

Many of the taxonomic details cited in “Review of Jennifer Ackerfield's Flora of Colorado” are from the following list of problems found by Dr. John Kartesz as he reviewed Flora of Colorado, 2nd edition, for taxonomic details to include in his 50 year project of producing a county by county list of all taxa in the U.S. and Canada. See www.bonap.org. To benefit the Colorado botanical community and the botanic community in general, Dr. Kartesz has been kind enough to provide the entire list.

**ALTHOUGH SOME DISAGREEMENTS EXIST,
THE FOLLOWING GENERA USED IN
FLORA OF COLORADO DO NOT AGREE WITH APG IV FAMILY ALIGNMENT**

Azolla NOW IN SALVINIACEAE
Adoxa NOW IN VIBURNACEAE
Dipsacus NOW IN CAPRIFOLIACEAE
Hemerocallis NOW IN ASPHODELACEAE
Hypericum NOW IN HYPERICACEAE
Knautia NOW IN CAPRIFOLIACEAE
Kolkwitzia NOW IN CAPRIFOLIACEAE
Lindernia NOW IN LINDERNIACEAE

Linnaea NOW IN CAPRIFOLIACEAE
Nama NOW IN NAMACEAE
Parnassia NOW IN CELASTRACEAE
Sambucus NOW IN VIBURNACEAE
Tiquilia NOW IN EHRETIACEAE
Valeriana NOW IN CAPRIFOLIACEAE
Viburnum NOW IN VIBURNACEAE

**FOLLOWING IS A LIST OF OMISSIONS, ERRONEOUS REPORTS, AND OTHER PROBLEMS
WITHIN FLORA OF COLORADO, 2nd edition.**

[] Abbreviations in brackets are for herbaria with specimens of the taxon.
Range maps for all taxa can be found at <http://bonap.net/TDC/> .

Dryopteris filix-mas COLO PLANT is Dryopteris filix-mas ssp. filix-mas
Equisetum ×ferrissii OMITTED [COLO]
Equisetum ×litorale OMITTED [ALAM]
Equisetum ×nelsonii OMITTED [KHD]
Equisetum hyemale NOW Equisetum praealtum
Isoetes echinospora COLO PLANT IS Isoetes echinospora ssp. muricata
Huperzia haleakalae IN COLORADO, THE PLANT IS Huperzia continentalis
Lycopodium annotinum NOW A SYNONYM OF Spinulum annotinum
Botrychium campestre OMITTED [COLO]
Botrychium lineare NOW A SYN. OF Botrychium campestre
Adiantum aleuticum COLO PLANT IS Adiantum aleuticum var. aleuticum
Gymnocarpium ×brittonianum OMITTED (SEE SYST BOT 1993)
Myriopteris rufa ALPH ORDER PROBLEM
Juniperus virginiana var. virginiana OMITTED [COLO]
Abies bifolia var. arizonica OMITTED [RM]
Pinus strobiformis NOW Pinus reflexa
Viburnum opulus var. opulus OMITTED (SEE J BRIT 2018) [UTC]
Sagittaria montevidensis NOT IN COLO. THE COLO PLANT IS Sagittaria calycina
Sagittaria demersa OMITTED [COLO]
Amaranthus californicus OMITTED [KHD] [CSCN]
Amaranthus hypochondriacus [GH] [COLO]
Amaranthus tuberculatus OMITTED [KANU]
Atriplex argentea COLO PLANT IS Atriplex argentea var. argentea
Atriplex canescens COLO PLANT IS Atriplex canescens var. canescens
Atriplex subspicata NOW Atriplex dioica (SEE FNA)

Atriplex gardneri var. *gardneri* OMITTED (SEE FNA)
Atriplex gardneri var. *cuneata* OMITTED (SEE FNA) [RM]
Atriplex pachypoda (SEE FL OF 4 CORNERS) [BRY]
Atriplex prostrata OMITTED (SEE FNA) [COLO]
Atriplex saccaria COLO PLANT IS *Atriplex saccaria* var. *saccaria* (SEE FLORA OF 4 CORNERS)
Bassia prostrata OMITTED [NY]
Chenopodiastrum murale OMITTED [MESA]
Chenopodium album var. *album* OMITTED [COLO]
Chenopodium album var. *missouriense* OMITTED [COLO]
Chenopodium fremontii COLO PLANT IS *Chenopodium fremontii* var. *fremontii*
Chenopodium incognitum OMITTED (SEE MADRONO 2019)
Chenopodium nitens OMITTED (SEE J OF TORR BOT SOC. 2014) [US]
Chenopodium strictum var. *glaucophyllum* OMITTED (SEE J BRIT 2019) [COLO]
Dysphania ambrosioides COLO PLANT IS *Dysphania ambrosioides* var. *ambrosioides*
Froelichia floridana COLO PLANT IS *Froelichia floridana* var. *campestris*
Grayia plummeri OMITTED (SEE MADRONO 1997; SEE FNA) [RM]
Guilleminea densa COLO PLANT IS *Guilleminea densa* var. *aggregata*
Nitrophila occidentalis OMITTED (SEE INTERMOUNTAIN FLORA) [NY]
Oxybasis glauca var. *glauca* OMITTED (SEE FNA) [RM]
Oxybasis glauca var. *salina* OMITTED (SEE FNA) [RM]
Oxybasis rubra var. *humilis* OMITTED (SEE FLORA OF 4 CORNERS) [SJNM]
Oxybasis rubra var. *rubra* OMITTED (SEE FLORA OF 4 CORNERS) [RM]
Tidestromia lanuginosa COLO PLANT IS *Tidestromia lanuginosa* ssp. *lanuginosa*
Rhus aromatica var. *serotina* OMITTED (SEE ATLAS OF GREAT PLAINS AND WEBER AND WITTMANN 1992)
Aletes anisatus NOW *Cymopterus anisatus*
Aletes sessiliflorus NOW *Cymopterus sessiliflorus*
Anthriscus caucalis OMITTED [KHD]
Aulospermum duchesnensis NOW *Cymopterus duchesnensis*
Cicuta maculata var. *angustifolia* OMITTED (CAN J. BOT 1980) [COLO]
Cicuta maculata var. *maculata* OMITTED (CAN J BOT 1980) [NY]
Coriandrum sativum OMITTED [COLO]
Aletes lemmonii NOW *Cymopterus lemmonii*
Cymopterus terebinthinus var. *albiflorus* OMITTED [COLO]
Lomatium bicolor NOT IN COLO. THE COLO PLANT IS *Lomatium leptocarpum*
Oreoxis alpina ssp. *alpina* OMITTED [RM]
Oreoxis alpina ssp. *puberulenta* OMITTED [RM]
Orlaya daucoides OMITTED (SEE J. BRIT. 2019) [COLO]
Pseudocymopterus montanus NOW *Cymopterus lemmonii*
Pteryxia NOW *Cymopterus*
Asclepias incarnata COLO PLANT IS *Asclepias incarnata* ssp. *incarnata*
Vinca minor OMITTED [CS]
Lemna minor NOT IN COLO. THE COLO PLANT IS *Lemna turionifera*
Lemna valdiviana NOT IN COLO
Wolffia brasiliensis OMITTED (SEE FLORA OF 4 CORNERS)
Polygonatum biflorum OMITTED [BRY]
Yucca harrimaniae COLO PLANT IS *Yucca harrimaniae* var. *harrimaniae*
Agoseris ×agrestis OMITTED [COLO]
Agoseris heterophylla COLO PLANT IS *Agoseris heterophylla* var. *heterophylla*
Agoseris ×montana OMITTED [RM]
Antennaria howellii ssp. *howellii* OMITTED (SEE FNA) [RM]
Antennaria howellii ssp. *neodioica* OMITTED (SEE FNA) [RM]

