

[*Saxifraga cespitosa* L. var. *minima* [Blank]] - UTF

[*Saxifraga cespitosa* L. subsp. *monticola* (Small) Porsild] - KTZ

[*Saxifraga cespitosa* L.] - Dorn01, IMF

[*Saxifraga cespitosa* L. var. *minima* [Blank]] - RMC

Saxifraga chrysanthia A. Gray - HDH, KTZ, UTF, E/W

[*Hirculus serpyllifolius* (Pursh) W. A. Weber subsp. *chrysanthia* (A. Gray) W. A. Weber] - W&W²

[*Hirculus serpyllifolius* (Pursh) W. A. Weber subsp. *chrysanthus* (A. Gray) W. A. Weber] - SF!

[*Saxifraga serpyllifolia* Pursh var. *chrysanthia* (A. Gray) Dom] - IMF

Saxifraga flagellaris Willd. ex Sternb. var. *crandallii* (Gand.) Dorn - Dorn01, E/W

[*Hirculus platysepalus* (Trautv.) W. A. Weber subsp. *crandallii* (Gand.) W. A. Weber] - SF!, W&W²

[*Saxifraga flagellaris* Willd.] - HDH, UTF

[*Saxifraga flagellaris* Willd. ex Sternb.] - IMF

[*Saxifraga flagellaris* Willd. ex Sternb. subsp. *crandallii* (Gand.) Halén] - KTZ

[*Saxifraga platysepala* (Trautv.) Telm.] - KTZ

Saxifraga foliolosa R. Br. - KTZ, E

[*Saxifraga vreelandii* (Small) Fedde] - HDH, rep.

[*Spanularia foliolosa* (R. Br.) Small] - SFE, W&W

Saxifraga hirculus L., subsp. *coloradensis* Hedd. - E/W

[*Hirculus prorepens* (Fisch.) A. Löve & D. Löve] - SF!

[*Hirculus prorepens* (Fisch. ex Steyerberg) A. Löve & D. Löve] - W&W²

[*Saxifraga hirculus* L.] - IMF, UTF

[*Saxifraga hirculus* L. subsp. *hirculus*] - KTZ

Saxifraga occidentalis S. Watson - Dorn01, GPF, IMF, KTZ

Saxifraga odontoloma Piper - Dorn01, IMF, KTZ, UTF, E/W

- [*Micranthes odontoloma* (Piper) A. Heller] - W&W
 [*Micranthes odontoloma* (Piper) W. A. Weber] - SF!
 [*Saxifraga arguta* D. Don] - HDH
- Saxifraga oregana* Howell - HDH, IMF, KTZ, E/W
 [*Micranthes oregana* (Howell) Small] - SF!, W&W
 [*Saxifraga montanensis* Small] - HDH
- Saxifraga rhomboidea* Greene - Dorn01, HDH, IMF, KTZ, UTF, E/W
 [*Micranthes rhomboidea* (Greene) Small] - SF!, W&W
- Saxifraga rivularis* L., var. *debilis* (Engelm. ex A. Gray) Dorn - Dorn01
 [NS - Jørgensen06 recognizes *S. rivularis*, *S. debilis*, and *S. hyperborea* all as distinct]
 [*Saxifraga rivularis* L.] - IMF, KTZ, W&W, E/W
 [*Saxifraga debilis* Engelm.] - HDH, UTF
 [*Saxifraga hyperborea* R. Br. subsp. *debilis* (Engelm.) A. Löve, D. Löve, & B. M. Kapoor] - SF!
 [*Saxifraga hyperborea* R. Br. subsp. *debilis* (Engelm. ex A. Gray) A. Löve, D. Löve, & B. M. Kapoor] - W&W
 [*Saxifraga rivularis* L. var. *flexuosa* (Stemb.) Engl. & Irmsch.] - RMC
- Saxifraga serpyllifolia* Pursh var. *chrysanthia* (Gray) Dorn - Dorn01, KTZ
 [*Hirculus serpyllifolius* subsp. *chrysanthus* (Gray) W.A. Weber] - KTZ
 [*Saxifraga serpyllifolia* subsp. *chrysanthia* (Gray) W.A. Weber] - KTZ
 [*Saxifraga chrysanthia* Gray] - KTZ

Sputularia (see *Saxifraga*)

- Sullivantia hapemanii* (J. M. Coulter & Fish.) J. M. Coulter var. *hapemanii* - Dorn01, KTZ
 ♦ *Sullivantia hapemanii* (J. M. Coulter & Fish.) J. M. Coulter var. *purpusii* (Brandt) Soltis - **ENDEMIC** <CO>, KTZ, W
 [*Sullivantia hapemanii* (J. M. Coulter & Fish.) J. M. Coulter] - SFW
 [*Sullivantia hapemanii* (J. M. Coulter & Fish.) J. M. Coulter var. *purpusii* (Brandegee) Soltis] - W&W
 [*Sullivantia purpusii* (Brandegee) Rosendahl] - HDH

Teleonox (see *Boymisia*)

Scrophulariaceae - SCR (see also ORO, PHR, PTG)

(Identification sources: _____)

