

INTERMOUNTAIN RANGE PLANT NAMES AND SYMBOLS

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INTERMOUNTAIN FOREST AND RANGE
EXPERIMENT STATION
FOREST SERVICE
U.S. DEPARTMENT OF AGRICULTURE

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PURPOSE AND SCOPE

This revised alphabetical list of botanical and common names of vascular plants that primarily grow on wildlands of the Intermountain region and adjacent areas has been assembled for use in quickly recording occurrence of plants in the field and for rapid machine processing of field data. Included are plants found in Utah, Nevada, southern Idaho, and Wyoming, and most Montana species.

Where there has been a recent change of a long-used name of an entry, the old name is shown in parentheses after the new name. Likewise, the old generic name of a species may be entered and followed by the now-accepted generic name in parentheses.

The list is based on phylogenetic presentations in recognized Western Floras and other publications relating to occurrence of species on wildland sites (see bibliography). Particular attention has been paid to the "Checklist of the Vascular Plants of the Intermountain Region" (Holmgren and Reveal 1966). This provides the principal base for our listings. Kelsey and Dayton's "Standardized Plant Names" (1942) as well as a revision of this work by Beetle (1970) were consulted, particularly in assembling the common names. The "Check List of Native and Naturalized Trees of the United States" (Little 1953) was referred to for names of most trees.

Many botanical names have changed since the first "Intermountain Range Plant Symbols" (1966) was published. These changes have primarily resulted from revisions of botanical names through studies by authoritative taxonomists. Benson's "The Cacti of Arizona" (1974) made it necessary to change the names of a number of cacti. Where authoritative changes have been made by botanists, they have been accepted in this plant list to make the list as current as possible. Several introduced species now widely planted, and other exotics that have become naturalized, are included.

Special effort has been made to include a complete list of shrubs and trees in the Intermountain States. Subspecies and varieties have been shown where this is warranted. Many woody plants are being considered for use in artificial restoration projects for improvement of wildlife habitat, recreational areas, domestic livestock grazing, and stabilization of disturbed areas. Likewise, subspecies and occasional varietal names of grasses and forbs have been shown where current use warrants their inclusion.

Spelling of names generally follows forms in the "Government Printing Office Style Manual." Some common names, beyond those used by Kelsey and Dayton (1942), and Beetle (1970) and those used by Little (1950), are shown when they are known to be in current use. When a reference was not available for a common name, the most widely used one was accepted.

ARRANGEMENT OF PLANT NAMES

Species are grouped generally according to growth form as (1) grasses, (2) grasslike plants, (3) forbs, and (4) trees and shrubs. The cacti are included with the shrubs, and the ferns with the forbs. Within each growth form, plant names are arranged alphabetically by genera and then by species within each genus.

SYMBOLS FOR GENERA

Symbols for genera are the capitalized first five letters of the genus name, except for generic names that are duplicated. If the first five letters of two or more generic names are identical and would thus give duplicate symbols, a numeral replaces the last letter of any duplicate symbol according to alphabetic order of the whole name. For example, the genera *Anemone* and *Anemopsis* have initial *Anemo-* in common. Since *Anemone* precedes, it is coded ANEMO, and *Anemopsis* is coded ANEM2.

The 12 generic names that have fewer than five letters are spelled in full in the code. They are: *Acer*, *Beta*, *Geum*, *Iris*, *Iva*, *Nama*, *Poa*, *Rhus*, *Rosa*, *Sida*, *Sium*, and *Zea*.

SYMBOLS FOR SPECIES AND STRAINS

The symbol for each species consists of the first two letters of the generic name plus the first two letters of the species name, all in capital letters, thus: AGAR for *Agropyron arizonicum*. If the same four-letter symbol should fit two or more species, numerals are added to the duplicates; this makes a symbol of four letters plus a digit, as AGDE2. Where strain or variety is shown, the first letter of the name of the variety is added; this makes a five-letter symbol, as AGINA for *Agropyron intermedium amurense*. If there is duplication in symbols for varieties, a numeral replaces the fifth letter, as ACGL2--*Acer glabrum douglasii*.

Since capital letters have been used in all letter symbols here, we recommend that capitals be used for all symbols written on field data sheets. This practice helps prevent mistakes in interpretation, both in the field and later in the office.

Omissions and errors no doubt are present. Since a future revision is contemplated, suggestions, comments, and notes on additions and errors are welcome. They should be sent to the Director, Intermountain Forest and Range Experiment Station, 507 - 25th Street, Ogden, Utah 84401.

GRASSES			GRASSES		
Alpha code	Scientific name	Common name	Alpha code	Scientific name	Common name
AEGL	<i>Aegilops</i> spp.	Goatfacegrass	AGROP	<i>Agropyron</i> spp.	(con.)
AECY	<i>cylindrica</i>	Jointed goatfacegrass	AGSE	<i>semicostatum</i>	Drooping wheatgrass
AGROP	<i>Agropyron</i> spp.	Wheatgrass	AGSI	<i>sibiricum</i>	Siberian wheatgrass
AGAL2	<i>albicans</i>	Montana wheatgrass	AGSMS	<i>smithii</i>	Bluestem or western wheatgrass
AGAR	<i>arizonicum</i>	Arizona wheatgrass	AGSMM	<i>smithii molle</i>	
AGBA	<i>bakeri</i>	Baker wheatgrass	AGSMP	<i>smithii palmeri</i>	
AGBR	<i>brachyphyllum</i>		AGSP3	<i>spicatum</i>	Bearded bluebunch wheatgrass
AGCA	<i>caespitosum</i>			<i>spicatum</i>	
AGCA2	<i>caninum</i>	Bearded wheatgrass	AGSPI	<i>spicatum inerme</i>	Beardless bluebunch wheatgrass
AGCI	<i>ciliatiflorum</i>		AGSPP	<i>spicatum pubescens</i>	Hairy bluebunch wheatgrass
AGCO	<i>compactum</i>		AGSUS	<i>subsecundum</i>	Bearded subsecundum wheatgrass
AGCR	<i>cristatum</i>	Fairway wheatgrass	AGSUA	<i>subsecundum andinum</i>	Alpine bearded wheatgrass
AGDA	<i>dasystachyum</i>	Thickspike wheatgrass	AGTR	<i>trachycaulum</i>	Slender wheatgrass
AGDE2	<i>desertorum</i>	Crested or Desert wheatgrass	AGTR2	<i>trichophorum</i>	Stiffhair or Pubescent wheatgrass
AGEL	<i>elmeri</i>	Elmer wheatgrass	AGTR3	<i>triticeum</i>	Annual wheatgrass
AGEL2	<i>elongatiforme</i>		AGRO2	<i>Agrostis</i> spp.	Bentgrass
AGEL3	<i>elongatum</i>	Tall wheatgrass	AGAL	<i>alba</i>	(see <i>A. gigantea</i>)
AGGL2	<i>glaucum</i>		AGBO	<i>borealis</i>	Arctic bentgrass
AGGR2	<i>griffithsii</i>	Griffiths wheatgrass	AGCA3	<i>castellana</i>	Castille bentgrass
AGINI	<i>intermedium intermedium</i>	Intermediate wheatgrass	AGDI	<i>diegoensis</i>	Thingrass
AGINA	<i>intermedium amurense</i>	Amur wheatgrass	AGGI2	<i>gigantea</i>	Redtop
AGJU	<i>junceum</i>	Rushleaf quackgrass	AGEX	<i>exarata</i>	Spike bentgrass
AGKO	<i>kosanini</i>		AGHI	<i>hiemalis</i>	Winter bentgrass
AGLA	<i>latiglume</i>	Subalpine wheatgrass	AGHU	<i>humilis</i>	Alpine bentgrass
AGLI	<i>littorale</i>		AGID	<i>idahoensis</i>	Idaho redtop
AGLO	<i>lolioides</i>		AGLE	<i>lepida</i>	Sequoia bentgrass
AGOB	<i>obtusinsculum</i>		AGMI	<i>microphylla</i>	Smallleaved bentgrass
AGPS	<i>pseudorepens</i>	False quackgrass	AGOR	<i>oregonensis</i>	Oregon bentgrass
AGPU	<i>pungens</i>	Stiffleaf quackgrass	AGPA	<i>palustris</i>	Creeping bentgrass
AGRE2	<i>repens</i>	Quackgrass	AGRO	<i>rossae</i>	Ross redtop
AGRI	<i>riparium</i>	Streambank wheatgrass	AGSC2	<i>scabra</i>	Rough bentgrass
AGSA	<i>saxicola</i>	Foxtail wheatgrass			
AGSA2	<i>saundersii</i>	Saunders wheatgrass			
AGSC	<i>scribneri</i>	Scribner wheatgrass			

GRASSES		
BROMU	Bromus spp. (con.)	
BRCOA	commutatus	
BRER	apricorum	Sunshine brome
BRFI	erectus	Meadow brome
BRFR2	fibrosus	
BRHA	frondosus	Weeping brome
BRIN	haenkeanus	
BRJAJ	inermis	Smooth brome
BRJAP	japonicus	Japanese chess
	japonicus	
	porrectus	
BRLA	lanatipes	Nodding brome
	(anomalus)	
BRMA	marginatus	Big mountain brome
BRMO	mollis	Soft chess
BROR	orcuttianus	Orcutt brome
BRPA	paniculatus	
BRPO	polyanthus	Foothill brome
BRPO2	porteri	Nodding brome
BRPUP	pumpellianus	
	pumpellianus	Pumpelly brome
BRPUT	pumpellianus	Pumpelly tweedy brome
	tweedyi	
BRAA	ramosus	Bald brome
BRR1	richardsonii	Fringed brome
BRR1R	rigidus	
	rigidus	Ripgut brome
BRRIG	rigidus	Longarm ripgut brome
	gussonei	
BRR12	riparius	
BRRU	rubens	Foxtail brome
BRSC	scoparius	Broom brome
BRSE	secalinus	Chess brome
BRSI	sitchensis	Alaska brome
BRST	stamineus	Harlan brome
BRST2	sterilis	Poverty brome
BRSY2	syriacus	
BRTE1	tectorum	
BRTE2	tectorum	Cheatgrass brome
BRTEG	tectorum	
	glabratus	Cheatgrass brome
BRTO	tomentellus	Subalpine brome
BRTR	trinii	Chilean chess
BRUN	unioloides	Rescue brome
BRVU	vulgaris	Columbia brome
BRWI	willdenowii	Rescue grass (catharticus)
CALAM	Calamagrostis spp.	
- CACA9	californica	Sierra reedgrass
CACAC	canadensis	Bluejoint reedgrass
CACAM	canadensis	Macoun bluejoint reedgrass
	macouniana	
CAEP	epigeios	Chee reedgrass

GRASSES		
CALAM	Calamagrostis spp. (con.)	
CAIN	inexpansa	Northern reedgrass
CAKO	koelerioides	Fireweed
CAMO	montanensis	Plains reedgrass
CANE	neglecta	Slimstem reedgrass
CAPU	purpura-ascens	Purple pinegrass
CARU	rubescens	Pinegrass
CASC	scopulorum	Jones reedgrass
CASC2	scribneri	Scribner reedgrass
CATW	tweedyi	Cascade reedgrass
CALA2	Calamovilfa spp.	Sandreed
CAGI	gigantea	Big sandreed
CALO	longifolia	Prairie sandreed
CATAB	Catabrosa spp.	Brookgrass
CAAQ	aquatica	Brookgrass
CENCH	Cenchrus spp.	Sandbur
CEPA	pauciflorus	Field sandbur
CHLOR	Chloris spp.	Windmillgrass
CHVE	verticillate	Tumble windmillgrass
CHVI2	virgata	Feather windmillgrass
CINNA	Cinna spp.	Woodseed
CILA	latifolia	Drooping woodseed
CYNOD	Cynodon spp.	Bermuda grass
CYDA	dactylon	Bermuda grass
CYNOS	Cynosurus spp.	Dogtail
CYCR	cristatus	Crested dogtail
DACTY	Dactylis spp.	Orchardgrass
DAGL	glomerata	Orchardgrass
DANTH	Danthonia spp.	Danthonia
DACAC	californica	California danthonia
	californica	
DACAA	californica	Hairy californica danthonia
	americana	
DAIN	intermedia	Timber danthonia
DAPA2	parryi	Parry danthonia
DASP	spicata	Poverty danthonia
DAUN	unispicata	Onespike danthonia

GRASSES		
AGRO2	Agrostis spp. (con.)	
AGSE2	semiverticillata	Water bentgrass
AGST	stolonifera	Carpet bentgrass
AGTE	tenuis	Colonial bentgrass
AGTH	thurberiana	Thurber bentgrass
AGVA	variabilis	
ALOPE	Alopecurus spp.	
ALAE	aequalis	Shortawn foxtail
ALAL	alpinus	Alpine foxtail
ALAR	arundinaceus	Reed foxtail
ALCA3	carolinianus	Carolina foxtail
ALGE3	geniculatus	Water foxtail
ALPA3	pallescens	Washington foxtail
ALPR	pratensis	Meadow foxtail
ANDRO	Andropogon spp.	
ANBA	barbinodis	Cane bluestem
ANGE	gerardi	Big bluestem
ANGL	glomeratus	Bush bluestem
ANHA	hallii	Sand bluestem
ANHI	hirtiflorus	Santa Fe bluestem
ANSA	saccharoides	Silver bluestem
ANSC	scoparius	(see Schizachyrium)
ARIST	Aristida spp.	
ARAD	adscensionis	Three-awn Sixweek three-awn
ARAR2	arizonica	Arizona three-awn
ARDI	divaricata	Poverty three-awn
ARFE	fendleriana	Fendler three-awn
ARGL	glauca	Blue three-awn
ARHA	hamulosa	Mesa three-awn
ARL0L	longiseta	Red three-awn
ARLOR	longiseta	
	rariflora	
ARLO3	longiseta	
	robusta	
AROL	oligantha	Prairie three-awn
ARPA6	parishii	Parish three-awn
ARPU4	purpurea	Purple three-awn
ARWR	wrightii	Wright three-awn
ARRHE	Arrhenatherum spp.	
AREL	elatius	Oatgrass Tall oatgrass

GRASSES		
AVENA	Avena spp.	
AVBA	barbata	Oat Slender oat
AVBR	bromoides	
AVFAF	fatua fatua	Wildoat
AVFAG	fatua	
	glabreta	
AVFI	filifolia	
AVSA	sativa	Common oat
BECKM	Beckmannia spp.	Sloughgrass
BESY	syzigachne	American sloughgrass
BLEPH	Blepharidachne spp.	Desertgrass
BLKI	kingii	King desertgrass
BLEP3	Blepharoneuron spp.	Dropseed or Pinegrass
BLTR	tricholepis	Pine dropseed
BOUTE	Bouteloua spp.	Gramma
BOAR	aristoides	Needle grama
BOBA	barbata	
	(rothrockii)	Sixweeks grama
BOCU	curtipendula	Sideoats grama
BOER	eripoda	Black grama
BOGR	gracilis	Blue grama
BOHI	hirsuta	Hairy grama
BOSI2	simplex	Mat grama
BOTR	trifida	Red grama
BOUN	uniflora	Neally grama
BRACH	Brachypodium spp.	Falsebrome
BRDI	distachyon	Purple falsebrome
BRPH	phoenicoides	
BRPI	pinnatum	Japanese falsebrome
BRSY	sylvaticum	Slender falsebrome
BROMU	Bromus spp.	
BRAR	arenarius	Australian chess
BRAR2	arizonicus	Arizona brome
	(carinatus)	
BRAR3	arvensis	Field brome
BRBA	barcensis	
BRBI	biebersteinii	Regar brome
BRBR2	breviaristatus	Slimleaf brome
BRBR	brizaeformis	Rattlesnake brome
BRCA	carinatus	Mountain brome
BRCI	ciliatus	Fringed brome
BRCOC	commutatus	Hairy brome
	commutatus	

GRASSES		
DESCH	Deschampsia spp.	Hair-grass
DEAT	atropurpurea	Mountain hair-grass
DECA	caespitosa	Tufted hair-grass
DEDA	danthonioides	Annual hair-grass
DEEL	elongata	Slender hair-grass
DIGIT	Digitaria spp.	Crabgrass or Fingergrass
DIIS	ischaemum	Smooth crabgrass
DISA	sanguinalis	Hairy crabgrass
DISTI	Distichlis spp.	Saltgrass
DIDE	dentata	Little saltgrass
DISPD	spicata	Seashore saltgrass
DISPS	spicata stricta	Inland saltgrass
ECHI3	Echinochloa	Cockspur Barnyardgrass
ECCRC	crusgalli	Barnyard grass
ECCRM	crusgalli mitis	Beardless barnyardgrass
ECCRZ	crusgalli zelayensis	Alkali barnyardgrass
ELEUS	Eleusine spp.	Goosegrass
ELTN	indica	Goosegrass
ELYMU	Elymus spp.	Wildrye
ELAFA	affinis agolignoides	
ELAMA	ambiguus	Colorado wildrye
ELAMS	ambiguus strigosus	Hairyscale Colorado wildrye
ELAN2	angustus	Alti wildrye
ELAR	arenicola	Sand wildrye
ELAR2	aristatus	Purple wildrye
ELCA	canadensis	Canada wildrye
ELCH	chinensis	Chinese wildrye
ELCI	cinereus	Great Basin wildrye
ELCO	condensatus	Giant wildrye
ELDA	dahuricus	Dahurian wildrye
ELFL	flavescens	Yellow wildrye
ELGI	giganteus	Mammoth wildrye

GRASSES		
ELYMU	Elymus spp. (con.)	
ELGLG	glaucus	Blue wildrye
ELGLJ	glaucus jepsoni	Jepson wildrye
ELJUU	junceus	Russian wildrye
ELJUV	junceus vinall	
ELMO2	mollis	Common dune wildrye
ELSA2	sabulosus	Sabulosa wildrye
ELSA	salina	Salina wildrye
ELTR	triticoides	Creeping wildrye
ELPU3	pubescens	Hairy leaf creeping wildrye
ELSI3	simplex	Low creeping wildrye
ELVI	virginicus	Virginia wildrye
ENNEA	Enneapogon spp. (Pappophorum)	Spike pappusgrass
ENDI	desvauxii	Spike pappusgrass
ERAGR	Eragrostis spp.	Lovegrass
ERAL3	alba	Lovegrass
ERBA	barrelieri	Mediterranean lovegrass
ERCI2	cilianensis	Stinkgrass
ERCU	curvula	Weeping lovegrass
ERDI	diffusa	Spreading lovegrass
ERHY	hypnoides	Teal lovegrass
ERLU	lutescens	Sixweeks lovegrass
ERME	megastachya	
ERNE	neomexicana	New Mexico lovegrass
EROR	orcuttiana	Orcutt lovegrass
EROX	oxylepis	
ERPE3	pectinacea	Carolina lovegrass
ERPI2	pilosa	Indian lovegrass
ERTR	trichodes	Sand lovegrass
FESTU	Festuca spp.	Fescue
FEAM	ampla	
FEAR	arida	Desert fescue
FEAR2	arizonica	Arizona fescue
FEAR3	arundinacea	Reed fescue, Alta fescue
FEDA	dasyclada	Utah fescue

GRASSES		
FESTU	Festuca spp. (con.)	
FEEL	elatior	Meadow fescue
FEGI	gigantea	Giant fescue
FEGR	grayii	
FEID	idahoensis	Idaho fescue
FEKR	kronenbergii	
FEMA	maireir	Maires fescue
FEME	megalura	Foxtail fescue
FEMY	myuros	Rattail fescue
FEOC2	occidentalis	Western fescue
FEOVO	ovina ovina	Sheep fescue
FEOVb	ovina brachyphylla	Alpine fescue
FEODV	ovina duriuscula	Hard sheep fescue
FEOVs	ovina sulcata	Sulcata sheep fescue
FEPA	pacifica	Pacific fescue
FERE	reflexa	Twoflower fescue
FERUR	rubra rubra	Red fescue
FERUL	rubra lanuginosa	Hairyscale red fescue
FESC	scabrella	Rough fescue
FESO	sororia	Ravine fescue
FESP	spectabilis	
FESU	subulata	Bearded fescue
FETH	thurberi	Thurber fescue
FEVI	viridula	Greenleaf fescue
GLYCE	Glyceria spp.	Mannagrass
GLBO	borealis	Northern mannagrass
GLDE	declinata	
GLEL	elata	Tall mannagrass
GLGR	grandis	American mannagrass
GLOC	occidentalis	Northwestern mannagrass
GLST	striata	Fowl mannagrass
HELIC	Helictotrichon spp.	Alpine oat
HEMO	mortonianum	Morton alpine oat
HESP2	Hesperochloa spp.	Spikefescue
HEKI	kingii	Spikefescue
HETE2	Heteropogon spp.	Tanglehead
HECO3	contortus	Tanglehead
HIERO	Hierochloa spp.	Sweetgrass
HIOD	odorata	Sweetgrass

GRASSES		
HILAR	Hilaria spp.	Galleta
HIBE	belangeri	Curleymesquite
HIJA	jamesii	Galleta
HIRI	rigida	Big galleta
HOLCU	Holcus spp.	Velvetgrass
HOLA	lanatus	Common velvetgrass
HORDE	Hordeum spp.	Barley
HOBR	brachyantherum	Meadow barley
HOBu	bulbosum	Bulbous barley
HOHY	hystrix	Mediterranean barley
HOJUJ	jubatum	Foxtail barley
HOJUC	jubatum caespitosum	Bottail barley
HOLE	leporinum	Rabbit barley
HOPU2	pusillum	Little barley
HOPUP	pusillum pubens	
HOST	stebbinsii	Stebbins barley
HOVUVU	vulgare vulgare	Beardless barley
HOVUT	vulgare trifurcatum	
IMPER	Imperata spp.	Satintail
IMBR	brevifolia	California satintail
KOELE	Koeleria spp.	Koeleria
KOCR	cristata	Prairie junegrass
KOVA	vallesiana	
LEERS	Leersia spp.	Cutgrass
LEOR	oryzoides	Rice cutgrass
LEPTO	Leptochloa spp.	Sprangletop
LEFA	fascicularis	Bearded sprangletop
LEFI	filiformis	Red sprangletop
LEUN	uninervia	Mexican sprangletop
LOLIU	Lolium spp.	Ryegrass
LOMJ	multiflorum	Italian ryegrass
LOPE	perenne	Perennial ryegrass
LORE	remotum	Hardy ryegrass
LORI	rigidum	Swiss ryegrass
LOTE	temulentum	Darnel ryegrass

GRASSES		
LYCUR	Lycurus spp.	Wolftail
LYPH	phleoides	Wolftail
MELIC	Melica spp.	Melic, oniongrass
MEBU	bulbosa	Oniongrass
MECI2	ciliata	Silkyspike melic
MECU	cupani	
MEFR	frutescens	Woody melic
MEFU	fugax	Little oniongrass
MEPO2	porteri	Porter melic
MESM	smithii	Smith melic
MESP	spectabilis	Showy oniongrass
MEST	stricta	Rock melic
MESU	subulata	Alaska oniongrass
MUHLE	Muhlenbergia spp.	Muhly
MUAN	andina	Foxtail muhly
MUAR	arsenei	Navajo muhly
MUAS	asperifolia	Alkali muhly
MUCU	curtifolia	Utah muhly
MUDE	depauperata	Sixweeks muhly
MUF12	filiculmis	Slimstem muhly
MUF1	filiformis	Pullup muhly
MUJO	jonesii	Modoc muhly
MULO	longiligula	Longtongue muhly
MUME	mexicana	Wirestem muhly
MUMI2	microsperma	Little seed muhly
MUMI	minutissima	Annual muhly
MUMO2	monesii	Modoc muhly
MUMO	montana	Mountain muhly
MUMO2	monticola	Mesa muhly
MUMU	mundula	Johnson muhly
MUPA	pauciflora	New Mexican muhly
MUPO	polycaulis	Cliff muhly
MUPO	porteri	Bush muhly
MUPU	pungens	Sandhill muhly
MURA	racemosa	Green muhly
MURE	repens	Red muhly
MURI	richardsonis	Mat muhly
MUTH	thurberi	Thurber muhly
MUTO	torreyi	Ring muhly
MUUT	utilis	Aparejo grass
MUWO	wolfii	Wolf muhly
MUWR	wrightii	Spike muhly
MUNRO	Munroa spp.	False buffalograss
MUSQ2	squarrosa	False buffalograss
ORYZO	Oryzopsis spp.	Ricegrass
ORAS	asperifolia	Roughleaf ricegrass
ORBL	bloomeri	Bloomers ricegrass
OREX	exigua	Little ricegrass
ORHYH	hymenoides	
	hymenoides	Indian ricegrass
ORHYC	hymenoides contracta	

GRASSES		
ORYZO	Oryzopsis spp. (con.)	
ORMI	micrantha	Littleseed ricegrass
		Smillograss
ORMI2	miliacea	
ORPA	paradoxa	
ORSW	swallenii	
ORWE	webberi	Webber ricegrass
PANIC	Panicum spp.	Witchgrass
PABUB	bulbosus	
	bulbosus	Bulb panicum
PABUM	bulbosus minus	
PACA	capillare	Common witchgrass
PADI	dichotomiflorum	Fall panicum
PAFL	flexile	
PAHA	hallii	Halls panicum
PAHI	hirticaule	Roughstalk witchgrass
PAHUH	huachucae	Huachuca panicum
PAHUF	huachucae fasciculatum	
PALE	lepidulum	
PAMI	miliaceum	Broomcorn millet
PAOB	obtusum	Vine-mesquite
PAOC	occidentale	
PAPA	pacificum	Pacific panicum
PASC	scribnerianum	Scribner panicum
PASW	swallenii	
PATE	tennesseense	Tennessee panicum
PATH	thermale	Hotsprings panicum
PAVI	virgatum	Switchgrass
PAWE	webberi	Webber ricegrass
PASPA	Paspalum spp.	
PADI2	dilatatum	Dallis grass
PADI3	distichum	Knotgrass
PENNI	Pennisetum spp.	
PEPU	purpureum	Napiergrass
PHALA	Phalaris spp.	Canarygrass
PHAQ	aquatica	
PHAR	arundinacea	Reed canarygrass
PHCA4	caroliniana	Carolina canarygrass

GRASSES		
PHALA	Phalaris spp. (con.)	
PHCO2	coerulescens	Sunol canarygrass
PHLEU	Phleum spp.	Timothy
PHAL	alpinum	Alpine timothy
PHBO	boehmeri	
PHIR	iranicum	
PHMO	montanum	
PHNO	nodosum	
PHPA3	paniculatum	British timothy
PHPH	phleoides	Dryland timothy
PHPR	pratense	Timothy
PHRAG	Phragmites spp.	Reed
PHCO4	communis	Common reed
POA	Poa spp.	Bluegrass
POAL	alpina	Alpine bluegrass
POAM	ampla	Big bluegrass
POAN3	annua	Annual bluegrass
POAR2	arctica	Arctic bluegrass
POAR	arida	Plains bluegrass
POB12	bigelovii	Bigelow bluegrass
POBO	bolanderi	Bolander bluegrass
POBU	bulbosa	Bulbous bluegrass
POCA	canbyi	Canby bluegrass
POCO	compressa	Canada bluegrass
POCU2	curta	Wasatch bluegrass
POCU	cusickii	Cusick bluegrass
POEP	epilis	Skyline bluegrass
POFE	fendleriana	Mutton bluegrass
POGL2	glaucifolia	Pale leaf bluegrass
POGR	gracillima	Slender bluegrass
POIN2	incurva	
POIN	interior	Inland bluegrass
POJU	juncifolia	Alkali bluegrass
POLE	leibergii	Leiberg bluegrass
POLE2	leptocoma	Bog bluegrass
POLE3	lettermani	Letterman bluegrass
POLO	longiligula	Longtongue muttongrass
POMA	macroclada	
PONE3	nemoralis	Wood bluegrass
PONE2	nervosa	Wheeler bluegrass
PONE	nevadensis	Nevada bluegrass
POPA	palustris	Fowl bluegrass
POPA2	pattersoni	Patterson bluegrass
POPR	pratensis	Kentucky bluegrass
POPR2	pringlei	Pringle bluegrass
PORE	reflexa	Nodding bluegrass
PORU	rupicola	Timberline bluegrass
POSC	scabrella	Pine bluegrass

GRASSES		
POA	Poa spp. (con.)	
POSE	secunda (sandbergii)	Sandberg bluegrass
POST	stenantha	Trinius bluegrass
POSU	suksdorfii	Suksdorfs bluegrass
POTR2	trivialis	Roughstal bluegrass
POVA	vaseyochloa	Oregon bluegrass
POVI	violacea	
POLY4	Polypogon spp.	Polypogon
POIN3	interruptus	Ditch polypogon
POMO	monspeliensis	Rabbitfoot polypogon
POVI3	violacea	
PUCCI	Puccinellia spp.	Alkaligrass
PUAI	airoides	Nuttall alkaligrass
PUDI	distans	Weeping alkaligrass
PUFA	fasciculata	Torrey alkaligrass
PULE	lemmonii	Lemon alkaligrass
PUPA	parishii	Parish alkaligrass
REDFI	Redfieldia spp.	Blowoutgrass
REFL	flexuosa	Blowoutgrass
SCHED	Schedonnardus spp.	Tumblegrass
SCPA	paniculatus	Tumblegrass
SCHIS	Schismus spp.	
SCAR	arabicus	Arabian mediterranean-grass
SCBA	barbatus	Mediterranean-grass
SCHIZ	Schizachyrium spp. (Andropogon)	Little bluestem
SCSCS	scoparius	Little bluestem
SCSCN	scoparius neomexicanus	
SCHLER	Schlerochloa spp.	Hardgrass
SCDU	dura	