Antennaria howellii ssp. *petaloidea* (SEE FNA) [RM]
Antennaria pulcherrima COLO PLANT IS *Antennaria pulcherrima* ssp. *pulcherrima*
Antennaria rosea ssp. *arida* OMITTED (SEE BRITTONIA 1980) [RM]
Antennaria rosea ssp. *confinis* OMITTED (SEE BRITTONIA 1989) [NY]
Antennaria rosea ssp. *rosea* OMITTED (SEE BRITTONIA 1989) [RM]
Anthemis tinctoria NOW *Cota tinctoria*
Arnica lanceolata COLO PLANT IS *Arnica lanceolata* ssp. *prima*
Arnica ovata IS QUITE DISTINCT FROM *Arnica mollis*
Artemisia ×*argilosa* OMITTED (SEE SYST BOT MONO 2009) [RM]
Artemisia arctica NOW *Artemisia norvegica* ssp. *saxatilis*
Artemisia borealis ssp. *borealis* OMITTED (SEE FNA) [COLO]
Artemisia ludoviciana ssp. *candicans* OMITTED (SEE FLORA 4 CORNERS) [SJNM]
Artemisia norvegica ssp. *saxatilis* OMITTED (SEE WEBER AND WITTMANN 1992) [COLO]
Artemisia pattersonii NOW *Delwicensia pattersonii*
Artemisia spinescens NOW *Picrothamnus desertorum*
Bellis perennis OMITTED [KHD]
Berlandiera lyrata COLO PLANT IS *Berlandiera lyrata* var. *purpurea*
Bidens aristosa OMITTED (SEE PUB OF FIELD MUS NAT HIST, 1937) [GH]
Bidens laevis OMITTED SEE PUB FIELD MUS OF NAT HIST, 1937) [US]
Brickellia eupatorioides var. *chlorolepis* OMITTED (SEE FNA) [COLO]
Brickellia eupatorioides var. *corymbulosa* OMITTED (SEE FNA) [RM]
Brickellia longifolia COLO PLANT IS *Brickellia longifolia* var. *longifolia*
Brickellia microphylla COLO PLANT IS *Brickellia microphylla* var. *scabra*
Brickelliastrum fendleri [OMITTED [RM]
Centaurea cyanus NOW *Cyanus segetum*
Centaurea eriophora OMITTED [COLO]
Centaurea montana NOW *Cyanus montanus*
Centaurea stoebe ssp. *micranthos* NOW *Centaurea stoebe* ssp. *australis*
Centaurea ×*varnensis* OMITTED [COLO] [KHD]
Centaurea virgata COLO PLANT IS *Centaurea virgata* ssp. *squarrosa*
Chrysothamnus viscidiflorus ssp. *axillaris* OMITTED (SEE FNA) [COLO]
Chrysothamnus viscidiflorus ssp. *puberulus* OMITTED (SEE WEBER AND WITTMANN 1992) [CS]
Cirsium calcareum BETTER AS *Cirsium arizonicum* var. *bipinnatum*
Cirsium clavatum var. *clavatum* OMITTED (SEE FNA) [MEVE]
Cirsium eatonii var. *murdockii* OMITTED (SEE FNA) [NMC]
Cirsium ochrocentrum COLO PLANT IS *Cirsium ochrocentrum* var. *ochrocentrum*
Cirsium scariosum var. *scariosum* OMITTED (SEE FNA) [NMC]
Cirsium wheeleri OMITTED (SEE FLORA 4 CORNERS) [SJNM]
Crepis tectorum OMITTED [COLO]
Cyclachaena xanthii COLO PLANT IS *Euphrosyne xanthiifolia*
Diaperia prolifera COLO PLANT IS *Diaperia prolifera* var. *prolifera*
Dieteria asteroides var. *asteroides* OMITTED (SEE 4 CORNERS FLORA) [SJNM]
Dieteria asteroides var. *glandulosa* OMITTED (SEE 4 CORNERS FLORA) [SJNM]
Dieteria canescens var. *ambigua* OMITTED (SEE PHYTOLOGIA 1987) [RM]
Dieteria canescens var. *aristata* OMITTED (SEE FNA) [RM]
Dieteria canescens var. *canescens* OMITTED (SEE FNA) [COLO]
Dieteria canescens var. *glabra* OMITTED (SEE FNA) [RM]
Dimorphotheca sinuata (SEE PHYTOLOGIA 2010) [COLO]
Echinacea angustifolia COLO PLANT IS *Echinacea angustifolia* var. *angustifolia*
Ericameria nauseosa var. *arenaria* OMITTED (LORAN ANDERSON PERSONAL COMMUNICATION)
[BRY]
Ericameria nauseosa var. *turbinata* OMITTED [BRY]

Ericameria parryi var. *affinis* OMITTED [RM] [NY]
Ericameria ×*uintahensis* OMITTED [BRY]
Erigeron acris COLO PLANT IS *Erigeron acris* var. *kamtschaticus*
Erigeron aphanactis COLO PLANT IS *Erigeron aphanactis* var. *aphanactis*
Erigeron bellidiastrum var. *bellidiastrum* OMITTED (SEE FNA) [RM]
Erigeron bellidiastrum var. *robustus* OMITTED (SEE FNA) [RM]
Erigeron concinnus var. *concinnus* OMITTED (SEE FNA) [RM]
Erigeron concinnus var. *subglaber* OMITTED (SEE FNA) [RM]
Erigeron divaricatus OMITTED [COLO]
Erigeron glabellus var. *glabellus* OMITTED (SEE FNA) [COLO]
Erigeron glabellus var. *pubescens* OMITTED (SEE FNA) [COLO]
Erigeron glacialis COLO PLANT IS *Erigeron glacialis* var. *glacialis*
Erigeron nanus OMITTED [USUUB]
Erigeron nematophylloides OMITTED [BRY]
Erigeron ochroleucus OMITTED [COLO]
Erigeron scopulinus OMITTED (SEE FLORA OF 4 CORNERS) [SJNM]
Erigeron wilkenii OMITTED [COLO] NOT A SYNONYM OF *ERIGERON NEMATOPHYLLUS* RYDB.
Galinsoga parviflora COLO PLANT IS *Galinsoga parviflora* var. *parviflora*
Grindelia decumbens OMITTED [COLO]
Grindelia inornata NOW *Grindelia fastigiata* var. *fastigiata*
Grindelia nuda NOW *Grindelia squarrosa*
Grindelia nuda var. *aphanactis* NOW *Grindelia squarrosa*
Grindelia squarrosa var. *quasiperennis* NOW *Grindelia squarrosa*
Helianthella uniflora NOW *Helianthella uniflora* var. *uniflora*
Helianthus nuttallii COLO PLANT IS *Helianthus nuttallii* ssp. *nuttallii*
Heliomeris longifolia COLO PLANT IS *Heliomeris longifolia* var. *annua*
HETEROTHECA SEE NESOM RECENT TAXONOMY
Heterotheca foliosa NOW *Heterotheca villosa* var. *foliosa*
Heterotheca paniculata OMITTED (SEE PHYTONEURON 2020) [RM]
Heterotheca resinolens OMITTED [NY]
Heterotheca subaxillaris ssp. *latifolia* NOW *Heterotheca subaxillaris*
Heterotheca villosa var. *ballardii* OMITTED [COLO]
Heterotheca villosa var. *foliosa* OMITTED [COLO]
Hieracium aurantiacum NOW *Pilosella aurantiaca*
Hieracium umbellatum OMITTED [NY]
Hymenopappus filifolius var. *lugens* OMITTED (SEE WEBER AND WITTMANN 1992) [BRY] [MESA] [UTC]
Lactuca graminifolia COLO PLANT IS *Lactuca graminifolia* var. *arizonica*
Lactuca sativa OMITTED [KHD]
Liatris punctata COLO PLANT IS *Liatris punctata* var. *punctata*
Lorandersonia pulchella NOT IN COLO. COLO PLANT IS *Lorandersonia baileyi*
Melampodium strigosum OMITTED (SEE FNA) [POM]
Mulgedium oblongifolium NOW *Lactuca* PULCHELLA
Packera dimorphophylla var. *intermedia* OMITTED (SEE FLORA OF 4 CORNERS) [RM]
Packera mancosana OMITTED [US]
Packera neomexicana var. *metcalfei* NOW *Packera thurberi*
Packera paupercula COLO PLANT IS *Packera paupercula* var. *paupercula*
Palafoxia rosea COLO PLANT IS *Palafoxia rosea* var. *macrolepis*
Parthenium tetraeuris NOW *Parthenium alpinum*
Platyschkuhria integrifolia var. *desertorum* OMITTED (SEE INTERMOUNTAIN FLORA) [COLO]
Platyschkuhria integrifolia var. *oblongifolia* OMITTED (SEE FLORA 4 CORNERS) [COLO]
Prenanthes racemosa NOW *Nabalus racemosus*