- Scrophularia lanceolata* Pursh - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- **Verbascum blattaria* L. - GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E
- **Verbascum phlomoides* L. - HDH, exp., KTZ, SFE, W&W, E
- **Verbascum X pterocaulon* Franch. - KTZ, SFE, E
 [WJ - always sterile]
 [*Verbascum blattaria* X V. *thapsus*] - KTZ
 [*Verbascum pterocaulon* Franch.] - W&W
- **Verbascum thapsus* L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
 [WJ - seems to also hybridize with *V. phlomoides* but no specimens in herbaria]

Simaroubaceae - SMR

- **Ailanthus altissima* (Mill.) Swingle - GPF, IMF, KTZ, SF!, UTF, W&W, E/W

Smilacaceae - SML

- Smilax herbacea* L., var. *lasiioneuron* (Hook.) A. DC. - Dorn01, HDH
[*Cephaelanthus lasioneuron* (Hook.) Kunth] - FNA
[*Nemexia herbacea* (L.) Stev. subsp. *melica* A. Nels.] - FNA
[*Nemexia lasioneura* (Hook.) Rydb.] - FNA
[*Nemexia tenuis* (Sm.) Sm.] - FNA
[*Smilax diversifolia* Sm.] - FNA
[*Smilax herbacea* L. var. *indora* M. E. Jones] - FNA
[*Smilax herbacea* L. var. *lasiioneuron* (Small) Rydb.] - GPF
[*Smilax herbacea* L. subsp. *lasiioneura* (Hook.) Å. Löve & D. Löve] - FNA
[*Smilax lasioneura* Hook.] - FNA, KTZ, SFE, W&W, E
[*Smilax tenuis* Sm.] - FNA

Solanaceae - SOL

(Identification sources: _____)

♦*Calibachoa parviflora* (Juss.) D'Arcy - KTZ<AZ, KS, NM>

Chamaesaracha conoides (Moric.) Britton - HDH, SFE, W&W, E

[*Chamaesaracha conoides* (Moric. ex Dunal) Britton] - GPF, KTZ

Chamaesaracha coronopus (Dunal) A. Gray - GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

{*Datura inoxia* Mill.] - GPF, IMF, a Mexican sp., KTZ, W&W

[*Datura meteloides* Dunal] - HDH

Datura quercifolia H.B.K. - Hazlett & Hazlett 12102; Harding Co., NM [GREE]

♦*Datura stramonium* L. - GPF, HDH, IMF, KTZ, SFE, UTF, W&W, E

♦*Datura wrightii* Regel - IMF, KTZ, SFW, UTF, W&W, W

[*Datura inoxia* Mill.] - GPF

**Hyoscyamus niger* L. - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

♦*Lycium barbarum* L. - Dorn01, IMF, KTZ, SF!, UTF, W&W, E/W

[*Lycium halimifolium* Mill.] - GPF, HDH

Lycium pallidum Miers - GPF, HDH, IMF, SF!, UTF, W&W, E/W

[*Lycium pallidum* Miers var. *pallidum*] - KTZ

**Nicandra physalodes* (L.) Pers. - HDH, W&W, E

[WJ - probably a non-persistent waif. Only CO collections are Warren [1914, COCO] and Hendricks [1946, CS] from Burlington. Warren collection probably from a garden. Burlington area recently collected independently by C. Freeman and D. Clark; neither found this taxon]

[*Nicandra physalodes* (L.) Gaertn.] - GPF, KTZ, SFE

Nicotiana attenuata Torr. ex S. Watson - Dorn01, HDH, IMF, KTZ, UTF, W&W, E/W

[*Nicotiana attenuata* Torr.] - SF!

Nicotiana trigonophylla Dunal - M&H, KTZ, HDH, exp., GPF, UTF, W&W misid.

[*Nicotiana obtusifolia* Mert. & Galeotti var. *obtusifolia*] - KTZ

[*Nicotiana trigonophylla* Dunal var. *trigonophylla*] - IMF

Physalis (see also **Quinqueula**)

(Identification sources: _____)

{*Physalis cinerascens* (Dunal) Hitchc. var. *cinerascens*} - KTZ

[WJ - to be expected in Baca Co., CO, but no specimens confirmed; NS - nearest specimens in NM file M&H are SE of our area]

[*Physalis viscosa* L. subsp. *mollis* (Nutt.) Waterf. var. *cinerascens* (Dunal) Waterf.] - GPF

Physalis hederifolia A. Gray var. *comata* (Rydb.) Waterf. - Dorn01, GPF, KTZ, SFE, W&W, E/W

[WJ - should be recognized at species level; has short, dense, very glandular hairs; native to NE, KS, and CO]
[*Physalis hederifolia* A. Gray] - HDH, SFW

Physalis hederifolia A. Gray var. *fendleri* (A. Gray) Cronquist - IMF, KTZ, UTF, E

[WJ - differs from var. *comata* by different habit, leaf shape, and pubescence; higher elevations in wooded situations (pinyons and ponderosa pines)]

[*Physalis fendleri* A. Gray] - HDH

[*Physalis hederifolia* A. Gray var. *cordifolia* (A. Gray) Waterf.] - GPF, SFE, W&W

Physalis heterophylla Nees var. *heterophylla* - KTZ, E

[*Physalis heterophylla* Nees] - Dorn01, GPF, HDH, IMF, SFE, UTF, W&W

Physalis hispida (Waterf.) Cronquist - Dorn01, IMF, KTZ, E

[*Physalis panicula* Nutt.] - HDH, sep.