GRASSES

<u>SCLE2</u>	<u>Sclereropogon</u> spp.	Burrograss
<u>SCBR</u>	<u>brevifolius</u>	Burrograss
<u>SCOLO</u>	<u>Scolochloa</u> spp.	Rivergrass
<u>SCFE</u>	<u>festucacea</u>	Rivergrass
<u>SECAL</u>	<u>Secale</u> spp.	Rye
<u>SEAN</u>	<u>antoliemum</u>	
<u>SECE</u>	<u>cereale</u>	Winter rye
<u>SEMO</u>	<u>montanum</u>	Mountain rye
<u>SETAR</u>	<u>Setaria</u> spp.	Bristlegrass
<u>SEGL</u>	<u>glauca</u>	Yellow bristlegrass
<u>SEGR</u>	<u>grisebachii</u>	Grisebach bristlegrass
<u>SEMA</u>	<u>macrostachya</u>	Plains bristlegrass
<u>SEVE2</u>	<u>verticillata</u>	Hooked bristlegrass
<u>SEVI</u>	<u>viridis</u>	Green bristlegrass
<u>SITAN</u>	<u>Sitanion</u> spp.	Squirreltail
<u>SIHA</u>	<u>hanseni</u>	Hansen squirreltail
<u>SIHO</u>	<u>hordeoides</u>	
<u>SIHYH</u>	<u>hystrix</u>	Bottlebrush squirreltail
<u>SIHYC</u>	<u>hystrix</u>	
	<u>californicum</u>	
<u>SIJU</u>	<u>jubatam</u>	Big squirreltail
<u>SILO</u>	<u>longifolium</u>	Longleaf squirreltail
<u>SORGH</u>	<u>Sorghastrum</u> spp.	Indiangrass
<u>SONU</u>	<u>nutans</u>	Yellow Indiangrass
<u>SORG2</u>	<u>Sorghum</u> spp.	Sorghum
<u>SOHA</u>	<u>halepense</u>	Johnson grass
<u>SOSU</u>	<u>sudanense</u>	Sudangrass
<u>SOVU</u>	<u>vulgare</u>	Sorghum sudangrass
<u>SPART</u>	<u>Spartina</u> spp.	Cordgrass
<u>SPGR2</u>	<u>gracilis</u>	Alkali cordgrass
<u>SPPE</u>	<u>pectinata</u>	Prairie cordgrass
<u>SPHEN</u>	<u>Sphenopholis</u> spp.	Wedgescale
<u>SPIN2</u>	<u>intermedia</u>	Slender wedgescale
<u>SPOB</u>	<u>obtusata</u>	Prairie wedgescale
<u>SPORO</u>	<u>Sporobolus</u> spp.	Dropseed
<u>SPAIA</u>	<u>airoides</u>	
	<u>airoides</u>	Alkali sacaton
<u>SPAIW</u>	<u>airoides</u>	Sacaton
	<u>wrightii</u>	
<u>SPAS</u>	<u>asper</u>	Tall dropseed

GRASSES

<u>SPORO</u>	<u>Sporobolus</u> spp. (con.)	
<u>SPCO</u>	<u>contractus</u>	Spike dropseed
<u>SPCR</u>	<u>cryptandrus</u>	Sand dropseed
<u>SPFL</u>	<u>flexuosus</u>	Mesa dropseed
<u>SPGI</u>	<u>giganteus</u>	Giant dropseed
<u>SPIN3</u>	<u>interruptus</u>	Black dropseed
<u>SPNE2</u>	<u>nealleyi</u>	Gypgrass
<u>SPNE</u>	<u>neglectus</u>	Puffsheath dropseed
<u>SPPU</u>	<u>pulvinatus</u>	Cushion dropseed
<u>SPTA</u>	<u>texanus</u>	Texanus dropseed
<u>STIPA</u>	<u>Stipa</u> spp.	Needlegrass
<u>STAR</u>	<u>arida</u>	Mormon needlegrass
<u>STCA</u>	<u>californica</u>	Pacific needlegrass
<u>STCO2</u>	<u>columbiana</u>	Subalpine needlegrass
<u>STCO3</u>	<u>comata</u>	Needle-and-thread
	<u>comata</u>	
<u>STCOI</u>	<u>comata</u>	
	<u>intermedia</u>	
<u>STCOC</u>	<u>coronata</u>	Crested needlegrass
	<u>coronata</u>	
<u>STCOD</u>	<u>coronata</u>	Small crested needlegrass
	<u>depauperata</u>	
<u>STEL</u>	<u>elmeri</u>	Elmer needlegrass
<u>STLE2</u>	<u>lemmoni</u>	Lemon needlegrass
<u>STLE</u>	<u>lettermani</u>	Letterman needlegrass
<u>STNE</u>	<u>neomexicana</u>	New Mexico feathergrass
<u>STOC</u>	<u>occidentalis</u>	Western needlegrass
<u>STPI</u>	<u>pinetorum</u>	Pinewoods needlegrass
<u>STRO2</u>	<u>robusta</u>	Sleepygrass
<u>STSC</u>	<u>scribneri</u>	Scribner needlegrass
<u>STSP2</u>	<u>speciosa</u>	Desert needlegrass
<u>STTH</u>	<u>thurberiana</u>	Thurber needlegrass
<u>STVI</u>	<u>viridula</u>	Green needlegrass
<u>STWE</u>	<u>webberi</u>	Webbers needlegrass
<u>STWI</u>	<u>williamsii</u>	Williams needlegrass
<u>TAENI</u>	<u>Taeniatherum</u>	
	spp.	
<u>TACA</u>	<u>caput</u>	Medusahead
	<u>-medusae</u>	
<u>TORRE</u>	<u>Torreyochloa</u>	Falsemannna
	spp.	
<u>TOER</u>	<u>erecta</u>	Spike falsemannna
<u>TOPA</u>	<u>pauciflora</u>	Weak falsemannna

GRASSES

<u>TRAGU</u>	<u>Tragus</u> spp.	Burgrass
<u>TRBE</u>	<u>berteronianus</u>	Spike burgrass
<u>TRICH</u>	<u>Trichachne</u> spp.	Cottontop
<u>TRCA</u>	<u>californica</u>	Arizona cottontop
<u>TRIDE</u>	<u>Tridens</u> spp.	Tridens
<u>TREL</u>	<u>elongatus</u>	Rough tridens
<u>TRMU</u>	<u>muticus</u>	Slim tridens
<u>TRPI2</u>	<u>pilosus</u>	Hairy tridens
<u>TRPU</u>	<u>pulchellus</u>	Fluffgrass
<u>TRISE</u>	<u>Trisetum</u> spp.	Trisetum
<u>TRCA4</u>	<u>canescens</u>	Tall trisetum
<u>TRCE</u>	<u>cernuum</u>	Nodding trisetum
<u>TRMO3</u>	<u>montanum</u>	Rocky Mountain trisetum
<u>TRSP</u>	<u>spicatum</u>	Spike trisetum
<u>TRWO</u>	<u>wolfi</u>	Wolfs trisetum
<u>TRITI</u>	<u>Triticum</u> spp.	Wheat
<u>TRAE</u>	<u>aestivum</u>	Wheat
<u>TRDU3</u>	<u>durum</u>	Durum wheat
<u>VULPI</u>	<u>Vulpia</u> spp. (Festuca)	Sixweeks fescue
<u>VUOCO</u>	<u>octoflora</u>	Sixweeks fescue
	<u>octoflora</u>	
<u>VUOCH</u>	<u>octoflora</u>	
	<u>hirtella</u>	
<u>VUOCT</u>	<u>octoflora</u>	
	<u>tenella</u>	
<u>ZEA</u>	<u>Zea</u> spp.	Corn
<u>ZEMA</u>	<u>mays</u>	Maize, Indian corn

GRASSLIKE PLANTS		
Alpha code	Scientific name	Common name
BULBO	Bulbostylis spp.	
BUCA	capillaris	
CAREX	Carex spp.	Sedge
CAAB	ablata	Serrate sedge
CAAB2	aboriginum	
CAAB3	abrupta	Abruptbeak sedge
CAAL	albo-nigra	Black and white sedge
CAAL2	alma	
CAAM2	amplifolia	Bigleaf sedge
CAAN2	angustior	Narrowleaf sedge
CAAP	aperta	
CAAQ2	aquatilis	Water sedge
CAAR4	arapahoensis	Arapaho sedge
CAAR2	arcta	
CAAR3	arctogena	
CAAT	atherodes	
CAAT2	athrostachya	Slenderbeak sedge
CAAT3	atrata	Black sedge
CAAT	atrata	Black sedge
CAATC	atrosquama	
CAATE	atrata	
CAAT4	atrata	
CAAU2	aurea	Golden sedge
CABA	backii	
CABE2	bebbii	Beautiful sedge
CABE3	bella	Showy sedge
CABI	bigelovii	Bigelow sedge
CABI2	bipartita	
CABO	bolanderi	Bolander sedge
CABR2	brevior	
CABR3	brevipes	Shortstemmed sedge
CABR5	breweri	
CABR4	brunnescens	Brownish sedge
CABU3	buxbaumii	Buxbaum sedge
CACA2	californica	California sedge
CACA3	canescens	Pale sedge
CACA4	capillaris	Hairlike sedge
CACAS	capitata	
CACH	chalciolepis	
CACO2	comosa	
CACO3	concinnoides	Northwestern sedge
CACR3	crawei	
CACR2	crawfordii	Crawford sedge
CACU	cusickii	Cusick sedge
CADE	deweyana	Dewey sedge
CADI	diandra	Lesserpanicled sedge

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GRASSLIKE PLANTS		
Alpha code	Scientific name	Common name
CAREX	Carex spp. (con.)	
CADIG	dioica	
CADI2	gynocrates	Softleaved sedge
CADO	disperma	
CADR2	douglasii	Douglas sedge
CADR2	drummondiana	
CAEB	ebenea	Ebony sedge
CAEG	egglestonii	Eggleston sedge
CAEL	eleocharis	Needleleaf sedge
CAEL3	elynoides	Blackroon sedge
CAEN	engelmannii	Engelmann sedge
CAEP2	epapillosa	Smoothfruit sedge
CAEU	eurycarpa	Widefruit sedge
CAEX	exserta	Shorthair sedge
CAEX2	exsiccata	Columbia sedge
CAFE	festivella	Ovalhead sedge
CAFE2	feta	
CAFI	filifolia	Threadhead sedge
CAFI2	fissuricola	
CAFL2	flava	Yellow sedge
CAFO	foenea	Silvertop sedge
CAFOV	foetida	
CAGA	vernacula	
CAGA	garberi	Garber sedge
CAGE2	geophila	Dryland sedge
CAGE	geyeri	Elk sedge
CAGY	gynocrates	Bog sedge
CAHA	hallii	Hall sedge
CAHA2	hassei	
CAHA3	haydeniana	Cloud sedge
CAHE3	heliophila	Sun sedge
CAHE4	helleri	
CAHE5	hepburnii	Hepburn sedge
CAHE6	heteroneura	
CAHO2	hoodii	Hood sedge
CAHO3	hookerana	Hooker sedge
CAHY	hystriciana	Bottlebrush sedge
CAID	idaho	
CAIL	illota	Sheep sedge
CAIN3	integra	Smoothbeak sedge
CAIN4	interior	Inland sedge
CAJE	jepsonii	
CAJO	jonesii	Jones sedge
CAKE2	kelloggii	Kellogg sedge
CALA	laeviculmis	Smoothstem sedge
CALA2	lanuginosa	Woolly sedge
CALA3	lasiocarpa	Woolfruit sedge
CALE7	lenticularis	
CALE4	leporinella	Sierrahare sedge
CALE5	leptalea	Bristlestalked sedge
CALE6	leptopoda	Shortscale sedge
CALI4	limophila	

GRASSLIKE PLANTS		
Alpha code	Scientific name	Common name
CAREX	Carex spp. (con.)	
CALI3	limosa	Mud sedge
CALI2	livida	Livid sedge
CALU	luzulaefolia	
CALU2	luzulina	Wingseed sedge
CAMA	mariposiana	
CAME	media	
CAMI	microptera	Smallwing sedge
CAMI3	misandra	Shortleaved sedge
CAMI4	miserabilis	
CAMO3	montanensis	Montana sedge
CAMU	multicaulis	
CAMU2	multicostata	Manyrib sedge
CAMU3	muricata	
CANA	nardina	
CANE2	nebraskensis	Nebraska sedge
CANE3	nelsonii	
CANE4	nervina	
CANES	neurophora	Alpinenerved sedge
CANI2	nigricans	Black alpine sedge
CANO2	norvegica	
CANO	nova	
CAOB	obtusata	Obtuse sedge
CAOC2	occidentalis	Western sedge
CADEV	oederi	
CAPA5	viridula	
CAPA5	pachystachya	Chamisso sedge
CAPA7	parryana	
CAPA6	paupercula	
CAPA8	pausonis	
CAPE2	pelocarpa	
CAPE3	perglobosa	Mt. Baldy sedge
CAPE	petasata	Liddon sedge
CAPH	phaeocephala	Dumhead sedge
CAPH2	physocarpa	
CAPI	pityophila	
CAPL	platylepis	
CAPO	podocarpa	Shortstalk sedge
CAPR2	praeceptorum	
CAPR	praegracilis	Silver sedge
CAPR3	praticola	Meadow sedge
CAPR4	preslii	Presl sedge
CAPR5	proposita	
CAPS	pseudo-scirpoidea	
CAPY	pyrenaica	Pyrenean sedge
CARA2	raynoldsii	Raynolds sedge
CARE	retrorsa	Knotsheath sedge
CARO	rossii	Ross sedge
CARO4	rostrata	Beaked sedge
CARU3	rupestris	Rock sedge
CARU2	rusbyi	Rusby sedge
CASA2	saximontana	Rocky Mountain sedge
CASA3	saxatilis	
CASAC	scirpoidea	
	curatorum	

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GRASSLIKE PLANTS		
Alpha code	Scientific name	Common name
CAREX	Carex spp. (con.)	
CASAP	scirpoidea	
	pseudo-scirpoidea	
CASAS	scirpoidea	
	stenochlaena	
CASC3	scopulorum	Cliff sedge
CASH	sheldonii	Sheldon sedge
CASI3	siccata	Silvertop sedge
CASI	simulata	Analogne sedge
CASI2	sitchensis	Sitka sedge
CASP	specifica	
CASP2	spectabilis	Showy sedge
CAST4	stenophylla	
CAST2	stipata	Prickly sedge
CAST3	straminiformis	Shasta sedge
CASU3	subfusca	
CASU2	subnigricans	
CATE	teneraeformis	Sierraslim sedge
CATO	tolmiei	Tolmie sedge
CATR2	tracyi	Tracy sedge
CAVA	vallicola	Valley sedge
CAVE2	vernacula	Alpine black-headed sedge
CAVE3	vesicaria	Blister sedge
CAVI	viridula	Green sedge
CAVU	vulpinoidea	Fox sedge
CAXE	xerantica	
CLADI	Cladium spp.	Saw-grass
CLMAC	mariscus var. californicum	
CYPER	Cyperus spp.	Flat-sedge
CYAC2	acuminatus	Taperleaf flat-sedge
CYAR	aristatus	Bearded flat-sedge
CYER	erythrorhizos	Redroot flat-sedge
CYES	esculentus	Chufa flat-sedge
CYFE2	fendlerianus	Fendler flat-sedge
CYNI2	niger	Blackhead flat-sedge
ELEOC	Eleocharis spp.	Spikerush
ELAC	acicularis	Needle spikerush
ELAC2	acuminata	
ELAT	atropurpurea	
ELBE	bella	
ELBO	bolanderi	
ELEN	engelmannii	Engelmann spikerush
ELFI2	flaccida	
ELMA	macrostachya	Common spikerush
ELMO	montevidensis	

GRASSLIKE PLANTS		
ELEOC	Eleocharis spp. (con.)	
ELPA	parishii	
ELPA2	parvula	Dwarf spikerush
ELPA3	pauciflora	Fewflowered spikerush
ELRA	radicans	
ELRO	rostellata	Beaked spikerush
ERiop	Eriophorum spp.	Cotton-sedge
ERAL4	altaicum	
ERAN2	angustifolium	Narrowleaf cotton-sedge
ERCH3	chamissonis	Chamiss cotton-sedge
ERGR	gracile	Slender cotton-sedge
FIMBR	Fimbristylis spp.	
FISP	spadicea	
HEMIC	Hemicarpha spp.	
HEMT2	micrantha	
JUNCU	Juncus spp.	Rush, wiregrass
JUAB	abjectus	
JUAC	acuminatus	Tapertip rush
JUAC2	acutus	
JUAL	albescens	
JUAL2	alpinus	Alpine rush
JUAR	articulatus	
JUBA2	badius	
JUBA	balticus	Baltic rush
JUBR	bryoides	
JUBU	bufonius	Toad rush
JUCA	castaneus	
JUCH	chlorocephalus	
JUCO	columbianus	Columbian rush
JUCO2	confusus	Colorado rush
JUCO3	cooperi	Cooper rush
JUDR	drummondii	Drummond rush
JUEF	effusus	Common rush
JUEN	ensifolius	Swordleaf rush
JUFI	filiformis	Thread rush
JUGE	gerardi	Saltmeadow rush
JUHA	hallii	Halls rush
JUHE	hemiendytus	
JUIN	interior	Inland rush
JUJO	jonesii	
JUKE	kelloggii	
JULO	longistylis	Longstyle rush
JUME	mertensianus	Mertens rush
JUME2	mexicanus	
JUNE	nevadensis	Nevada rush
JUNO	nodosus	Jointed rush

GRASSLIKE PLANTS		
JUNCU	Juncus spp. (con.)	
JUOR	orthophyllus	Straightleaf rush
JUPA	parryi	Parry rush
JURE	regelii	Regel rush
JUSA	saximontanus	Rocky Mountain rush
JUSP	sphaerocarpus	
JUTE	tenuis	Poverty rush
JUTO	torreyi	Torrey rush
JUTR	tracyi	Tracy rush
JUTW	tweedyi	
JUUN	uncialis	
JUVA	vaseyi	Vasey rush
JUXI	xiphioides	
KOBRE	Kobresia spp.	Kobresia
KOBE	bellardi	
LUZUL	Luzula spp.	Woodrush
LUDI	divaricata	Forked woodrush
LUGL	glabrata	Smooth woodrush
LJIN2	intermedia	Hairy woodrush
LUOR	orestera	
LUPA	parviflora	Millet woodrush
LUSP2	spicata	Spike woodrush
LUSU2	subcongesta	Donner woodrush
LUWA	wahlenbergii	Wahlenberg woodrush
SCHOE	Schoenus spp.	
SCNI	nigricans	
SCIRP	Scirpus spp.	Bulrush
SCAC	acutus	Tule bulrush
SCAM	americanus	American bulrush
SCAT	atrovirens	Green bulrush
SCCA	caespitosus	Deerhair bulrush
SCCR	criniger	
SCFL	fluviatilis	River bulrush
SCMI	microcarpus	Panicled bulrush
SCNE	nevadensis	Nevada bulrush
SCOL	olneyi	Olney bulrush
SCPA3	pallidus	
SCPA4	paludosus	Alkali bulrush
SCRU	rubrotinctus	Redstem bulrush
SCSU	supinus	Hall bulrush
SCVA	validus	Softstem bulrush
SPARG	Sparganium spp.	Burreed
SPAN	angustifolium	Narrowleaf burreed
SPEU	eurycarpum	Giant burreed
SPMI	minimum	Least burreed
SPMU2	multipedunculatum	

FORBS		
Alpha code	Scientific name	Common name
ABRON	Abronia spp.	Sandverbena
ABCR	crux-maltae	
ABCY	cycloptera	
ABEL	elliptica	Pink sandverbena
ABFR	fragrans	Snowball sandverbena
ABLA2	latifolia	Yellow sandverbena
ABME	mellifera	
ABMI	micranthus	Sandpuffs
ABNA	nana	Dwarf sandverbena
ABOR	orbiculata	
ABPO	pogonantha	Bearded sandverbena
ABPU	pumila	
ABSA	salsa	
ABTU	turbinata	Transmontane sandverbena
ABUM	umbellata	Pink sandverbena
ABVI	villosa	Desert sandverbena
ABWO	wootonii	
ACANT	Acanthochiton spp.	Hopiweed
ACWR	wrightii	Wright hopiweed
ACHIL	Achillea spp.	Yarrow
ACCH	chrysanthemum	
ACDE	dentifera	
ACMID	millefolium delwayi	
ACMIL	millefolium lanulosa	Western yarrow
ACPT	ptarmica	Sneezewort yarrow
ACHYR	Achyronychia spp.	
ACCO2	cooperi	
ACONI	Aconitum spp.	Monkshood
ACCO	columbianum	Columbia monkshood
ACTAE	Actaea spp.	Baneberry
ACRU	rubra	Red baneberry
(Actinea spp.--see Hymenoxys)		
ADENO	Adenocaulon spp.	Trail plant
ADBI	bicolor	American trail plant
ADIAN	Adiantum spp.	Maidenhair
ADCA	capillus-veneris	Southern maidenhair
ADPEA	pedatum aleuticum	

FORBS		
Alpha code	Scientific name	Common name
ADONI	Adonis spp.	Adonis
ADAN	annua	Pheasanteye adonis
ADOXA	Adoxa spp.	Muskroot
ADMO	moschatellina	Muskroot
AEGOP	Aegopodium spp.	
AEPO	podagraria	Bishop's weed
AEPOV	podagraria variegatum	Flo white
AGAST	Agastache spp.	Gianthyssop
AGCU	cusickii	Cusick gianthyssop
AGPA2	pallidiflora	Pale gianthyssop
AGURG	urticifolia glaucifolia	Nettleleaf gianthyssop
AGOSE	Agoseris spp.	Agoseris
AGAU	aurantiaca	Orange agoseris
AGGL	glauca	Pale agoseris
AGGR	grandiflora	Bigflower agoseris
AGHE	heterophylla	Annual agoseris
AGRE	Retrorsa	Spearleaf agoseris
AGROS	Agrostemma spp.	Corncockle
AGGI	githago	Common corncockle
ALETE	Aletes spp.	
ALMA	macedougali	
ALISM	Alisma spp.	Waterplantain
ALGE	geyeri	Geyer waterplantain
ALTR	triviale	American waterplantain
ALLIO	Allionia spp.	Allionia
ALCH	choisyi	
ALIN	incarnata	Trailing allionia
ALLIU	Allium spp.	Wild onion
ALAA	aaseae	
ALAC	acuminatum	Tapertip onion
ALAN	anceps	Twin onion
ALAT	atrorubens	
ALBI	bigelovii	Bigelow onion
ALBI2	bisceptrum	Twincrest onion
ALBR	brandegei	Brandegee onion
ALBR2	brevistylum	Shortstyle onion
ALCA2	campanulatum	Sierra onion
ALCE	cernuum	Nodding onion
ALCY	cyrilli	
ALFI	fibrillum	Blue mountain onion
ALGE2	geyeri	Geyer onion

FORBS		
ALLIU	Allium spp. (con.)	
ALLE	lemmonii	Lemmons onion
ALMA2	macropetalum	Large flowered onion
ALMA3	macrum	Rock onion
ALMA4	madidum	Swamp onion
ALNE	nevadensis	Nevada onion
ALPA	palmeri	Palmer onion
ALPA2	parvum	Small onion
ALPL	platycaule	Flatstem onion
ALPU	punctum	Punctate onion
ALRO	robbinsonii	Robinson onion
ALRU	rubrum	
ALSC	schoenoprasum	Chive
ALSI	simillimum	
ALTE2	textile	Textile onion
ALTO	tolmiei	Tolmie onion
ALTR2	tribracteatum	Threebract onion
ALVA	validum	Pacific onion
ALLOT	Allotropia spp.	
ALVT	virgata	Candystick
ALTHA	Althaea spp.	Hollyhock
ALAR2	armeniaca	
ALCA4	cannabina	
ALLU	ludwigi	
ALNA	narbonensis	
ALRO2	rosea	Hollyhock
ALTA	tarvinensis	
ALYSS	Alyssum spp.	Alyssum
ALAL2	alyssoides	Pale alyssum
ALDE	desertorum	
ALMI	mimus	
ALSZ	szowitsianum	
AMARA	Amaranthus spp.	Amaranth or Pigweed
AMAL2	albus	Tumble pigweed
AMAR	arenicola	
AMCA	californicus	California amaranth
AMCR	cruentus	
AMFI	fimbriatus	
AMGR	graecizans	Tumbleweed amaranth
AMHY	hybridus	Slim amaranth
AMLE	leucocarpus	Love-lies-bleeding
AMPA	palmeri	Palmer amaranth
AMPO	powellii	Powell amaranth
AMPU	pubescens	
AMRE2	retroflexus	Redroot amaranth
AMTO	torreyi	
AMWR	wrightii	Wright amaranth
AMBRO	Ambrosia spp. (Franseria)	Ragweed
AMAC	acanthicarpa	
AMAR2	artemisifolia	Common ragweed

FORBS		
AMBRO	Ambrosia spp. (con.)	
AMDI	discolor	Skeleton leaf bur-sage
AMLI	linearis	
AMPS	psilostachya	Western ragweed
AMTR	trifida	Giant ragweed
AMMAN	Ammannia spp.	Ammannia
AMCO	coccinea	Purple ammannia
AMSIN	Amsinckia spp.	Fiddleneck
AMIN	intermedia	Fireweed
AMLY	lycopsoides	Tarweed fiddleneck
AMME	menziesii	Menzies fiddleneck
AMRE	retrorsa	Rough fiddleneck
AMTE	tessellata	Western fiddleneck
AMVE	vernica	Vernal fiddleneck
AMSON	Amsonia spp.	Amsonia
AMBR	brefolia	
AMEA	eastwoodiana	Eastwood amsonia
AMJO	jonesii	
AMTO2	tomentosa	
ANAGA	Anagallis spp.	Pimpernel
ANAR	arvensis	Scarlet pimpernel
ANAPH	Anaphalis spp.	Pearleverlasting
ANMA	margaritacea	Common pearl-everlasting
ANCHU	Anchusa spp.	Bugloss
ANAZ	azurea	Italian bugloss
ANOF	officinalis	Common bugloss
ANDR2	Androsace spp.	Rockjasmine
ANCA	carinata	
ANFI	filiformis	Slender rockjasmine
ANOC	occidentalis	Western rockjasmine
ANSE	septentrionalis	Pygmy rockjasmine
ANDR3	Androstephium spp.	Funnellily
ANBR	breviflorum	Purple funnellily
ANELS	Anelsonia spp.	Daggerpod
ANCU	curycarpa	

FORBS		
ANEMO	Anemone spp.	Anemone
ANCY	cylindrica	Candle anemone
ANDR	drummondii	Drummond anemone
ANMU	multifida	Argentine anemone
ANPA	parviflora	Arctic anemone
ANPA2	patens	Spreading pasque-flower
ANZE	zephyra	Narcissus anemone
ANEM2	Anemopsis spp.	Yerba-mansa
ANCA2	californica	Yerba-mansa
ANETH	Anethum spp.	
ANGR	graveolens	Dill
ANGEL	Angelica spp.	Angelica
ANAM	ampla	Giant angelica
ANAR2	arguta	Sharptooth angelica
ANBR2	breweri	Brewer angelica
ANKI	kingii	King angelica
ANLI	lineariloba	Narrowleaf angelica
ANPI	pinnata	Small-leaf angelica
ANRO2	roseana	Rose angelica
ANWH	wheeleri	Wheeler angelica
ANISO	Anisocoma spp.	
ANAC	acaulis	
ANTEN	Antennaria spp.	Pussytoes
ANAL	alpina	Alpine pussytoes
ANAN	anaphaloides	Pearly pussytoes
ANAR3	arcuata	
ANAR4	argentea	
ANCO	corymbosa	Plains pussytoes
ANDI2	dimorpha	Low pussytoes
ANFL	flagellaris	
ANGE2	geyeri	Pinewoods pussytoes
ANLA	lanata	Woolly pussytoes
ANLU	luzuloides	Rush pussytoes
ANNE	neglecta	Field pussytoes
ANPA3	parvifolia	Littleleaf pussytoes
ANPU	pulcherrima	Showy pussytoes
ANRA	racemosa	Raceme pussytoes
ANRO	rosea	Rose pussytoes
ANRO3	rosulata	
ANST	stenophylla	Narrowleaf pussytoes
ANUM	umbrinella	Umber pussytoes
ANTHE	Anthemis spp.	Camomile; dogfennel
ANCO2	cotula	Mayweed camomile

FORBS		
ANTHE	Anthemis spp. (con.)	
ANTI	tinctoria	Golden camomile
ANTH2	Anthericum spp.	Anthericum
ANTO	torreyi	Torrey anthericum
ANTHY	Anthyllis spp.	Anthyllis
ANCO3	cornicina	
ANCY2	cytisoidem	
ANLO	lotoides	
ANVU	vulneraria	Kidneyvetch anthyllis
ANTIR	Antirrhinum spp.	Snapdragon
ANFI2	filipes	
ANKI2	kingii	King snapdragon
APARG	Apargidium spp.	Apargidium
APBO	boreale	Common apargidium
APHYL	Aphyllanthes spp.	
APMO	monspeliensis	
APIUM	Apium spp.	Celery
APGR	graveolens	Wild celery
APOCY	Apocynum spp.	Dogbane
APANP	androsaemi-folium	Spreading dogbane
APCA	pumilum	Hemp dogbane
APME	cannabinum	Intermediate dogbane
APSI	medium	Prairie dogbane
AQUIL	Aquilegia spp.	Columbine
AQBA	barnebeyi	Yellow oil shale columbine
AQCH	chrysantha	Golden columbine
AQCO	coerulea	Colorado columbine
AQDE	desertorum	
AQEL	elegantula	Westernred columbine
AQFL	flavescens	Yellow columbine
AQPOF	formosa	
AQFOT	formosa	Sitka columbine
AQMI	truncata	California columbine
AQSC	micrantha	White oil shale columbine
AQSH	scopulorum	Utah columbine
ARABI	shockleyi	
ARCO4	ARABI Arabis spp.	Rockcross
ARDA	cobrensis	Silver rockcross
	dauidsonii	

FORBS		
ARABI	Arabis spp. (con.)	
ARDE	demissa	
ARDI2	divaricarpa	Spreading rockcress
ARDR2	drummondi	Drummond rockcress
ARFE4	fendleri	Fendler rockcress
ARFE	fernaldiana	
ARGL2	glabra	Towermustard rockcress
ARHI	hirsuta	Hairy rockcress
ARHO	holboellii	Holboell rockcress
ARIN	inyoensis	
ARLE	lemmoni	Lemons rockcress
ARLI	lignifera	Woody rockcress
ARLY	lyallii	Lyll rockcress
ARMI3	microphylla	Littleleaf rockcress
ARNU	nuttallii	Nuttall rockcress
ARPE	pendulina	
ARPE2	perennans	
ARPL	platysperma	Pioneer rockcress
ARPU3	puberula	Hoary rockcress
ARPU2	pulchra	Beauty rockcress
ARRE	repanda	
ARSC	schistacea	
ARSE	selbyi	
ARSH	shockleyi	
ARSP2	sparsiflora	Sicklepod rockcress
ARSU	suffrutescens	Woody rockcress
ARALI	Aralia spp.	Aralia
ARNU2	nudicaulis	Wildsarsaparilla
ARRA	racemosa	American spikenard
ARCEU	Arceuthobium spp.	Dwarfmistletoe
ARAM	americanum	American dwarfmistletoe
ARCA	campylopodum	Western dwarfmistletoe
ARCY	cyanocarpum	
ARDI3	divaricatum	
ARDO	douglasii	Douglas dwarfmistletoe
ARVA	vaginatum	
ARCTI	Arctium spp.	Burdock
ARMI2	minus	Smaller burdock
ARCTO	Arctomecon spp.	Bear poppy
ARCA2	californica	
ARHU	humilis	