Pseudognaphalium jaliscense OMITTED (SEE FLORA 4 CORNERS) [SJNM]
Pyrrocoma crocea COLO PLANT IS *Pyrrocoma crocea* var. *crocea*
Pyrrocoma uniflora COLO PLANT IS *Pyrrocoma uniflora* var. *uniflora*
Rudbeckia hirta var. *pulcherrima* NOW *Rudbeckia hirta* var. *hirta*
Scabrethia scabra ssp. *canescens* (SEE AMERICAN MID NAT 1946, AND FNA) [UC]
Scorzonera laciniata NOW *Scorzonera hispanica* ssp. *coronopifolia*
Senecio inexpectatus OMITTED (AL SCHNEIDER PERSONAL COMMUNICATION) [COLO]
Senecio integerrimus var. *exaltatus* OMITTED [RM]
Senecio integerrimus var. *integerrimus* OMITTED [RM]
Senecio multicapitatus NOW *Senecio spartioides*
Silybum marianum OMITTED [CS]
Solidago altissima COLO PLANT IS *Solidago altissima* var. *gilvocanescens*
Solidago elongata NOT IN COLO. COLO PLANT IS *Solidago lepida* var. *lepida*
Solidago gigantea COLO PLANT IS *Solidago gigantea* var. *shinersii*
Solidago glutinosa OMITTED (SEE CAN J BOT 1987) [COLO]
Solidago lepida var. *lepida* OMITTED [RM]
Solidago lepida var. *salebrosa* MTTED [RM]
Solidago multiradiata COLO PLANT IS *Solidago multiradiata* var. *scopulorum*
Solidago nemoralis var. *decemflora* NOW *Solidago nemoralis* var. *longipetiolata*
Solidago simplex NOW *Solidago glutinosa* (SEE ABOVE)
Solidago velutina ssp. *sparsiflora* INDISTINCT FROM *Solidago velutina*
Aster eatonii NOW *Symphyotrichum bracteolatum*
Symphyotrichum ericoides var. *ericoides* OMITTED (SEE FNA) [COLO]
Symphyotrichum ericoides var. *pansum* OMITTED (SEE FNA) [RM]
Symphyotrichum falcatum var. *commutatum* OMITTED (SEE FNA) [COLO]
Symphyotrichum falcatum var. *falcatum* OMITTED (SEE FNA) [COLO]
Symphyotrichum praealtum var. *praealtum* OMITTED [NMC] [MIN]
Symphyotrichum spathulatum COLO PLANT IS *Symphyotrichum spathulatum* var. *spathulatum*
Tanacetum coccineum OMITTED [COLO]
Taraxacum eriophorum NOW *Taraxacum ceratophorum*
Taraxacum laevigatum NOW *Taraxacum erythrospermum*
Tetradymia canescens COLO PLANT IS *Tetradymia canescens* var. *canescens*
Thelesperma filifolium COLO PLANT IS *Thelesperma filifolium* var. *intermedium*
Thelesperma subnudum COLO PLANT IS *Thelesperma subnudum* var. *subnudum*
Tragopogon ×mirabilis OMITTED [COLO]
Wyethia ×magna OITTED [COLO]
Berberis fremontii NOW *Alloerberis fremontii*
Berberis haematocarpa NOW *Alloerberis haematocarpa*
Berberis repens NOW *Mahonia repens*
Betula ×eastwoodiae OMITTED [COLO]
Betula pendula COLO PLANT IS *Betula pendula* ssp. *pendula*
Lithospermum arvense NOW *Buglossoides arvensis*
Cryptantha torreyana var. *calycosa* IS A SYN OF *Cryptantha torreyana* var. *torreyana*
Cryptantha rudis IS A SYN OF *Cryptantha kelseyana*
Cryptantha torreyana COLO PLANT IS *Cryptantha torreyana* var. *torreyana*
Greeneocharis circumscissa COLO PLANT IS *Greeneocharis circumscissa* var. *circumscissa*
Hackelia deflexa var. *americana* OMITTED (SEE 1976 MEM NY BOT GARD) [RM]
Lappula occidentalis var. *stricta* NOW *Lappula occidentalis* var. *stricta*
Oreocarya fulvocanescens var. *fulvocanescens* OMITTED (SEE 4 CORNERS FLORA) [SJNM]
Oreocarya fulvocanescens var. *nitida* OMITTED (SEE FLORA OF 4 CORNERS) [COLO]
Oreocarya revealii IS A DISTINCT SPECIES!! IS NOT SAME AS *Oreocarya paradoxa*
Oreocarya suffruticosa var. *cinerea* OMITTED [RM]

Oreocarya suffruticosa var. pustulosa OMITTED [COLO]
Oreocarya suffruticosa var. suffruticosa OMITTED [GH]
Alyssum desertorum COLO PLANT IS Alyssum desertorum var. desertorum
Alyssum murale NOW Odontarrhena muralis
Arabidopsis thaliana OMITTED [MSUB]
Barbarea verna OMITTED (RM)
Boechera drepanoloba NOW Boechera lemmonii
Boechera pendulocarpa OMITTED (SEE RHODORA 1941) [RM]
Boechera perennans OMITTED [RM]
Boechera sanluisensis OMITTED (SEE SYST BOT 2015) [COLO]
Brassica nigra NOW Rhamphospermum nigrum
Cardamine hirsuta OMITTED [COLO]
Descurainia adenophora (SEE J TORR SOC 2007) [COLO]
Draba cuneifolia NOW Tomostima cuneifolia
Draba reptans NOW Tomostima reptans
Eruca vesicaria ssp. sativa OMITTED (RM)
Eutrema penlandii NOW Eutrema edwardsii
Lepidium strictum OMITTED (SEE FLORA OF 4 CORNERS) [COLO]
Lepidium virginicum ssp. menziesii OMITTED (SEE FNA) [RM]
Lepidium virginicum ssp. virginicum OMITTED (SEE FNA) [RM]
Matthiola longipetala OMITTED [RM]
Odontarrhena muralis OMITTED [COLO]
Physaria ovalifolia COLO PLANT IS Physaria ovalifolia ssp. ovalifolia
Rorippa palustris ssp. hispida OMITTED [RM]
Rorippa palustris ssp. palustris OMITTED [RM]
Sinapis arvensis NOW Rhamphospermum arvense
Sisymbrium austriacum OMITTED (SEE WEBER AND WITTMANN 1992) [COLO]
Streptanthella longirostris NOW Streptanthus longirostris
Thelypodium integrifolium ssp. gracilipes OMITTED [GH]
Thelypodium integrifolium ssp. integrifolium OMITTED [COLO]
Thysanocarpus curvipes ssp. eradiatus OMITTED (SEE SYST BOT 2010) [CS]
Butomus umbellatus OMITTED BUT IS PRESENT IN COLORADO CONFIRMED BY [CS]
Cylindropuntia whipplei COLO PLANT IS Cylindropuntia whipplei var. whipplei
Echinocereus coccineus COLO PLANT IS Echinocereus coccineus var. coccineus
Echinocereus fendleri COLO PLANT IS Echinocereus fendleri var. fendleri
Echinocereus mojavensis OMITTED [ASU]
Echinocereus reichenbachii COLO PLANT IS Echinocereus reichenbachii var. reichenbachii
Echinocereus viridiflorus COLO PLANT IS Echinocereus viridiflorus var. viridiflorus
Escobaria vivipara COLO PLANT IS Escobaria vivipara var. vivipara
Opuntia chlorotica DELETE, NOT IN COLO
Opuntia macrocentra DELETE, NOT IN COLO
Opuntia polyacantha var. trichophora SYN OF Opuntia polyacantha var. polyacantha
Sclerocactus dawsonii IMPRUDENT TO INCLUDE UNPUBLISHED NAMES OF OTHER RESEARCHERS
Campanula aparinoides NOW Palustricodon aparinoides
Campanula uniflora NOW Melanocalyx uniflora
Downingia laeta IMPROUDENT TO INCLUDE NUMEROUS PLANTS UNKNOWN FOR COLO. WAIT UNTIL FOUND.
Triodanis perfoliata COLO PLANT IS Triodanis perfoliata ssp. perfoliata
Kolkwitzia amabilis OMITTED (SEE J. BRIT 2011) [RM]
Lonicera ×bella OMITTED [KHD]
Lonicera japonica OMITTED [SJNM]
Symphoricarpos albus var. albus OMITTED (SEE J BRIT 2019) [RM]