[*Physalis panicula* Nutt. subsp. *hispida* (Waterf.) Hinton] - GPF, SFE, W&W

Physalis longifolia Nutt. - Dorn01, HDH, UTF

[*Physalis longifolia* Nutt. var. *longifolia*] - GPF, IMF, KTZ, E/W

[*Physalis longifolia* Nutt. var. *subglabrata* (Mack. & Bush) Cronquist - KTZ]

[*Physalis subglabrata* Mack. & Bush] - HDH

[*Physalis virginiana* Mill.] - SF1, W&W

⊕ [*Physalis pruinosa* L.] - HDH rep., W&W

[WJ - no specimens confirmed yet for CO at COLO, CS, GREEC or KHD; not reported from NM by M&H]

[*Physalis pubescens* L. var. *integrifolia* (Dunal) Waterf.] - KTZ

[*Physalis pubescens* L.] - GPF, HDH, IMF, W&W err. rep.

Physalis subulata Rydb. var. *neomexicana* (Rydb.) Waterf. ex Kartesz & Gandhi - KTZ, E

[WJ - no confirmed specimens yet from CO based on COLO, CS, and KHD. Type locality of this variety from our area in northern NM]

[*Physalis foetida* Poir. var. *neomexicana* (Rydb.) Waterf.] - SFE, W&W

Physalis virginiana Mill. - GPF, IMF, SF1, W&W, E/W

[*Physalis lanceolata* Michaux] - HDH

[*Physalis virginiana* Mill. var. *virginiana*] - KTZ

[*Physalis virginiana* Mill. var. *polyphylla* (Greene) Waterf.] - KTZ

Quinula lobata (Torr.) Raf. - GPF, KTZ, SFE, W&W, E

[*Physalis lobata* Torr.] - HDH, UTF

Solanum

(Identification sources: _____)

Solanum americanum Mill. - KTZ, SF1, W&W, E/W

[*Solanum interius* Rydb.] - GPF, KTZ

[*Solanum sigrum* L.] - IMF, UTF

[*Solanum sigrum* L. var. *virginicarum* L.] - IMF

⊕ *Solanum carolinense* L. - GPF, HDH, exp., IMF, SF1, UTF, W&W, E

[*Solanum carolinense* L. var. *carolinense*] - KTZ

- **Solanum dulcamara* L. - Dorn01, GPF, HDH, exp., IMF, SF!, UTF, W&W, E/W
 [*Solanum dulcamara* L. var. *dulcamara*] - KTZ
- ⊕*Solanum elaeagnifolium* Cav. - GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Solanum fendleri* A. Gray ex Torr. var. *fendleri* - KTZ
 [WI - No CO specimens from COLO, CS, GREE, KHD, although type specimen from our area in northern NM]
 [*Solanum fendleri* A. Gray] - HDH, W&W
- ⊕*Solanum heterodoxum* Dunal - HDH, SFE, W&W, E
 [*Solanum heterodoxum* Dunal var. *setigeroides* Whalen] - GPF, KTZ?
- Solanum jamesii* Torr. - HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Solanum nigrum* L. - Dom01, HDH, KTZ, UTF, W&W, misapp.
 [*Solanum ptycanthum* Dunal ex DC.] - GPF
 [*Solanum ptycanthum* Dunal] - KTZ
- ⊕*Solanum physalifolium* Rusby var. *nitidibaccatum* (Bitter) Edmonds - Dom01, SF!, W&W, E/W
 [*Solanum physalifolium* Rusby] - KTZ
 [*Solanum surrachoides* Sessé & ex Mart.] - HDH, IMF, UTF
 [*Solanum surrachoides* Sessé & ex Mart.] - GPF
- ⊕*Solanum rostratum* Dunal - Dorn01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W
- Solanum triflorum* Nutt. - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Sparganiaceae - (see TYP)

Tamaricaceae - TAM

(Identification sources: _____)

[NS - any local taxonomic changes should consult recent studies by Gaskin et al.]