FORBS		
ARCTO	Arctomecon spp. (con.)	
ARME	merriamii	Desert bear poppy
ARENA	Arenaria spp.	Sandwort
ARAB	aberrans	
ARAC	aculeata	Prickly sandwort
ARCA3	capillaris	Fescue sandwort
ARCO2	congesta	Ballhead sandwort
AREA	eastwoodiae	
ARFE3	fendleri	Fendler sandwort
ARFI2	filiorum	
ARFR2	franklinii	Franklin sandwort
ARHO2	hookeri	Hooker sandwort
ARKI	kingii	Kings sandwort
ARLA	lanuginosa	
ARLA2	lateriflora	Bluntleaf sandwort
ARMA	macradenia	
ARNU3	nutallii	Nuttall sandwort
AROB	obtusiloba	Twinflower sandwort
ARRU	rubella	
ARSE2	serpyllifolia	Thymeleaf sandwort
ARST	stenomeres	
ARGEM	Argemone spp.	Prickly poppy
ARAR	arizonica	
ARCO3	corymbosa	
ARMU	munita	Hedgehog prickly poppy
ARPO	polyanthemos	
ARGYT	Argythamnia spp.	Silverbush
ARNE2	neomexicana	
ARGYR	Argyrolobium spp.	
ARLI2	linnaenum	
ARNIC	Arnica spp.	Arnica
ARAM2	amplexicaulis	Clasping arnica
ARCH	chamissonis	Chamisso arnica
ARCO	cordifolia	Heartleaf arnica
ARDI2	diversifolia	Sticky arnica
ARFU	fulgens	Orange arnica
ARLA3	latifolia	Broadleaf arnica
ARLO2	longifolia	Longleaf arnica
ARMO	mollis	Hairy arnica
ARNE3	nevadensis	Nevada arnica
ARPA3	paniculata	
ARPA4	parryi	Rayless arnica
ARRY	rydbergii	Rydberg arnica
ARSO	sororia	

FORBS		
ARTEM	Artemisia spp.	Sagebrush; wormwood
ARAB3	absinthium	Common wormwood
ARAN	annua	Sweet wormwood
ARBI2	biennis	Biennial wormwood
ARDR	dracunculus	Tarragon
	(dracunculoides)	
ARLUL	ludoviciana	Louisiana sagebrush
ARLUA	ludoviciana	
	albulata	Silverking sagebrush
ARLUI	ludoviciana	
	ludoviciana	Mountain sagebrush
ARLU2	ludoviciana	
	ludoviciana	
ARLUM	ludoviciana	
	ludoviciana	Mexican sagebrush
ARMI	michauxiana	Michaux sagebrush
ARNOS	norvegica	
	saxatilis	
ARSC2	scopolorum	Alpine sagebrush
ARST2	stelleriana	Beach wormwood
ASCLE	Asclepias spp.	Milkweed
ASAS	asperula	
ASC05	cordifolia	Heartleaf milkweed
ASCR	cryptoceras	Pallid milkweed
ASCU	cutleri	
ASEN2	engelmanniana	Engelmann milkweed
ASER	eriocarpa	Woollypod milkweed
ASER2	erosa	Desert milkweed
ASFA	fascicularis	Mexican milkweed
ASHA	hallii	Halls milkweed
ASIN3	incarnata	swamp milkweed
ASIN2	inbolucrata	
ASLA	labriformis	
ASMA	macrosperma	
ASRU	rusbyi	
ASRU2	ruthiae	
ASSP	speciosa	Showy milkweed
ASSU	subulata	Skeleton milkweed
ASSU2	subverticillata	Horsetail milkweed
ASTU	tuberosa	Butterfly milkweed
ASPAR	Asparagus spp.	Asparagus
ASOF	officinalis	Garden asparagus

FORBS		
ASPER	Asperugo spp.	Catchweed, madwort
ASPR	procumbens	
ASPLE	Asplenium spp.	Spleenwort
ASADN	adiantum	
	nigrum	
ASSE	septentrionale	Grassleaf spleenwort
ASTR	trichomanes	Maidenhair spleenwort
ASVI	viride	Green spleenwort
ASTER	Aster spp.	Aster
ASAL	alpigenus	
ASAR6	arenosus	Small flower aster
ASBR	brachyactis	
ASCA4	campestris	Meadow aster
ASCHA	chilensis	
	adscendens	Pacific aster
ASEA	eatonii	Eatons aster
ASEN	engelmannii	Engelmann aster
ASER4	ericoides	Heath aster
ASFO	foliaceus	Alpine leafybract aster
ASFR	frondosus	Leafy aster
ASGL	glaucoodes	Blueleaf aster
ASHE	hesperius	Siskiyou aster
ASIN	integrifolius	Thickstem aster
ASIN4	intricatus	
ASLA2	laevis	Smooth aster
ASOC	occidentalis	Western aster
ASPA	pansus	Manyflowered aster
ASPA2	pauciflorus	Fewhead aster
ASPE	perelegans	Nuttall aster
ASRU3	rubrotinctus	
ASSC	scopolorum	Crag aster
ASSI	sibericus	Siberian aster
ASSP2	spinosus	Devilweed aster
ASST	stenomeres	Northwest aster
ASWA	wasatchensis	
ASTRA	Astragalus spp.	Locoweed, milkvetch, poisonweed
ASAC	acutirostris	Sharpkeeled milkvetch
ASAD	adanus	Boise milkvetch
ASAE	aequalis	Purple milkvetch
ASAL2	allochrous	Halfmoon locoweed
ASAL3	alpinus	Alpine milkvetch
ASAL4	alvordensis	Alvord milkvetch
ASAM3	amblytropis	Challis milkvetch
ASAMA	annis-amissi	Lost river milkvetch
ASAM	amphioxys	Crescent milkvetch

FORBS		
ASTRA	Astragalus spp. (con.)	
ASAM2	ampullarius	Gumbo milkvetch
ASAN	andersonii	Anderson milkvetch
ASAR	aretioides	Cushion milkvetch
ASAR2	argophyllis	Silverleafed milkvetch
ASAR3	armeniacus	
ASAR4	arrectus	
ASAR5	arthuri	Waha milkvetch
ASAS2	asclepiadoides	Milkweed milkvetch
ASAT	atratus	Mourning milkvetch
ASAU2	austinae	
ASAU	australis	
ASBA	barnebyi	Barneby milkvetch
ASBE	Beckwithii	Beckwith milkvetch
ASBE2	bernardinus	San Bernardino milkvetch
ASBI	bigelovii	Bigelow milkvetch
ASBI2	bisulcatus	Twogrooved locoweed
ASBO	bodini	Bodin milkvetch
ASBO2	boeticus	
ASBR2	brandegei	Brandgee milkvetch
ASBR3	bryantii	Bryant milkvetch
ASCA2	californicus	California milkvetch
ASCA3	callithrix	Callaway milkvetch
ASCA	calycosus	Torrey milkvetch
ASCA5	camptopus	Bruneau milkvetch
ASCA6	canadensis (mortoni)	Canada milkvetch
ASCA7	canovirens	
ASCA8	caryocarpus	
ASCA9	casei	Case milkvetch
ASCA10	castanaeformis	Chestnut milkvetch
ASCE	ceramicus	Painted milkvetch
ASCH	chamaeleuce	Cicada milkvetch
ASCH2	chamaemeniscus	Groundcrescent milkvetch
ASCH3	chinensis	China milkvetch
ASCH4	chloodes	Grass milkvetch
ASCI	cibarius	Silky milkvetch
ASCI2	cicer	Chickpea milkvetch
ASCO2	coccineus	Scarlet milkvetch

FORBS		
ASTRA	Astragalus spp. (con.)	
ASCO3	collinus	Hill milkvetch
ASCO4	coltoni	Colton locoweed
ASCO	convallarius	Timber poisonvetch
ASCO6	cottamii	Cottam milkvetch
ASCR4	crassicarpus	Groundplum milkvetch
ASCR2	cremophylax	Sentry milkvetch
ASCR3	cronquistii	Cronquist milkvetch
ASCU2	curvicarpus	Curvepod locoweed
ASCU3	cusickii	Cusick milkvetch
ASCY	cymboides	Canoe milkvetch
ASDE	desperatus	Rimrock milkvetch
ASDE3	desereticus	Indianola milkvetch
ASDE2	detritalis	Debris milkvetch
ASDI2	didymocarpus	Two-seeded milkvetch
ASDI	diversifolius	Meadow milkvetch
ASDR	drummondii	Drummond milkvetch
ASDU	duchesnensis	Duschesne milkvetch
ASEA2	eastwoodiae	Eastwood milkvetch
ASEM	emoryanus	Emory milkvetch
ASEP	episcopus	Bishop milkvetch
ASER3	eremiticus	Hermit milkvetch
ASEU2	eucosmus	Elegant milkvetch
ASEU	eurekensis	Eureka milkvetch
ASFA2	falcatus	Sicklepod milkvetch
ASFI	filipes (stenophyllus)	Snakeriver plains milkvetch
ASFL	flavus	
ASFL2	flexuosus	Flexile milkvetch
ASFU	fucatus	Yellow milkvetch
ASGA	galegiformis	
ASGE	geyeri	Geyer milkvetch
ASGI	gibbsii	Gibbs milkvetch
ASGL2	globiceps	
ASHA2	hamiltonii	Hamilton milkvetch
ASHA3	hamosus	Grass milkvetch
ASHA4	harrisonii	Harrison milkvetch
ASHO	hornii	Horn locoweed
ASHO2	howellii	Howell milkvetch

FORBS		
ASTRA	Astragalus spp. (con.)	
ASHU	humistratus	Groundcover milkvetch
ASIN5	inflexus	Bent milkvetch
ASIN6	inversus	Lavabeds milkvetch
ASIN7	inyoensis	Inyo milkvetch
ASIO	iodanthus	Humboldt river milkvetch
ASIO2	iodopetalus	Violet milkvetch
ASIS	iselyi	Isely milkvetch
ASJE	jejunus	Starveling milkvetch
ASKE	kentrophyta	
ASLA3	lancearius	Lancer milkvetch
ASLA4	layneae	Layne milkvetch
ASLE	lemmonii	Lemmon milkvetch
ASLE2	lentiginosus	Specklepod locoweed
ASLI	limnocharis	Cedarbreaks milkvetch
ASKI2	loanus	Loa milkvetch
ASLO	lonchocarpus	Rushy milkvetch
ASLU	lutosus	Dragon milkvetch
ASLY	lyallii	Lyall milkvetch
ASMA2	malacus	Shaggy milkvetch
ASMA4	malacoides	Kaiparowits milkvetch
ASMA3	marianus	Sevier milkvetch
ASME	megacarpus	Great bladderly milkvetch
ASME2	mexicanus	
ASMI	minthorniae	Minthorn milkvetch
ASMI2	miser	Weedy milkvetch
ASMI3	missouriensis	Missouri milkvetch
ASMO	moencoppensis	Moenkopi milkvetch
ASMO2	mohavensis	Mohave milkvetch
ASMO5	mokiensis	Mokiah milkvetch
ASMO6	mollissimus	Woolly milkvetch
ASMO3	monoensis	Mono milkvetch
ASMO4	monumentalis	Monument valley milkvetch
ASMU	mulfordiae	Mulford milkvetch
ASMU2	musiniensis	Musinea milkvetch
ASNA	naturitensis	Naturita milkvetch
ASNE2	nelsonianus	
ASNE	newberry	Newberry milkvetch
ASNI	nidularius	Birdnest milkvetch
ASNU	nudisiliquus	Cobblestone milkvetch

FORBS		
ASTRA	Astragalus spp. (con.)	
ASNU2	nuttallianus	Nuttall milkvetch
ASNY	nyensis	Nye milkvetch
ASOB	obsurus	Arcane milkvetch
ASON	oniciformis	Spindle milkvetch
ASO0	oophorus	
ASPA3	panguicensis	
ASPA6	pardalinus	Panther milkvetch
ASPA4	pattersonii	Patterson locoweed
ASPA5	paysonii	
ASPE2	pectinatus	Narrowleaf poisonvetch
ASPE3	perianus	Bullion Creek milkvetch
ASPI	pinonis	Pinon milkvetch
ASPL	platytropis	Broadkeeled milkvetch
ASPO	podocarpus	
ASPO2	porrectus	Lahontan milkvetch
ASPR2	praelongus	Stinking milkvetch
ASPR3	preussii	Preuss milkvetch
ASPS	pseudiodanthus	Tonapah milkvetch
ASPT	pteroecarpus	Winged milkvetch
ASPU3	pubentissimus	Greenriver milkvetch
ASPU2	pulsiferae	Ames milkvetch
ASPU	purshii	Pursh locoweed
ASRA	racemosus	Alkali milkvetch
ASRA2	rafaelensis	San Rafael milkvetch
ASRE	recedens	
ASRE2	recurvus	Recurved milkvetch
ASRE3	refractus	Texas milkvetch
ASRE4	remotus	Springmountain milkvetch
ASRE5	reventus	Bluemountain milkvetch
ASRO	robbinsii	Robbins milkvetch
ASRU4	rusbyi	Rusby milkvetch
ASSA	sabulonum	Cisco milkvetch
ASSA2	sabulosus	Straightstem poisonvetch
ASSA3	salmonis	Troutcreek milkvetch
ASSA4	saurinus	Dinosaur milkvetch
ASSC2	scopulorum	
ASSC3	scorpoidies	Rocky Mountain milkvetch
ASSE2	serenoi	Naked milkvetch

FORBS		
ASTRA	Astragalus spp. (con.)	
ASSE3	serpens Plateal milkvetch	
ASSE4	sesquiflorus Sandstone milkvetch	
ASSO	solitarius Solitary milkvetch	
ASSO2	sophoroides Painted desert milkvetch	
ASSP3	spatulatus Tufted milkvetch	
ASST2	sterilis Barren milkvetch	
ASST3	stipulatus	
ASST6	stocksii	
ASST4	straturensis Pinevalley milkvetch	
ASST5	striatiflorus Escarpment milkvetch	
ASSU3	subcinereus Silar milkvetch	
ASTE	tegetarioides Bastard milkvetch	
ASTE2	tegetarius Mat milkvetch	
ASTE3	tenellus Looseflower milkvetch	
ASTE4	tephrodes Towline loco	
ASTE5	terminalis Railhead milkvetch	
ASTE6	tetrapterus Fourwing poisonvetch	
ASTI	tidestromii Tidestrom milkvetch	
ASTO	toanus Toano milkvetch	
ASTO2	toquimanus Toquima milkvetch	
ASTR2	trimestris	
ASTR3	trogodytus Cliffdweller milkvetch	
ASUN	uncialis Currant milkvetch	
ASUT	utahensis Utah locoweed	
ASVEN	vexilliflexus Bentflowered milkvetch	
ASWA2	wardii Ward locoweed	
ASWE	wetherillii Weatherill milkvetch	
ASWH	whitneyi Balloon milkvetch	
ASWI	wingatanus Fortwingate milkvetch	
ASWO	woodruffii Woodruff milkvetch	
ASWO2	wootonii Wooton locoweed	
ASXI	xiphoides Gladiator milkvetch	
ASZI	zionis Zion milkvetch	

FORBS		
ATHYR	Athyrium spp.	Ladyfern
ATDI2	distentifolium	Alpine ladyfern
ATFI	filixfemina	Ladyfern
ATHYS	Athysanus spp.	Sandweed
ATPU	pusillus	
ATRIC	Atrichoseris spp.	Tobacco weed
ATPL	platyphylla	
ATRIP	Atriplex spp.	Saltbush
ATAR	argentea	Tumbling saltbush
ATDI	dioeca	Scurfless saltbush
ATEL	elegans	Wheelscale saltbush
ATGR	graciliflora	
ATHO	hortensis	Garden orach
ATPA2	patula	Fat-hen saltbush
ATPH	phyllostegia	
ATPO2	powellii	
ATPU2	pusilla	
ATRO	rosea	Tumbling orach
ATSA	saccaria	
ATSE	semibaccata	Australian saltbush
ATSE2	serenana	
ATTE	tenuissima	
ATWO	wolfii	Wolf saltbush
AZOLL	Azolla spp.	Azolla
AZME	mexicana	Mexican azolla
BACOP	Bacopa spp.	Waterhyssop
BAEI	eisenii	
BARO	rotundifolia	Disk waterhyssop
BAHIA	Bahia spp.	Bahia
BADI	dissecta	Ragleaf bahia
BANU	nudicaulis	Basin bahia
BAOB	oblongifolia	
BAOU	ourolepis	
BAILE	Baileya spp.	Baileya
BAMU	multiradiata	Desert baileya
BAPA	pauciradiata	
BAPE	perennis	Leafsystem baileya
BAPL	pleniradiata	Desert marigold baileya
BALSA	Balsamorhiza spp.	Balsamroot
BAHI	hirsuta	Hairy balsamroot

FORBS		
BALSA	Balsamorhiza spp. (con.)	
BAHOH	hookeri	Hooker balsamroot
BAHO2	hookeri	
	hispidula	
BAHOI	hookeri	
	idahoensis	
BAHON	hookeri	
	neglecta	
BAIN	incana	Hoary balsamroot
BAMA	macrophylla	Cutleaf balsamroot
BASA	sagittata	Arrowleaf balsamroot
BASE2	serrata	Serrated balsamroot
BARBA	Barbarea spp.	Wintercress
BAOR	orthoceras	Erectpod wintercress
BASSI	Bassia spp.	Bassia
BAHY	hyssopifolia	Fivehook bassia
BELLI	Bellis spp.	Daisy
BEPE	perennis	English daisy
BERUL	Berula spp.	Berula
BEER	erecta	Stalky berula
BESSE	Besseyia spp.	Kittentails
BEAL	alpina	Alpine kittentails
BERU	rubra	Red besseyia
BEWY	wyomingensis	Wyoming kittentails
BETA	Beta spp.	Beet
BEVU	vulgaris	Common beet
BIDEN	Bidens spp.	Beggarticks
BIBI	bipinnata	Spanish-needles
BICE	cernua	Nodding beggarticks
BIFR	frondosa	Devils beggarticks
BLEP2	Blepharipappus spp.	
BLSC	scaber	
BOCCO	Bocconia spp.	
BOMI	microcarpa	
BOERH	Boerhaavia spp.	Spiderling
BOAN	annulata	Wetleaf spiderling

FORBS		
BOERH	Boerhaavia spp. (con.)	
BOCO	coulteri	Coulter spiderling
BOLE	leisolena	
BOTO	torreyana	Torrey spiderling
BOWR	wrightii	Wright spiderling
BOISD	Boisduvalia spp.	Spikeprimrose
BODE	densiflora	Dense spike-primrose
BOGL	glabella	
BOMA	macrantha	
BOPA	pallida	
BOST	stricta	Brook spike-primrose
BOLAN	Bolandra spp.	Bolandra
BOOR	oregana	Oregon bolandra
BORAG	Borago spp.	Borage
BOOF	officinalis	Common borage
BOTRY	Botrychium spp.	Grapefern
BOBOO	Boreale obtusilobum	Northern grapefern
BOLA	lanceolatum	Lanceleaved grapefern
BOLU	lunaria	Moonwort
BOMA2	matricariaefolium	Matricary grapefern
BOSI	simplex	Little grapefern
BOVI	virginianum	Rattlesnake-fern
BRASS	Brassica spp.	Mustard
BRCA3	campestris	Bird rape
BRHI	hirta	White mustard
BRJU	juncea	India mustard
BRKA	kaber	Charlock
BRNI	nigra	Black mustard
BRICK	Brickellia spp.	
BRGR	grandiflora	Tasselflower brickellia
BROBL	oblongifolia linifolia	Mohave brickellia
BRODI	Brodiaea spp.	Brodiaea
BRDO	douglasii	Douglas brodiaea
BRHY	hyacintha	Hyacinth brodiaea

FORBS		
BRODI BRPU	Brodiaea spp. pulchella	(con.) Purplehead brodiaea
BRYON BRAL	Bryonia spp. alba	Bryony White bryony
BUTOM BUUM	Butomus spp. umbellatus	Flowering rush Flowering rush
CALAN CACT	Calandrina spp. ciliata	Rockpurslane Redmaids rockpurslane
CALLI CAIN2	Callirhoe spp. involucrata	Poppy-mallow Low poppy-mallow
CALL2 CAHE	Callitriche spp. hermaphroditica	Waterstarwort
CAHE2	heterophylla	Larger waterstarwort
CAVE	verna	
CALOC CAAM CAAU3	Calohortus spp. ambiguus aureus	Mariposa lily Golden segolily mariposa lily
CAEL2	elegans	Northwestern mariposa lily
CAEU	eurycarpus	Big-pod mariposa lily
CAFL	flexuosus	Weakstem mariposa lily
CAGU	gunnisonii	Gunnison mariposa lily
CAKE	kennedyi	Desert mariposa lily
CALE7	leichtlinii	Smokey mariposa lily
CAMA	macrocarpus	Sagebrush mariposa lily
CANI	nitidus	Broadfruit mariposa lily
CANUN	nuttallii nuttallii	Segolily mariposa lily
CAST	striatus	
CALTH CALE	Caltha spp. leptosepala	Marshmarigold Elkslip marshmarigold
CALYC CAPA CAWR	Calycoseris spp. parryi wrightii	
CALYP CABU2	Calypso spp. bulbosa	Calypso Fairy slipper orchid
CALY2	Calyptridium spp.	Calyptridium
CAMO2 CAPA2	monandrum parryi	

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FORBS		
CALY2 CARO3	Calyptridium spp. roseum	(con.) Rosy calyptridium
CAMAS CALE3 CAQU	Camassia spp. leichtlinii quamash	Camass Leichtlin camass Common camass
CAMEL CAMI2	Camelina spp. microcarpa	Falseflax Littlepod falseflax
CAMIS CAAN3	Camissonia spp. andina	(Oenothera) Andean evening primrose
CABOA	boothii	Alyssum evening primrose
CABR5 CABR6	brachycarpa brevipes	Golden evening primrose
CACA10	californica	Desert evening primrose
CACH4 CACL2	chamaenerioides clavaeformis	Browneyed even- ning primrose
CACO6	contorta	Plains evening primrose
CADE3 CADE4 CAEA CAFL4	decorticans dentata eastwoodiae flava	Yellow evening primrose
CAHE7 CAHE8 CAME2 CAMI7 CAMI8	heterantha heterochroma megalantha micrantha minor	Small evening primrose
CAMU3 CAMU4 CAPA8 CAPA9 CAPT CARE2 CASC2	multijuga munzii palmeri parryi pterosperma refracta scapoidea	Barestem even- ing primrose
CASP3 CATA	specuicola tanacetifolia	Tanseyleaf even- ing primrose
CAWA	walkeri	
CAMPA CAPA3	Campanula spp. parryi	Bellflower Parry bellflower
CARA	rapuncloides	Creeping bellflower
CARO2 CATR CAUN	rotundifolia trubinata uniflora	Bluebell
CANBY CAAU	Canbya spp. aurea	Canby poppy Golden canby poppy

FORBS		
CANNA CASA	Cannabis spp. sativa	Hemp or marijuana Hemp
CAPSE CABU	Capsella spp. bursa-pastoris	Shepherds-purse Shepherds-purse
CARDA CABE CABR	Cardamine spp. bellidifolia breweri	Bittercress Brewer bittercress Heartleaf bittercress
CACO	cordifolia	bittercress
CALY	lyallii	Lyall bittercress
CAOC	occidentalis	Western bittercress
CAPA4 CAPE4	parviflora pennsylvanica	Pennsylvania bittercress
CARD2 CADR	Cardaria spp. draba	Whitetop Pepperweed whitetop
CAPU2	pubescens	Longstalk hairy whitetop
CARDU CANU	Carduus spp. nutans	Bristlethistle Musk bristlethistle
CARTH CATI	Carthamus spp. tinctorius	Safflower
CARUM CACA6	Carum spp. carvi	Caraway
CASTI	Castilleja spp.	Indian paintbrush, painted-cup
CAAN	angustifolia	Northwestern painted-cup
CAAP2	applegatei	Pine Indian paintbrush
CAAR5 CABA CACA7 CACH2 CACH3	arachnoidea barnebyana calicicola chlorotica chromosa	Desert Indian paintbrush
CACH4 CACL CACO5 CACU2	chrysantha clokeyi covilleana cusickii	Scarlet painted-cup
CAEL4 CAEX3 CAFL3	elkoensis exillis flava	Yellow Indian paintbrush

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FORBS		
CASTI CAFR CAGL	Castilleja spp. fraterna glandulifera	(con.) Grand Indian paintbrush
CAGR	gracillima	Slender Indian paintbrush
CAHI	hispidia	Northwestern painted-cup
CAIN5	integra	Wholeleaf painted-cup
CAKI CALA4 CALA5 CALE2 CALI	kaibabensis lanata lapidicola leonardi linariaefolia	Wyoming painted-cup
CALO2 CAMA2 CAMI5	longispica magnistylis miniata	Scarlet painted-cup
CAMI6 CANa CAOC3	minor nana occidentalis	Western painted-cup
CAOR	oresbia	Pale wallowa paintbrush
CAPA7 CAPI2	pallescens pilosa	Pale painted-cup White painted-cup
CAPR6 CAPU3 CAPU4 CAPY2 CARE2 CARH	pruinosa puberula pulchella pyramidalis revealii rhexifolia	Splitleaf painted-cup
CARU3 CASA3 CASC4 CASU	rustica salsuginosa scabrida sulphurea	Sulphur painted-cup
CATR3 CAVI2 CAVI3	trainii viscida viscidula	
CAUCA CAMI7	Caucalis spp. microcarpa	False-carrot False-carrot
CAULA	Caulanthus spp. (See Streptanthus)	Wildcabbage
CAC06 CACR	cooperi crassicalis	Thickstem wildcabbage
CAGL2 CAGL3 CAMA3 CAPI3	glaber glaucus major pilosus	

FORBS		
CENTA	Centaurea spp.	Centaurea
CECA	calcitrapa	Star thistle
CECY	cyanus	Cornflower
CEDE2	dealbata	Persian centaurea
CEDI	diffusa	Diffuse Knapweed
CEJA	jacea	Brownscale centaurea
CEMA2	macrocephala	Globe centaurea
CEOX	oxylepis	
CEPE	pennsylvanica	
CERE2	repens	Russian centaurea
CESO	solstitialis	Yellow centaurea
CEVI	virgata	
CENT2	Centaurium spp.	Centaurium
CECA2	calycosum	
CECU	curvistamineum	
CEEX	exaltatum	
CENU	nuttallii	
CERAS	Cerastium spp.	Cerastium, mouse-ear chickweed
CEAR	arvense	Starry cerastium
CEBE	beeringianum	
CEBR	brachypodium	
CENU2	nutans	Nodding cerastium
CEVI2	viscosum	Sticky cerastium
CEVU	vulgatum	Big cerastium
CERAT	Ceratophyllum spp.	Hornwort
CEDE3	demersum	Hornwort
CHAEN	Chaenactis spp.	Chaenactis or Dusty maiden
CHAL4	alpigena	
CHAL2	alpina	Alpine dusty maiden
CHCA2	carphoclinia	
CHCU	cusickii	
CHDO	douglasii	Douglas chaenactis
CHEV	evermanii	
CHFR	fremontii	
CHMA	macrantha	
CHNE	nevadensis	
CHST3	steviooides	
CHXA	xantiana	
CHEAT	Chaetadelpha spp.	
CHWH	wheeleri	

FORBS		
CHAM2	Chamaechaenactis spp.	
CHSC	Scaposa	
CHAM3	Chamaerhodos spp.	
CHER	erecta	
CHAM4	Chamaesaracha spp.	
CHCO	coronopus	
CHNA3	nana	
CHEIL	Cheilanthes spp.	Lipfern
CHCO2	covillei	Coville lipfern
CHEA	eatoni	Eaton lipfern
CHFE	feei	Fee lipfern
CHFE2	fendleri	Fendler lipfern
CHGR	gracillima	Lace lipfern
CHWO	wootonii	
CHILI	Chelidonium spp.	Celandine
CHMA2	majus	Greater celandine
CHENO	Chenopodium spp.	Pigweed or Goosefoot
CHAL3	albeŕcens	
CHAL	album	Lambsquarters goosefoot
CHAM	ambrosioides	Wormseed goosefoot
CHAR	aridum	
CHAT	atrovirens	Dark goosefoot
CHBE	berlandieri	Pitseed goosefoot
CHBO	botrys	Jerusalem-oak goosefoot
CHCA	capitatum	Blite goosefoot
CHCH	chenopodioides (rubrum)	Red goosefoot
CHDE2	dessicatum	Desert goosefoot
CHFO2	foliosum	
CHFR2	fremontii	Fremont goosefoot
CHGI	gigantospermum (hybridum)	Mapleleaf goosefoot
CHGL	glaucum	Oakleaf goosefoot
CHHI	hians	
CHHU	humile	
CHIN	incanum	
CHIN2	incognitum	
CHLE	leptophyllum (inamoenum)	Slimleaf goosefoot
CHMU	murale	Nettleleaf goosefoot
CHNE2	nevadense	
CHOV	overi	
CHPA2	palmeri	
CHST2	strictum	
CHSU	subglabrum	

FORBS		
CHENO	Chenopodium spp. (con.)	
CHWA	watsonii	
CHIMA	Chimaphila spp.	Pipsissewa
CHUMO	umbellata occidentalis	Western pipsissewa
CHINO	Chinophila spp.	
CHTW	tweedyi	Snowlover
CHLO2	Chlorocrambe spp. (Sisymbrium)	
CHHA	hastata	
CHLI2	linifolium	
CHORI	Chorispora spp.	Chorispora or Blue mustard
CHTE	tenella	
CHOR2	Chorizanthe spp.	Turksrug spineflower
CHBR2	brevicornu	
CHRI	rigida	
CHTH	thurberi	Thurber spineflower
CHWA2	watsonii	Watson spineflower
CHRY5	Chrysanthemum spp.	Chrysanthemum
CHAR2	arcticum	Arctic chrysanthemum
CHBA	balsamita	Costmary chrysanthemum
CHLE2	leucanthemum	Oxeye-daisy
CHRY2	Chrysopsis spp. (see Heterotheca)	
CICHO	Cichorium spp.	Chicory
CIIN	intybus	Common chicory
CICUT	Cicuta spp.	Waterhemlock
CIDO	douglasii	Douglas waterhemlock
CIMA	maculata	Spotted waterhemlock
CIRCA	Circaea spp.	Circaea
CIAL	alpina	Alpine circaea
CIRSI	Cirsium spp.	Thistle
CIAN	andersonii	Anderson thistle
CIAR	arizonicum	Arizona thistle
CIAR2	arvense	Canada thistle
CIBI	bipinnatum	
CIBR	brevifolium	
CICA	calcareum	
CICA2	canovirens	