Symphoricarpos albus var. *laevigatus* OMITTED (SEE J ARN ARB 1948) [US]
Symphoricarpos rotundifolius var. *oreophilus* OMITTED [RM]
Symphoricarpos rotundifolius var. *rotundifolius* OMITTED [RM]
Symphoricarpos rotundifolius var. *vaccinioides* OMITTED [RM]
Agrostemma brachyloba OMITTED (SEE WEBER AND WITTMANN 1992) [COLO]
Cerastium nutans var. *nutans* OMITTED [RM]
Dianthus barbatus OMITTED [UTEP]
Dianthus plumarius OMITTED [COLO]
Dianthus sylvestris OMITTED [RM]
Eremogone fendleri var. *brevicaulis* OMITTED (SEE INTERMOUNTAIN FLORA) [RM]
Eremogone fendleri var. *fendleri* OMITTED (SEE INTERMOUNTAIN FLORA) [COLO]
Eremogone fendleri var. *porteri* OMITTED (SEE INTERMOUNTAIN FLORA) [COLO]
Gypsophila vaccaria OMITTED [COLO]
Sabulina macrantha COLO PLANT IS *Sabulina macrantha* var. *macrantha*
Sabulina nuttallii COLO PLANT IS *Sabulina nuttallii* var. *nuttallii*
Silene conoidea OMITTED [COLO]
Silene coronaria OMITTED (SEE J BRIT) [COLO]
Silene gallica OMITTED [COLO]
Silene scouleri COLO PLANT IS *Silene scouleri* ssp. *hallii*
Stellaria alsine OMITTED (COLO)
Stellaria pallida NOW *Stellaria media*
Vaccaria hispanica NOW *Gypsophila vaccaria*
Euonymus maackii OMITTED (SEE J BRIT 2011) [RM]
Calystegia sepium COLO PLANT IS *Calystegia sepium* ssp. *angulata*
Cuscuta gronovii var. *gronovii* OMITTED (SEE IL BOT MONO 1920) [COLO]
Cuscuta indecora COLO PLANT IS *Cuscuta indecora* var. *indecora*
Crassula drummondii OMITTED (SEE FNA) [PH]
Petrosedum thartii (SEE PHYLOTAXA 2014) [CONN]
Rhodiola integrifolia COLO PLANT IS *Rhodiola integrifolia* ssp. *integrifolia*
Cyclanthera dissecta NOT IN COLO. THE COLO PLANT IS *Cyclanthera naudiniana*
Carex aquatilis var. *aquatilis* OMITTED [RM]
Carex aquatilis var. *minor* OMITTED [COLO]
Carex blanda OMITTED (SEE FNA)
Carex capillaris COLO PLANT IS *Carex capillaris* ssp. *capillaris*
Carex deflexa COLO PLANT IS *Carex deflexa* var. *boottii*
Carex deweyana COLO PLANT IS *Carex deweyana* var. *deweyana*
Carex exsiccata NOT IN COLO. INTENDED FOR *Carex vesicaria*
Carex incurviformis COLO PLANT IS *Carex incurviformis* var. *danaensis*
Carex kelloggii COLO PLANT IS *Carex kelloggii* var. *kelloggii*
Carex laeviculmis NOT IN COLO (MISID.)
Carex lasiocarpa var. *americana* OMITTED [COLO]
Carex leptalea COLO PLANT IS *Carex leptalea* ssp. *leptalea*
Carex leptopoda NOT IN COLO. THE COLO PLANT IS *Carex deweyana* var. *deweyana*
Carex livida COLO PLANT IS *Carex livida* var. *radicalis*
Carex nardina COLO PLANT IS *Carex nardina* var. *hepburnii*
Carex paysonis NOT IN COLO
Carex scopulorum var. *bracteosa* OMITTED (SEE FNA) [RM]
Carex scopulorum var. *scopulorum* OMITTED (SEE FNA) [RM]
Cyperus lupulinus COLO PLANT IS *Cyperus lupulinus* var. *lupulinus*
Cyperus sphaerolepis NOT IN COLO
Eleocharis bella OMITTED NEEDS CONFIRMATION [RM]
Eleocharis parishii (SEE FLORA OF 4 CORNERS) [SJNM]

Eriophorum angustifolium COLO PLANT IS *Eriophorum angustifolium* ssp. *angustifolium*
Eriophorum scheuchzeri COLO PLANT IS *Eriophorum scheuchzeri* ssp. *scheuchzeri*
Eriophorum viridicarinatum NOT IN COLO
Schoenoplectus acutus var. *acutus* OMITTED [COLO]
Schoenoplectus acutus var. *occidentalis* OMITTED (SEE FLORA OF 4 CORNERS) [COLO]
Schoenoplectus pungens COLO PLANT IS *Schoenoplectus pungens* var. *longispicatus*
Drosera rotundifolia COLO PLANT IS *Drosera rotundifolia* var. *rotundifolia*
Elaeagnus umbellata OMITTED (SEE PLYTLOGIA 1979) [COLO]
Arctostaphylos ×*coloradensis* OMITTED [CS]
Arctostaphylos patula COLO PLANT IS *Arctostaphylos patula* ssp. *patula*
Chimaphila umbellata COLO PANT IS *Chimaphila umbellata* ssp. *occidentalis*
Monotropa hypopitys NOW *Hypopitys americana*
Pyrola asarifolia COLO PLANT IS *Pyrola asarifolia* ssp. *asarifolia*
Acalypha rhomboidea OMITTED [CS] WEED FOUND IN MULTIPLE COUNTIES, INCLUDING DENVER BOT GARDEN.
Ditaxis humilis NOW *Argythamnia humilis* (SEE FNA)
Ditaxis mercurialina NOW *Argythamnia mercurialina* (SEE FNA)
Croton texensis COLO PLANT IS *Croton texensis* var. *texensis*
Euphorbia albomarginata OMITTED (SEE FNA) [MO]
Euphorbia geyeri COLO PLANT IS *Euphorbia geyeri* var. *geyeri*
Euphorbia nephradenia OMITTED [SEE FNA] [BRY]
Euphorbia nutans OMITTED NEEDS CONFIRMATION [CS]
Euphorbia ×*pseudovirgata* OMITTED [KANU]
Euphorbia schizoloba MISID. NOT IN COLO
Euphorbia serpillifolia COLO PLANT IS *Euphorbia serpillifolia* var. *serpillifolia*
Acmispon wrightii OMITTED (SEE FL 4 CORNERS) [COLO]
Astragalus albulus OMITTED (SEE FL 4 CORNERS) [RM]
Astragalus allochrous COLO PLANT IS *Astragalus allochrous* var. *playanus*
Astragalus alpinus COLO PLANT IS *Astragalus alpinus* var. *alpinus*
Astragalus amphioxys var. *amphioxys* OMITTED (SEE FLORA 4 CORNERS) [COLO]
Astragalus bisulcatus var. *major* OMITTED [RM]
Astragalus convallarius var. *convallarius* OMITTED [COLO]
Astragalus convallarius var. *scopulorum* OMITTED [NY]
Astragalus crassicus var. *crassicus* OMITTED [COLO]
Astragalus crassicus var. *paysonii* OMITTED [COLO]
Astragalus flavus var. *flavus* OMITTED (SEE FLORA 4 CORNERS) [COLO]
Astragalus flavus var. *higginsii* OMITTED (SEE FLORA 4 CORNERS) [SJNM]
Astragalus flexuosus var. *greenei* NOT IN COLO
Astragalus gilviflorus COLO PLANT IS *Astragalus gilviflorus* var. *gilviflorus*
Astragalus hyalinus COLO PLANT IS *Astragalus hyalinus* var. *hyalinus*
Astragalus jejunus COLO PLANT IS *Astragalus jejunus* var. *jejunus*
Astragalus linifolius OMITTED [COLO] (ACKERFIELD INDEX STATES ON PG 381; NO SUCH NAME THERE)
Astragalus miser var. *decumbens* OMITTED [RM]
Astragalus mollissimus var. *mollissimus* OMITTED (SEE J BRIT, 2011) [COLO]
Astragalus molybdenus COLO PLANT IS *Astragalus molybdenus* var. *molybdenus*
Astragalus nelsonianus OMITTED (SEE WEBER AND WITTMANN 1992) [CS] ALSO SEE STATE HERITAGE PROGRAM
Astragalus nuttallianus var. *austrinus* OMITTED (SEE J BRIT 2011) [RM]
Astragalus oophorus var. *wilkenii* OMITTED [BRY]
Astragalus praelongus var. *ellisiae* OMITTED (SEE MEM NY BOT GARD 1964) [RM]
Astragalus preussii COLO PLANT IS *Astragalus preussii* var. *preussii*