- **Tamarix chinensis* Lour. - Dorn01, GPF, KTZ, UTF
 [JG - Indistinguishable from *T. ramosissima* on morphological grounds]
- *{*Tamarix gallica* L.} - HDH, KTZ <NM>, W&W, err. rep.
- **Tamarix parviflora* DC. - GPF, KTZ, SF!, UTF, W&W, E/W
- {*Tamarix pentandra* Pallas}
 [JG - an illegitimate name]
- **Tamarix ramosissima* Ledeb. - GPF, KTZ, SF!, W&W, E/W
 [*Tamarix chinensis* Lour.] - UTF
 [JG: See above re: *T. chinensis*]

Themidaceae - THE

- Androstaphyllum breviflorum* S. Watson - Dorn01, FNA, FCF, HDH, IMF, KTZ, SFW, W&W, W
 [*Bessera breviflora* (S. Watson) Jepsen] - FNA
 [*Brodiaea paysonii* A. Nels.] - FNA
 [*Brodiaea breviflora* (S. Watson) J. F. MacBrade]

- Triteleia grandiflora* Lindl. var. *grandiflora* - IMF, KTZ
 [*Triteleia grandiflora* Lindl.] - Dom01, UTF, W&W¹

Theophrastaceae - TEO

{*Santalus floridanus* Kunth} - HDH, exp.
[NS - likely to be found in northern NM or s. CO]
{*Santalus parviflorus* Raf.} - GPF, UTF
{*Santalus valerandi* L. subsp. *parviflorus* (Raf.) Hahlén} - KTZ <AZ, KS, NM, OK, UT>

Tiliaceae - TIL

**Tilia americana* - WY checklist

[NS - many synonyms depending on infraspecific taxon, e.g. see KTZ]
[WJ - present by virtue of ornamental plantings]

Trilliaceae (see MLN and LIL)

Typhaceae - TYP (including Sparganiaceae)

(Identification sources: _____)

Sparganium angustifolium Michx. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFI, W&W, E/W

Sparganium emersum Rehmann - Dorn01, FNA, SFI, UTF, W&W, E/W

[*Sparganium angustifolium* Michx.] - KTZ

[*Sparganium emersum* Rehmann var. *multipedunculata* (Morong) Reveal] - GPF, IMF

[*Sparganium multipedunculata* (Morong) Rydb.] - HDH

Sparganium eurycarpum Engelm. - Dorn01, FNA, GPF, HDH, IMF, SFE, UTF, E

[*Sparganium eurycarpum* Engelm. ex A. Gray] - KTZ, W&W

Sparganium natans L. - Dorn01, FNA, KTZ, E/W

[*Sparganium minimum* Fr.] - HDH, IMF, SFW, UTF

[*Sparganium minimum* Wallr.] - W&W

[*Sparganium minimum* (Hartman) Fr.] - SFE

[*Sparganium minimum* (Hartman) Wallr.] - KTZ

Typha angustifolia L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFI, W&W, E/W

Typha domingensis Pers. - FNA, GPF, IMF, KTZ, SFI, UTF, W&W, E/W

Typha X glauca Godr. - FNA, GPF, IMF, KTZ <UT, WY>, UTF

[*Typha angustifolia* X *T. latifolia*] - FNA

Typha latifolia L. - Dorn01, FNA, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

Ulmaceae - ULM (see also CAN)

⊕ {*Ulmus americana* L.} - GPF, HDH exp., KTZ, , RMC, UTF, W&W cult.

[WJ - not escaping from cultivation]

**Ulmus pumila* L. - Dorn01, FNA, GPF, HDH, KTZ, SFI, UTF, W&W, E/W

Umbelliferae (see API)

Urticaceae - URT

(Identification sources: _____)

Boehmeria cylindrica (L.) Swartz - FNA

[NS - entering our area in n.e. NM]

{*Parietaria floridana* Nutt.} - HDH, KTZ, W&W err. rep.
Parietaria pensylvanica Muhl. ex Willd. - Dom01, FNA, HDH, KTZ, UTF, W&W, E/W
[*Parietaria pensylvanica* Muhl.] - GPF, SF!

{*Urtica dioica* L. var. *dioica*} - HDH, W&W, Eurasian
[*Urtica dioica* L.] - W&W¹
[*Urtica dioica* L. subsp. *dioica*] - GPF, KTZ <OK>
Urtica dioica L. var. *occidentalis* S. Watson - Dom01, UTF, W
[*Urtica dioica* L. subsp. *holosericea* (Nutt.) Thorne] - KTZ
[*Urtica gracilis* Aiton subsp. *holosericea* (Nutt.) W. A. Weber] - FNA, SFW, W&W
Urtica dioica L. var. *procera* (Muhl. ex Willd.) Wedd. - Dom01, E/W
[*Urtica dioica* L. subsp. *gracilis* (Aiton) Selander] - FNA, GPF, KTZ
[*Urtica dioica* L. var. *procera* (Muhl.) Wedd.] - HDH, UTF
[*Urtica gracilenta* Greene] - SFW, HDH, W&W¹
[*Urtica gracilis* Aiton] - SF!
[*Urtica gracilis* Aiton subsp. *gracilis*] - W&W
Urtica gracilenta Greene - FNA

Uvulariaceae (see CHC)