FORBS		
CIRSI	Cirsium spp. (con.)	
CICE	centaurea	Fringed thistle
CICL	clavatum	
CIDA	davisii	
CIDO2	douglasii	
CIEA	eatonii	
CIFL	flodmanii	Flodman thistle
CIFO	foliosum (drummondii)	Elk thistle
CIHA	hallii	Halls thistle
CIIN2	inamoensus	
CIMO	mohavense	Mohave thistle
CINI	nidulum	
CIOC	ochrocentrum	Yellow thistle
CIPA	parryi	
CIPO	polyphyllum	
CIPR	proteanum	
CIPU	pulchellum	
CIRO	rothrockii	
CIRY	rydbergii	
CISC	scopulorum	Carmine thistle
CISU	subniveum	
CIUM	undulatum	Wavyleaf thistle
CIUT	utahense	
CIVU	vulgare	Bull thistle
CLARK	Clarkia spp.	Clarkia
CLLA2	lassenensis	
CLPU	pulchella	Diehorn clarkia
CLRH	rhomboidea	Rhomboid clarkia
CLAYT	Claytonia spp.	Springbeauty
CLLA	lanceolata	Lanceleaf springbeauty
CLME	megarrhiza	Alpine springbeauty
CLNE	nevadensis	Nevada springbeauty
CLUM	umbellata	
CLEMA	Clematis spp.	
CLDO	douglassii	
CLEM2	Clematis spp.	
CLCO	columbiana	Virginsbower
CLHIH	hirsutissima	
	hirsutissima (douglasi)	Douglas clematis
CLHIS	hirsutissima scottii	Scott clematis
CLLI2	ligusticifolia	Western virginsbower

FORBS		
CLEOM	Cleome spp.	Spiderflower
CLLU	lutea	Yellow spiderflower
CLPL	platycarpa	
CLSE	serrulata	Bee spiderflower
CLSP	sparsifolia	Poverty spiderflower
CLEO2	Cleomella spp.	Cleomella
CLBR2	brevipes	
CLHI	hillmanii	Hillman cleomella
CLOB	obtusifolia	
CLPA	palmerans	Palmer cleomella
CLPA2	parviflora	Slender cleomella
CLPL2	plocasperma	
CLINT	Clintonia spp.	Beadlily
CLUN	uniflora	Queencup or Cornlily
CNICU	Cnicus spp.	Blessed thistle
CNBE	benedictus	Blessed thistle
COLDE	Coldenia spp.	Coldenia
COCA	canescens	Spreading coldenia
COHI	hispidissima	Hairy coldenia
CONU	nuttallii	Nuttall coldenia
COPL	plicata	Desertmat coldenia
COLLI	Collinsia spp.	Blue-eyed Mary
COCH	childii	
COGR	grandiflora	Bluelips collinsia
COPA2	parviflora	Littleflower collinsia
COTO	torreyi	
COLLO	Collomia spp.	Collomia
CODE	debilis	Alpine collomia
COGR2	grandiflora	Bigflower collomia
COLI	linearis	Slenderleaf collomia
COTE	tenella	Mazama collomia
COTI	tinctoria	Yellowstaining collomia
COMAN	Comandra spp.	Comandra
COPA	pallida	Bastard toadflax
COMME	Commelina spp.	Dayflower
CODI	dianthifolia	Birdbill dayflower
CONIO	Conioselinum spp.	Hemlockparsley
COSC	scopulorum	Rocky Mt. hemlockparsley

FORBS		
CONIU	Conium spp.	
COMA	maculatum	poison-hemlock
CONRI	Conringia spp.	Haresear
COOR	orientalis	Treacle haresear
CONVO	Convolvulus spp.	Glorybind, Bindweed, or Morning glory
COAR2	arvensis	European glorybind
COLO	longipes	
COSE	sepium	Hedge glorybind
CONYZ	Conyza spp.	Horseweed
COCA2	canadensis	Canadian horseweed
CORAL	Corallorrhiza spp.	Coralroot
COMA2	maculata	Spotted coralroot
COME	mertensiana	Pacific coralroot
COST	striata	Hooded coralroot
COTR	trifida	Early coralroot
COWI	wisteriana	Wister coralroot
CORDY	Cordylanthus spp.	Birdbeak
COCA3	canescens	
COCA4	capitatus	Clustered budbeak
COHE	helleri	Heller budbeak
COKI	kingii	King budbeak
COLA	laxiflorus	
CONE	nevadensis	Nevada budbeak
COPA3	parviflorus	
CORA	ramosus	Bush birdbeak
COTE2	tecopensis	
COTE3	tenuifolius	Slender budbeak
COTE4	tenuis	
COWR	wrightii	Wright birdbeak
COREO	Coreopsis spp.	Coreopsis
COLA2	lanceolata	Lance coreopsis
COTI2	tinctoria	Plains coreopsis
CORIA	Coriandrum spp.	Coriander
COSA	sativum	Coriander
CORIS	Corispermum spp.	Tickseed, or Bugseed
COEM	emarginatum	
COHY	hyssopifolium	Hyssopleaf tickseed
CONI	nitidum	Nits bugseed
COVI	villosum	

FORBS		
CORON	Coronilla spp.	Coronilla
COMI	minima	Small crownvetch
COVA	varia	Crownvetch coronilla
CORYD	Corydalis spp.	Corydalis
COAU	aurea	Golden corydalis
COAUM	montanum	Mountain corydalis
COCA5	caseana	Fitweed corydalis
CORYP	Coryphantha spp.	Coryphantha
COMI2	missouriensis	Nipple coryphantha
COVI2	vivipara	Cushion coryphantha
COVIA	vivipara	Arizona cushion coryphantha
COVID	vivipara	Desert cushion coryphantha
CREPI	Crepis spp.	Hawksbeard
CRAC	acuminata	Tapertip hawksbeard
CRAT	atrabarba	Slender hawksbeard
CRBA	bakeri	Baker hawksbeard
CRBA2	barbigera	Bearded hawksbeard
CRIN	intermedia	Gray hawksbeard
CRMO	modocensis	Modoc hawksbeard
CRMO2	monticola	Siskiyou hawksbeard
CROC	occidentalis	Western hawksbeard
CRRUG	runcinata	Dandelion hawksbeard
CRSC	glauca	Yellowstone hawksbeard
	scopulorum	hawsbeard
CRESS	Cressa spp.	
CRTR	truxillensis	
CROTO	Croton spp.	Croton
CRCA	californicus	California croton
CRTE	texensis	Texas croton
CRYPT	Cryptantha spp.	Cryptantha
CRAB	abata	
CRAF	affinis	
CRAM	ambigua	Wilkes cryptantha
CRAN	angustifolia	
CRBA3	bakeri	Baker cryptantha
CRBA4	barbigera	
CRBA5	barnebyi	Barneby cryptantha
CRBR	breviflora	
CRCA2	caespitosa	Tufted cryptantha
CRCA3	capitata	
CRCI	circumscissa	Malted cryptantha

FORBS		
CRYPT	Cryptantha spp.	(con.)
CRCO	confertiflora	
CRCR	crassisejala	Plains hiddenflower
CRDE	decipiens	
CRDO	dolosa	
CRDU	dumetorum	
CREC	echinella	
CREC2	echinoides	
CRFE	fendleri	Fendler cryptantha
CRFL3	flaccida	Weakstem cryptantha
CRFL2	flava	Yellow cryptantha
CRFL	flavoculata	Roughseed cryptantha
CRFU	fulvo-canescens	Beggarlice hiddenflower
CRGL	glomeriflora	
CRGR	gracilis	
CRGR2	grahamii	
CRHO	hoffmannii	
CRHU	humilis	
CRIN2	inaequata	
CRIN3	insolita	
CRIN4	interrupta	
CRJA	jamesii	James cryptantha
CRJO	jonesiana	
CRKE	kelseyana	Kelsey cryptantha
CRLO	longiflora	
CRMA	maritima	
CRME	mensana	
CRMI	micrantha	Desert nut
CRMI2	mirabunda	
CRMU	muricata	
CRNA	nana	
CRNE	nevadensis	
CRNU	nubigena	
CROS	osterhoutii	
CROX2	oxygona	
CRPA	paradoxa	
CRPA2	pattersonii	
CRPR	propria	Idaho cryptantha
CRPT	pteroarya	Winged cryptantha
CRRA	racemosa	Forget-me-not cryptantha
CRRE	recurvata	
CRRO	rollinsii	
CRRU	rugulosa	
CRSA	salmonensis	Salmon River cryptantha
CRSE2	scoparia	Desert cryptantha
CRSE2	semiglaba	
CRSE	sericea	
CRSE3	setosissima	
CRSI	simulans	Pine woods cryptantha
CRSU	subretusa	

FORBS		
CRYPT	Cryptantha spp. (con.)	
CRTE2	tenuis	
CRT0	torreyana	Torrey cryptantha
CRUT	utahensis	
CRVI	virginensis	
CRWA	watsonii	Watson cryptantha
CRWE	wetherillii	
CRYP2	Cryptogramma spp.	
CRAC2	acrosti- choides	Rockbrake American rockbrake
CRST	stelleri	Slender rockbrake
CUCUR	Cucurbita spp.	Gourd
CUFO	foetidissima	Buffalogourd
CUSCU	Cuscuta spp.	Dodder
CUAP	approximata	
CUCA	californica	
CUCA2	campestris	Legume dodder
CUCE	cephalanthi	Button dodder
CUCO	coryli	Hazel dodder
CUCU	curta (megalocarpa)	
CUCU2	cuspidata	
CUDE	denticulata	
CUEP	epithymum	Clover dodder
CUGR	gronovii	Gronovius dodder
CUIN	indecora	Bigseed alfalfa dodder
CUNE	nevadensis	
CUOC	occidentalis	
CUPE	pentagona	
CUSA	salina	Saltmarsh dodder
CUWA	warneri	
CYCLO	Cycloloma spp.	Ringwing
CYAT	atriplicifolium	Tumble ringwing
CYMOP	Cymopterus spp.	Spring parsley
CYAB	aboriginum	Indian spring parsley
CYAC	acaulis	Stemless spring parsley
CYAN	anisatus	Anis spring parsley
CYBA	basalticus	Basalt spring parsley
CYBI	bipinnatus	Fernleaf spring parsley
CYBU	bulbosus	Onion spring parsley
CYCI	cinerarius	Great Basin spring parsley
CYCO	corrugatus	
CYCO2	coulteri	Coulteri spring parsley
CYDU	duchesnensis	Utah spring parsley
CYFE	fendleri	Chimaya
CYGI	gilmanii	Gilman spring parsley

FORBS		
CYMOP	Cymopterus spp. (con.)	
CYGL	glaucus	Smooth spring parsley
CYGL2	globosus	
CYGR	grayii	
CYHE	hendersonii	Henderson spring parsley
CYHI	higginsii	
CYIB	ibapensis	
CYJO	jonesii	Jones spring parsley
CYLO	longipes	
CYME	megacephalus	
CYMI	minimum	
CYMU	multi- nervatus	Corkwing spring parsley
CYNE	newberryi	Sweetroot spring parsley
CYNI	nivalis	
CYPE	petraeus	
CYPU	purpurascens	Purple spring parsley
CYPU2	purpureus	
CYRI	ripleyi	
CYRO	rosei	
CYTE	terebinthina	
CYWA	watsoni	Watson spring parsley
CYNAN	Cynanchum spp.	Swallow-wort
CYUT	utahense	
CYNOG	Cynoglossum spp.	Houndstongue
CYOF	officinale	Common houndstongue
CYPRI	Cypripedium spp.	Ladyslipper
CYCA	calceolus	Large yellow ladyslipper
CYCA2	californicum	California ladyslipper
CYFA	fasciculatum	Brownie ladyslipper
CYMO	montanum	Mountain ladyslipper
CYSTO	Cystopteris spp.	Bladderfern
CYBU2	bulbifera	Berry bladderfern
CYFR	fragilis	Brittle bladderfern
CYMO2	montana	Mountain bladdersenna

FORBS		
DALEA	Dalea spp. (Petalostemon)	Indigo bush, dalea, Parry dalea, Prairie- clover
DACA4	candidum	
DAEP	epica	
DAFL	flavescens	Yellow prairie clover
DAFR2	fremontii	
DAOR	ornatum	
DAPA	parryi	Parry dalea
DASE	searlsiae	Searls prairie clover
DAWH	whitingii	Whiting dalea
DATUR	Datura spp.	Datura, jimsonweed
DAME	meteloides	Sacred datura
DAST	stramonium	Jimsonweed, datura
DAUCU	Daucus spp.	Carrot
DACA2	carota	Wildcarrot
DASA	sativa	Garden carrot
DELPH	Delphinium spp.	Larkspur
DEAJ	ajacis	Rocket larkspur
DEAN	andersonii	Anderson larkspur
DEBA	barbeyi	Barbey larkspur
DEBI	bicolor	Little larkspur
DEBU	burkei	Burkes larkspur
DECY	cyanoreios	
DEDE	depauperatum	Slim larkspur
DEDI	diversi- folium	Slender larkspur
DEGE	geyeri	Geyer larkspur
DEGL	glaucum	Sierra larkspur
DENE	nelsonii (menziesii)	Nelson larkspur
DENU	nuttallianum	Nuttall larkspur
DEOC	occidentale	Duncecap larkspur
DEPA	parishii	Parish larkspur
DEPO	polycladon	
DESC	scaposum	Barestem larkspur
DESO2	sonnei	Sonne larkspur
DEST	stachydeum	Rocky Mountain larkspur
DEUM	umatillense	
DEVI	virescens	Plains larkspur
DESCU	Descurainia spp.	Tansymustard
DECA2	californica	California tansymustard
DEOB	obtusa	
DEPI	pinnata	Pinnate tansymustard
DERI	richardsonii (hartwegi- anum)	Richardson tansymustard

FORBS		
DESCU	Descurainia spp. (con.)	
DESO	sophia	Flixweed tansymustard
DIANT	Dianthus spp.	Pink; carnation
DIPI	pinifolius	Pineleaf pink
DICEN	Dicentra spp.	Bleedingheart
DICU	cucullaria	Dutchman's breeches
DIUN	uniflora	Steershead
DICOR	Dicoria spp.	
DIBR	brandegei	
DICA	canescens	
DIPA	paniculata	
DIWE	wetherillii	
DICTA	Dictamnus spp.	Dittany
DIAL	allius	
DIMER	Dimeresia spp.	
DIHO	howellii	
DIPLO	Diploaxis spp.	Wall rocket
DIUM	muralis	Stinking wall rocket
DIPSA	Dipsacus spp.	Teasel
DISY	sylvestris	Venus-cup teasel
DISPO	Disporum spp.	Fairybells
DIHO2	hookeri	Hooker fairybells
DITR	trachycarpum	Wartberry fairybells
DITHY	Dithyrea spp.	Spectacle-pod
DICA2	californica	California spectacle-pod
DIWI	wislizenii	Wislizenus spectacle-pod
DODEC	Dodecatheon spp.	Shootingstar
DOAL	alpinum	Alpine shootingstar
DOCO	conjugens	Sailorscaps shootingstar
DODE	dentatum	Dentate shootingstar
DOJE	jeffreyi	Jeffrey shootingstar
DOPU	pulchellum	Darkthroat shootingstar
DORE	redolens	
DOWNI	Downingia spp.	Downingia
DOBA	bacigalupii	
DOBI	bicornuta	
DOEL	elegans	

FORBS		
DOWNI	Downingia spp. (con.)	
DOIN	insignis	
DOLA	laeta	
DRABA	Draba spp.	Draba
DRAR	argyraea	
DRAR2	arida	
DRAS	asprella	
DRAS2	asterophora	
DRAU	aurea (luteola)	Golden draba
DRBR	brachystylis	Short fruited draba
DRBR2	breweri	Brewer's draba
DRCR	crassa	
DRCR2	crassifolia	Hairy whitlowgrass
DRCU	cuneifolia	
DRDEA	densifolia	Rockcress draba
DRDO	douglasii	Douglas draba
DRFL	fladnizensis	Arctic draba
DRIN	incerta	Yellowstone draba
DRLA	lanceolata	Lanceolate draba
DRMA	maguirei	
DRNE	nemorosa	Woods draba
DRNI	nivalis	Snow draba
DROLP	oligosperma	
DROR	pectinipila	Snowbank draba
DRPA	oreibata	Limestone draba
DRPE	paysonii	Payson draba
DRPR	pectinipila	
DRPR	praealta	
DRQU	quadricostata	
DRRE	rectifructa	Mountain draba
DRRE2	reptans	Carolina draba
DRSO	sobolifera	Showy draba
DRSP	spectabilis	
DRSP2	sphaerocarpa	Globefruited draba
DRST	stenoloba	Alaska draba
DRSU	subalpina	Skinny draba
DRVE2	ventosa	
DRVE	verna	Spring draba
DRZI	zionensis	Utah draba
DRACO	Dracocephalum spp.	Dragonhead
DRNU	nuttallii	American dragonhead
DROSE	Drosera spp.	Sundew
DRAN	anglica	English sundew
DRRO	rotundifolia	Roundleaf sundew
DRYOP	Dryopteris spp.	Woodfern
DRDI	dilatata	Mountain woodfern
DRFI	filixmas	Male fern

FORBS		
DRYOP	Dryopteris spp. (con.)	
DRIN2	intermedia	Common woodfern
DRSP2	spinulosa	Toothed woodfern
DUDLE	Dudleya spp.	Dudleya
DUAR	arizonica	Arizona dudleya
DYSSO	Dyssodia spp.	Dogweed
DYAC	acerosa	Prickleleaf dogweed
DYCO	cooperi	
DYPE	pentachaeta	
DYPO	porophylloides	
DYTH	thurberi	Thurber dogweed
EATON	Eatonella spp.	Eatonella
EANI	nivea	Sierra eatonella
EBURO	Eburophyton spp.	Phantom orchid
EBAU	austinae	Austin phantom orchid
ECHI4	Echinocystis spp.	Mock-cucumber
ECLO	lobata	Wild mock-cucumber
ECHI5	Echinodorus spp.	Burhead
ECBE	berterol	Burhead
ECHI6	Echinops spp.	Globethistle
ECRI	ritro	Small globethistle
ECEX	exaltatus	Russian globethistle
ELATI	Elatine spp.	Waterwort
ELBR	brachysperma	Shortseed waterwort
ELRU	rubella	
EMMEN	Emmenanthe spp.	Whisperingbells
EMPA	parviflora	Sagebrush whisperingbells
EMPE	penduliflora	Yellow whisperingbells
ENCE2	Enceliopsis spp.	Enceliopsis
ENAR	argophylla	Silverleaf enceliopsis
ENNU	nudicaulis	Barestem enceliopsis
ENNU2	nutans	

FORBS		
EPILO	Epilobium spp.	Willowweed
EPAD	adenocaulon	Sticky willowweed
EPAL	alpinum (hornemannii)	Alpine willowweed
EPAN	angustifolium	Fireweed
EPCI	ciliatum	
EPGL	glaberrimum	
EPGL2	glandulosum	Glandular willowweed
EPLA	latifolium	Red willowweed
EPMI	minutum	
EPOB	obcordatum	
EPPA2	palustre	
EPPA	paniculatum	Autumn willowweed
EPIPA	Epipactis spp.	Epipactis
EPGI	gigantea	Stream epepactis
EQUIS	Equisetum spp.	Horsetail
EQAR	arvense	Field horsetail
EQFU	funstonii	Funston horsetail
EQHYC	hyemale	Western horsetail
EQKA	kansanum	Kansas scouring-rush
EQLA	laevigatum	Smooth horsetail
EQPA	palustre	Marsh horsetail
EQPR	pratense	Meadow horsetail
EQVA	variegatum	Variiegated horsetail
EREMO	Eremocrinum spp.	
ERAL2	albomarginatum	
ERIAS	Eriastrum spp.	Eriastrum
ERDE	densifolium	
ERDI2	diffusum	
ERER	eremicum	
ERSP	sparsiflorum	
ERIGE	Erigeron spp.	Fleabane, daisy
ERAB	abajensis	
ERAC	acris	Bitter fleabane
ERAP	aphanactis (concinus)	Hairy fleabane
ERAR2	arenarioides	
ERAR	argentatus	
ERAS	asperugineus	
ERBE	bellidiastrum	
ERBL	bloomeri	Bloomer fleabane
ERBR	breweri	
ERCA3	caespitosus	Tufted fleabane

FORBS		
ERIGE	Erigeron spp. (con.)	
ERCA2	canus	Hoary fleabane
ERCH2	chrysopsidis	Dwarf yellow fleabane
ERCL	clokeyi	
ERCO2	compactus	
ERCO3	compositus	Fernleaf fleabane
ERCO	corymbosus	Purpledaisy fleabane
ERCO4	coulteri	Coulter fleabane
ERCR	cronquistii	
ERDI3	disparipilus	
ERDI4	divergens	Spreading fleabane
EREA	eatonii	Eaton fleabane
EREL3	elatior	Tall fleabane
EREL4	elegantulus	
EREN	engelmannii	Engelmann fleabane
EREV	evermannii	Evermann daisy
ERFI	filifolius	Threadleaf fleabane
ERFL	flagellaris	Trailing fleabane
ERFO	formosissimus	Wild daisy
ERGA	garrettii	
ERGL	glabellus	Smooth fleabane
ERIN	inornatus	
ERJO	jonesii	
ERKA	kachinensis	
ERLA4	latus	
ERLE	leiomerus	Yellow fleabane
ERLO	lonchophyllus	Spearleaf fleabane
ERMA	macranthus	Aspen fleabane
ERMA2	maguirei	
ERMA3	mancus	
ERME2	melanocephalus	
ERNA	nanus	Dwarf fleabane
ERNA2	nauseosus	
ERNA3	navidincola	
EROV2	ovinus	
ERPE	peregrinus	Peregrine fleabane
ERPE2	petiolaris	
ERPH	philadelphicus	Philadelphia fleabane
ERPO	poliospermus	Cushion fleabane
ERPU	pulcherrimus	Basin fleabane
ERPU2	pumilus	Low fleabane
ERPY	pygmaeus	
ERRE	religiosus	
ERSI	simplex	Oneflower fleabane

FORBS	
ERIGE	Erigeron spp. (con.)
ERSPM	speciosus Oregon macranthus fleabane
ERST	strigosus Rough fleabane
ERSU	subtrinervis Threenerve fleabane
ERSU2	superbus
ERTE	tener
ERTW	tweedyi
ERUI	uintahensis
ERUN	uncialis
ERUR	ursinus Bear River fleabane
ERUT	utahensis Utah fleabane
ERVA	vagus
ERWA	watsonii Watson fleabane
ERIOG	Eriogonum or spp. Wild buckwheat
ERAC2	acaule
ERAL	alatum Wing eriogonum
ERAM	ampullaceum
ERAR3	arcautum
ERAR4	aretioides
ERAU	aureum
ERBA2	baileyi Bailey wild buckwheat
ERBA3	batemanii Bateman wild buckwheat
ERBI	bicolor
ERBR2	brevicaule Shortstem wild buckwheat
ERCA	caespitosum Mat eriogonum
ERCA4	campanu- latum
ERCE	cernuum Nodding eriogonum
ERCH	chryso- cephalum Goldball eriogonum
ERCL2	clavellatum
ERCL3	clutei
ERCO5	collinum
ERCO6	compositum Northern eriogonum
ERCO7	corymbosum Corymbid eriogonum
ERDA	darrovii
ERDA2	davisianum
ERDE2	deflexum Skeltonweed wild buckwheat
ERD15	divaricatum
ERDO	douglasii Douglas eriogonum
ERDU	dudleyianum
EREF	effusum Rush eriogonum
EREL	elatum
ERES	esmeraldense
ERFA	fascicu- latum Flattop eriogonum
ERFI2	filicaule
ERFL2	flavum Yellow eriogonum
ERGL2	glandulosum
ERGO	gordonii
ERHE	heermanii Mohave eriogonum

FORBS	
ERIOG	Eriogonum spp. (con.)
ERHO	hookerii
ERHO2	howellii
ERIN2	inflatum Desert trumpet eriogonum
ERJA	jamesii James eriogonum
ERJO2	jonesii Jones wild buckwheat
ERKE	kennedyi Kennedy eriogonum
ERKI	kingii
ERLA2	lachnogynum
ERLA3	latens Inyo eriogonum
ERLE2	lemmonii Lemmon wild buckwheat
ERLE3	leptocladon
ERLE4	leptophyllum Slender wild buckwheat
ERLO2	lobbii Granite eriogonum
ERLO3	loganum
ERLO2	loncho- phyllum Umbrella plant
ERMA4	maculatum
ERMA5	marifolium Mountain eriogonum
ERME3	mearnsii
ERMO	monticola
ERNI	nidularium Birdsnest eriogonum
ERNI2	niveum Snow eriogonum
ERNO	nodosum Sonoran eriogonum
ERNU2	nudicaule
ERNU	nudum Barestem eriogonum
ERNU3	nummulare
ERNU4	nutans
EROC	ochro- cephalum Woolly eriogonum
EROS	ostlundii
ERPA	parryi
ERPH2	pharna- ceoides Wirestem eriogonum
ERPI	piperi Piper eriogonum
ERPL	plumatella Yucca eriogonum
ERPU3	puberulum
ERRA	racemosum Redroot eriogonum
ERRA2	ramosissimum
ERRE2	reniforme Kidneyleaved eriogonum
ERRH	rhondanthum
ERRO	rosense
ERRU	rubricaule Red wild buckwheat
ERSA	salsuginosum
ERSE	sessile
ERSH	shockleyi Shockley wild buckwheat
ERSI2	simpsonii Simpson wild buckwheat

FORBS	
ERIOG	Eriogonum spp. (con.)
ERSP2	spatulatum
ERSP3	sperculinum
ERST2	strictum
ERSU3	subreniforme
ERTE2	tenellum Matted wild buckwheat
ERTH	thomasii Thomas wild buckwheat
ERTH2	thymoides Thyme eriogonum
ERTR2	trichopes Little desert trumpet
ERUM	umbellatum (neglectum) Sulfur eriogonum
ERVI	villiflorum Broom eriogonum
ERVI2	vimineum
ERVI3	viscidulum
ERWA2	wahsatchense
ERWE	wetherillii
ERWR	wrightii Wright eriogonum
ERZ1	zionis
ERIO3	Eriophyllum spp. Eriophyllum
ERAM2	ambiguum
ERLA	lanatum Woolly eriophyllum
ERLAI	lanatum integrifolium
ERPR	pringlei
ERWA3	wallacei Wallace eriophyllum
ERITR	Eritrichium spp.
ERNA4	nanum
ERODI	Erodium spp. Storksbill or Filaree
ERCI	cicutarium Alfileria
ERTE3	texanum Texas storksbill
ERUCA	Eruca spp.
ERSA2	sativa Rocket salad
ERYNG	Ernygium spp. Eryngo
ERAL5	alismaefolium Inland eryngo
ERAR5	articulatum Beethistle eryngo
ERYSI	Erysimum spp. Wallflower
ERAR5	argillosum
ERAS	asperum Plains erysimum
ERCH4	cheir- anthoides Treacle erysimum
ERIN3	inconspicuum Smallflower (parviflorum) erysimum
ERNI3	nivale Snowy erysimum
ERRE3	repandum Spreading erysimum

FORBS	
ERYTH	Erythronium Fawnlily or spp. dogtooth violet
ERGR2	grandiflorum Lambstongue fawnlily
ESCHS	Eschscholtzia spp. Goldpoppy
ESCA	californica California poppy
ESGL	glyptosperma Desert goldpoppy
ESME	mexicana Mexican goldpoppy
ESMI	minutiflora Little goldpoppy
EUCLI	Euclidium spp.
EUSY	syriacum
EUCNI	Eucnide spp. Rocknettle
EUUR	urens Stingbush
EUCRY	Eucrypta spp.
EUCH	chrysanthemifolia
EUMI	micrantha
EUPAT	Eupatorium spp. Eupatorium
EUHE	herbaceum White
EUMA	maculatum Spotted joe-pye-weed
EUOC	occidentale Western eupatorium
EUPHO	Euphorbia spp. Euphorbia
EUAL	albo- marginata Whitemargin euphorbia
EUAR	arizonica
EUCR	crenulata Beetle euphorbia
EUCY	cyparissias Cypress euphorbia
EUDE	dentata Toothed euphorbia
EUES	esula Leafy euphorbia
EUFE	fendleri Fendler euphorbia
EUGL	glyptosperma Ridgeseed euphorbia
EUIN	incisa
EULA	lathyris Caper euphorbia
EULU	lurida Shiny euphorbia
EUMI2	micromera Littleleaf euphorbia
EUNE	nephradenia
EUOC2	ocellata
EUPA2	palmeri Palmer euphorbia
EUPA	parryi
EUPH	phlorus
EUPO	polycarpa
EUPO2	polygona Polygon euphorbia
EURO	robusta Robust euphorbia
EUSE	serpylli- folia Thymeleaf euphorbia
EUSE2	setiloba Yuma euphorbia
EUSP	spathula

FORBS		
<u>FAGON</u> <u>FACA</u>	Fagonia spp. californica	Fagonia California fagonia
<u>FILAG</u> <u>FICA2</u>	Filago spp. californica	Pluffweed California fluffweed
<u>FLAVE</u> <u>FLCA</u>	Flaveria spp. campetris	
<u>FLOER</u> <u>FLPR</u>	Floerkea spp. proserpina- coides	False mermaid False mermaid
<u>FOENI</u> <u>FOVU</u>	Foeniculum spp. vulgare	Fennel Common fennel
<u>FRAGA</u> <u>FRVE</u>	Fragaria spp. vesca	Strawberry European strawberry
<u>FRVI</u>	virginiana	Virginia strawberry
<u>FRANS</u>	Franseria spp.	(see Ambrosia)
<u>FRASE</u> <u>FRAL2</u> <u>FRAL</u>	Frasera spp. albicaulis albomargin- ata	Frasera or Elkweed Whitemargin frasera
<u>FRMO2</u> <u>FRPA</u> <u>FRPU2</u> <u>FRSP</u>	montana paniculata puberulenta speciosa	Small frasera Showy frasera
<u>FRITI</u>	Fritillaria spp.	Fritillary
<u>FRAT</u>	atropurpurea	Purplespot fritillary
<u>FRPI</u>	pinetorum	Pineywoods fritillary
<u>FRPU</u> <u>FRRE</u>	pudica recurva	Yellow fritillary Scarlet fritillary
<u>FUMAR</u> <u>FUOF</u>	Fumaria spp. officinalis	Fumitory Drug fumitory
<u>GAILL</u>	Gaillardia spp.	Gaillardia;
<u>GAAR</u>	aristata	blanketflower Common perennial gaillardia
<u>GAAR2</u> <u>GAFI</u> <u>GAME</u> <u>GAMU2</u> <u>GAPA</u> <u>GAPI</u> <u>GASP</u>	arizonica flava mearnsii multiceps parryi pinnatifida spathulata	