Astragalus puniceus COLO PLANT IS *Astragalus puniceus* var. *puniceus*
Astragalus purshii COLO PLANT IS *Astragalus purshii* var. *purshii*
Astragalus racemosus var. *longisetus* OMITTED (SEE MEM NY BOT GARD 1964) [RM]
Astragalus racemosus var. *treleasei* OMITTED (SEE WELSH 2007) THERE ARE THREE VARIETIES IN COLO, NOT TWO
Astragalus tenellus NOW *Astragalus multiflorus* (SEE REVEAL 2004)
Astragalus thompsoniae NOW *Astragalus mollissimus* var. *thompsoniae*
Cassia fasciculata COLO PLANT IS *Chamaecrista fasciculata* var. *fasciculata*
Dalea arenicola OMITTED (SEE J BRIT 2011) [NY] IN Ackerfield 2015, NOT IN 2022
Dalea glaberrima OMITTED [NY]
Hedysarum boreale COLO PLANT IS *Hedysarum boreale* var. *boreale*
Hedysarum occidentale COLO PLANT IS *Hedysarum occidentale* var. *occidentale*
Lathyrus decaphyllus var. *decaphyllus* OMITTED [COLO] IN Ackerfield 2015, NOT IN 2022
Lathyrus decaphyllus var. *incanus* OMITTED (SEE J BRIT) [RM]
Lathyrus lanszwertii var. *lanszwertii* OMITTED [RM]
Lathyrus lanszwertii var. *leucanthus* OMITTED [COLO]
Lupinus ×alpestris OMITTED [COLO]
Lupinus ammophilus OMITTED (SEE FLORA OF 4 CORNERS) [COLO]
Lupinus argenteus ssp. *argenteus* OMITTED (SEE FLORA OF 4 CORNERS) [COLO]
Lupinus argenteus ssp. *ingratus* OMITTED (SEE PHYTOLOGIA 2010) [COLO]
Lupinus argenteus ssp. *moabensis* OMITTED (SEE FL 4 CORNERS) [BRY]
Lupinus argenteus ssp. *rubricaulis* OMITTED (SEE FLORA OF 4 CORNERS) [RM]
Lupinus argenteus ssp. *spathulatus* (SEE INTERMOUNTAIN FLORA) [GH]
Lupinus bakeri ssp. *amplus* OMITTED [GH]
Lupinus bakeri ssp. *bakeri* OMITTED [ASC]
Lupinus caespitosus OMITTED (SEE FLORA 4 CORNERS) [COLO]
Lupinus kingii var. *argillaceus* OMITTED [IND]
Lupinus kingii var. *kingii* OMITTED (SEE FLORA 4 CORNERS) [F]
Lupinus parviflorus ssp. *floribundus* OMITTED [GH]
Lupinus parviflorus ssp. *myrianthus* var. *fulvomaculatus* OMITTED [RM]
Lupinus parviflorus ssp. *myrianthus* var. *myrianthus* OMITTED [NY]
Lupinus parviflorus ssp. *parviflorus* OMITTED [RM]
Lupinus pusillus ssp. *pusillus* OMITTED [COLO]
Lupinus pusillus ssp. *rubens* OMITTED (SEE AMERICAN MID NAT 1959)
Oxytropis cusickii NOW *Oxytropis campestris* var. *cusickii*
Oxytropis deflexa var. *foliolosa* OMITTED [RM]
Oxytropis deflexa var. *pulcherrima* OMITTED (SEE FLORA 4 CORNERS) [SJNM]
Oxytropis deflexa var. *sericea* NOW *Oxytropis sericea* var. *sericea*
Oxytropis lagopus var. *atropurpurea* OMITTED [RM]
Oxytropis lambertii var. *articulata* OMITTED [COLO]
Oxytropis lambertii var. *bigelovii* OMITTED [RM]
Oxytropis lambertii var. *lambertii* OMITTED [COLO]
Oxytropis viscida NOW *Oxytropis borealis* var. *viscida*
Pediomelum hypogaeum COLO PLANT IS *Pediomelum hypogaeum* var. *hypogaeum*
Pediomelum megalanthum COLO PLANT IS *Pediomelum megalanthum* var. *megalanthum*
Prosopis glandulosa COLO PLANT IS *Prosopis glandulosa* var. *glandulosa*
Robinia hispida COLO PLANT IS *Robinia hispida* var. *hispida*
Robinia neomexicana COLO PLANT IS *Robinia neomexicana* var. *neomexicana*
Thermopsis montana COLO PLANT IS *Thermopsis montana* var. *montana*
Trifolium anemophilum NOW *Trifolium dasyphyllum* ssp. *anemophilum*
Trifolium gymnocarpon COLO PLANT IS *Trifolium gymnocarpon* ssp. *gymnocarpon*
Trifolium longipes ssp. *pygmaeum* (SEE CAN J BOT 1969) OMITTED [COLO]

Trifolium longipes ssp. *reflexum* OMITTED (SEE CAN J BOT 1969) [COLO]
Trifolium mucronatum ssp. *lacerum* OMITTED (SEE CAN J BOT 1980) [SJNM]
Trifolium parryi ssp. *parryi* OMITTED (SEE FLORA OF 4 CORNERS) [COLO]
Trifolium parryi ssp. *salictorum* OMITTED (SEE BRITTONIA 1965) [COLO]
Vicia americana ssp. *americana* OMITTED (SEE iOWA STATE J SCI 1960) [COLO]
Vicia americana ssp. *minor* OMITTED (SEE ATLAS OF GREAT PLAINS) [COLO]
Vicia ludoviciana COLO PLANT IS *Vicia ludoviciana* ssp. *ludoviciana*
Vicia villosa COLO PLANT IS *Vicia villosa* ssp. *villosa*
Quercus gambelii COLO PLANT IS *Quercus gambelii* var. *gambelii*
Quercus rubra ADV IN COLO (SEE J. BRIT 2019) [COLO]
Quercus ×*undulata* OMITTED [COLO]
Centaurium arizonicum NOW *Zeltnera arizonica*
Centaurium exaltatum NOW *Zeltnera exaltata*
Eustoma russellianum COLO PLANT IS *Eustoma exaltatum* ssp. *russellianum*
Gentiana andrewsii COLO PLANT IS *Gentiana andrewsii* var. *andrewsii*
Gentiana bigelovii NOW *Gentiana affinis*
Gentianella acuta NOW *Gentianella amarella* ssp. *acuta*
Gentianopsis virgata NOT IN COLO
Geranium aequale OMITTED (SEE SYST BOT 2012) [NY]
Geranium atropurpureum NOW *Geranium caespitosum*
Geranium ibericum OMITTED (SEE WEBER AND WITTMANN 1992) [COLO]
Geranium viscosissimum var. *incisum* NOT IN COLO. COLO PLANT IS *Geranium viscosissimum*.
Ribes cereum COLO PLANT IS *Ribes cereum* var. *cereum*
Ribes inerme COLO PLANT IS *Ribes inerme* var. *inerme*
Heliotropium curassavicum ssp. *oculatum* NOW *Heliotropium curassavicum* var. *obovatum*
Fendlerella utahensis COLO PLANT IS *Fendlerella utahensis* var. *utahensis*
Philadelphus microphyllus COLO PLANT IS *Philadelphus microphyllus* var. *microphyllus*
Hydrilla verticillata OMITTED [USGS]
Nama hispida OMITTED (SEE FLORA OF 4 CORNERS) [YU]
Phacelia corrugata NOW *Phacelia crenulata* var. *corrugata*
Phacelia demissa COLO PLANT IS *Phacelia demissa* var. *demissa*
Phacelia hastata COLO PLANT IS *Phacelia hastata* var. *hastata*
Phacelia neomexicana OMITTED [ALAM]
Phacelia tanacetifolia OMITTED [COLO]
Sisyrinchium angustifolium NOT IN COLO
Juglans nigra OMITTED (SEE J. BRIT 2011) [CS]
Juncus arcticus NOT IN COLO. COLO PLANT IS *Juncus balticus* ssp. *ater*
Juncus brachyphyllus NOT IN COLO NOR CLOSE TO IT
Juncus bufonius var. *bufonius* OMITTED [COLO]
Juncus bufonius var. *occidentalis* OMITTED [F]
Juncus castaneus var. *castaneus* OMITTED [COLO]
Juncus effusus COLO PLANT IS *Juncus effusus* ssp. *effusus*
Juncus nevadensis COLO PLANT IS *Juncus nevadensis* var. *nevadensis*
Juncus saximontanus OMITTED, [COLO] NOT EQUAL TO *Juncus ensifolius*
Luzula comosa COLO PLANT IS *Luzula comosa* var. *laxa*
Agastache pallidiflora COLO PLANT IS *Agastache pallidiflora* var. *greenei*
Caryopteris ×*clandonensis* OMITTED [COLO]
Dracocephalum moldavica OMITTED ([ASU]
Hyssopus officinalis OMITTED [COLO]
Lamium purpureum COLO PLANT IS *Lamium purpureum* var. *purpureum*
Lycopus uniflorus COLO PLANT IS *Lycopus uniflorus* var. *uniflorus*
Monardella odoratissima COLO PLANT IS *Monardella odoratissima* ssp. *glauca*