Valerianaceae - VAL

Valeriana acutiloba Rydb. var. *acutiloba* - Dom01, IMF, KTZ, E/W
[*Valeriana acutiloba* Rydb.] - GPF, UTF
[*Valeriana capitata* Pall. subsp. *acutiloba* (Rydb.) F. G. Mey.] - SF!
[*Valeriana capitata* Pall. ex Link subsp. *acutiloba* (Rydb.) F. G. Mey.] - HDH, W&W
Valeriana acutiloba Rydb. var. *pubicarpa* (Rydb.) Cronquist - Dom01, IMF, KTZ, E/W
[W] - likely does not occur in Colorado]
[*Valeriana acutiloba* Rydb.] - UTF
[*Valeriana capitata* Pall. subsp. *acutiloba* (Rydb.) F. G. Mey.] - SF!
[*Valeriana capitata* Pall. ex Link subsp. *acutiloba* (Rydb.) F. G. Mey.] - HDH, W&W
Valeriana arizonica A. Gray - HDH, IMF, KTZ, SFE, UTF, W&W, E
Valeriana dioica L. var. *sylvatica* (Sol. ex Richardson) S. Watson - Dom01, KTZ
[*Valeriana dioica* L.] - GPF
[*Valeriana dioica* L. subsp. *sylvatica* (Sol. ex Richardson) F. G. Mey.] - W&W, W&W¹
[*Valeriana dioica* L. var. *sylvatica* S. Watson] - KTZ <W/Y>, RMC
Valeriana edulis Nutt. ex Torr. & A. Gray var. *edulis* - IMF, KTZ, E/W
[*Valeriana edulis* Nutt.] - Dom01, GPF, SF!, W&W
[*Valeriana edulis* Nutt. subsp. *edulis*] - HDH
[*Valeriana edulis* Nutt. ex Torr. & A. Gray] - UTF
Valeriana occidentalis A. Heller - Dom01, GPF, HDH, IMF, KTZ, SF!, UTF, W&W, E/W

Verbenaceae - VRB

(Identification sources: _____)

**Caryopteris clandonensis* A. Simmonds ex Rehder - W&W
[*Caryopteris incana* X C. mongholica] - KTZ
[*Caryopteris* X *clandonensis* hort. ex Rehder] - KTZ

- Glandularia bipinnatifida* (Nutt.) Nutt. var. *bipinnatifida* - KTZ, E/W
 {*Glandularia bipinnatifida* (Nutt.) Nutt.} - Dom01, SFL, W&W
 {*Verbena ambrosifolia* Rydb.} - HDH
 {*Verbena bipinnatifida* Nutt.} - GPF, HDH
 {*Verbena ciliata* Benth.} - HDH
- Glandularia bipinnatifida* (Nutt.) Nutt. var. *ciliata* (Benth.) B. L. Turner - KWA, HDH, KTZ
 {*Glandularia wrightii* (A. Gray) Umber} - KWA, W&W
 {*Verbena wrightii* A. Gray} - HDH
- {*Glandularia canadensis* (L.) Small} - W&W
 {*Glandularia canadensis* (L.) Nutt.} - KTZ
 {*Verbena canadensis* (L.) Brutton} - HDH, GPF
- {*Glandularia gooddingii* (Briq.) Solbrig} - KTZ, W&W
 {*Verbena gooddingii* Briq.} - HDH rep., IMF, UTF

Lippia (see Phyla)

- Phyla cuneifolia* (Torr.) Greene - Dom01, HDH, IMF, KTZ, SFE, UTF, W&W, E
 {*Lippia cuneifolia* (Torr.) Steud.} - GPF
- Phyla lanceolata* (Michx.) Greene - HDH rep., IMF, KTZ, SFE, UTF, W&W, E
 {*Lippia lanceolata* (Michx.) Greene} - GPF
- {*Phyla nodiflora* (L.) Greene} - IMF, KTZ <AZ, KS, NM, OK, UT>, UTF, W&W
 {*Lippia nodiflora* (L.) Michx.} - GPF

Verbena (see Glandularia)

- ⊕ *Verbena bracteata* Lag. & Rodr. - Dom01, GPF, HDH, IMF, KTZ, SFL, UTF, W&W, E/W
 {*Verbena X crookshankii* Moldenke} - KTZ, Moldenke80
 {*Verbena bracteata* X V. *hastata*} - KTZ
- Verbena hastata* L. - Dom01, GPF, HDH, IMF, SFE, UTF, W&W, E
 {*Verbena hastata* L. var. *scabra* Moldenke} - KTZ
- Verbena macdougalii* A. Heller - HDH, IMF, KTZ, SFL, UTF, W&W, E/W
- Verbena officinalis* L. var. *officinalis* - KTZ
- Verbena plicata* Greene - GPF, KTZ, SFE, W&W, E
- Verbena stricta* Vent. - Dom01, GPF, HDH, IMF, KTZ, SFE, W&W, E

Vibraceae - VIB

- {*Viburnum acerifolium* L.} - KTZ, WY checklist
 {*Viburnum acerifolium* var. *densiflorum* (Chapman) McAtee} - KTZ
 {*Viburnum acerifolium* var. *glabrescens* Rehd.} - KTZ
 {*Viburnum acerifolium* var. *ovatum* (Rehd.) McAtee} - KTZ
 {*Viburnum desfilei* Chapman} - KTZ
- Viburnum edule* (Michx.) Raf. - Dom01, GPF, KTZ, SFL, W&W, E/W
 {*Viburnum pacificum* Pylai ex Torr. & A. Gray} - HDH, WY checklist
- * *Viburnum lantana* L. - KTZ, SFE, W&W, E, WY checklist
 {*Viburnum lantana* var. *sphaerocarpum* Gray ex Fern.} - KTZ
- ⊕ *Viburnum lentago* L. - GPF, HDH, KTZ, SFE, UTF, W&W, E
 {*Viburnum × vtheri* Zabel} - KTZ