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FORBS		
<u>GALEG</u> <u>GAOF</u>	Galega spp. officinalis	Goatsrue Common goatsrue
<u>GALIN</u> <u>GAPA2</u>	Galinsoga spp. parviflora	Quickweed Little flower quickweed
<u>GALIU</u> <u>GAAPA</u> <u>GAAPE</u>	Galium spp. aparine aparine aparine echinospermum	Bedstraw Catchweed bedstraw
<u>GABI</u>	bifolium	Twinleaf bedstraw
<u>GABO</u>	boreale	Northern bedstraw
<u>GACO2</u> <u>GAGR</u> <u>GAHY</u> <u>GAMA</u> <u>GAME2</u>	coloradoense grayanum hypotrichium magnifolium mexicanum (asperrimum)	
<u>GAMU</u>	multiflorum	Rough bedstraw
<u>GAMU3</u> <u>GAPA3</u> <u>GAPR</u> <u>GARO</u>	munzii parishii proliferum rothrockii	Shrubby bedstraw Munz bedstraw Parish bedstraw Rothrock bedstraw
<u>GARU</u> <u>GASE</u> <u>GAST</u> <u>GATR</u> <u>GATR2</u>	rubiodes serpenticum stellatum trifidum triflorum	Small bedstraw Sweetscented bedstraw
<u>GAWA</u>	watsonii	
<u>GAURA</u> <u>GACO</u> <u>GAPA4</u>	Gaura spp. coccinea parviflora	Gaura Scarlet gaura Small flower
<u>GAYOP</u> <u>GAHU2</u> <u>GANU</u>	Gayophytum spp. humile nuttallii (diffusum)	Groundsmoke Bigflower groundsmoke
<u>GARA2</u> <u>GARA</u>	racemosum (caesium) ramosissimum	Branchy groundsmoke
<u>GENTI</u> <u>GEAF</u>	Gentiana spp. affinis	Gentian Rocky Mountain pleated gentian
<u>GEAL</u> <u>GEAMH</u>	algida amarella	Annual gentian
<u>GEBA</u> <u>GECA</u>	barbellata calycosa	Rainier pleated gentian

FORBS		
<u>GENTI</u> <u>GEDE</u> <u>GEFR2</u> <u>GEHO</u> <u>GENE</u> <u>GEOR</u> <u>GEPA</u> <u>GEPR</u> <u>GESI</u> <u>GETE</u>	Gentiana spp. (con.) detonsa fremontii holopetala newberryi oregana parryi prostrata simplex tennella	Newberry gentian Oregon gentian Parry gentian
<u>GERAE</u> <u>GECA2</u>	Geraea spp. canescens	Desertgold
<u>GERAN</u> <u>GEBI</u> <u>GECA3</u> <u>GECA4</u>	Geranium spp. bricknellii caespitosum carolini- anum	Geranium Bricknell Purple geranium Carolina geranium
<u>GEFR</u> <u>GEMA2</u> <u>GENE2</u> <u>GEPA2</u> <u>GEPR2</u> <u>GEPU</u> <u>GERI</u>	fremontii marginale nervosum parryi pratense pusillum richard- sonii	Fremont geranium Parry geranium Meadow geranium Small geranium Richardson geranium
<u>GESA</u> <u>GETUM</u>	sanguineum tuberosum	Bloodred geranium
<u>GEVIN</u> <u>GEVIV</u>	viscosissi- mum nervosum viscosissi- mum	Sticky geranium
<u>GEUM</u> <u>GEAL2</u> <u>GEMA</u> <u>GERO</u> <u>GETR</u>	Geum spp. aleppicum macrophyllum rossii triflorum	Avens Aleppo avens Largeleaf avens Golden avens
<u>GILIA</u> <u>GIAL</u> <u>GIAU</u>	Gilia spp. (see Ipomopsis) aliquanta austroocci- dentalis	Gilia
<u>GIBR</u> <u>GICA5</u> <u>GICA</u> <u>GICA2</u> <u>GICA3</u> <u>GICA4</u> <u>GICL</u>	brecciarum caespitosa calcareo campanulata cana capillaris clokeyi	Sticky gilia
<u>GILIA</u> <u>GIDE</u> <u>GIFI</u> <u>GIGI</u> <u>GIGU</u> <u>GIHU</u>	Gilia spp. (con.) depressa filiiformis gilioides gunnisonii hutchini- folia	
<u>GIIN</u> <u>GIIN2</u> <u>GIIN3</u> <u>GILA</u> <u>GILE</u> <u>GILE2</u> <u>GILO</u> <u>GIMC</u> <u>GIMO</u> <u>GIMU</u> <u>GIOP</u> <u>GIPO</u> <u>GIPO2</u> <u>GIPU</u> <u>GIRI</u> <u>GIRO</u> <u>GISC</u> <u>GISIT</u>	inconspicua interior inyoensis latifolia leptantha leptomeria longiflora mcvickerae modocensis multiflora opthalmoides polyantha polycladon pumila ripleyi roseata scopulorum sinuata spicata stellata subnuda tenerrima tenuituba transmontana violaceum	Shy gilia
<u>GLAUC</u> <u>GLSU</u>	Glauco-carpum spp. suffrutescens	
<u>GLAUX</u> <u>GLMA</u>	Glaux spp. maritima	Saltwort; sea milkwort Sea milkwort
<u>GLYCY</u> <u>GLGL</u> <u>GLLE</u>	Glycyrrhiza spp. glabra lepidota	Licorice Common licorice American licorice
<u>GLYPT</u> <u>GLMA2</u> <u>GLSE</u>	Glyptopleura spp. marginata setulosa	
<u>GNAPH</u> <u>GNCH</u>	Gnaphalium spp. chilense	Cudweed; everlasting Cottonbatting cudweed

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FORBS	
<u>GNAPH</u>	Gnaphalium spp. (con.)
<u>GNGR</u>	grayi
<u>GNMA</u>	macounii Clammy cudweed
<u>GNPA</u>	palustre
<u>GOODY</u>	Goodyera spp. Rattlesnake plantain
<u>GOOB</u>	oblongifolia Western rattlesnake plantain
<u>GORE</u>	repens Creeping rattlesnake plantain
<u>GRATI</u>	Gratiola spp. Hedge-hyssop
<u>GREB</u>	ebracteata
<u>GRNE</u>	neglecta
<u>GRIND</u>	Grindelia spp. Gumweed; bumplant, resinweed
<u>GRAP</u>	aphanactis camporum Field gumweed
<u>GRFA</u>	fastigiata
<u>GRLA</u>	laciniata
<u>GRNA</u>	nana Low gumweed
<u>GRSQ</u>	squarrosa Curlycup gumweed
<u>GYMNO</u>	Gymnocarpium spp. Oak fern
<u>GYDR</u>	dryopteris Oak fern
<u>GYMN3</u>	Gymnosteris spp.
<u>GYNU</u>	nudicaulis
<u>GYPA</u>	parvula
<u>GYPSO</u>	Gypsophila spp. Gypsophila
<u>GYPA2</u>	paniculata Babysbreath
<u>GYPE</u>	perfoliata Claspings
<u>HABEN</u>	Habenaria spp. Habenaria, rain orchid, bog-orchid
<u>HADID</u>	dilatata dilatata White bog-orchid
<u>HADIL</u>	dilatata leucostachys Milkwhite habenaria
<u>HAOB</u>	obtusata
<u>HASA</u>	saccata Modoc habenaria
<u>HASP</u>	sparsiflora Canyon habenaria
<u>HAUN</u>	unalascensis Alaska habenaria
<u>HAVI</u>	viridis Satyr habenaria

FORBS	
<u>HACKE</u>	Hackelia spp. Stickseed, wild forget-me-not
<u>HACI</u>	cinerea
<u>HACU</u>	cusickii
<u>HADI2</u>	diffusa Spreading stickseed
<u>HAFL</u>	floribunda Showy stickseed
<u>HAJE</u>	jessicae Jessicacae stickseed
<u>HAPA</u>	patens
<u>HALI2</u>	Halimolobos spp. Halimolobos
<u>HADI3</u>	diffusa
<u>HAPEP</u>	perplexa Puzzling halimolobos
<u>HAPEI</u>	perplexa lemhiensis
<u>HAVI2</u>	virgata
<u>HALOG</u>	Halogeton spp. Halogeton
<u>HAGL</u>	glomeratus Halogeton
<u>HAPLO</u>	Haplopappus spp. (Aplopappus) Goldenweed
<u>HAAB</u>	aberrans
<u>HAAC</u>	acaulis Stemless goldenweed
<u>HAAP</u>	apargioides
<u>HAAR</u>	armerioides Thrifty goldenweed
<u>HACA</u>	carthamoides
<u>HACL</u>	clementis
<u>HACO</u>	contractus
<u>HACO2</u>	cooperi Cooper goldenweed
<u>HACR</u>	croceus
<u>HADR</u>	drummondii Drummond goldenweed
<u>HAGR</u>	gracilis Slender goldenweed
<u>HAGR2</u>	greenei Greenes goldenweed
<u>HAHI</u>	hirtus
<u>HAIN</u>	insecticruris Wholeleaf goldenweed
<u>HALA</u>	lanceolatus Lanceleaf goldenweed
<u>HALA2</u>	lanuginosus
<u>HALY</u>	lyallii
<u>HANU</u>	nuttallii
<u>HAPA2</u>	parryi
<u>HAPY</u>	pygmaeus
<u>HASP2</u>	spinulosus Ironplant goldenweed
<u>HAST</u>	stenophyllus
<u>HAUN2</u>	uniflorus Plantain goldenweed
<u>HARBO</u>	Harbouria spp.
<u>HATR</u>	trachypleura
<u>HECAS</u>	Hecastocleis spp.
<u>HESH</u>	shockleyi

FORBS	
<u>HEDEO</u>	Hedeoma spp. Mock pennyroyal
<u>HENA</u>	nanum
<u>HEDYS</u>	Hedysarum spp. Sweetvetch
<u>HEBO</u>	boreale (cinerascens) Northern sweetvetch
<u>HEBOG</u>	boreale boreale Utah sweetvetch
<u>HECO</u>	germinale coronarium Sulla sweetvetch
<u>HEGR</u>	gremiale
<u>HEOC</u>	occidentale Western sweetvetch
<u>HESU</u>	sulphure-scens Sulfur sweetvetch
<u>HELEN</u>	Helenium spp. Sneezeweed
<u>HEAU</u>	autumnale Common sneezeweed
<u>HEBI</u>	bigelovii Bigelow sneezeweed
<u>HEHO</u>	hoopesii Orange sneezeweed
<u>HELIA</u>	Helianthella spp. Helianthella
<u>HECA</u>	californica California helianthella
<u>HEMI</u>	microcephala
<u>HEQU</u>	quinquener-vis Fivenerve helianthella
<u>HEUN</u>	uniflora Oneflower helianthella
<u>HELI2</u>	Helianthus spp. Sunflower
<u>HEAN</u>	annuus Common sunflower
<u>HEAN2</u>	anomalus
<u>HECU</u>	cusickii
<u>HEDE</u>	deserticolus
<u>HEGRS</u>	grosse serratus Sawtooth sunflower
<u>HEMA</u>	maximilianus Maximilian sunflower
<u>HENU</u>	nuttallii
<u>HEPE</u>	petiolaris Prairie sunflower
<u>HELIO</u>	Heliotropium spp. Heliotrope
<u>HECO2</u>	convolvulaceum Bindweed heliotrope
<u>HECU2</u>	curassavicum Salt heliotrope
<u>HERAC</u>	Heraclium spp. Cowparsnip
<u>HELA</u>	lanatum Common cowparsnip
<u>HERMI</u>	Hermidium spp.
<u>HEAL</u>	alipes

FORBS	
<u>HESPE</u>	Hesperochiron spp.
<u>HECA2</u>	californicus
<u>HEPU</u>	pumilus
<u>HETER</u>	Heterocodon spp.
<u>HERA</u>	rariflorum
<u>HETE2</u>	Heterotheca spp. (chrysopsis) Goldaster
<u>HEBR</u>	breweri Brewer goldaster
<u>HEFO</u>	foliosa Leafy goldaster
<u>HEJO</u>	jonesii
<u>HEVI</u>	villosa Hairy goldaster
<u>HEUCH</u>	Heuchera spp. Alumroot
<u>HECY</u>	cylindrica (ovalifolia) Roundleaf alumroot
<u>HEDU</u>	duranii
<u>HEGR2</u>	grossulariifolia
<u>HEPA</u>	parvifolia Littleleaf alumroot
<u>HERU</u>	rubescens Red alumroot
<u>HEVE</u>	versicolor Painted alumroot
<u>HIBIS</u>	Hibiscus spp. Rosemallow
<u>HITR</u>	trionum Flower-of-an-hour
<u>HIERA</u>	Hieracium spp. Hawkweed
<u>HIAL</u>	albiflorum White hawkweed
<u>HICY</u>	cynoglossoides Houndstongue hawkweed
<u>HIFE</u>	feneleri
<u>HIGR</u>	gracile Slender hawkweed
<u>HISC</u>	scouleri Woollyweed
<u>HIPPO</u>	Hippocrepis spp.
<u>HICO</u>	comosa
<u>HIGL</u>	glauca
<u>HIMU</u>	multisiliquosa
<u>HIPPU</u>	Hippuris spp. Marestalk
<u>HIVU</u>	vulgaris Marestalk
<u>HOFFM</u>	Hoffmanseggia spp. Rushpea
<u>HORE</u>	repens
<u>HOFME</u>	Hofmeisteria spp.
<u>HOPL</u>	pleuriseta Bush arrowleaf
<u>HOLOS</u>	Holosteum spp.
<u>HOUM</u>	umbellatum
<u>HORKE</u>	Horkelia spp. Horkelia
<u>HOFU</u>	fusca Tawni horkelia
<u>HOHI</u>	hispidula

FORBS		
<u>HULSE</u>	Hulsea spp.	
<u>HUAL</u>	algida	
<u>HUHE</u>	heterochroma	
<u>HUVE</u>	vestita	
<u>HUMUL</u>	Humulus spp.	Hop
<u>HUAM</u>	americanus	American hop
<u>HULU</u>	lupulus	Common hop
<u>HUTCH</u>	Hutchinsia spp.	
<u>HUPR</u>	procumbens	
<u>HYDRO</u>	Hydrocotyle spp.	Pennywort
<u>HYVE</u>	verticillata	Whorled pennywort
<u>HYDR2</u>	Hydrophyllum	Waterleaf
	spp.	
<u>HYCA</u>	capitatum	Ballhead waterleaf
<u>HYFE</u>	fendleri	Fendler waterleaf
<u>HYOC</u>	occidentale	Western waterleaf
<u>HYME2</u>	Hymenopappus	Hymenopappus
<u>HYFIF</u>	filifolius	Fineleaf
	filifolius	hymenopappus
<u>HYFIC</u>	filifolius	
	cinerus	
<u>HYFIE</u>	filifolius	
	eriododus	
<u>HYFII</u>	filifolius	
	idahoensis	
<u>HYME3</u>	Hymenoxys spp.	Hymenoxys
<u>HYAC</u>	acaulis	Stemless hymenoxys
<u>HYCO</u>	cooperi	
<u>HYGR</u>	grandiflora	Graylocks hymenoxys
<u>HYHE</u>	helenioides	
<u>HYIV</u>	ivesiana	
<u>HYLE</u>	lemmonii	
<u>HYRI</u>	richardsonii	Pingue hymenoxys
<u>HYSC</u>	scaposa	
<u>HYSU</u>	subintegra	
<u>HYTO</u>	torreyana	
<u>HYOSC</u>	Hyoscyamus spp.	Henbane
<u>HYNT</u>	niger	Black henbane
<u>HYPER</u>	Hypericum spp.	St. Johns-wort
<u>HYAN</u>	anagalloides	Trailing St. Johns-wort
<u>HYFO</u>	formosum	Southwestern St. Johns-wort
<u>HYPE</u>	performatum	Klamath weed
<u>HYFOS</u>	scouleri	Scouler St. Johns-wort
<u>HYSSO</u>	Hyssopus spp.	Hyssop
<u>HYOFA</u>	officinalis	
	albus	Hyssop

FORBS		
<u>IDAHO</u>	Idahoia spp.	
<u>IDSC</u>	scapigera	
<u>ILIAM</u>	Iliamna spp.	
<u>ILGR</u>	grandiflora	Wild hollyhock
<u>ILRIR</u>	rivularis	Stream iliamna
	rivularis	
<u>ILRID</u>	rivularis	
	diversa	
<u>INULA</u>	Inula spp.	Inula
<u>INHE</u>	helenium	Elecampane inula
<u>IPOMP</u>	Ipomopsis	
	spp. (Gilia)	
<u>IPAG</u>	aggregata	Skyrocket gilia
<u>IPCO</u>	congesta	Ballhead gilia
<u>IRIS</u>	Iris spp.	Iris
<u>IREN</u>	ensata	Russian iris
<u>IRGE</u>	germanica	German iris
<u>IRMI</u>	missouriensis	Rocky Mountain iris
<u>ISATI</u>	Isatis spp.	Woad
<u>ISTI</u>	tinctoria	Dyers woad
<u>ISOET</u>	Isoetes spp.	Quillwort
<u>ISBO</u>	bolanderi	Bolander quillwort
<u>ISHO</u>	howellii	Howell quillwort
<u>ISME</u>	melanopoda	Blackfoot quillwort
<u>ISNU</u>	nuttallii	Nuttall quillwort
<u>ISOC</u>	occidentalis	
<u>IVA</u>	Iva spp.	Sumpweed
<u>IVAX</u>	axillaris	Poverty sumpweed
<u>IVNE</u>	nevadensis	
<u>IVXA</u>	xanthifolia	Rag sumpweed
<u>IVESI</u>	Ivesia spp.	Ivesia
<u>IVBA</u>	baileyi	
<u>IVGO</u>	gordonii	Gordon ivesia
<u>IVKI</u>	kingii	
<u>IVLY</u>	lycopoidoides	
<u>IVPU</u>	purpurascens	
<u>IVSA</u>	sabulosa	
<u>IVUT</u>	utahensis	Utah ivesia
<u>IVWE</u>	webberi	
<u>KELLO</u>	Kelloggia spp.	
<u>KEGA</u>	galioides	
<u>KELSE</u>	Kelseya spp.	Kelseya
<u>KEUN</u>	uniflora	

FORBS		
<u>KOCHI</u>	Kochia spp.	Summer cypress
<u>KOAC</u>	californica	California summer cypress
<u>KOTN</u>	indica	
<u>KOIR</u>	iranica	
<u>KOSP</u>	scoparia	Belvedere summer cypress
<u>KUHNI</u>	Kuhnia spp.	False boneset
<u>KUEU</u>	eupatoroides	
<u>LACTU</u>	Lactuca spp.	Lettuce
<u>LACA</u>	canadensis	Canada lettuce
<u>LAPU</u>	pulchella	Chicory lettuce
<u>LASE</u>	serriola	(integrata) Prickly lettuce
<u>LAGOP</u>	Lagophylla spp.	
<u>LARA</u>	ramosissima	
<u>LAMIU</u>	Lamium spp.	Deadnettle
<u>LAAM</u>	amplexicaule	Henbit deadnettle
<u>LAPU2</u>	purpureum	Purple deadnettle
<u>LANGL</u>	Langloisia spp.	
<u>LAMA</u>	matthewsii	
<u>LAPU3</u>	punctata	
<u>LASC</u>	schottii	
<u>LASE2</u>	setosissima	
<u>LAPPU</u>	Lappula spp.	Stickseed
<u>LAEC</u>	echinata	European stickseed
<u>LAOC</u>	occidentalis	Annual (redowskii) stickseed
<u>LATHY</u>	Lathyrus spp.	Peavine
<u>LAAR</u>	arizonicus	Arizona peavine
<u>LABI</u>	bijugatus	Dark park peavine
<u>LABR</u>	brachycalyx	
<u>LAEU</u>	eucosmus	Bush peavine
<u>LALA</u>	lanswertii	Thickleaf peavine
<u>LALA2</u>	latifolius	Perennial peavine
<u>LALF</u>	leucanthus	Aspen peavine
<u>LANE</u>	nevadensis	Nevada peavine
<u>LAOD</u>	odoratus	Sweetpea
<u>LAPA</u>	pauciflorus	Fewflower peavine
<u>LARI</u>	rigidus	
<u>LASY</u>	sylvestris	Flat peavine
<u>LAZI</u>	zionis	Utah peavine
<u>LAYIA</u>	Layia spp.	Tidytops
<u>LAGL</u>	glandulosa	Whitedaisy tidytops
<u>LEMNA</u>	Lemna spp.	Duckweed
<u>LEGI</u>	gibba	Swollen duckweed
<u>LEMI</u>	minima	Least duckweed
<u>LEMI2</u>	minor	Common duckweed
<u>LETR</u>	trifulca	Star duckweed
<u>LEVA</u>	valdiviana	
<u>LEONU</u>	Leonurus spp.	Motherwort
<u>LECA</u>	cardiaca	Common motherwort

FORBS		
<u>LEPID</u>	Lepidium spp.	Pepperweed
<u>LEBA2</u>	barnebyanum	
<u>LECA2</u>	campestre	Field pepperweed
<u>LEDA</u>	davisii	
<u>LEDED</u>	densiflorum	Prairie pepperweed
	densiflorum	
<u>LEDEP</u>	densiflorum	
	pubicarpum	
<u>LEDI</u>	dictyotum	
<u>LEFL</u>	flavum	
<u>LEFR</u>	fremontii	Desert pepperweed
<u>LELA2</u>	lasiocarpum	
<u>LEMOM</u>	montanum	Mountain pepperweed
	montanum	
<u>LEMOP</u>	montanum	
	papilliferum	
<u>LENA</u>	nanum	
<u>LEPE</u>	perforiatum	Clasping pepperweed
<u>LEPU2</u>	pubescens	
<u>LEVI</u>	virginicum	Virginia pepperweed
<u>LESPE</u>	Lespedeza spp.	Lespedeza
<u>LECU</u>	cuneata	Chinese lespedeza
<u>LEPE2</u>	penduliflora	
<u>LEST</u>	stipulacea	Korean lespedeza
<u>LESQU</u>	Lesquerella spp.	Bladderpod
<u>LEAL</u>	alpina	Alpine bladderpod
<u>LEAR</u>	arizonica	Arizona bladderpod
<u>LEBA</u>	barnebyi	
<u>LECA4</u>	calicicola	
<u>LECA5</u>	carinata	Keeled bladderpod
<u>LECI</u>	cinerus	
<u>LECO</u>	condensata	
<u>LEFE</u>	fendleri	Fendler bladderpod
<u>LEGA</u>	garrettii	
<u>LEGO</u>	gordonii	Gordon bladderpod
<u>LEHE</u>	hemiphysaria	
<u>LEHI</u>	hitchockii	Hitchcock bladderpod
<u>LEIN</u>	intermedia	
<u>LEKI</u>	kingii	Kings bladderpod
<u>LELA3</u>	latifolia	
<u>LELU</u>	ludoviciana	Silver bladderpod
<u>LEMA</u>	macrocarpa	
<u>LEMU</u>	multiceps	
<u>LEOC</u>	occidentalis	
<u>LEPA2</u>	paysonii	
<u>LEPR</u>	prostrata	
<u>LERE2</u>	rectipes	
<u>LERU</u>	rubicundula	
<u>LESH</u>	sherwoodii	

FORBS		
LESQU	Lesquerella spp. (con.)	
LESU	subumbellata	
LETE	tenella	
LETU	tumulosa	
LEUT	utahensis	
LEWA2	wardii	Ward bladderpod
LEUCE	Leucelene spp.	Aster
LEER	ericoides	Heath aster
LEUCO	Leucocrinum spp.	Starlily
LEMO2	montanum	Common starlily
LEWIS	Lewisia spp.	Lewisia
LEBR	brachycalyx	
LECO2	columbiana	Columbia lewisia
LEKE	kelloggii	Kellogg lewisia
LEMA2	maguirei	
LEPYP	pygmaea	Least lewisia
LEPYN	pygmaea	
	nevadensis	Nevada lewisia
LERE	rediviva	Bitterroot lewisia
LETR2	triphylla	Threeleaf lewisia
LIATR	Liatris spp.	Gayfeather
LIPU3	punctata	Dotted gayfeather
LIGUS	Ligusticum spp.	Ligusticum or Lovage
LIAM	amurense	
LICA	canbyi	
LIFIF	filicinum	Fernleaf ligusticum
	filicinum	ligusticum
LIGR	grayi	Grays ligusticum
LIPO	porteri	Porter ligusticum
LITE	tenuifolium	Slender-leafed ligusticum
LILAE	Lilaea spp.	Lilaea
LISC	scilloides	Awlleaf lilaea
LILIU	Lilium spp.	Lily
LICO	columbianum	Columbia lily
LIPA3	parvum	Sierra lily
LIUM	umbellatum	Western orange-cup lily
LIMOS	Limosella spp.	Mudwort
LIAQ	aquatica	Water mudwort
LINAN	Linanthastrum spp.	
LIME	melingii	
LINU	nuttallii	Nuttall gilia

FORBS		
LINA2	Linanthus spp.	
LIAR2	arenicola	
LIAU	aureus	Yellow gilia
LIBI	bigelovii	Painted trumpet
LICI	ciliatus	
LIDE2	demissus	Bell trumpet
LIDI	dichotomus	Evening-snow gilia
LIHA	harknessii	Harkness gilia
LIPA2	parryae	
LIPH	pharnaceoides	
LISE	septentrionalis	
LINAR	Linaria spp.	Toadflax
LIDA	dalmatica	Dalmatian toadflax
LIGE	genistifolia	Broomleaf toadflax
LIVU	vulgaris	Butter-and-eggs toadflax
LINDE	Lindernia spp.	False pimpernel
LIAN	anagallidea	
LIDU	dubia	
LINNA	Linnaea spp.	Twinflower
LIBO	borealis	Longtube twinflower
LINUM	Linum spp.	Flax
LIAR	aristatum	
LIKI	kingii	King flax
LILE2	leptopoda	
LILE	lewisii	Lewis flax
LIMI	micranthum	
LIRI	rigidum	Stiffstem flax
LIUS	usitatissimum	Common flax
LISTE	Listera spp.	Listera
LIBO2	borealis	
LICA2	caurina	Northwestern listera
LICO2	convallarioides	
LICO3	cordata	Northern listera
LITHO	Lithophragma spp.	Woodlandstar
LIBU	bulbifera	
LIGL	glabra	
LIPA	parviflora	Smallflower woodlandstar
LIRU2	rupicola	
LITE	tenella	Slender woodlandstar

FORBS		
LITH2	Lithospermum spp.	Gromwell; stoneseed
LIAR3	arvense	Corn gromwell
LIIN	incisum	Narrowleaf gromwell
LIMU	multiflorum	Manyflower gromwell
LIOF	officinale	
LIRU	ruderales	Wayside gromwell
LLOYD	Lloydia spp.	Alplily
LLSE	serotina	Common alplily
LOBEL	Lobelia spp.	Lobelia
LOCA	cardinalis	Cardinalflower
LOEFL	Loeflingia spp.	
LOSQ	squarrosa	
LOMAT	Lomatium spp.	Desert parsley, biscuitroot, lomatium
LOAM	ambiguum	Wyeth biscuitroot
LOBI	bicolor	Wasatch biscuitroot
LOCA2	canbyi	Canby biscuitroot
LOCI	circumdatum	Wallowa biscuitroot
LOCO	cous	Cous biscuitroot
LODI	dissectum	Carrotleaf leptotaenia
LODO	donnellii	Donnell biscuitroot
LOGR	grayi	Gray lomatium
LOHE	hendersonii	Henderson lomatium
LOID	idahoenses	
LOJU	juniperium	Juniper lomatium
LOLA	latilobum	
LOLE	leptocarpum	Bicolor biscuitroot
LOMA	macdougallii	MacDougal lomatium
LOMA2	macrocarpum	Bigseed lomatium
LOME	megarrhizum	
LOMI	minimum	
LOMO	mohavense	Mohave lomatium
LOMO2	montanum	
LONE	nevadense	Nevada lomatium
LONU2	nudicaule	Barestem lomatium
LONU	nuttallii	Nuttall lomatium
LOOR	orientale	Oriental lomatium
LOPA	parryi	Parry lomatium
LOPL	plummarae	Plummer lomatium
LORA	ravenii	Raven lomatium
LOSC	scabrum	Rough lomatium
LOTRT	triternatum	Narrowleaf lomatium
	triternatum	lomatium
	(simplex)	
LOTRP	triternatum	Nineleaf lomatium
	platycarpum	lomatium
LOTUS	Lotus spp.	Deervetch
LOAR2	arenarius	

FORBS		
LOTUS	Lotus spp. (con.)	
LOC03	corniculatus	Birdsfoot deervetch
LOCR	crassifolius	Big deervetch
LOHU	humistratus	Foothill deervetch
LOLO	longebractetatus	Longbract deervetch
LOME2	mearnsii	Mearns deervetch
LONE2	nevadensis	Nevada deervetch
LOOB	oblongifolius	Stream deervetch
LOPI	pinnatus	Meadow deervetch
LOPU	purshianus	Pursh deervetch
LORI2	rigidus	Shrubby deervetch
LOSA	salsuginosus	
LOTO	tomentellus	Desert deervetch
LOUT2	utahensis	Utah deervetch
LOWR	wrightii	Wright deervetch
LUDWI	Ludwigia spp.	Seedbox
LUPA4	palustris	
LUPIN	Lupinus spp.	Lupine
LUAL	alpestris	Mountain lupine
LUAM	ammophilus	Sand lupine
LUAN	andersonii	Anderson lupine
LUARC	arbustus	
	calcaratus	
LUAR	argenteus	Silvery lupine
	(spathulatus)	
LUAR2	arizonicus	Arizona lupine
LUBA	barbiger	
LUBR	brevicaulis	Shortstem lupine
LUCA	caudatus	Tailcup lupine
LUCO	concinus	Bajada lupine
LUDU	duranii	Inyo lupine
LUFL	flavoculatus	
LUFU	fulcratus	
LUGR	grayi	Grays lupine
LUHO	holmgrenanus	Holmgren lupine
LUHO2	holosericeus	
LUIN	inyoensis	
LUKI	kingii	Kings lupine
LULA	latifolius	Broadleaf lupine
LULE2	lepidus	Pacific lupine
LULE	leucophyllus	Velvet lupine
LUMA	malacophyllus	
LUME	meionanthus	Tahoe lupine
LUMO	montigenus	
LUNA	nanus	Sky lupine
LUNE	nevadensis	Nevada lupine
LUOD	odoratus	Mohave lupine
LUON	onustus	Ground lupine
LUOS	osterhoutianus	Osterhout lupine
LUPA2	pachylobus	Bigpod lupine
LUPA3	palmeri	Palmer lupine