Prunella vulgaris COLO PLANT IS *Prunella vulgaris* ssp. *lanceolata*
Pycnanthemum virginianum OMITTED [GREE]
Salvia yangii OMITTED [FLD]
Scutellaria lateriflora COLO PLANT IS *Scutellaria lateriflora* var. *lateriflora*
Scutellaria resinosa OMITTED (SEE WEBER AND WITTMANN 1992) [CS]
Stachys pilosa COLO PLANT IS *Stachys pilosa* var. *pilosa*
Calochortus gunnisonii [COLO] PLANT IS *Calochortus gunnisonii* var. *gunnisonii*
Linum australe COLO PLANT IS *Linum australe* var. *australe*
Linum berlandieri COLO PLANT IS *Linum berlandieri* var. *berlandieri*
Linum grandiflorum OMITTED (SEE FNA) [COLO]
Linum lewisii COLO PLANT IS *Linum lewisii* var. *lewisii*
Linum rigidum var. *rigidum* OMITTED (SEE FNA) [COLO]
Linum rigidum var. *simulans* OMITTED (SEE FNA)
Mentzelia laevicaulis COLO PLANT IS *Mentzelia laevicaulis* var. *laevicaulis*
Mentzelia longiloba var. *longiloba* OMITTED (SEE FNA AND SYST BOT 2011) [WS]
Mentzelia montana OMITTED (SEE FNA) [RM]
Ammannia coccinea OMITTED [NCSC]
Lythrum alatum COLO PLANT IS *Lythrum alatum* var. *alatum*
Callirhoe alcaeoides OMITTED (SEE MEM NY BOT GAR.1990) [MO]
Callirhoe involucrata var. *involucrata* OMITTED [CS]
Callirhoe involucrata var. *lineariloba* OMITTED (SEE MEN NY BOT GARDEN 1990 AND FNA)
Iliamna angulata NOW *Iliamna grandiflora*
Sidalcea neomexicana COLO PLANT IS *Sidalcea neomexicana* ssp. *neomexicana*
Sphaeralcea fendleri COLO PLANT IS *Sphaeralcea fendleri* ssp. *fendleri*
Veratrum californicum COLO PLANT IS *Veratrum californicum* var. *californicum*
Claytonia rubra COLO PLANT IS *Claytonia rubra* ssp. *rubra*
Phemeranthus brevifolius OMITTED [NY]
Mirabilis hirsuta NOW *Mirabilis albida*
Mirabilis linearis var. *decipiens* OMITTED (SEE FLORA 4 CORNERS) [NY]
Fontanesia phillyreoides ssp. *fortunei* OMITTED (SEE J BRIT 2011) [RM]
Fraxinus anomala COLO PLANT IS *Fraxinus anomala* var. *anomala*
Menodora scabra COLO PLANT IS *Menodora scabra* var. *scabra*
Camissonia breviflora NOW *Taraxia breviflora*
Camissonia subacaulis NOW *Taraxia subacaulis*
Chamaenerion angustifolium COLO PLANT IS *Chamaenerion angustifolium* ssp. *circumvagum*
Chylismia walkeri COLO PLANT IS *Chylismia walkeri* ssp. *walkeri*
Circaea alpina ssp. *alpina* OMITTED (SEE FNA) [RM]
Circaea alpina ssp. *pacifica* OMITTED (SEE FNA) [RM]
Epilobium hornemannii COLO PLANT IS *Epilobium hornemannii* ssp. *hornemannii*
Gayophytum diffusum COLO PLANT IS *Gayophytum diffusum* ssp. *parviflorum*
Gayophytum humile NOT IN COLO
Ludwigia alternifolia OMITTED (SEE FNA) [CM]
Oenothera cinerea COLO PLANT IS *Oenothera cinerea* ssp. *cinerea*
Oenothera filiformis IN ACKERFIELD 2015 BUT NOT IN ACKERFIELD 2022. PRESENT IN COLO [CS]
Oenothera grandis OMITTED (SEE FNA) [RM]
Oenothera hartwegii COLO PLANT IS *Oenothera hartwegii* ssp. *pubescens*
Oenothera triloba OMITTED (SEE FNA)
Corallorhiza maculata var. *maculata* OMITTED (SEE FNA) [RM]
Corallorhiza maculata var. *occidentalis* OMITTED (SEE FNA) [NY]
Corallorhiza striata var. *vreelandii* OMITTED (SEE FNA) [KANU]
Platanthera ×dulcis OMITTED [FLAS]
Aphyllon arizonicum OMITTED (SEE PHYTONEURON 2015) [COLO]

Aphyllon cooperi NOT IN COLO
Castilleja flava COLO PLANT IS Castilleja flava var. flava
Castilleja miniata COLO PLANT IS Castilleja miniata var. miniata
Castilleja minor COLO PLANT IS Castilleja minor var. exilis
Pedicularis canadensis NOT IN COLO. COLO PLANT IS Pedicularis fluviatilis
Pedicularis parryi ssp. mogollonica OMITTED (SEE FNA) [RM]
Pedicularis parryi ssp. parryi OMITTED (SEE FNA) [RM]
Pedicularis sudetica COLO PLANT IS Pedicularis sudetica ssp. scopulorum
Dicentra uniflora OMITTED [COLO]
Papaver nudicaule ssp. americanum NOT IN COLO
Erythranthe tilingii NOT IN COLO
Mimulus ringens COLO PLANT IS Mimulus ringens var. ringens
Antirrhinum majus OMITTED? NEEDS CONFIRMATION [GREE]
Callitriche heterophylla NOT IN COLO
Callitriche stenoptera OMITTED (SEE NOVON 2009) [MO]
Cymbalaria muralis OMITTED (SEE FNA) (COLO)
Linaria grandiflora OMITTED (SEE FNA) (NY)
Linaria texana OMITTED (SEE FNA) [COLO]
Nuttallanthus NOW Linaria
Penstemon ambiguus COLO PLANT IS Penstemon ambiguus var. ambiguus
Penstemon angustifolius var. venosus OMITTED (SEE FNA AND FLORA 4 CORNERS) [RM]
Penstemon angustifolius var. vernalensis OMITTED (SEE FNA) [COLO]
Penstemon barbatus var. torreyi OMITTED (SEE FNA AND FLORA 4 CORNERS) [CS]
Penstemon barbatus var. trichander OMITTED (SEE FNA) [COLO]
Penstemon caespitosus var. caespitosus OMITTED (SEE FNA) [RM]
Penstemon caespitosus var. perbrevis OMITTED (SEE FNA) [BRY]
Penstemon gracilis COLO PLANT IS Penstemon gracilis var. gracilis
Penstemon palmeri COLO PLANT IS Penstemon palmeri var. palmeri
Penstemon rydbergii var. aggregatus OMITTED (SEE FNA) [NY]
Penstemon rydbergii var. rydbergii OMITTED (SEE FNA) [NY]
Penstemon scariosus var. albifluvis OMITTED (SEE FNA)
Penstemon scariosus var. cyanomontanus OMITTED (SEE FNA) [RM]
Penstemon scariosus var. garrettii OMITTED (SEE FNA) [BRY]
Penstemon scariosus var. scariosus OMITTED (SEE FNA) [KANU]
Penstemon virgatus var. asa-grayi OMITTED [COLO]
Penstemon virgatus var. virgatus OMITTED (SEE FNA)
Synthyris NOW Veronica
Veronica biloba NOW Veronica argute-serrata
Veronica wormskjoldii COLO PLANT IS Veronica wormskjoldii ssp. nutans
Agropyron cristatum COLO PLANT IS Agropyron cristatum ssp. pectinatum
Alopecurus aequalis COLO PLANT IS Alopecurus aequalis var. aequalis
Alopecurus ×haussknechtianus OMITTED [KHD]
Aristida curtissii OMITTED (SEE HITCHCOCK MANUAL OF GRASSES OF THE US 1950) [CS]
Aristida dichotoma NOT IN COLO. COLO PLANT IS Aristida curtissii
Aristida longespica var. geniculata OMITTED (SEE TRANS OF KANS ACAD OF SCI 2000) [KANU]
Arrhenatherum elatius COLO PLANT IS Arrhenatherum elatius var. elatius
Avena sterilis OMITTED [RM]
Avenella flexuosa NOW Deschampsia flexuosa
Bothriochloa laguroides COLO PLANT IS Bothriochloa laguroides ssp. torreyana
Bouteloua barbata COLO PLANT IS Bouteloua barbata var. barbata
Bouteloua curtipendula var. caespitosa OMITTED [COLO]
Bouteloua curtipendula var. curtipendula OMITTED [COLO]