Violaceae - VIO

(Identification sources: _____)

Hybanthus verticillatus (Ortega) Baill. - GPF, HDH, KTZ, SFE, W&W, E

Viola

[WJ & NS - the genus is badly in need of revision in North America using well-articulated species criteria. The reworking of accepted taxa should be in context (minimally) of all North American material. See also Keck et al. and McKinney 1921]

Viola adunca J. E. Sm. - Dorn01, SF!, W&W, E/W

[*Viola adunca* J. E. Sm. ex Rees] - UTF

[*Viola adunca* J. E. Sm. subsp. *adunca*] - HDH

[*Viola adunca* J. E. Sm. subsp. *ashtonae* M. S. Baker] - HDH

[*Viola adunca* J. E. Sm. subsp. *radiosa* M. S. Baker] - HDH

[*Viola adunca* J. E. Sm. var. *adunca*] - GPF, KTZ

Viola affinis Leconte - KTZ, E

[*Viola pratina* Greene] - GPF

[*Viola sororia* Willd. subsp. *affinis* (Leconte) McKinney] - SFE

[*Viola sororia* Willd. var. *affinis* (Leconte) McKinney] - Dorn01, W&W¹

◆ *Viola bicolor* Pursh - KTZ, E

[*Viola kitibetiana* Roem. & Schult. var. *rufimarginata* (Greene) Fernald] - SFE, W&W

[*Viola rufimarginata* Greene] - GPF, HDH

Viola biflora L. - HDH, SF!, W&W, E/W

[*Viola biflora* L. subsp. *biflora*] - KTZ

Viola blitiformis Greene

[WJ - see comments under *V. shetoni*]

Viola canadensis L. - Dorn01, UTF, E/W

[*Viola canadensis* L. var. *canadensis*] - HDH

[*Viola canadensis* L. var. *nigra* (Greene) C. L. Hitchc.] - GPF, KTZ

[*Viola canadensis* L. var. *scopulorum* A. Gray] - HDH, KTZ

[*Viola nigra* Greene] - HDH, W&W¹

[*Viola tybergii* Greene] - SF!, W&W

[*Viola scopulorum* (A. Gray) Greene] - SF!, W&W

Viola labradorica Schrank. - KTZ, SF!, W&W, E/W

[WJ - probably too many intermediates with *V. adunca* to recognize at the specific level. Small plants typical of higher elevations also extend well down into montane and the big plants extend into the subalpine; see HDH]
[*Viola adunca* J. E. Sm. var. *bellidifolia* (Greene) Harrington] - HDH

Viola macloskeyi Lloyd var. *pallens* (Banks ex DC.) C. L. Hitchc. - E/W

[*Viola palustris* L.] - WJ (pers. comm. 2004, see comments under *V. palustris*)

[*Viola macloskeyi* Lloyd var. *macloskeyi*] - GPF

[*Viola macloskeyi* Lloyd subsp. *pallens* (DC.) C. L. Hitchc.] - SF!

[*Viola macloskeyi* Lloyd subsp. *pallens* (Banks ex DC.) M. S. Baker] - KTZ, W&W

Viola missouriensis Greene - KTZ, M&H

[*Viola sororia* var. *missouriensis* (Greene) McKinney] - KWA, KTZ

Viola nephrophylla Greene - GPF, KTZ, UTF, E/W

[*Viola sororia* Willd.] - SF/W

[*Viola sororia* Willd. subsp. *affinis* (Leconte) McKinney] - SFE

Viola nuttallii Pursh - Dorn01, GPF, WJ, KTZ, SF!, W&W, E/W

[WJ - should include also *V. praemorsa* and *V. vallicola*. Only one taxon present in CO and oldest name is *V. nuttallii*. One can find leaves of all three "species" in one population, often on same plant. Type locality of *V. praemorsa* is on Pacific coast. *V. nuttallii* leaves are long and narrow, whereas *V. praemorsa* are wider. There is a tendency for leaves to widen as one goes west from the Great Plains but where *nuttallii* ends and *praemorsa* begins is an unsolvable question. *V. vallicola* is supposed to have at least one leaf that is somewhat cordate to truncate at the base (fide M. Baker monograph). It is easy to find such leaves early in the season and they lengthen as the plant matures. I have photographed plants in a natural area near my house and all three "species" are present in that population]