FORBS		
LUPIN	Lupinus spp. (con.)	
LUPO	polyphyllus	Washington lupine
LUPU	Pusillus	Rusty lupine
LURU	rubens	Yelloweye lupine
LUSA	saxosus	Rock lupine
LUSE	sericeus	Silky lupine
LUSH	shockleyi	Desert lupine
LUSP	sparsiflorus	Coulter lupine
LUSU	subvexus	
LUUM	unicialis	
LUWY	wyethia	
LYCHN	Lychnis spp.	Campion
LYAL	alba	Evening campion
LYAP	apetala	
LYCO	coronaria	Rose campion
LYDRD	drummondii	Drummond campion
	drummondii	
LYDRS	drummondii	
	striata	
LYKI	kingii	Kings campion
LYCOP	Lycopus spp.	Bugleweed
LYAM	americanus	American bugleweed
LYAS	asper	Rough bugleweed
LYGOD	Lygodesmia spp.	Skeletonplant; skeletonweed
LYEX	exigua	
LYGR	grandiflora	
LYJU	juncea	Rush skeletonplant
LYSP	spinosa	Thorn skeletonplant
LYSIM	Lysimachia spp.	Loosestrife
	(Steironema)	
LYCI	ciliatum	Fringed loosestrife
LYLA	lanceolatum	
LYTH	thrysiflora	Water loosestrife
LYTHR	Lythrum spp.	Lythrum
LYCA	californicum	
LYRO	roseum	
LYSA	salicaria	Purple lythrum
MACHA	Machaeranthera spp.	Aster
MABI	bigelovii	Bigelow aster
MACA	canescens	Hoary aster
MACO	conmixta	
MAGL2	glabriuscula	Alkali aster
MAGRG	grindelioides	
	grindelioides	
MAGRD	grindelioides	
	depressa	
MAKI	kingii	
MALA	laetevirens	
MALE	leucantheri-	Daisyleaf aster
	folia	

FORBS		
MACHA	Machaeranthera spp. (con.)	
MALI	linearis	
MAMU	mucronata	
MAPA	parviflora	
MASH	shastensis	
MATA	tenacetifolia	Tansyleaf aster
MATE	tephrodes	
MATO	tortifolia	Mohave aster
MAVE	venusata	
MACH2	Machaerocarpus spp.	Damasonium
MACA2	californicus	California damasonium
MADIA	Madia spp.	Tarweed
MAEX	exigua	
MAGL	glomerata	Cluster tarweed
MAGR	gracilis	
MALAC	Malacothrix spp.	Desert dandelion
MACO2	coulteri	Snakes-head
MAGL3	glabrata	Desert-dandelion
MASO	sonchoides	Sowthistle malacothrix
MATO2	torreyi	
MALAX	Malaxis spp.	Addermouth orchid
MABR	brachypoda	Sheath addermouth orchid
MALCO	Malcolmia spp.	Mustard
MAAF	africana	African mustard
MALVA	Malva spp.	Mallow
MANE	neglecta	Running mallow
	(rotundifolia)	
MALV2	Malvastrum spp.	False mallow
MAEX2	exile	
MARO	rotundifolium	Running mallow
MAMMI	Mammillaria spp.	mammillaria
	(Coryphantha)	
MAMI	microcarpa	Fishhook mammillaria
MATE2	tetrancistra	
MARRU	Marrubium spp.	Horehound
MAVU	vulgare	Common horehound
MARSI	Marsilea spp.	Pepperwort
MAMU2	mucronata	
MATRI	Matricaria spp.	Mayweed
MAMA	matricarioides	Pineappleweed

FORBS		
MAURA	Maurandia spp.	Maurandia
MAAN	antirrhini-flora	
MEDIC	Medicago spp.	Medick, alfalfa
MEFA	falcatus	Sickle alfalfa
MEGL	glomerata	
MEGL2	glutinosa	
MEHI	hispidata	California burclover
MELU	lupulina	Black medick
MEMI	minima	Little medick
MEOR	orbicularis	Button medick
MEPL	platycarpa	
MEPO	polymorpha	
MESA	sativa	Alfalfa
MESAL	sativa	Ladak alfalfa
	ladak	
MESAN	sativa	Nomad alfalfa
	nomad	
MESAR	sativa	Rambler alfalfa
	rambler	
MESO	sogdiana	
METI	tianchanica	
METU	turbinata	
MELIL	Melilotus spp.	Sweetclover
MEAL	alba	White sweetclover
MEIN	indica	Annual yellow sweetclover
MEOF	officinalis	Yellow sweetclover
MESU2	sulcata	
MELIS	Melissa spp.	Balm
MEOF2	officinalis	Common balm
MENTH	Mentha spp.	Mint
MEAR	arvensis	
	(canadensis)	
	(canadensis)	Field mint
MEPI	piperita	Peppermint
MESP3	spicata	Spearmint
MENTZ	Mentzelia spp.	Mentzelia
MEAL2	albicaulis	Whitestem mentzelia
MEAR2	argillosa	
MECH	chrysantha	
MECO	congesta	
MECR	cronquistii	
MEDE	decapetala	Tenpetal mentzelia
MEDI	dispersa	Bushy mentzelia
MEHU	humilis	
MELA2	laevicaulis	Blazingstar mentzelia
MELE	leucophylla	
MEMO	mollis	
MEMO2	montana	
MEMU	multiflora	Desert mentzelia
MENI	nitens	

FORBS		
MENTZ	Mentzelia spp. (con.)	
MEPO3	polita	
MEPT	pterosperma	
MEPU	pumila	Golden blazingstar
MERY	rusbji	
METO	torreyi	
METR	tricuspis	
MEVE	veatchiana	
MENYA	Menyanthes spp.	Bogbean
METR2	trifoliata	Common bogbean
MERTE	Mertensia spp.	Bluebells
MEARL	arizonica	
	leonardi	Tall bluebells
MEBR	brevistyla	Shortstyle bluebells
MECA	campanulata	Idaho bluebells
MECI	ciliata	Mountain bluebells
MEFR2	franciscana	Franciscan bluebells
MEFU2	fusiformis	Spindleroot bluebells
MELA	lanceolata	Lanceleaf bluebells
MELO	longiflora	Small bluebells
MEMA	macedougali	
MEOB	oblongifolia	Oblongleaf bluebells
MEPA	paniculata	Panicle bluebells
METO2	toiyabensis	
MEVI	viridis	Greenleaf bluebells
	(amoena)	
MEVI2	viridis	Greenleaf bluebells
	(foliosa)	
MICRO	Microseris spp.	Microseris
MILI	lindeyi	
MINI	nigrescens	
MINU	nutans	Nodding microseris
MICR2	Microsteris spp.	
	gracilis	
MIMUL	Mimulus spp.	Monkeyflower
MIAU	austinae	
MIBI	bigelovii	
MIBR	brachystylis	
MIBR2	breviflorus	

FORBS		
MIMJL	Mimulus spp. (con.)	
MIBR3	breweri	Brewer monkeyflower
MICA	cardinalis	Crimson monkeyflower
MICO	coccineus	
MICU	cusickii	
MIDE	densus	
MIEA	eastwoodiae	
MIFL	floribundus	Purplestem monkeyflower
MIGLF	glaberrimus	
	fremontii	
MIGLU	glaberrimus	
	utahensis	
MIGU	guttatus	Common monkeyflower
MILE2	leptanthus	Slender monkeyflower
MILE	lewisii	Lewis monkeyflower
MIMO	moschatus	Muskplant monkeyflower
MINA	nanus	Dwarf monkeyflower
MIPA	parryi	
MIP1	pilosus	
MIPR	primuloides	Primrose monkeyflower
MIRE	reifschneiderae	
MIRU	rubellus	
MISP	spissus	
MISU	suksdorfii	
MITI	tilingi	
MITO	torreyi	
MIWA	washingtonensis	
MIRAB	Mirabilis spp.	Four-o'clock
MIBTB	bigelovii	Bigelow four-o'clock
MIBIR	bigelovii	Wishbone plant
	retrorsa	
MIFR	froebelii	
MIFA	jalapa	Prairie four-o'clock
MILA	laevis	
MIMU	multiflora	Colorado four-o'clock
MIOX	oxybaphoides	
MIPU	pudica	
MITEL	Mitella spp.	Miterwort
MICA2	caulescens	
MIFE	pentandra	Fivestamen miterwort
MIST2	stauropetala	
MIST	stenopetala	Smallflower miterwort
MOHAV	Mohavea spp.	Mohavea
MOBR	breviflora	
MOCO	confertiflora	
MOLDA	Modavica spp.	Dragonhead
MOPA	parviflora	American dragonhead

FORBS		
MOLLU	Mollugo spp.	Carpetweed
MOVE	Verticillata	Carpetweed
MOLUC	Molucella spp.	Molucca-balm
MOLA	laevis	Asian Molucca-balm
MONAR	Monarda spp.	Beebalm
MOFI	fistulosa	Wildbergamot beebalm
MOPE	pectinata	Pony beebalm
MONA2	Monardella spp.	Monardella
MOLA2	lanceolata	
MOLI	linoides	Narrowleaf monardella
MOOD	odoratissima	Pacific monardella
MONOD	Monodora spp.	Monodora
MOME	methaefolia	
MOSC	scabra	Rough monodora
MOSP	spinescens	Spiny monodora
MONOL	Monolepis spp.	Monolepis
MONU	nuttalliana	Nuttall monolepis
MOPU	pusilla	
MOSP2	spathulata	
MONOP	Monoptilon spp.	
MOBE	bellioides	
MONTI	Montia spp.	Indian lettuce or Miners lettuce
MOAR	arenicola	
MOCH	chamissoi	Water montia
MOCO2	cordifolia	
MOHA	halli	
MOLI2	linearis	Lineleaf miners lettuce
MOPA2	parviflora	Littleleaf montia
MOPE2	perfoliata	Miners lettuce
MOSI	sibirica	Siberian miners lettuce
MOSP3	spathulata	
MORTO	Mortonia spp.	Mortonia
MOU2	utahensis	Utah mortonia
MUILL	Muilla spp.	
MUTR	transmontana	
MUSIN	Musineon spp.	Musineon
MUDI	divaricatum	Leafy musineon
MULI	lineare	
MUTE	tenuifolium	

FORBS		
MYOSO	Myosotis spp.	Forget-me-nots
MYAL	alpestris	Alpine forget-me-not
MYLA	laxa	Bay forget-me-not
MYSC	scorpioides	True forget-me-not
		forget-me-not
MYOSU	Myosurus spp.	Mousetail
MYAR	aristatus	
MYCU	cupulatus	
MYMI	minimus	Tiny mousetail
MYRIO	Myriophyllum spp.	Parrotfeather water milfoil
MYBR	brasiliense	Brazilian parrotfeather
MYHI	hippuroides	
MYSP	spicatum	
NAJAS	Najas spp.	Naiad
NAFL	flexilis	Slender naiad
NAGU	guadalupensis	Southern naiad
NAMA	mariana	Spiny naiad
NAMA2	Nama spp.	Nama
NAAR	aretioides	
NADE	demissum	Leafy nama
NADE2	densum	
NADE3	depressum	
NADI	dichotomum	
NARO	rothrockii	
NASTU	Nasturtium spp.	Watercress
NAOF	officinale	Watercress
NAVAR	Navarretia spp.	
NABR	breweri	Brewer gilia
NAIN	intertexta	Woolly navarretia
NALE	leucocephala	
NAMI	minima	
NEMAC	Nemacladus spp.	
NEGL	glanduliferus	
NEGR	gracilis	
NERI	rigidus	
NERU	rubescens	
NEMOP	Nemophila spp.	Nemophila
NEBR	breviflora	Great Basin nemophila
NEPA	parviflora	Smallflower nemophila
NEPE	pedunculata	
NESP	spatulata	
NEPET	Nepeta spp.	Nepeta
NECA	camphorata	
NECA2	cataria	Catnip

FORBS		
NEPET	Nepeta spp.	Nepeta
NECH	chavdron	
NEIT	italica	
NEVE	veitchii	
NICOT	Nicotiana spp.	Tobacco
NIAT	attenuata	Coyote tobacco
NIPA	palmeri	
NITR	trigonophylla	Desert tobacco
NITRO	Nitrophila spp.	Niterwort
NIOC	occidentalis	
NOLIN	Nolina spp.	Nolina
NOBI	bigelovii	Bigelow nolina
NOTHO	Nothocalais spp.	
NOAL	alpestris	
NOTR	troximoides	
NOTH2	Notholaena spp.	Cloakfern
NOJO	jonesii	Jones cloakfern
NOLI	limitanea	
NOPA	parryi	Parry cloakfern
NOSI	sinuata	Bulb cloakfern
NOST	standleyi	Star cloakfern
NUPHA	Nuphar spp.	Cowlily, yellow pondlily
NUPO	polysepalum	Rocky Mountain cowlily
NYMPH	Nymphaea spp.	Waterlily
NYOD	odorata	American waterlily
OENOT	Oenothera spp.	Evening primrose
	(see Camissonia)	
OEAL2	albicaulis	Prairie evening primrose
OEBI	biennis	Common evening primrose
OECA	caespitosa	Tufted evening primrose
OECA3	cavernae	
OECC	coronopifolia	
OEDE2	deltoides	
OEHO	hookeri	Hooker evening primrose
OELA2	latifolia	
OELA	lavandulae-folia	Lavenderleaf evening primrose
OELO	longissima	
OENU	nuttallii	Nuttall evening primrose
OEPAP	pallida	Pale evening primrose
OEPAL	pallida	
OEPAL	idahoensis	
OEPAL	primiveris	

FORBS		
<u>OENOT</u>	Oenothera spp. (con.)	
<u>OETR</u>	trichocalyx	
<u>OEXY</u>	xylocarpa	
<u>OLIGO</u>	Oligomeris spp.	
<u>OLLI</u>	linifolia	
<u>ONOB</u>	Onobrychis spp.	Sainfoin
<u>ONGR</u>	grandes	
<u>ONTR</u>	transcaucasica	
<u>ONVI</u>	viciaefolia (sativa)	Common sainfoin
<u>ONONI</u>	Ononis spp.	
<u>ONSP</u>	speciosa	
<u>ONOP</u>	Onopordum spp.	Thistle
<u>ONAC</u>	acanthium	Scotch cottonthistle
<u>ONYCH</u>	Onychium spp.	Claw fern
<u>ONDE</u>	densum	Claw fern
<u>OREOX</u>	Oreoxis spp.	Oreoxis
<u>ORAL</u>	alpina	Alpina oreoxis
<u>ORBA</u>	bakeri	
<u>ORNIT</u>	Ornithogalum spp.	Star-of-Bethlehem
<u>ORUM</u>	umbellatum	Common star-of-Bethlehem
<u>ORN12</u>	Ornithopus spp.	Serradella
<u>ORCO</u>	compressus	
<u>OROBA</u>	Orobanchae spp.	Broomrape
<u>ORCA</u>	californica	
<u>ORFA</u>	fasciculata	
<u>ORGR</u>	grayana	
<u>ORLU</u>	ludoviciana	Louisiana broomrape
<u>ORMU</u>	multiflora	
<u>ORUN</u>	uniflora	Ghost-pipe
<u>OROGE</u>	Orogenia spp.	
<u>ORLI</u>	linearifolia	Indian potato
<u>ORTHO</u>	Orthocarpus spp.	Owlclover
<u>ORBR</u>	bracteosus	
<u>ORCA2</u>	campestris	
<u>ORCO2</u>	copelandii	
<u>ORHI</u>	hispidus	
<u>ORLA</u>	lacerus	
<u>ORLU2</u>	luteus	Yellow owlclover
<u>ORPU</u>	purpurascens	Escobita owlclover
<u>ORPU2</u>	purpureo-albus	Purplewhite owlclover

FORBS		
<u>ORTHO</u>	Orthocarpus spp. (con.)	
<u>ORTE</u>	tenuifolius	
<u>ORTO</u>	tolmiei	Tolmie owlclover
<u>ORYCE</u>	Orycetes spp.	
<u>ORNE</u>	nevadensis	
<u>OSMOR</u>	Osmorhiza spp.	Sweetroot
<u>OSCH</u>	chilensis (divaricata)	Spreading sweetroot
<u>OSDE</u>	depauperata (obtusa)	Bluntseed sweetroot
<u>OSOC</u>	occidentalis	Sweetanise
<u>OXALI</u>	Oxalis spp.	Oxalis; woodsorrel
<u>OXCO</u>	corniculata	Creeping oxalis
<u>OXDI2</u>	dillenii	
<u>OXGR</u>	grayii	
<u>OXPI</u>	pilosa	
<u>OXST</u>	stricta	Common yellow oxalis
<u>OXYBA</u>	Oxybaphus spp.	Umbrellawort
<u>OXCO2</u>	coccineus	Scarlet umbrellawort
<u>OXCO3</u>	comatus	Sticky umbrellawort
<u>OXGL</u>	glaber	
<u>OXLI</u>	linearis	Narrowleaf umbrellawort
<u>OXNY</u>	nyctagineus	
<u>OXPU</u>	pumilus	
<u>OXYPO</u>	Oxypolis spp.	Cowbane
<u>OXFE</u>	fendleri	Fendler cowbane
<u>OXYRI</u>	Oxyria spp.	Mountain sorrel
<u>OXDI</u>	digyna	Alpine mountain sorrel
<u>OXYST</u>	Oxystylis spp.	
<u>OXLU</u>	lutea	
<u>OXYTE</u>	Oxytenia spp.	Oxytenia
<u>OXAC</u>	acerosa	Prickly oxytenia
<u>OXYTH</u>	Oxytheca spp.	Oxytheca
<u>OXDE</u>	dendroidea	Narrowleaf oxytheca
<u>OXLU2</u>	luteola	
<u>OXPE</u>	perfoliata	Thorowart oxytheca
<u>OXWA</u>	watsonii	Watson oxytheca
<u>OXYTR</u>	Oxytropis spp.	Crazyweed
<u>OXBEB</u>	besseyi	Bessey pointvetch
	besseyi	
<u>OXBEA</u>	besseyi argophylla	

FORBS		
<u>OXYTR</u>	Oxytropis spp. (con.)	
<u>OXBES</u>	besseyi	
	salmonensis	
<u>OXCA</u>	campestris	Plains crazyweed
<u>OXDE2</u>	deflexa	Droppod crazyweed
<u>OXJO</u>	jonesii	
<u>OXLA</u>	lambertii	Lambert crazyweed
<u>OXMU</u>	multiceps	Flowery crazyweed
<u>OXOB</u>	obnapiformis	
<u>OXOR</u>	oreophila	Silver crazyweed
<u>OXPA</u>	parryi	Parry crazyweed
<u>OXSE</u>	sericea	Silky crazyweed
<u>OXVI</u>	viscida	Yellowhair crazyweed
<u>PAEON</u>	Paeonia spp.	Peony
<u>PABR</u>	brownii	Browns peony
<u>PALAF</u>	Palafoxia spp.	Palafoxia
<u>PALI</u>	linearis	Desert palafoxia
<u>PAPAV</u>	Papaver spp.	Poppy
<u>PARA</u>	radicatum	
<u>PARH</u>	rhoeas	Corn poppy
<u>PARIE</u>	Parietaria spp.	Pellitory
<u>PAFL2</u>	floridana	
<u>PAPE</u>	pennsylvanica	Pennsylvania pellitory
<u>PARNA</u>	Parnassia spp.	Parnassia
		parnassus
<u>PAFI</u>	fimbriata	Rocky Mountain parnassia
<u>PAKO</u>	kozzebuei	
<u>PAPA2</u>	palustris	Wildworld parnassia
<u>PAPA3</u>	parviflora	Smallflower parnassia
<u>PARON</u>	Paronychia spp.	Nailwort
<u>PAPU</u>	pulvinata	Rocky Mountain nailwort
<u>PASE</u>	sessiliflora	Creeping nailwort
<u>PARRY</u>	Parrya spp.	Parrya
<u>PANU</u>	nudicaulis	
<u>PARY</u>	rydbergii (platycarpa)	Utah parrya
<u>PASTI</u>	Pastinaca spp.	Parsnip
<u>PASA</u>	sativa	Garden parsnip

FORBS		
<u>PECTI</u>	Pectis spp.	Pectis
<u>PEAN</u>	angustifolia	
<u>PEPA3</u>	papposa	
<u>PECTO</u>	Pectocarya spp.	Combseed
<u>PEHE</u>	heterocarpa	
<u>PEPE</u>	penicillata	Shortleaf combseed
<u>PEPL</u>	platycarpa	
<u>PERE</u>	recurvata	
<u>PESE</u>	setosa	
<u>PEDIC</u>	Pedicularis spp.	Lousewort
<u>PEAT</u>	attollens	
<u>PEBR</u>	bracteosa	Bracted pedicularis
<u>PECE</u>	centranthera	Dwarf lousewort
<u>PECO2</u>	contorta	Coiled lousewort
<u>PECR</u>	crenulata	Meadow lousewort
<u>PEGR2</u>	grayi	Grays lousewort
<u>PEGR</u>	groenlandica	Elephanthead lousewort
<u>PEPA4</u>	parryi	Parry lousewort
<u>PEPR2</u>	procera	
<u>PERA3</u>	racemosa	Sickletop pedicularis
<u>PESE</u>	semibarbata	
<u>PEGAN</u>	Peganum spp.	Peganum
<u>PEHA</u>	harmala	Harmel peganum
<u>PELLA</u>	pellaea spp.	Cliffbrake
<u>PEAT2</u>	atropurpurea	Purple cliffbrake
<u>PEBR2</u>	breweri	Brewer cliffbrake
<u>PEBR3</u>	bridgesii	Bridges cliffbrake
<u>PEGL</u>	glabella	Dwarf cliffbrake
<u>PELO</u>	longi-mucronat	Spiny cliffbrake
<u>PENNE</u>	Pennellia spp.	
<u>PEMI</u>	micrantha	
<u>PENST</u>	Penstemon spp.	Beardtongue, penstemon
<u>PEAB</u>	abietinus	Firleaf penstemon
<u>PEAC</u>	acaulis	Stemless penstemon
<u>PEAC2</u>	acuminatus	Sharpleaf penstemon
<u>PEAL</u>	albertinus	Alberta penstemon
<u>PEAL2</u>	albomarginatus	
<u>PEAM</u>	ambiguus	Gilia penstemon
<u>PEAN2</u>	angustifolia	Narrowleaf penstemon
<u>PEAR3</u>	arenarius	Dune penstemon
<u>PEAR2</u>	arenicola	Sand penstemon
<u>PEAR</u>	aridus	Stiffleaf penstemon
<u>PEAT3</u>	attenuatus	Sulphur penstemon
<u>PEAT4</u>	atwoodii	

FORBS		
PENST	Penstemon spp. (con.)	
PEBA	barbatus	Beardlip penstemon
PEBR4	bracteatus	
PEBR5	bridgesii	Bridges penstemon
PECA	caespitosus	Mat penstemon
PECA2	carnosus	
PECI	cinerascens	
PECI2	cinicola	
PECL	cleburnei	
PECO	comarrhenus	Dusty penstemon
PECO3	concinnus	
PECO4	confertus	Yellow penstemon
PECO5	confusus	
PECO6	congestus	
PECR2	crandallii	Crandall penstemon
PECU	cusickii	Cusick penstemon
PECY	cyanthus	Wasatch penstemon
PECY2	cyaneus	
PECY3	cyanocaulis	
PEDA	davidsonii	Davidson penstemon
PEDE	deustus	Scabland penstemon
PEDI	digitalis	Digitalis penstemon
PEDO	dolius	Jones penstemon
PEEA	eatonii	Eaton penstemon
PEEL	ellipticus	Rockvine penstemon
PEER	eriantherus	Fuzzytongue penstemon
PEFL	floridus	Panamit penstemon
PEFR	fremontii (glaber)	Fremont penstemon
PEFR2	frutici-formis	Desert mountain penstemon
PEFR3	fruticosus	Bush penstemon
PEGA3	gairdneri	Gairdner penstemon
PEGA2	garrettii	Garretts penstemon
PEGL2	glaber	Sawsepal penstemon
PEGL3	glandulosus	Stickystem penstemon
PEGR3	gracilentus	Slimstem penstemon
PEGR4	grahamii	Graham penstemon
PEHA2	hallii	Halls penstemon

FORBS		
PENST	Penstemon spp. (con.)	
PEHE2	heterodoxus	Heretic penstemon
PEHU	humilis	Low penstemon
PEJA	jamesii	James penstemon
PEJO	jonesii	Jones penstemon
PEKE2	keckii	Kick penstemon
PEKE	kennedyi	Kennedy penstemon
PEKI	kingii	Kings penstemon
PELA	laetus	Gay penstemon
PELA2	laevis	
PELA3	laxus	Idaho penstemon
PELE	leiophyllus	
PELE5	lemhiensis	Lemhi penstemon
PELE3	lentus	
PELE4	leonardi	Leonard penstemon
PELI	linarioides	Toadflax penstemon
PEMI2	miser	Malheur penstemon
PEMO	moffattii	
PEMO2	monoensis	
PEMO3	montanus	Cordroot penstemon
PENA	nanus	Dwarf penstemon
PENE	newberryi	Newberry penstemon
PENI	nitidus	Waxleaf penstemon
PEOS	osterhoutii	Osterhout penstemon
PEPA2	pachyphyllus	Thickleaf penstemon
PEPA	palmeri	Palmer penstemon
PEPA5	parvus	
PEPA6	payettensis	
PEPA7	paysoniorum	
PEPE2	perpulcher	Minidoka penstemon
PEPE3	petiolatus	
PEPL2	platyphyllus	Hillside penstemon
PEPR	procerus	Littleflower penstemon
PERA2	radicosus	Matroot penstemon
PERO	rothrockii	Rothrock penstemon
PERU	rubicundus	
PERY	rydbergii	Rydberg penstemon
PESC	scapoides	Inyo penstemon
PESC2	scariosus	
PESE3	seorsus	
PESE4	sepalulus	Littlecup penstemon
PESP	speciosus	Royal penstemon
PESP2	spectabilis	Showy penstemon
PEST	strictus	Rocky mountain penstemon
PESU	subglaber	
PESU2	suffrutescens	
PETE	teucroides	Grayleaf creeping penstemon
PETH	thompsoniae	Thompson penstemon
PETH2	thurberi	Thurber penstemon

FORBS		
PENST	Penstemon spp. (con.)	
PETI	tidestromii	Tidestrom penstemon
PEUI	uintahensis	Uinta penstemon
PEUT	utahensis	Utah penstemon
PEVI	virens	Green penstemon
PEVI2	virgatus	Wandbloom penstemon
PEWA	wardii	Wards penstemon
PEWA2	watsonii	Watson penstemon
PEWH	whippleanus	Whipple penstemon
PEPLI	Peplis spp.	
PEDI2	diandra	
PEREZ	Perezia spp.	Perezia
PEWR	wrightii	
PERIC	Pericome spp.	Pericoma
PECA3	caudata	Tailleaf pericoma
PERID	Perideridia spp.	False caraway
PEBO	bolanderi	Bolander false caraway
PEGA	gairdneri	Yampa
PEPA8	parishii	
PERIT	Perityle spp.	
PEEM	emoryi	
PETAL	Petalonyx spp.	Sandpaper plant
PENI2	nitidus	Smooth sandpaper plant
PEPA9	parryi	
PETH3	thurberi	Thurber sandpaper plant
PETA2	Petalostemon spp. (see Dalea)	Prairie clover
PECA4	candidum	White prairie clover
PEFL2	flavescens	Yellow prairie-clover
PEOR	ornatum	Showy prairie clover
PESE5	searlsiae	Searls prairie-clover
PETRO	Petrophytum spp.	Rockmat
PECAC	caespitosum	Tufted rockmat
PECAE	caespitosum elatius	
PHACE	Phacelia spp.	Phacelia
PHAD	adenophora	
PHAF	affinis	
PHAN	anelsoni	
PHAU2	austromontana	
PHBA	barnebyana	
PHBI	bicolor	
PHCA3	calthifolia	

FORBS		
PHACE	Phacelia spp. (con.)	
PHCE	cephalotes	
PHCO	coerulea	
PHCO6	constancei	
PHCRC	crenulata	
PHCR	cryptantha	
PHCU	curvipes	
PHDE	demissa	
PHDI	distans	
PHFI	filiformis	
PHFRR	fremontii	
PHFR2	frigida	
PHGE	geraniifolia	
PHGL	glaberrima	
PHGL2	glandulifera	
PHGL3	glandulosa	Glandular phacella
PHGL4	glechomifolia	
PHGY	gymnoclada	
PHHA	hastata (alpina)	
PHHE	heterophylla	Varileaf phacella
PHHO	howelliana	
PHHU	humilis	
PHHY	hydrophyloides	
PHID	idahoensis	Idaho phacella
PHIN	incana	
PHIN2	inconspicua	
PHIN3	indecora	
PHIN4	integrifolia	
PHIN5	inundata	
PHIV	ivesiana	
PHLA	laxiflora	
PHLE2	lemmonii	
PHLI	linearis	Threadleaf phacella
PHLU	lutea	
PHLY	lyallii	Lyal phacella
PHMI	minutissima	
PHMU2	mustelina	
PHNE	neglecta	
PHNE2	neomexicana	
PHNE3	nevadensis	
PHPA	palmeri	
PHPA2	parishii	
PHPE	pediculoides	
PHPE2	peirsoniana	
PHPU	pulchella	
PHRA	ramosissima	Branching phacella
PHRA2	rattanii	
PHRO	rotundifolia	
PHSA	saxicola	
PHSE	sericea	Silky phacella
PHSP	splendens	
PHTA	tanacetifolia	Tansy phacella