Bouteloua dactyloides OMITTED [COLO]
Briza maxima OMITTED [NY]
Briza media OMITTED [COLO]
Bromus anomalus OMITTED [NY]
Bromus catharticus var. catharticus OMITTED [SJNM]
Bromus carinatus NOT IN COLO COLO PLANT IS Bromus sitchensis var. marginatus
Bromus commutatus NOW Bromus racemosus
Bromus polyanthus NOW Bromus sitchensis var. polyanthus
Bromus pumpellianus COLO PLANTS IS Bromus pumpellianus ssp. pumpellianus
Buchloe dactyloides NOW Bouteloua dactyloides
Calamagrostis ×acutiflora OMITTED [KHD]
Calamagrostis canadensis COLO PLANT IS Calamagrostis canadensis var. canadensis
Calamagrostis stricta ssp. inexpansa OMITTED [RM]
Calamagrostis stricta ssp. stricta OMITTED (SEE CONT TO GRAY HERB), 1930) [NY]
Cenchrus incertus OMITTED [MICH]
Cenchrus spinifex NOW Cenchrus incertus
Cynosurus cristatus OMITTED [COCO]
Deschampsia brevifolia NOW Deschampsia cespitosa ssp. septentrionalis
Deschampsia flexuosa OMITTED [MO]
Dichanthelium thermale ssp. sericeum OMITTED [COLO]
Digitaria californica NOW Trichachne californica
Digitaria pubiflora NOW Leptoloma pubiflorum var. pubiflorum
Dinebra panicea NOT IN COLO
Diplachne fusca ssp. uninervia OMITTED (SEE PHYTOKEYS 2018) [US]
Echinochloa colona OMITTED [MSC]
Echinochloa crus-pavonis var. macera OMITTED [GREE]
Eleusine coracana ssp. africana OMITTED [RM]
×Elyhordeum macounii OMITTED [COLO]
×Elylymus aristatus OMITTED [COLO]
Elymus elymoides ssp. brevifolius OMITTED [COLO]
Elymus elymoides ssp. elymoides OMITTED [COLO]
Elymus ×hansenii OMITTED (SEE BRIT 1963) [CS]
Elymus lanceolatus COLO PLANT IS Elymus lanceolatus ssp. lanceolatus
Elymus ×pseudorepens OMITTED [NY]
Elymus ×saundersii OMITTED [COLO]
Elymus trachycaulus ssp. subsecundus OMITTED [COLO]
Elymus trachycaulus ssp. trachycaulus OMITTED [COLO]
Elymus violaceus NOW Elymus alaskanus ssp. latiglumis
Elymus virginicus COLO PLANT IS Elymus virginicus var. virginicus
Eragrostis pectinacea var. miserrima OMITTED [RM]
Eragrostis pectinacea var. pectinacea OMITTED [COLO]
Eragrostis pilosa COLO PLANT IS Eragrostis pilosa var. perplexa
Eragrostis tef OMITTED [RM]
Eremopyrum bonaepartis OMITTED [RM]
Eriocoma bloomeri ALPH ORDER PROBLEM
Eriocoma arnowiae OMITTED (SEE WELSH AND ATWOOD 2015)
Eriocoma nelsonii ssp. dorei OMITTED [RM]
Eriocoma nelsonii ssp. nelsonii OMITTED [RM]
Eriocoma occidentalis ssp. pubescens OMITTED [RM]
Eriocoma webberi NOT IN COLO
Festuca campestris OMITTED [COLO]
Festuca kingii NOW Leucopoa kingii

Festuca octoflora var. *hirtella* OMITTED [MISSA]
Festuca octoflora var. *octoflora* OMITTED [ISC]
Festuca octoflora var. *tenella* OMITTED [MO]
Glyceria grandis COLO PLANT IS *Glyceria grandis* var. *grandis*
Hesperostipa comata ssp. *comata* OMITTED [RM]
Hesperostipa comata ssp. *intermedia* OMITTED [RM]
Hilaria jamesii NOW *Pleuraphis jamesii*
Hordeum brachyantherum COLO PLANT IS *Hordeum brachyantherum* ssp. *brachyantherum*
Hordeum murinum ssp. *glaucum* OMITTED [COLO]
Hordeum murinum ssp. *leporinum* OMITTED [RM]
Koeleria spicata OMITTED [COLO]
Melica nitens OMITTED [NY]
Panicum dichotomiflorum COLO PLANT IS *Panicum dichotomiflorum* var. *dichotomiflorum*
Panicum miliaceum COLO PLANT IS *Panicum miliaceum* ssp. *miliaceum*
Panicum virgatum COLO PLANT IS *Panicum virgatum* var. *virgatum*
Pennisetum alopecuroides NOW *Cenchrus alopecuroides*
Pennisetum glaucum NOW *Cenchrus americanus*
Phragmites americanus OMITTED (SEE SIDA 2004) [COLO]
Poa alpina COLO PLANT IS *Poa alpina* ssp. *alpina*
Poa arctica ssp. *aperta* OMITTED [RM]
Poa arctica ssp. *arctica* OMITTED [RM]
Poa arctica ssp. *grayana* OMITTED [RM]
Poa banffiana OMITTED [NY]
Poa bulbosa COLO PLANT IS *Poa bulbosa* ssp. *vivipara*
Poa cusickii ssp. *epilis* OMITTED [RM]
Poa cusickii ssp. *pallida* OMITTED [KHD]
×*Pseudelymus saxicola* OMITTED [COLO]
Pseudoroegneria spicata ssp. *inermis* OMITTED [COLO]
Pseudoroegneria spicata ssp. *spicata* OMITTED [COLO]
Puccinellia distans COLO PLANT IS *Puccinellia distans* ssp. *distans*
Schismus arabicus OMITTED [MO]
Sorghum bicolor COLO PLANT IS *Sorghum bicolor* ssp. *bicolor*
Sporobolus airoides ALPH ORDER PROBLEM
Sporobolus arenicola OMITTED [COLO]
Sporobolus compositus COLO PLANT IS *Sporobolus compositus* var. *compositus*
Sporobolus hookerianus OMITTED [COLO]
Sporobolus michauxianus OMITTED [RM]
Sporobolus rigidus var. *rigidus* OMITTED [COLO]
Trichachne californica OMITTED [RM]
Tripidium ravennae OMITTED [COLO]
Trisetum interruptum NOW *Sphenopholis interrupta* ssp. *interrupta*
Trisetum spicatum NOW *Koeleria spicata*
Triticum durum OMITTED [RM]
Zea mays COLO PLANT IS *Zea mays* ssp. *mays*
Zuloagaea bulbosa OMITTED (SEE FLORA 4 CORNERS) [SJNM]
Eriastrum diffusum COLO PLANT IS *Eriastrum diffusum* ssp. *diffusum*
Gilia tricolor ssp. *tricolor* OMITTED [COLO] ADVENTIVE IN BOULDER CO
Ipomopsis congesta ssp. *matthewii* OMITTED (SEE PHYTOTAXA) [RSA]
Ipomopsis longiflora ssp. *longiflora* OMITTED (SEE MADRONO 2002) [RM]
Ipomopsis longiflora ssp. *neomexicana* OMITTED (SEE MADRONO 2001) [KANU]
Ipomopsis multiflora COLO PLANT IS *Ipomopsis multiflora* ssp. *multiflora*
Ipomopsis spicata ssp. *capitata* OMITTED (SEE WEBER AND WITTMANN 1992) [COLO]

Ipomopsis spicata ssp. *spicata* OMITTED (SEE WEBER AND WITTMANN 1992) [RM]
Linanthus pungens COLO PLANT IS *Linanthus pungens* ssp. *pungens*
Linanthus watsonii COLO PLANT IS *Linanthus watsonii* ssp. *watsonii*
Phlox andicola COLO PLANT IS *Phlox andicola* ssp. *andicola*
Phlox canescens OMITTED (SEE WHERRY 1955 THE GENUS PHLOX) [COLO]
Phlox condensata COLO PLANT IS *Phlox condensata* ssp. *condensata*
Fallopia japonica NOW *Reynoutria japonica*
Polygonum aviculare ssp. *aviculare* OMITTED (SEE FNA) [CS]
Polygonum aviculare ssp. *buxiforme* OMITTED (SEE FNA) [USFS]
Polygonum aviculare ssp. *depressum* OMITTED (SEE FNA) [COLO]
Polygonum aviculare ssp. *neglectum* OMITTED [GH]
Polygonum erectum OMITTED (SEE FNA) [RM]
Polygonum ramosissimum ssp. *prolificum* OMITTED [GH]
Polygonum ramosissimum ssp. *ramosissimum* OMITTED (SEE FNA) [COLO]
Rumex crispus COLO PLANT IS *Rumex crispus* ssp. *crispus*
Rumex patientia OMITTED (SEE J BRIT 2011) [RM]
Rumex paucifolius OMITTED (SEE FNA) [COLO]
Portulaca pilosa OMITTED (SEE FL 24 CORNERS) [RM]
Potamogeton berchtoldii COLO PLANT IS *Potamogeton berchtoldii* ssp. *berchtoldii*
Potamogeton ×*hagstroemii* OMITTED [NY]
Potamogeton perfoliatus NOT IN COLO
Stuckenia filiformis ssp. *alpina* OMITTED (SEE FNA) [COLO]
Stuckenia filiformis ssp. *occidentalis* OMITTED (SEE FNA) [COLO]
Stuckenia striata (SEE FNA) [CS]
Adonis aestivalis OMITTED [COLO]
Anemone multifida COLO PLANT IS *Anemone multifida* var. *multifida*
Aquilegia chrysantha COLO PLANT IS *Aquilegia chrysantha* var. *rydbergii*
Aquilegia coerulea var. *pinetorum* OMITTED (SEE FLORA 4 CORNERS) [SJNM]
Aquilegia flavescens OMITTED (SEE WEBER AND WITTMANN 1992) [GH]
Aquilegia micrantha COLO PLANT *Aquilegia micrantha* var. *micrantha*
Aquilegia pubescens OMITTED (SEE WEBER AND WITTMANN 1992) [COLO]
Consolida ajacis OMITTED BOULDER [LSU]
Delphinium occidentale COLO PLANT IS *Delphinium occidentale* ssp. *occidentale*
Delphinium robustum THIS IS NOT THE SAME AS *Delphinium ramosum*
Delphinium wootonii OMITTED [COLO]
Myosurus NOW *Ranunculus*
Ranunculus acriformis var. *acriformis* OMITTED [COLO]
Ranunculus acriformis var. *montanensis* OMITTED [RM]
Ranunculus bulbosus OMITTED [COLO]
Ranunculus egglestonii (SEE FOUR CORNERS FLORA) [SJNM]
Ranunculus flammula var. *ovalis* OMITTED (SEE FNA) [COLO]
Ranunculus flammula var. *reptans* OMITTED (SEE FNA) [CS]
Ranunculus gelidus NOW *Ranunculus grayi*
Ranunculus macauleyi var. *brandegeei* OMITTED (SEE FNA) [MO]
Ranunculus macauleyi var. *macauleyi* OMITTED (SEE FNA) [ALAM]
Ranunculus sceleratus var. *sceleratus* OMITTED (SEE J. BRIT 2011) [RM]
Thalictrum fendleri COLO PLANT IS *Thalictrum fendleri* var. *fendleri*
Thalictrum occidentale (SEE FNA) [RM]
Rhamnus betulifolia NOT IN COLO
Rhamnus smithii NOW *Endotropis smithii*
Agrimonia gryposepala OMITTED (SEE FNA) [USFS]
Cercocarpus ledifolius var. *intermontanus* OMITTED [COLO]