- [*Viola nuttallii* Pursh var. *nuttallii*] - HDH
- **Viola odorata* L. - KTZ, SFE, UTF, W&W, E
- Viola palustris* L. - WY checklist, GPF, UTF, W&W, misid.
- [WJ - No consistent differences between *V. palustris*, *V. renifolia* and *V. macloskeyi*. The flowers of each are the same. It is easy to find specimens in a "population" with reniform leaves and an apex on the leaf. Probably none have true rhizomes; the "stolons" become buried in duff and only resemble rhizomes. Taxonomy of group problematic due to excessive splitting by Baker in 1940s]
- [*Viola palustris* L. subsp. *brevipes* (M. S. Baker) - HDH
- [*Viola palustris* L. var. *brevipes* (M. S. Baker) R. J. Davis] - KTZ
- [*Viola palustris* L. var. *palustris*] - HDH
- {*Viola pedata* L.} - GPF, HDH labels possibly mixed, KTZ <KS, NE, OK>, W&W
- Viola pedatifida* G. Don - GPF, HDH, KTZ, SFI, W&W, E/W
- Viola praemorsa* Douglas ex Lindl. var. *altior* - Dorn01
- [*Viola nuttallii* Pursh] - WJ (see comments under *V. nuttallii*)
- [*Viola nuttallii* Pursh var. *lingsifolia* (Nutt.) Jeps.] - HDH
- [*Viola nuttallii* Pursh var. *majus* Hook.] - UTF
- [*Viola praemorsa* Douglas ex Lindl. subsp. *lingsifolia* (Nutt.) M. S. Baker & Clausen] - W&W
- [*Viola praemorsa* Douglas ex Lindl. subsp. *lingsifolia* (Nutt.) M. S. Baker & Clausen ex Peck] - KTZ
- Viola pratincola* Greene - GPF
- [*Viola nephrophylla* Greene] - KTZ
- [*Viola retusa* Greene] - HDH
- [*Viola sororia* Willd. var. *sororia*] - W&W
- Viola purpurea* Kellogg var. *venosa* (S. Watson) Brainerd - Dorn01, HDH, UTF, E/W
- [*Viola purpurea* Kellogg subsp. *venosa* (S. Watson) M. S. Baker & J. C. Clausen] - KTZ, SFI, W&W
- Viola renifolia* A. Gray var. *brainerdii* (Greene) Fernald - Dorn01, HDH, SFE, W&W, E/W
- [*Viola palustris* Lj - WJ (pers. comm. 2004); see comments under *V. palustris*)
- [*Viola renifolia* A. Gray] - GPF, KTZ, SFW
- Viola selkirkii* Pursh ex Goldie - HDH, KTZ, W&W, E
- [*Viola selkirkii* Pursh] - GPF, SFE
- {*Viola sheltonii* Torr.} - HDH, KTZ, W&W, W&W¹, W
- [WJ - A west coast/Pacific NW species that does not appear to occur in the Intermountain region. Putative specimens from CO confined to Grand Mesa highly disjunct from main range. Until better studied, should use *V. bimaria* as suggested by W&W]
- [*Viola bimaria* Greene] - SFW, W&W¹
- Viola sororia* Willd. - GPF, KTZ <KS, NE, OK>, SFW, W
- [NS - for further discussion of this complex see Kelsen 03 and McKinney 92]
- [*Viola nephrophylla* Greene] - HDH
- [*Viola papilionacea* Pursh] - HDH
- [*Viola retusa* Greene] - HDH
- [*Viola sororia* Willd. var. *sororia*] - W&W
- Viola tricolor* L. - Dorn01
- Viola utahensis* M. S. Baker & Clausen ex M. S. Baker - Dorn01, SFW, W&W, W
- [*Viola purpurea* Kellogg] - UTF
- [*Viola utahensis* M. S. Baker & Clausen ex M. S. Baker] - KTZ
- Viola vullicola* A. Nelson var. *major* (Hook.) Fabijan - KTZ, E/W
- [*Viola nuttallii* Pursh] - WJ (see comments under *V. nuttallii*)
- [*Viola nuttallii* Pursh var. *major* Hook.] - UTF
- [*Viola praemorsa* Douglas subsp. *major* (Hook.) M. S. Baker] - SFI, W&W
- [*Viola praemorsa* Douglas ex Lindley subsp. *major* (Hook.) M. S. Baker] - W&W
- Viola vullicola* A. Nelson var. *vullicola* - KTZ, E/W
- [*Viola nuttallii* Pursh] - GPF
- [*Viola nuttallii* Pursh var. *vullicola* (A. Nelson) H. St. John] - HDH, UTF
- [*Viola vullicola* A. Nelson] - SFI, W&W

Viscaceae - VIS

Arceuthobium

(Identification sources: _____)

Arceuthobium americanum Nutt. ex Engelm. - Dom01, HDH, IMF, KTZ, UTF, W&W, E/W
[Arceuthobium americanum Nutt.] - SF!