FORBS	
PHACE	Phacelia spp. (con.)
PHTE	tetramera
PHTH	thermalis
PHUT	utahensis
PHVA	vallis-mortae
PHLOX	Phlox spp. Phlox
PHAC	aculeata Idaho phlox
PHAL3	albomarginata White-margined phlox
PHAU	austromontana Desert phlox
PHCL	cluteana
PHCO3	condensata (caespitosa)
PHDI	diffusa
PHGL5	gladiformis (gooddingii)
PHHOC	hoodii canescens Hoods phlox
PHKE	kelseyi Kelsey phlox
PHLO	longifolia Longleaf phlox
PHMU	multiflora Flowery phlox
PHMU3	muscoides
PHPU2	pulvinata
PHSP2	speciosa Showy phlox
PHST	stansburyi Stansbury phlox
PHVI	viscida Sticky phlox
PHOEN	Phoenicaulis spp. Phoenicaulis
PHCH	cheiranthoides Wallflower phoenicaulis
PHEU	eurycarpa
PHOLI	Pholistoma spp. Lilja
PHME	membranaceum
PHORA	Phoradendron spp. Mistletoe
PHBOD	bolleanum Dense mistletoe
PHCA2	densum Mesquite mistletoe
PHFL	californicum flavescens Christmas mistletoe
PHJU	juniperinum Juniper mistletoe
PHYSA	Physalis spp. Groundcherry
PHCR2	crassifolia
PHFE	fendleri
PHHE2	hederaefolia Clammy groundcherry
PHLO2	longifolia Longleaf groundcherry
PHYS2	Physaria spp. Twinpod
PHAC2	acutifolia Common twinpod
PHCH2	chambersii

FORBS	
PHYS2	Physaria spp. (con.)
PHCO5	condensata
PHFL2	floribunda Double-bladderpod
PHGR	grahamii
PHNE4	newberryi Newberry twinpod
PHOR	oregona
PISUM	Pisum spp. Pea
PISA	sativum Garden pea
PITYR	Pityrogramma spp. Goldfern
PITR	triangularis
PLAGI	Plagiobothrys spp. Popcornflower
PLAR	arizonicus
PLHA	harknessii
PLHI	hispidulus Hairy popcornflower
PLJO	jonesii Jones popcornflower
PLKI	kingii
PLMO	mollis
PLSC	scouleri Scouler popcornflower
PLTE	tenellus
PLANT	Plantago spp. Plantain
PLEL	elongata
PLER	eripoda Redwool plantain
PLIN	insularis Desert Indian-wheat
PLLA	lanceolata Buckhorn plantain
PLMA3	major Rippleseed plantain
PLMA2	maritima European sea-side plantain
PLPA	patagonica (purshii) Woolly plantain
PLTW	tweedyi Tweedy plantain
PLATY	Platystemon spp. Platystemon
PLCA	californicus Creamcup platystemon
PLECT	Plectritis spp. Plectritis
PLMA	macrocera Longhorn plectritis
PLUCH	Pluchea spp. Pluchea
PLCA2	camphorata Camphor pluchea

FORBS	
PODIS	Podistera spp.
POEA	eastwoodiae
PONE4	nevadensis
POLAN	Polanisia spp. Clammyweed
PODO	dodecandra
POTR4	trachysperma Roughseed clammyseed (Western clammyweed)
POLEM	Polemonium spp. Polemonium
POEX	eximium
POFO	foliosissimum (albiflorum) Leafy polemonium
POMI	micranthum Littlebells polemonium
POOC	occidentale Western polemonium
POPUP	pulcherrimum Skunkleaf polemonium
POPUC	pulcherrimum pulcherrimum polemonium
POPUD	calcinum pulcherrimum polemonium
POVIV	viscosum Sticky polemonium
POVIM	viscosum viscosum polemonium
POLYC	Polyctenium fremontii
POFR3	
POLY2	Polygonatum spp. Solomonseal
POCO6	commutatum Great Solomonseal
POLY3	Polygonum spp. Knotweed, smartweed
POAM2	amphibium Water ladysthumb
POAU	austinae Austin knotweed
POAV	aviculare (buxiforme) Prostrate knotweed
POBI	bistortoides American bistort
POCO3	coccineum Bigroot ladysthumb
POCO4	confertifolium
POCO5	convolvulus Dullseed cornbind
POCU3	cuspidatum Japanese fleecflower
PODOD	douglasii Douglas knotweed
PODOJ	douglasii douglasii Sawatch knotweed (sawatchense)
POEN	engelmannii
POER	erectum Erect knotweed
POES	esotericum
POEX2	exsertum
POHE	heterosepalum
POHY	Hydropiper Marsh pepper smartweed

FORBS	
POLY3	Polygonum spp. (con.)
POHY2	hydropiperoides Swamp smartweed
POKE	kellooggii Kellogg knotweed
POLA	lapathifolium Curlytop ladysthumb
POMA2	majus
POMI2	minimum Broadleaf knotweed
POPE	pensylvanicum Pennsylvania smartweed
POPE2	persicaria Spotted ladysthumb
POPH	phytolaccaefolium Pokeweed fleecflower
POOP	polycnemoides
POPO2	polygaloides Polygala knotweed
POPR3	prolificum
POPU3	punctatum Dotted smartweed
PORA	ramosissimum Bush knotweed
PORE2	rennourtria
POSH	shastense
POSP	spergulariaeforme
POVI2	viviparum Viviparous bistort
POUT	utahense
POWA	watsonii Watson knotweed
POLYP	Polypodium spp. Polypody
POVUC	vulgare Western polypody
	columbianum polypody
POLYS	Polystichum spp. Hollyfern
POLO	lonchitis Mountain hollyfern
POSC2	scopulinum Eaton hollyfern
POROP	Porophyllum spp. Poreleaf
POGR2	gracile Slender poreleaf
PORTE	Porterella spp. Porterella
POCA3	carnosula
PORTU	Portulaca spp. Portulaca
POMU	mundula
POOL	oleracea Common purslane
PORE3	retusa
POTAM	Potamogeton spp. Pondweed
POAL3	alpinus Slimleaf pondweed
POAM3	amplifolius Largeleaf pondweed
POBE	berchtoldii
POCR	crispus Curly pondweed
PODI	diversifolius Waterthread pondweed
POEP2	epihydus Ribbonleaf pondweed

FORBS	
POTAM	Potamogeton spp. (con.)
POFI	fibrillosus Fineleaf pondweed
POFI2	filiformis
POFO2	foliosus Leafy pondweed
POFR2	friesii Fries pondweed
POGR3	gramineus Variableleaf pondweed
POIL	illinoensis Illinois pondweed
POLA2	latifolius Broadleaf pondweed
PONA	natans Floatingleaf pondweed
PONO	nodosus Longleaf pondweed
POPE3	pectinatus Fennell-leaf pondweed
POPR4	praelongus Whitestem pondweed
POPU2	pusillus Baby pondweed
PORI	richardsonii Richardson pondweed
PORO	robbinsii Robbins pondweed
POST2	strictifolius Narrowleaf pondweed
POZO	zosteriformis Flatstem pondweed
POTEN	Potentilla spp. Cinquefoil
POAN2	anserina Silverweed cinquefoil
POAR3	argentea Silver cinquefoil
POARC	argentea argentea cinquefoil
POARC	arguta convallaria
POBI3	biennis Biennial cinquefoil
POBL	blaschkeana Blaschke cinquefoil
POBR	brevifolia
POBR2	breweri Brewer cinquefoil
POCO2	concinna Elegant cinquefoil
POCR2	crinita
PODI2	diversifolia Varileaf cinquefoil
PODR	drummondii Drummond cinquefoil
POGLG	glandulosa Gland cinquefoil
POGLA	glandulosa arizonica
POGLI	glandulosa intermedia
POGLM	glandulosa micropetala
POGLN	glandulosa nevadensis

FORBS	
POTEN	Potentilla spp. (con.)
POGLP	glandulosa pseudorupestris
POGLR	glandulosa reflexa
POGR4	gracilis (filipes) Northwest (jucunda) Northwest (nuttallii) cinquefoil
POGL3	gracilis Beauty cinquefoil
POHI	hippiana Horse cinquefoil
POMI3	nillefolia
PONE5	newberryi
PONI	nivea
PONO2	norvegica Norwegian cinquefoil
POOV	ovina
POPA3	palustris Marsh cinquefoil
POPA4	paradoxa
POPE4	pennsylvanica Pennsylvania cinquefoil
POPL	plattensis Platte cinquefoil
POPS	pseudosericea
POPU	pumila Petty cinquefoil
POQU	quinquefolia
PORI2	rivalis Brook cinquefoil
POSA2	saxosa
POSU2	sulfurea
PRIMU	Primula spp. Primrose
PRCU	cusickiana
PRHU	hunnwellii
PRIN	incana American primrose
PRMA	maguirei
PRPA	parryi Parry primrose
PRSP	specuicola
PROBO	Proboscidea spp. Devilsclaws
PRPA2	parviflora New Mexico devilsclaws
PRUNE	Prunella spp. Selfheal
PRVU	vulgaris Common selfheal
PSATH	Psathyrotes spp.
PSAN	annua
PSPI	pilifera
PSRA	ramosissima
PSEUD	Pseudo-cymopterus spp. False spring parsley
PSMO	montanus
PSVU2	vulgaris Mountain parsley
PSILA	Psilactis spp.
PSCO	coulteri

FORBS	
PSILO	Psilocarphus spp.
PSBR	brevissimus
PSOR	oregonus
PSIL2	Psilostrophe spp. Paperflower
PSBA	bakeri
PSCO2	cooperi Whitestem paperflower
PSSP	sparsiflora Greenstem paperflower
PSTA	tagetinae Woolly paperflower
PSORA	Psoralea spp. Scurf-pea
PSBI	bituminosa Arabian scurf-pea
PSCA	castorea Beaverbread scurf-pea
PSEP	epipsila
PSJU	juncea
PSLA	lanceolata Lemmon (stenostachys) scurf-pea
PSME	megalantha
PSME2	mephitica Skunktop scurf-pea
PSTA	pariensis
PSTE	tenuiflora Slimflower scurf-pea
PTERI	Pteridium spp. Bracken
PTAQ	aquilinum Western bracken fern
PTERO	Pterospora spp. Pinedrops
PTAN	andromeda Woodland pinedrops
PTER2	Pterostegia spp.
PTDR	drymarioides
PURPU	Purpusia spp.
PUSA	saxosa
PYROL	Pyrola spp. Pyrola, shin-leaf, wintergreen
PYAS	asarifolia Alpine pyrola
PYDE	dentata Toothleaf pyrola
PYEL	elliptica Waxflower pyrola
PYMI	minor Snowline pyrola
PYPI	picta Whitevein pyrola
PYSE	secunda Sidebells pyrola
PYAN	uniflora Woodnymph
PYVI	virens (chlorantha) Green pyrola

FORBS	
RAFIN	Rafinesquia spp.
RACA	californica
RANE	neomexicana
RAILL	Raillardella spp.
RASC	scaposa
RANUN	Ranunculus spp. Buttercup, crowfoot
RAAC	acriformis Sharp buttercup
RAAC2	acris Tall buttercup
RAAD	adoneus Alpine buttercup
RAAL	alismaefolius Dwarf plainleaf buttercup
RAAN	andersonii Anderson buttercup
RAAQ	aquatilis Hairleaf water buttercup
RAAR	arvensis Corn buttercup
RACA2	cardiophyllus Shore buttercup
RACY	cymbalaria Rocky Mountain buttercup
RAESE	eschschooltzii Eschschooltz buttercup
RAESS	eschschooltzii Suksdorf buttercup
RAFL	flabellaris Yellow buttercup
RAFL2	flammula Spearwort buttercup or Creeping spearwort buttercup
RAFL2	reptans
RAGL	glaberrimus Sagebrush buttercup
RAGM	gmelinii
RAIN	inamoenus
RAJO	jovis
RAJU	juniperinus
RALO	longirostris Longbeak buttercup
RAMA	macounii
RAOC	occidentalis Western buttercup
RAOR	oreogenes
RAOR2	oresterus
RAOR3	orthorhynchus Straight-beak buttercup
RAPE	pedatifidus
RAPE2	pennsylvanicus Pennsylvania buttercup
RARA	ranunculinus
RARE	repens Creeping buttercup
RASC2	sceleratus Blister buttercup
RATE	testiculatus Bur buttercup
RAUN	uncinatus

FORBS		
<u>RATIB</u>	Ratibida spp.	Prairie coneflower
<u>RACO</u>	columnifera	Upright prairie coneflower
<u>RAPI</u>	pinnata	
<u>REVER</u>	Reverchonia spp.	
<u>REAR</u>	arenaria	
<u>RHYSO</u>	Rhysopterus spp.	
<u>RHPL</u>	plurijugus	
<u>RIGIO</u>	Rigiopappus spp.	Wireweed
<u>RILE2</u>	leptocladus	
<u>ROEME</u>	Roemeria spp.	Asiapoppy
<u>RORE</u>	refracta	Spotted asiapoppy
<u>RORIP</u>	Rorippa spp.	Yellowcress or Watercress
<u>ROAL</u>	alpina	
<u>ROAU</u>	austraica	Austrian watercress
<u>ROCU</u>	curvipes	Obtuse fieldcress
<u>ROIS</u>	islandica	Marsh yellowcress
<u>RONA</u>	nasturtium	Watercress
<u>ROSI</u>	sinuata	Spreading yellowcress
<u>ROSP</u>	sphaerocarpa	
<u>ROTE</u>	tenerrima	
<u>RUBIA</u>	Rubia spp.	
<u>RUTI</u>	tinctorum	Madder
<u>RUDBE</u>	Rudbeckia spp.	Coneflower
<u>RULA</u>	laciniata	Cutleaf coneflower
<u>RUOC</u>	occidentalis	Western coneflower
<u>RUMEX</u>	Rumex spp.	Dock, sorrel
<u>RUAC</u>	acetosella	Sheep sorrel
<u>RUAL</u>	altissimus	Great dock
<u>RUCA</u>	californicus	
<u>RUCO</u>	conglomeratus	Clustered dock
<u>RUCR</u>	crispus	Curly dock
<u>RUCU</u>	cuneifolius	
<u>RUDE</u>	densiflorus	
<u>RUFE</u>	fenestratus	
<u>RUFU</u>	fueginus	Golden dock
<u>RUHY</u>	hymenosepaulus	Canaigre
<u>RULA2</u>	lacustris	
<u>RUME</u>	mexicanus	Mexican dock
<u>RUOB</u>	obtusifolius	Bitter dock
<u>RUOC2</u>	occidentalis	Western dock
<u>RUPA3</u>	patientia	Patience dock
<u>RUPA2</u>	paucifolius	Mountain sorrel
<u>RUSA</u>	salicifolius	Willow dock
<u>RUSU</u>	subalpinus	
<u>RUTR</u>	triangulivalvis	

FORBS		
<u>RUMEX</u>	Rumex spp. (con.)	
<u>RUUT</u>	utahensis	
<u>RUVE</u>	venosus	Veiny dock
<u>RUPPI</u>	Ruppia spp.	Widgeonweed
<u>RUMA</u>	maritima	Widgeongrass
<u>RUPE</u>	pectinata	Floating widgeongrass
<u>SAGIN</u>	Sagina spp.	Pearlwort
<u>SAOC</u>	occidentalis	
<u>SASA</u>	saginoides	Arctic pearlwort
<u>SAGIT</u>	Sagittaria spp.	Arrowhead
<u>SACU</u>	cuneata	Duckpotato arrowhead
<u>SALA</u>	latifolia	Common arrowhead
<u>SAMO</u>	montevideensis	Giant arrowhead
<u>SALIC</u>	Salicornia spp.	Glasswort, samphire, pickleweed
<u>SAEU</u>	europaea	Marshfire glasswort
<u>SAPA</u>	pacifica	
<u>SAUT</u>	utahensis	Utah glasswort, samphire
<u>SALSO</u>	Salsola spp.	Russianthistle
<u>SAIB</u>	iberica	Saltwort
<u>SAPE</u>	pestifer (kali)	Russianthistle
<u>SALVI</u>	Salvia spp.	Sage
<u>SAAE</u>	aethiopis	California chia (Mediterranean sage)
<u>SABE</u>	beckeri	
<u>SABE2</u>	betonicaefolia	
<u>SACO2</u>	columbariae	Californiachia sage
<u>SASC2</u>	sclarea	Clary sage
<u>SAMOL</u>	Samolus spp.	Waterpimpernel
<u>SAFL</u>	floribundus	
<u>SANGU</u>	Sanguisorba spp.	Burnet
<u>SAMI</u>	minor	Small burnet
<u>SAOC2</u>	occidentalis	Western burnet
<u>SARU</u>	ruprechtii	
<u>SASI</u>	sitchensis	Sitka burnet
<u>SANIC</u>	Sanicula spp.	Sanicle
<u>SAGR</u>	graveolens	

FORBS		
<u>SAPON</u>	Saponaria spp.	Soapwort
<u>SAOC3</u>	ocymoides	Rock soapwort
<u>SAOF</u>	officinalis	Bouncing-bet
<u>SAVA</u>	vaccaria	Cow soapwort
<u>SARC2</u>	Sarcodes spp.	Snowplant
<u>SASA2</u>	sanguinea	Snowplant
<u>SARC3</u>	Sarcostemma spp.	Climbing milkweed
<u>SACY</u>	cynanchoides	
<u>SAHI</u>	hirtellum	
<u>SAXIF</u>	Saxifraga spp.	Saxifrage
<u>SAAD</u>	adscendens	
<u>SAAP</u>	aprica	
<u>SABR2</u>	bronchialis	Yellowdot saxifrage
<u>SACA2</u>	caespitosa	
<u>SACE2</u>	cernua	
<u>SACH</u>	chrysantha	Goldbloom saxifrage
<u>SADE</u>	debilis	
<u>SAFE</u>	ferruginea	Rustyhair saxifrage
<u>SAFL2</u>	flagellaris	
<u>SAIN</u>	integrifolia	Columbian saxifrage
<u>SAME</u>	mertensiana	Mertens saxifrage
<u>SANI</u>	nidifica	
<u>SAOC4</u>	occidentalis	Alberta saxifrage
<u>SAOD</u>	odontoloma	Washington saxifrage
<u>SAOP</u>	oppositifolia	Twinleaf saxifrage
<u>SAOR2</u>	oregana	Oregon saxifrage
<u>SARH</u>	rhomboidea	Diamondleaf saxifrage
<u>SATO</u>	tolmiei	Tolmie saxifrage
<u>SCHEU</u>	Scheuchzeria spp.	Scheuchzeria
<u>SCPA2</u>	palustris	Scheuchzeria
<u>SCOPU</u>	Scopulophila spp.	
<u>SCRI</u>	rixfordii	
<u>SCORP</u>	Scorpiurus spp.	Scorpiontail
<u>SCSU2</u>	subvillosa	Caterpillarpod scorpiontail
<u>SCVE</u>	vermiculatus	Wormpod scorpiontail

FORBS		
<u>SCROP</u>	Scrophularia spp.	Figwort
<u>SCDE</u>	desertorum	
<u>SCLA</u>	lanceolata	Lanceleaf figwort
<u>SCUTE</u>	Scutellaria spp.	Skullcap
<u>SCAN</u>	angustifolia	Narrowleaf skullcap
<u>SCAN2</u>	antirrhinoides	
<u>SCGA</u>	galericulata	
<u>SCNA</u>	nana	
<u>SEDUM</u>	Sedum spp.	Stonecrop
<u>SEDE</u>	debile	
<u>SELA</u>	lanceolatum	Lanceleaved sedum
<u>SEOB</u>	obtusatum	
<u>SERH</u>	rhodanthum	Redpod stonecrop
<u>SERO</u>	rosea	Roseroot stonecrop
<u>SELAG</u>	Selaginella spp.	Selaginella, spikemoss
<u>SEDED</u>	densa densa	Spikemoss selaginella
<u>SEDES</u>	densa scopulorum	Rocky Mt. spikemoss selaginella
<u>SEDO</u>	douglasii	Douglas selaginella
<u>SELE</u>	leucobryoides	
<u>SEMU</u>	mutica	
<u>SESE2</u>	selaginoides	
<u>SEUN</u>	underwoodii	Underwood selaginella
<u>SEUT</u>	utahensis	Utah selaginella
<u>SEWA</u>	watsonii	Watson selaginella
<u>SELIN</u>	Selinocarpus spp.	Moonpod
<u>SEDI</u>	diffusus	Moonpod
<u>SENEC</u>	Senecio spp.	Groundsel; ragwort, butterweed
<u>SEAM</u>	amplectens	Showy alpine groundsel
<u>SEAR</u>	aronicoides	Rayless groundsel
<u>SEAT</u>	atratus	Black groundsel
<u>SEAU</u>	aureus	Golden groundsel
<u>SEBI</u>	bigelovii	Bigelow groundsel

FORBS		
SENEC	Senecio spp.	(con.)
SECA	canus	Woolly groundsel
SECO	convallium	
SECR	crassulus	Thickleaf groundsel
SECR2	crocatus	Saffron groundsel
SECY	cymbal-arioides	Cleftleaf groundsel
SEDE2	debilis	
SEDI2	dimorphophyllus	
SEDO2	douglasii	Douglas groundsel
SEER	eremophilus (ambrosioides)	Desert groundsel
SEEU	eurycephalus	
SEFE	fendleri	Fendler groundsel
SEFRF	fremontii	Fremont groundsel
SEFRB	fremontii blitoides	
SEFRO	fremontii occidentalis	
SEHA	hartianus	
SEHY	hydrophilus	Water groundsel
SEIN2	indecorus	
SEIN	integerrimus (columbianus)	Lambstongue groundsel
SELO	longilobus	Threadleaf groundsel
SEMI	millelobatus (uintahensis)	Uinta groundsel
SEMU2	multilobatus	Lobeleaf groundsel
SEMU3	mutabilis	
SENE	neomexicanus	New Mexico groundsel
SEPA	pattersonianus	
SEPA2	pauperculus	Balsam groundsel
SEPS	pseud aureus	Golden groundsel
SEPU	pudicus	Butterweed groundsel
SESE	serra	Butterweed groundsel
SESP	spartioides	Broom groundsel
SESP2	sphaerocephalus	
SEST2	streptanthifolius	
SETR	triangularis	Arrowleaf groundsel
SEVU	vulgaris	Common groundsel
SEWE	werneriae-folius	
SEWO	wootonii	Wooton senecio
SESUV	Sesuvium spp.	Sesuvium, seapurslane
SEVE	verrucosum	

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FORBS		
SIBAR	Sibara spp.	
SIDE	deserti	
SIBBA	Sibbaldia spp.	
SIPR	procumbens	
SIDA	Sida spp.	Sida
SIHE	hederacea	Alkali sida
SIDAL	Sidalcea spp.	Checkermallow
SICA	candida	White checkermallow
SIGL	glaucescens	Bird checkermallow
SIMU	multifida	
SINE	neomexicana	New Mexico checkermallow
SIOR	oregana (nervata)	Oregon checkermallow
SILEN	Silene spp.	Silene
SIAC	acaulis	Moss silene
SIAL2	alpina	
SIAN	antirrhina	Sleepy silene
SIAR	armeria	Sweet-william silene
SICL	clokeyi	Clokey silene
SICU	cucubalus	Bladder silene
SIDO	douglasii (lyallii)	Douglas silene
SIME	menziesii	Menzies silene
SIMO	montana	
SINO	noctiflora	Nightflowering silene
SINU	nuda	
SIOR2	oregana	Oregon silene
SIPA	parryi	Parry silene
SIPE	petersonii	
SIRE	rectiramea	
SIRE2	repens	
SISA	sargentii	
SISC	scaposa	
SISC2	scouleri	Scouler silene
SISP	spaldingii	
SIVE	verecunda	
SILYB	Silybum spp.	Milkthistle
SIMA	marianum	Blessed milkthistle
SISYM	Sisymbrium spp.	Tumblemustard (see Chlorocrambe)
SIAL	altissimum	Tumblemustard
SIAM	ambiguum	
SIIR	irio	London racket tumblemustard
SIIO2	loeselii	Hedgemustard

FORBS		
SISYM	Sisymbrium spp.	(con.)
SIOF	officinale	
SISYR	Sisyrinchium spp.	Blue-eyed-grass
SIBE	bellum	Western blue-eyed-grass
SIDO2	douglasii	Douglas blue-eyed-grass
SIHA2	halophilum	
SIID	idahoensis	Idaho blue-eyed-grass
SIIN	inflatum	
SIMO2	montanum	Colorado blue-eyed-grass
SIOC	occidentale	Montana blue-eyed-grass
SIRA	radicatum	
SISA2	sarmentosum	
SIUM	Sium spp.	Waterparsnip
SISU	suave	Hemlock waterparsnip
SMELO	Smelowskia spp.	Smelowskia
SMCA	calycina	
SMHO	holmgrenii	
SMILA	Smilacina spp.	Solomon-plume; false Solomon-seal
SMRAA	racemosa amplexicaulis	Fat Solomon-plume
SMST	stellata	Starry Solomon-plume
SOLAN	Solanum spp.	Nightshade
SOCA	carolinense	Carolina horsenettle
SODU	dulcamara	Bitter nightshade
SOEL	elaeagnifolium	Silverleaf nightshade
SOJA	jamesii	James nightshade
SONI	nigrum	Black nightshade
SORO	rostratum	Buffalobur nightshade
SOSA	sarachoides	
SOTR	triflorum	Cutleaf nightshade
SOLID	Solidago spp.	Goldenrod
SOCA2	canadensis (elongatus)	Canada goldenrod
SOCO	confinis	
SOGI	gigantea	Giant goldenrod
SOGR	graminifolia	Grassleaf goldenrod

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FORBS		
SOLID	Solidago spp.	(con.)
SOMI	missouriensis (concinna)	Missouri goldenrod
SOMO	mollis	Velvety goldenrod
SOMU	multiradiata (ciliosa)	Low goldenrod
SONA	nana	Baby goldenrod
SONE	nemoralis	Dyersweed goldenrod
SOOC	occidentalis	Western goldenrod
SOPA	parryi	Parry goldenrod
SORI	rigida	Stiff goldenrod
SOSE	serotina	Smooth goldenrod
SOSP3	sparsiflora	
SOSP	spathulata	Coast goldenrod
SOSP2	spectabilis	Nevada goldenrod
SOTE	tenuifolia	
SONCH	Sonchus spp.	Sowthistle
SOAR	arvensis	Field sowthistle
SOAS	asper	Prickly sowthistle
SOOL	oleraceus	Common sowthistle
SOUL	uliginosus	
SOPHO	Sophora spp.	Sophora
SONU	nuttalliana	Silky sophora
SOST	stenophylla	Fringeleaf sophora
SPERG	Spergula spp.	Spurry
SPAR	arvensis	Corn spurry
SPER2	Spergularia spp.	Sandspurry
SPAT	atrosperma	
SPMA	marina	Saltmarsh sandspurry
SPRU	rubra	Red sandspurry
SPHAE	Sphaeralcea spp.	Globemallow
SPAM	ambigua	Desert globemallow
SPCA	caespitosa	Tufted globemallow
SPCO2	coccinea	Scarlet globemallow
SPDI	digitata	
SPEM	emoryi	
SPFE	fendleri	Fendler globemallow
SPFR	fremontii	Fremont globemallow
SPGR	grossulariaefolia	Gooseberryleaf globemallow
SPIN	incana	

FORBS			FORBS		
SPHAE	Sphaeralcea spp. (con.)		STELL	Stellaria spp. (con.)	
SPLE	leptophylla		STNI	nitens	
SPMU	munroana	Munro globemallow	STOB	obtusa	
SPPA	parvifolia		STUM	umbellata	
SPRE	remota		STEPH	Stephanomeria Wirelettuce	
SPRI	rivularis	Stream globemallow	spp.		
SPRU2	rusbyi		STEX	exigua	
SPSU	subhastata		STLA2	lactucina	
SPHA2	Sphaerophysa Swainsonpea		STLY	lygodesmoides	
SPSA2	salsula	Salt globepea	STPA2	paniculata	
SPHE2	Sphenosciadium Woollyheadparsnip		STPA3	pauciflora	
SPCA2	capitellatum	Range woollyhead-parsnip	STTE2	tenuifolia	Slender wirelettuce
SPIR2	Spiranthes spp. Ladies-tresses		STVI2	virgata	
SPPO	porrifolia	Creamy ladies-tresses	STILL	Stillingia spp. Stillingia	
SPRO	romanzoffiana	Continental ladies-tresses	STSP	spinulosa	
SPIRO	Spirodela spp. Great ducksmeat		STREP	Streptanthella	
SPPO2	polyrhiza	Common ducksmeat	spp.		
STACH	Stachys spp. Betony, hedge nettle		STLO3	longitrostris	
STAL	albens		STRE2	Streptanthu Twistflower	
STPA	palustris	Marsh betony	spp.		
STRI	rigida		STCO3	cordatus	Heartleaf twistflower
STRO	rothrockii		STRE3	Streptopus spp. Twisted-stalk	
STTE	teucriformis		STAM	amplexifolius	Claspleaf twisted-stalk
STANL	Stanleya spp. Princesplume		STYLO	Stylocline spp.	
STAL2	albescens	Arizona princesplume	STFI	filaginea	
STCO4	confertiflora		STMI	micropoides	
STPI2	pinnata	Desert princesplume	STPS	psiiocarphoides	
STIN	integrifolia	Wholeleaf desert princesplume	SUAED	Suaeda spp. Seepweed	
STAN2	Stanleyella spp. (see Thelypodium)		SUDE	depressa	Pursh seepweed
STEIR	Steironema spp. (see Lysimachia)		SUFR	fruticosa	Alkali seepweed
STELL	Stellaria spp. Starwort		SUNI	nigra	
STCAI	calycanth interior	Northern starwort	SUOC	occidentalis	Western seepweed
STCR	crispa		SUSU	suffrut-escens	Desert seepweed
STJA	jamesiana	Tuber starwort	SUTO	torreyana	Torrey seepweed
STLO	longifolia		SUBUL	Subularia spp. Awlwort	
STLO2	longipes	Longstalk starwort	SUAQ	aquatica	Water awlwort
STME	media	Chickweed	SUKSD	Suksdorfia spp. Suksdorfia	
			SURA	ranunculifolia	
			SWERT	Swertia spp. Swertia	
			SWPE	perennis	Alpinebog swertia