Crataegus chrysocarpa COLO PLANT IS *Crataegus chrysocarpa* var. *chrysocarpa*
Dasiphora fruticosa COLO PLANT IS *Dasiphora fruticosa* ssp. *floribunda*
Dryas OUT OF ALPH ORDER
Drymocallis convallaria OMITTED (SEE FNA) [GH]
Drymocallis glandulosa COLO PLANT IS *Drymocallis glandulosa* var. *glandulosa*
Fragaria vesca COLO PLANT IS *Fragaria vesca* ssp. *bracteata*
Fragaria virginiana COLO PLANT IS *Fragaria virginiana* ssp. *glauca*
Geum triflorum var. *ciliatum* OMITTED (SEE FNA) [RM]
Geum triflorum var. *triflorum* OMITTED (SEE FNA) [RM]
Ivesia gordonii COLO PLANT IS *Ivesia gordonii* var. *gordonii*
Malus pumila NOW *Malus domestica*
Physocarpus malvaceus OMITTED (SEE FNA) [USFS]
Argentina anserina NOW *Potentilla anserina* ssp. *anserina*
Potentilla argentea COLO PLANT IS *Potentilla argentea* var. *argentea*
Potentilla jepsonii BETTER AS *Potentilla pensylvanica*
Potentilla subviscosa COLO PLANT IS *Potentilla subviscosa* var. *subviscosa*
Potentilla thurberi var. *thurberi* OMITTED (SEE FL 4 CORNERS) [SJNM]
Prunus virginiana var. *demissa* OMITTED (SEE FNA) [COLO]
Prunus virginiana var. *virginiana* OMITTED (SEE FNA) [COLO]
Purshia tridentata COLO PLANT IS *Purshia tridentata* var. *tridentata*
Rosa ×canadensis OMITTED(SEE NOVON 2016) MO
Rosa ×engelmannii OMITTED (SEE NOVON 2016) [MO]
Rosa glauca OMITTED (SEE FNA) [CS]
Rosa nutkana ssp. *macdougalii* OMITTED (SEE FNA) [RM]
Rosa nutkana ssp. *melina* OMITTED (SEE FNA) [NY]
Rosa rubiginosa var. *rubiginosa* OMITTED (SEE FNA) [COLO]
Rosa woodsii ssp. *arizonica* var. *arizonica* OMITTED (SEE NOVON 2007) [MO]
Rosa woodsii ssp. *manca* OMITTED (SEE FLORA 4 CORNERS) [MO]
Rosa woodsii ssp. *puberulenta* OMITTED (SEE NOVON 2010) [MO]
Rosa woodsii ssp. *ultramontana* OMITTED (SEE FNA) [COLO]
Rosa woodsii ssp. *woodsii* OMITTED (SEE FNA) [RM]
Rubus armeniacus NOW *Rubus bifrons*
Rubus idaeus ssp. *idaeus* OMITTED [RM]
Rubus parviflorus NOW *Rubus nutkanus*
Sibbaldia procumbens NOW *Potentilla sibbaldii*
Spiraea douglasii var. *menziesii* OMITTED (SEE FNA) [COLO]
Spiraea trilobata OMITTED (SEE J BRIT 2011) [RM]
Stenaria nigricans COLO PLANT IS *Stenaria nigricans* var. *nigricans*
Ptelea trifoliata ssp. *pallida* var. *confinis* OMITTED (SEE BRITTONIA 1962) [RM]
Ptelea trifoliata ssp. *polyadenia* OMITTED (SEE BRITTONIA 1962) [MO]
Populus acuminata RECOGNIZED AS A FULL SPECIES, NOT A HYBRID
Populus balsamifera COLO PLANT IS *Populus balsamifera* ssp. *balsamifera*
Populus ×brayshawii OMITTED [COLO]
Populus deltoides ssp. *monilifera* OMITTED (SEE FNA) [COLO]
Populus deltoides ssp. *wislizeni* OMITTED (SEE FNA) [COLO]
Populus ×jackii OMITTED (SEE CAN J BOT 1984) [A]
Populus nigra OMITTED (SEE J OF TORR BOT SOC 2007) [COLO]
Salix calcicola COLO PLANT IS *Salix calcicola* var. *glandulosior*
Salix eriocephala OMITTED [COLO]
Salix exigua COLO PLANT IS *Salix exigua* var. *exigua*
Salix glauca COLO PLANT IS *Salix glauca* var. *villosa*
Salix lasiolepis OMITTED [SJNM] [ASC]

Salix ×*pendulina* OMITTED [CS]
Salix pentandra OMITTED (SEE FNA) [RM]
Salix reticulata OMITTED (SEE FNA) [RM]
Acer glabrum var. *neomexicanum* OMITTED (SEE AMER MID NAT 1942) [CS]
Lithophragma parviflorum COLO PLANT IS *Lithophragma parviflorum* var. *parviflorum*
Mitella pentandra NOW *Pectiantia pentandra*
Mitella stauropetala NOW *Ozomelis stauropetala*
Saxifraga debilis NOW *Saxifraga hyperborea*
Saxifraga hirculus COLO PLANT IS *Saxifraga hirculus* ssp. *hirculus*
Saxifraga debilis NOW *Saxifraga hyperborea*
Calibrachoa parviflora OMITTED (SEE SIDA 2003) [KHD]
Physalis hederifolia COLO PLANT IS *Physalis hederifolia* var. *comata*
Physalis longifolia var. *longifolia* OMITTED (SEE RHODORA 1958 AND WEBER AND WITTMANN 1992) [CS]
Physalis longifolia var. *subglabrata* OMITTED (SEE RHODORA 1958 AND WEBER AND WITTMANN 1992) [COLO]
Physalis virginiana var. *polyphylla* OMITTED (SEE WEBER AND WITTMANN 1992) [MO]
Physalis virginiana var. *virginiana* OMITTED (SEE WEBER AND WITTMANN 1992) [COLO]
Solanum americanum VERY DOUBTFUL FOR COLO
Solanum heterodoxum var. *setigeroides* NOW *Solanum setigeroides*
Solanum emulans OMITTED (PHYTOKEYS 2019) [US]
Solanum interius OMITTED (SEE PHYTOLOGIA 2019) [US]
Solanum nitidibaccatum OMITTED [COLO]
Solanum rostratum OMITTED (SEE WEBER AND WITTMANN 1992) [COLO]
Solanum setigeroides OMITTED [COLO]
Solanum stoloniferum OMITTED (SEE SYST BOT 2004) [F]
Tamarix gallica NOT IN COLO
Sparganium eurycarpum COLO PLANT IS *Sparganium eurycarpum* var. *eurycarpum*
Ulmus parvifolia OMITTED (SEE J BRIT 2011) [RM]
Ulmus rubra OMITTED (SEE J BRIT 2011) [RM]
Glandularia canadensis OMITTED [YU]
Glandularia wrightii OMITTED [ASU]
Verbena ×*crookshanksii* OMITTED (SEE PHYTOLOGIA MEM 1980)
Viola adunca var. *adunca* OMITTED [COLO]
Viola adunca var. *bellidifolia* OMITTED [SUU]
Viola bicolor NOW *Viola rafinesquei*
Viola biflora COLO PLANT IS *Viola biflora* ssp. *biflora*
Viola canadensis NOT IN COLO, COLO PLANT IS *Viola rugulosa*
Viola macloskeyi NOT IN COLO, COLO PLANT IS *Viola minuscula*
Viola retusa OMITTED [MO]
Viola scopulorum OMITTED (SEE WEBER AND WITTMANN 1992) [CO]
Viola tricolor OMITTED [CS]
Parthenocissus vitacea NOW *Parthenocissus inserta*