{Arceuthobium campylopodum Engelm.} - IMF, KTZ, W&W

{Arceuthobium campylopodum Engelm. forma campylopodum} - HDH, possibly

Arceuthobium cyanocarpum (A. Nelson ex Rydb.) A. Nelson - Dom01, IMF, KTZ, E/W

[Arceuthobium campylopodum Engelm.] - KTZ

[Arceuthobium campylopodum Engelm. forma abietinum (Engelm.) Gill] - HDH, possibly

[Arceuthobium campylopodum Engelm. forma cyanocarpum (A. Nelson) Gill] - HDH

[Arceuthobium campylopodum Engelm. forma microcarpum (Engelm.) Gill] - HDH, possibly

[Arceuthobium cyanocarpum J. M. Coulter & A. Nelson] - SF, UTF, W&W

Arceuthobium divaricatum Engelm. - IMF, KTZ, SF1, UTF, W&W, E/W

[Arceuthobium campylopodum Engelm. forma divaricatum (Engelm.) Gill] - HDH

Arceuthobium douglasii Engelm. - Dom01, HDH, IMF, KTZ, SF1, UTF, W&W, E/W

Arceuthobium vaginatum (Willd.) J. Presl var. cryptopodium (Engelm.) Cronquist - IMF, E/W

[Arceuthobium vaginatum (Willd.) J. Presl] - HDH

[Arceuthobium vaginatum (Willd.) J. Presl subsp. cryptopodium (Engelm.) Hawksworth & Wiens] - KTZ, UTF

[Arceuthobium vaginatum (Willd.) C. Presl subsp. cryptopodium (Engelm.) Hawksworth & Wiens] - SF1, W&W

{Arceuthobium vaginatum (Willd.) C. Presl var. vaginatum} - IMF

{Arceuthobium vaginatum (Willd.) C. Presl} - HDH

{Arceuthobium vaginatum (Willd.) C. Presl subsp. vaginatum} - W&W

{Phoradendron cockerelli Trelease} - HDH, questionable, W&W, mixed labels

{Phoradendron macrophyllum (Engelm.) Cockerell subsp. cockerelli (Trelease) Wiens} - KTZ

Phoradendron juniperinum Engelm. - HDH, SFW, W&W, W

[Phoradendron juniperinum Engelm. ex A. Gray] - IMF, KTZ

[Phoradendron juniperinum A. Gray subsp. juniperinum] - UTF

Vitaceae - VIT

Ampelopsis (see *Parthenocissus*)

⊕ {Parthenocissus quinquefolia (L.) Planch.} - GPF, HDH, IMF, KTZ, SF1, UTF, W&W cult., W&W¹, E/W

{W1} - doubtfully occurs outside of cultivation

{Parthenocissus inserta (Kerner) Friesch}

Parthenocissus vitacea (Knerr) Hitchc. - Dom01, GPF, HDH, IMF, KTZ, SF1, W&W¹, E/W
[Parthenocissus inserta (Kerner) Friesch] - W&W

Vitis acerifolia Raf. - GPF, KTZ, SFE, W&W², E

[Vitis longii Prince] - HDH

[Vitis riparia Michx. subsp. longii (Prince) D. Rogers, in ed] - W&W

{Vitis arizonica Engelm.} - HDH exp., IMF, KTZ <AZ, NM, UT>, UTF, W&W

{WJ - doubtful for Colorado}

{Vitis X domiana Munson ex Viala} - KTZ <NM, OK>

- {*Vitis acerifolia* X *V. mustangensis*} - KTZ
- {*Vitis doamiana* Murrison ex Viala} - HDH, exp., W&W
- Vitis riparia* Michx. - Dom01, KTZ, SFE, E
- [*Vitis riparia* Michx. subsp. *riparia*] - W&W
- [*Vitis riparia* Michx. var. *riparia*] - GPF
- [*Vitis vulpina* L.] - HDH, W&W'

Xanthorrhoeaceae - XAN

- **Hemerocallis fulva* (L.) L. - Dom01, KTZ <KS, NE, UT>, UTF
- [*Hemerocallis fulva* L.] - GPF <KS>, HDH, corr. & add.

Zannichelliaceae (see POT)

Zygophyllaceae - ZYG (including Krameriaceae)

- Kallstroemia californica* (S. Watson) Vail - KWA, IMF, KTZ, UTF
- [*Kallstroemia brachystylis* Vail] - KWA, KTZ, HDH, rep.
- [*Kallstroemia californica* (S. Watson) Vail var. *brachystylis* (Vail) Kearney & Peebles] - KTZ, M&H, KWA, W&W, err. rep.
- Kallstroemia hirsutissima* Vail - M&H, GPF, HDH, W&W, err. rep.
- [*Kallstroemia hirsutissima* Vail ex Small] - KTZ
- Kallstroemia parviflora* Norton - GPF, IMF, KTZ, SFE, UTF, W&W, E
- [*Kallstroemia maxima* (L.) Hook. & Arn.] - KWA, M&H
- [*Kallstromia intentmedia* Rydb.] - M&H

- {*Larrea divaricata* Cav.} - HDH, exp.
- [*Larrea divaricata* (DC.) Coville] - UTF
- {*Larrea tridentata* DC.} - W&W, err. rep.
- {*Larrea tridentata* (Sessé & Moç. ex DC.) Coville} - IMF
- {*Larrea tridentata* (Sessé & Moç. ex DC.) Coville var. *tridentata*} - KTZ <AZ, NM, UT>

- **Tribulus terrestris* L. - Dom01, GPF, HDH, IMF, KTZ, SFI, UTF, W&W, E/W

- {*Zygophyllum fabago* L.} - HDH, IMF, KTZ <KS, NM>, W&W

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