FORBS			FORBS		
SYNTH	Synthyris spp. Kittentails		THELY	Thelypodium spp. Thelypody	
SYLA	laciniata		(Stanleyella)		
SYMI	missurida		THCR	crispum	
SYPI	pinnatifida	Featherleaf kittentails	THEU	eucosum	
SYNTR	Syntrichopappus spp.		THFL	flexuosum	
SYFR	fremontii		THHO	howellii	Howell thelypody
TALIN	Talinum spp. Fameflower		THIN	integrifolium	Entireleaved thelypody
TABR	breviflorum		THLA	laciniatum	Cutleaved thelypody
TAPA	parviflorum	Prairie fameflower	THLA2	lasiophyllum	
TAVA	validulum		THRO	rollinsii	
TANAC	Tanacetum spp. Tansy		THSA	sagittatum	
TACA2	canum		THWR	wrightii	
TRCA	carolinensis		THERM	Thermopsis spp. Thermopsis	
TANU	nuttallii		THCA	cardinians	
TAPO	potentilloides		THMO	montana	Mountain thermopsis
TAVU	vulgare	Common tansy	THPI	pinetorum	Pine thermopsis
TARAX	Taraxacum spp. Dandelion		THLAS	Thlaspi spp. Pennycress	
TACE	ceratophorum	Rough dandelion	THAR	arvense	Field pennycress
TAER	erriophorum		THMO3	montanum	Blue pennycress
TALA	laevigatum	Smooth dandelion	THYSA	Thysanocarpus spp. Lacepod	
TALY	lyratum		THAM	amplectens	
TAOF	officinale	Common dandelion	THCU	curvipes	
TELES	Telesonix spp.		THLA3	laciniatus	
TEJA	jamesii		TIARE	Tiarella spp. Foamflower	
TEUCR	Teucrium spp. Germander; woodsage		TITR	trifoliata	Trefoil foamflower
TECA2	canadense	American germander	TIDES	Tidestromia spp. Tidestromia	
THALI	Thalictrum spp. Meadowrue		TILA	lanuginosa	Woolly tidestromia
THAL	alpinum	Alpine meadowrue	TIOB	oblongifolia	Honeysweet tidestromia
THDA	dasycarpum	Purple meadowrue	TILLA	Tillaea spp. Pigmyweed	
THFE	fendleri	Fendler meadowrue	TIAQ	aquatica	Common pigmyweed
THOC	occidentale	Western meadowrue	TOFIE	Tofieldia spp. Tofieldia	
THSP	sparsiflorum		TOGL	glutinosa	Tofieldia
THVE	venulosum	Veiny meadowrue	TOWNS	Townsendia spp. Townsendia	
THELE	Thelesperma spp. Greenthread		TOAN	annua	
THMA	marginatum		TOAP	aprica	
THME	megapotamicum		TOCO	condensata	
THSU	subnudum	Navajo-tea greenthread	TOEX	exscapa	Stemless townsendia
THEL2	Thelypodiopsis spp.		TOFL	florifer (ambigua)	
THAU	aureum		TOHO	hookeri	Hooker townsendia
THEL	elegans		TOIN	incana	Hoary townsendia
THWY	wyomingensis				

FORBS		
<u>TOWNS</u>	Townsendia spp. (con.)	
<u>TOJO</u>	jonesii	
<u>TOLE</u>	leptotes	
<u>TOME</u>	mensana	
<u>TOMI</u>	minima	
<u>TOMO</u>	montana	Mountain townsendia
<u>TOPA2</u>	parryi	Parry townsendia
<u>TOSP</u>	spathulata	
<u>TOST</u>	strigosa	Hairy townsendia
<u>TRADE</u>	Tradescantia spp.	Spiderwort
<u>TROC</u>	occidentalis	Prairie spiderwort
<u>TRPI</u>	pinetorum	Woods spiderwort
<u>TRAGI</u>	Tragia spp.	Noseburn
<u>TRST</u>	stylaris	
<u>TRAGO</u>	Tragopogon spp.	Goatsbeard, salsify
<u>TRDU</u>	dubius	Yellow salsify
<u>TRPO</u>	porrifolius	Vegetable-oyster salsify
<u>TRPR</u>	pratensis	Meadow salsify
<u>TRAUT</u>	Trautvetteria spp.	False-bugbane
<u>TRCA</u>	carolinensis	
<u>TRIAN</u>	Trianthema spp.	Horse-purslane
<u>TRPO2</u>	portulacastrum	Desert horse-purslane
<u>TRIBU</u>	Tribulus spp.	Puncturevine; caltrop
<u>TRTE</u>	terrestris	Puncturevine
<u>TRICA</u>	Tricardia spp.	
<u>TRWA</u>	watsonii	
<u>TRIC2</u>	Trichoptilium spp.	
<u>TRIN</u>	incisum	
<u>TRIC3</u>	Trichostema spp.	Bluecurls
<u>TRAU</u>	austromontanum	
<u>TROB</u>	oblongum	
<u>TRSI</u>	simulatum	
<u>TRIFO</u>	Trifolium spp.	Clover
<u>FRAG</u>	agrarium	Hop clover
<u>TRAM</u>	ambiguum	Kura clover
<u>TRAN</u>	andersonii	Fiveleaf clover
<u>TRAN2</u>	andinum	
<u>TRBE2</u>	beckwithii	Beckwith clover

FORBS		
<u>TRIFO</u>	Trifolium spp. (con.)	
<u>TRCA2</u>	campestre	Large hopclover
<u>TRCH</u>	cherleri	
<u>TRCY</u>	cyathiferum	Cup clover
<u>TRDA</u>	dasyphyllum	Whiproot clover
<u>TRDO</u>	douglasii	Douglas clover
<u>TRDU2</u>	dubium	Suckling clover
<u>TRER</u>	eriocephalum	Woollyhead clover
<u>TRFE</u>	fendleri	Fendler clover
<u>TRFR</u>	fragiferum	Strawberry clover
<u>TRGE</u>	gemellum	
<u>TRGL</u>	glomeratum	Cluster clover
<u>TRGY</u>	gymnocarpon	Hollyleaf clover
<u>TRHI</u>	hirtum	Rose clover
<u>TRHY</u>	hybridum	Alsike clover
<u>TRKI</u>	kingii	Kings clover
<u>TRLA</u>	leppaceum	Burdock clover
<u>TREE</u>	leibergii	
<u>TRLE2</u>	lemmonii	Lemmons clover
<u>TRLO</u>	longipes	Longstalk clover
<u>TRLOR</u>	longipes reflexum	
<u>TRMA</u>	macilentum	Utah clover
<u>TRMA2</u>	macrocephalum	Bighead clover
<u>TRMI</u>	microcephalum	Littlehead clover
<u>TRMO</u>	monanthum	Carpet clover
<u>TRMO2</u>	monoense	Mono clover
<u>TRNA</u>	nanum	Dwarf clover
<u>TRPA</u>	parryi	Parry clover
<u>TRPI3</u>	pinetorum	
<u>TRPL</u>	plumosum	Pussy clover
<u>TRPR2</u>	pratense	Red clover
<u>TRPR3</u>	procumbens	Low hop clover
<u>TRPR4</u>	productum	
<u>TRRE</u>	repens	White clover
<u>TRRE2</u>	resupinatum	Persian clover
<u>TRST2</u>	striatum	Knotted clover
<u>TRSU</u>	subterraeum	Subterranean clover
<u>TRVA</u>	variegatum	Whitetip clover
<u>TRWI</u>	willdenovii	Sierra clover
<u>TRIGL</u>	Triglochin spp.	Podgrass, arrowgrass
<u>TRCO</u>	concinna	
<u>TRDE</u>	debilis	
<u>TRMA3</u>	maritima	Shore podgrass
<u>TRPA2</u>	palustris	Arrow podgrass
<u>TRIGO</u>	Trigonella spp.	Trigonella
<u>TRFO</u>	foenum-graecum	Fenugreek trigonella

FORBS		
<u>TRILL</u>	Trillium spp.	Trillium
<u>TROV</u>	ovatum	Pacific trillium
<u>TRPE</u>	petiolatum	Idaho trillium
<u>TRIOD</u>	Triodanis spp.	
<u>TRPE2</u>	perfoliata	Clasping venus lookingglass
<u>TRIXI</u>	Trixis spp.	Trixis
<u>TRCA5</u>	californica	American trixia
<u>TROLL</u>	Trollius spp.	Globeflower
<u>TRLA2</u>	laxus	American globeflower
<u>TYPHA</u>	Typha spp.	Cattail
<u>TYDO</u>	domingensis	Dominican cattail
<u>TYGLG</u>	glauca godron	
<u>TYLA</u>	latifolia	Common cattail
<u>URTIC</u>	Urtica spp.	Nettle
<u>URDI</u>	dioica	Big stinging nettle
<u>URHO</u>	holosericea	California slim nettle
<u>URLY</u>	lyallii	Lyall nettle
<u>URSE</u>	serra	
<u>UTRIC</u>	Utricularia spp.	Bladderwort
<u>UTIN</u>	intermedia	
<u>UTMI</u>	minor	Lesser bladderwort
<u>UTVU</u>	vulgaris	Common bladderwort
<u>VACCA</u>	Vaccaria spp.	Soapwort
<u>VASE</u>	segetalis	Cow soapwort
<u>VALER</u>	Valeriana spp.	Valerian
<u>VAAC</u>	acutiloba	Sharpleaf valerian
<u>VAAR</u>	arizonica	Arizona valerian
<u>VAED</u>	edulis	Edible valerian
<u>VAOC</u>	occidentalis (micrantha)	Western valerian
<u>VALE2</u>	Valerianella spp.	Cornsalad
<u>VALO</u>	locusta	
<u>VANCL</u>	Vanclevea spp.	
<u>VAST</u>	stylosa	

FORBS		
<u>VERAT</u>	Veratrum spp.	False-hellebore
<u>VECA</u>	californicum	California false-hellebore
<u>VEES</u>	eschscholtzii	Eschscholtz false-hellebore
<u>VERBA</u>	Verbascum spp.	Mullein
<u>VEBL</u>	blattaria	Moth mullein
<u>VETH</u>	thapsus	Flannel mullein
<u>VERBE</u>	Verbena spp.	Verbena
<u>VEBR</u>	bracteata	Bigbract verbena
<u>VECA2</u>	canescens	
<u>VECA3</u>	carolina	
<u>VEGO</u>	gooddingii	
<u>VEHA</u>	hastata	Blue verbena
<u>VEMA</u>	macdougalii	
<u>VERB2</u>	Verbesina spp.	Crownbeard
<u>VEEN</u>	encelioides	Golden crownbeard
<u>VERON</u>	Veronica spp.	Speedwell
<u>VEAM</u>	americana	American speedwell
<u>VEAN</u>	anagallis-aquatica	Water speedwell
<u>VEAR</u>	arvensis	Common speedwell
<u>VEBE</u>	beccabunga	Beccabunga speedwell
<u>VEBI</u>	biloba	
<u>VECA4</u>	catentata	
<u>VECU</u>	cusickii	
<u>VEHE</u>	hederaefolia	Ivyleaf speedwell
<u>VEPE</u>	peregrina	Purslane speedwell
<u>VEPE2</u>	persica	Birdseye speedwell
<u>VESE</u>	scutellata	Marsh speedwell
<u>VESE</u>	serpyllifolia	Thymeleaf speedwell
<u>VEWO</u>	wormskjold	Wormskjold speedwell
<u>VICIA</u>	Vicia spp.	Vetch
<u>VIAMM</u>	americana minor	American vetch
<u>VIAMT</u>	americana truncata	Bluntleaf American vetch
<u>VICR</u>	cracca	Bird vetch
<u>VIEX</u>	exigua	Slim vetch
<u>VIHI</u>	hirsuta	Tiny vetch
<u>VISA</u>	sativa	Common vetch
<u>VITE</u>	tenuifolia	Bramble vetch
<u>VIVI</u>	villosa	Hairy vetch

FORBS		
VIGUI	Viguiera spp.	Goldeneye
VIAN	annua	Annual goldeneye
VICI	ciliata	Hairy goldeneye
VIDE	deltoidea	Shrubby goldeneye
VIMUM	multiflora	Showy goldeneye
VIMUN	multiflora	Nevada showy goldeneye
VISO	soliceps	
VIOLA	Viola spp.	Violet
VIAD	adunca	Hook violet
VIAR	arvensis	Field violet
VIBE	beckwithii	Beckwith violet
VICA	canadensis	Canada violet
VICH	charles-tonensis	
VIGL	glabella	Pioneer violet
VIMA	macloskeyi	Macloskey violet
VINE	nephrophylla	Wanderer violet
VINUN	nuttallii	
	nuttallii	
	(linguae-folia)	Nuttall violet
VINUJ	nuttallii	
	vallicola	
VIOD	odorata	Sweet violet
VIPA	palustris	Marsh violet
VIPR	praemorsa	Yellow violet
VIPU	purpurea	Goosefoot violet
VIUT	utahensis	Utah violet
WISLI	Wislizenia spp.	Jackass clover
WIRE	refracta	
WOLFF	Wolffia spp.	Watermeal
WOPU	punctata	
WOODS	Woodsia spp.	Woodsia
WOME	mexicana	Mexican woodsia
WOOR	oregana	Oregon woodsia
WOPL	plummerae	Plummer woodsia
WOSC	scopulina	Rocky Mountain woodsia
WOODW	Woodwardia spp.	Chainfern
WOFI	fimbriata	Western chainfern
WYETH	Wyethia spp.	Wyethia
WYAM	amplexicaulis	Mulsears wyethia
WYAR	arizonica	Arizona wyethia
WYHE	helianthoides	Whitehead wyethia

FORBS		
WYETH	Wyethia spp.	(con.)
WYMO	mollis	Woolly wyethia
WYSC	scabra	Badlands wyethia
XANTH	Xanthium spp.	Cocklebur
XASP	spinosa	Spiny cocklebur
XAST	strumarium	
XEROP	Xerophyllum spp.	Beargrass
XETE	tenax	Common beargrass
ZANNI	Zannichellia spp.	Poolmat
ZAPA	palustris	Common poolmat
ZAUSC	Zauschneria spp.	Firechalice
ZAGA	garrettii	Garrett firechalice
ZIGAD	Zigadenus spp.	Deathcamas
ZIEL	elegans	Mountain deathcamas
ZIPA	paniculatus	Foothill deathcamas
ZIVE	venenosus	Meadow deathcamas
ZIGR2	gramineus	Grassy deathcamas
ZIVA	vaginatus	
ZINNI	Zinnia spp.	Zinnia
ZIGR	grandiflora	Rocky Mountain zinnia
ZIZIA	Zizia spp.	Zizia
ZIAP	aptera	
ZUCKI	Zuckia spp.	
ZUAR	arizonica	
ZYGOP	Zygophyllum spp.	Beancaper
ZYFA	fabago	Syrian beancaper

TREES AND SHRUBS		
Alpha code	Scientific name	Common name
ABIES	Abies spp.	Fir
ABCO	concolor	White fir
ABGR	grandis	Grand fir
ABLA	lasiocarpa	Subalpine fir
ABMA	magnifica	California red fir
ACACI	Acacia spp.	Acacia
ACGR2	greggii	Catclaw acacia
ACAMP	Acamptopappus spp.	Goldenhead
ACSH	shockleyi	Shockley goldenhead
ACSPS	sphaerocephalus	Rayless goldenhead
	sphaerocephalus	
ACSPH	sphaerocephalus	
	hirtellus	
ACER	Acer spp.	Maple
ACGI	ginnala	Amur maple
ACGLG	glabrum	Rocky Mountain maple
	glabrum	
ACGLD	glabrum	
	diffusum	
ACGL2	glabrum	Douglas Rocky Mountain maple
	douglasii	
ACGLN	glabrum	
	neomexicanum	
ACGLT	glabrum	
	torreyi	
ACGL2	glabrum	
	tripartitum	
ACGR	grandidentatum	Bigtooth maple
ACMA	macrophyllum	Bigleaf maple
ACNEN	negundo	
	negundo	
ACNEI	negundo	Boxelder
	interius	Inland or Manitoba boxelder
ACNI	nigrum	Black maple
ACPL	platanoides	Norway maple
AESCU	Aesculus spp.	Horsechestnut or Buckeye
AEHI	hippocastanum	Common horsechestnut
AESCU	Aesculus spp.	Horsechestnut or Buckeye
AEGL	aesculus	Ohio buckeye
	glabra	
AEHI	hippocastanum	Common horsechestnut
AEOC	aesculus	Yellow buckeye
	octandra	

TREES AND SHRUBS		
Alpha code	Scientific name	Common name
AGAVE	Agave spp.	Agave
AGDE	deserti	Desert agave
AGKA	kaibabensis	Kaibab agave
AGUT	utahensis	Utah agave
AILAN	Ailanthus spp.	Ailanthus
ATIAL	altissima	Tree of heaven ailanthus
ALHAG	Alhagi spp.	
ALCA	camelorum	Camelthorn
ALLEN	Allenrolfea spp.	Iodine bush
ALOC	occidentalis	Iodine bush
ALNUS	Alnus spp.	Alder
ALOB	oblongifolia	New Mexico alder
ALRH	rhombofolia	White (Sierra) alder
ALSI2	sinuata	
ALTE	tenuifolia	Thinleaf alder
AMERO	Ambrosia spp.	Bur-sage
	(Franseria)	
AMDU	dumosa	White bur-sage
AMER	eriacenta	Woolly bur-sage
AMELA	Amelanchier spp.	Serviceberry
AMALA	alnifolia	Saskatoon serviceberry
AMALC	alnifolia	Cusick serviceberry
	cusickii	
AMALP	alnifolia	Pale serviceberry
	pallida	
AMAL3	alnifolia	Dwarf saskatoon
	pumila	
AMFL	florida	Pacific serviceberry
AMUTU	utahensis	Utah serviceberry
	utahensis	
	(oreophila)	
AMUTC	utahensis	
	covillei	
AMORP	Amorpha spp.	Amorpha
AMCA2	canescens	Leadplant
AMFR	fruticosa	Indigobush
	amorpha	
AMPHI	Amphipappus spp.	Chaff-bush
AMFRF	fremontii	
	fremontii	
AMFRS	fremontii	
	spinosa	

TREES AND SHRUBS		
ARCT2	Arctostaphylos	
ARNE	spp. nevadensis	Manzanita
ARPA2	parryana	Pinemat manzanita
ARPAP	parryana	Parry manzanita
ARPA	pinetorum patula	Pine manzanita
ARPU	pungens	Greenleaf manzanita
ARUV	uva-ursi	Pointleaf manzanita
ARTE2	Artemisia spp.	Sagebrush; wormwood
ARAB2	abrotanum	Oldman wormwood (Southernwood)
ARABN	artemisia abrotanum nana	Dwarf old man
ARAR	arbuscula	Low sagebrush
ARBI	bigelovii	Bigelow sagebrush
ARCAB	campestris borealis	Sagewort wormwood
ARCBS	campestris borealis var. scouleriana	
ARCAC	cana cana	Silver sagebrush
ARCAV	cana	Mountain silver sagebrush
ARCA4	viscidula cana	Bolander silver sagebrush
ARCA5	bolanderi	Carruth sagebrush
ARDO2	carruthii	
ARFI	douglasiana	Sand sagebrush
ARFR	filifolia	Fringed sagebrush
ARLO3	frigida	Longleaf sagebrush
ARLO4	longifolia	Alkali sagebrush
ARNO	longiloba	Black sagebrush
ARPA5	nova	
ARPA6	papposa	
ARPE3	parryi	Birdfoot sagebrush
ARPY	pedatifida	Pygmy sagebrush
ARRI	pygmaea	Stiff sagebrush
ARRO	rigida	Timberline sagebrush
ARSP	rothrockii	Bud sagebrush
ARTRT	spinescens	Basin big sagebrush
ARTRV	tridentata	tridentata sagebrush
ARTRW	tridentata vaseyana	Mountain big sagebrush
ARTR2	tridentata wyomingensis	Wyoming big sagebrush
ARTRR	tripartita	Tall threetip sagebrush
	tripartita	Wyoming threetip sagebrush
	rupicola	

TREES AND SHRUBS		
ATRI2	Atriplex spp.	Saltbush
ATBO	bonnevilleensis	
ATCA	canescens	Fourwing saltbush
ATCO	confertifolia	Shadscale
ATCO2	corrugata	Mat saltbush
ATCU	cuneata	Castle valley clover
ATFA	falcata	
ATGA	gardneri	Gardner saltbush
ATGA2	garrettii	Garrett saltbush
ATHY	hymenelytra	Desertholly saltbush
ATLE	lentifformis	Big saltbush
ATNA	navajoensis	
ATOB	obovata	Broadscale saltbush
ATPA	parryi	Parry saltbush
ATPL2	pleiantha	
ATPO	polycarpa	Cattle saltbush
ATTO	torreyi	
ATTR	tridentata	
ATTR2	truncata	Wedgescale saltbush
ATWE	welshii	Welsh saltbush
AYENI	Ayenia spp.	Ayenia
AYPU	pusilla	Dwarf ayenia
BACCH	Baccharis spp.	Baccharis
BAEM	emoryi	Emory baccharis
BAGL	glutinosa	Seepwillow baccharis
BASE	sergiloides	Squaw baccharis
BAVI	viminea	Mulefat baccharis
BAWR	wrightii	Wright baccharis
BEBBI	Bebbia spp.	Bebbia
BEJU	juncea	Rush bebbia
BERBE	Berberis spp. (Mahonia)	Barberry
BEAC	acuifolium	Shining barberry
BEFR	fremontii	Fremont barberry
BEHA	haematocarpa	Red barberry
BERE	repens	Creeping barberry

TREES AND SHRUBS		
BERNA	Bernardia spp.	Bernardia
BEIN	incana	
BETUL	Betula spp.	Birch
BEGL	glandulosa	Bog birch
BEOCO	occidentalis	Water birch
	occidentalis	(frontinalis)
BEOCI	occidentalis inopinal	
BEPAP	papyrifera	Western paper birch
BEPAC	papyrifera	
BEPAS	papyrifera subcorda	Northwestern paper birch
BRIC2	Brickellia spp.	Brickellia
BRAT	atractyloides	Spiny brickellia
BRCA2	californica	California brickellia
BRDE	desertorum	Desert brickellia
BRFR	frutescens	Rigid brickellia
BRGR	grandifolia	Tassel flower brickellia
BRIN2	incana	White brickellia
BRLO	longifolia	Longleaf brickellia
BRMIM	microphylla	Littleleaf
BRMIS	microphylla scabra	Rough brickellia
BRMU	multiflora	Inyo brickellia
BROBO	oblongifolia	Mohave brickellia
BROBL	oblongifolia linifolia	
BRWA	watsonii	Watson brickellia
BUDDL	Buddleia spp.	Butterflybush
BUDA	davidi	Orange-eye butterflybush
BUHA	hartwegi	
BUUT	utahensis	Utah butterflybush
CANOT	Canotia spp.	Canotia
CAHO	holacantha	Mohave canotia
CARAG	Caragana spp.	Peashrub
CAAR	arborescens	Siberian peashrub
CAARP	arborescens pygmaea	Pygmy peashrub
CASSI	Cassia spp.	Senna
CAAR4	armata	Desert senna
CACO4	covesii	Hairy senna

TREES AND SHRUBS		
CASS2	Cassiope spp.	Cassiope
CAME2	mertensiana	Mertens cassiope
CAMEG	mertensiana gracilis	
CEANO	Ceanothus spp.	Buckbrush, ceanothus
CECO	cordulatus	Mountain white-thorn ceanothus
CECU2	cuneatus	Wedgeleaf ceanothus
CEFE	fendleri	Fendler ceanothus
CEGRG	greggii	Mohave desert ceanothus
CEGRV	greggii vestitus	
CEINI	integerrimus	Deerbrush ceanothus
CEINC	integerrimus californicus	
CELE3	lemmoni	Lemmon ceanothus
CELO	lorenzenii	
CEMA	martinii	Martin ceanothus
CEPR	prostratus	Squawcarpet ceanothus
CESA	sanguineus	Redstem ceanothus
CEVE	velutinus	Snowbrush ceanothus
CEDRU	Cedrus spp.	Cedar
CEDE	deodara	Deodar cedar
CELDI	Celtis spp.	Hackberry
CEDO	douglasii	Douglas hackberry
CEOC	occidentalis	Common hackberry
CERE	reticulata	Netleaf hackberry
CERA2	Ceratoides spp. (Eurotia)	Winterfat
CELAL	lanata	lanata Common winterfat
CELAS	lanata subspinoso	Bush winterfat
CERCI	Cercis spp.	Redbud
CECA3	canadensis	Eastern redbud
CEOC2	occidentalis	California redbud
CERCO	Cercocarpus spp.	Mountain-mahogany
CEBE2	betuloides	Birchleaf mountain mahogany

TREES AND SHRUBS

CERCO	Cercocarpus spp. (con.)	
CELEL	ledifolius	Curlleaf mountain mahogany
CELEI	ledifolius	intercedens
CEIN	intricatus	Littleleaf mountain mahogany
CEMOM	montanus	True mountain mahogany
CEMOG	montanus glaber	
CEMO2	montanus	macrorus
CHAMA	Chamaebatiaria spp.	Tansybush
CHMI	millefolium	Desertsweet
CHILO	Chilopsis spp.	Desert-willow
CHLI	linearis	Desert-willow
CHRY3	Chrysothamnus spp.	Rabbitbrush
CHAL5	albidus	Alkali rabbitbrush
CHDE	depressus	Dwarf rabbitbrush
CHGRG	greenei	Greenes rabbitbrush
CHHU2	humilis	Depauperate rabbitbrush
CHLI2	linifolius	Spreading rabbitbrush
CHNAN	nauseosus	Rubber rabbitbrush
CHNAA	nauseosus	White rubber rabbitbrush
CHNA2	nauseosus	albicaulis rabbitbrush
CHNAB	nauseosus	artus
CHNAB	nauseosus	bigelovii
CHNAC	nauseosus	consimilis
CHNAC	nauseosus	Threadleaf rubber rabbitbrush
CHNAG	nauseosus	glabratus
CHNA4	nauseosus	gnaphaloides
CHNA6	nauseosus	graveolens
CHNAH	nauseosus	hololeucus
CHNAJ	nauseosus	juncus
CHNAL	nauseosus	leiospermus
CHNAP	nauseosus	petrophilus

TREES AND SHRUBS

CHRY3	Chrysothamnus spp. (con.)	
CHNAS	nauseosus	Mountain rubber rabbitbrush
CHNAT	nauseosus	salicifolius
CHNAN	nauseosus	turbinatus
CHNAN	nauseosus	viscosus
CHPAP	parryi	parryi Parry rabbitbrush
CHPAA	parryi	asper
CHPA3	parryi	attenuatus
CHPAH	parryi	howardi
CHPAM	parryi	monophalus
CHPAN	parryi	nevadensis
CHPAV	parryi	vulcanicus
CHPU	pulchellus	Southwest rabbitbrush
CHTE2	teretifolius	Roundleaf rabbitbrush
CHVA	vaseyi	Vasey rabbitbrush
CHVIV	viscidiflorus	Stickyleaf low rabbitbrush
CHVIL	viscidiflorus	lanceolatus
CHVI3	viscidiflorus	latifolius
CHVI5	viscidiflorus	puberulus
CHVIS	viscidiflorus	stenophyllus
CLEM3	Clematis spp.	Clematis, virginsbower
CLAU	aurea	
CLBR	brevicaudata	Shortplume clematis
CLCA	caripensis	
CLCO	columbiana	Columbian clematis
CLHIH	hirsutissima	
CLNIC	hirsutissima	scotti
CLLIL	ligusticifolia	Western virginsbower
CLLIB	ligusticifolia	brevifolia
CLMI	missouriensis	

TREES AND SHRUBS

CLEM3	Clematis spp. (con.)	
CLOR	orientalis	Oriental clematis
CLPS	pseudoalpina	Rocky Mountain clematis
COLEO	Coleogyne spp.	Blackbrush
CORA2	ramosissima	Blackbrush
COLUT	Colutea spp.	Bladdersenna
COAR	arborescens	Common bladdersenna
COIS	istria	Mediterranean bladdersenna
CONDA	Condalia spp.	Condalia
COLYL	lycioides	Desert south-western condalia
COLYC	lycioides	canescens
CORNU	Cornus spp.	Dogwood
COSTS	stolonifera	Redosier dogwood
COSTO	stolonifera	occidentalis
COSTO	stolonifera	Western dogwood
COTON	Cotoneaster spp.	Cotoneaster
COAC	acutifolia	Peking cotoneaster
COIN	integerrima	European cotoneaster
COLU	lucida	Hedge cotoneaster
CORA3	racemiflora	Redbead cotoneaster
COTO2	tomentosa	Brickberry cotoneaster
COTU	turkestanica	
COWAN	Cowania spp.	Cliffrose
COMES	mexicana	Stansbury cliffrose
COMES	stansburiana	
CRATA	Crataegus spp.	Hawthorn
CRDO2	douglasii	Douglas hawthorn
CRRI	rivularis	River hawthorn
CRLA	lauta	Franklin hawthorn
CROX	oxyacantha	English hawthorn
CUPRE	Cupressus spp.	Cypress
CUARA	arizonica	Arizona cypress
CUARN	arizonica	nevadensis
CUARN	arizonica	Piute cypress
DALE2	Dalea spp.	Dalea, indigo bush
DAFO	formosa	Feather dalea

TREES AND SHRUBS

DALE2	Dalea spp. (con.)	
DAFRF	fremontii	Fremont dalea
DAFRM	fremontii	Desert beauty
DAFRP	fremontii	minutifolia
DAFRS	fremontii	pubescens
DAFRS	fremontii	saundersii
DAKI	kingii	King dalea
DAMO	mollissima	
DAPO	polyadenia	Nevada dalea
DATE	terminalis	
DATH	thompsonae	Thompson dalea
DRYAS	Dryas spp.	Dryad
DROCA	octopetala	angustifolia
DROCH	octopetala	hookeriana
ECHIN	Echinocactus spp.	Hedgehog cactus
ECAC	acanthodes	Barrelcactus
ECPOX	polycephalus	xeranthemoides
ECHI2	Echinocereus spp.	Echinocereus
ECEN	engelmannii	Engelmann echinocereus
ECFE	fendleri	Fendler echinocereus
ECTRM	triglochidiatus	melanacanthus
ECTR3	triglochidiatus	mojavensis
ELAEA	Elaeagnus spp.	Elaeagnus
ELAN	angustifolia	Russian-olive
ELCO2	commutata	Silverberry
ELUM	umbellatum	Autumn elaeagnus
ENCEL	Encelia spp.	Encelia
ENFA	farinosa	Inciense (White brittlebush)
ENFR	frutescens	Bush encelia
ENFRA	frutescens	actonii
ENFRF	frutescens	resinosa
ENFRV	frutescens	virginensis

TREES AND SHRUBS

<u>EPHED</u>	<i>Ephedra</i> spp.	<i>Ephedra</i> , jointfir, Mormon tea
EPAS	<i>aspera</i>	Rough ephedra
EPCU	<i>cutleri</i>	Cutler ephedra
EPFA	<i>fasciculata</i>	
	<i>fasciculata</i>	
EPFAC	<i>fasciculata</i>	
	<i>clokeyi</i>	
EPNE	<i>nevadensis</i>	Nevada ephedra
EPTO	<i>torreyana</i>	Torrey ephedra
EPVI	<i>viridis</i>	Green ephedra
ERIOD	<i>Eriodictyon</i>	<i>Yerba-santa</i>
	spp.	
ERAN	<i>angustifolium</i>	Narrowleaf <i>yerba-santa</i>
ERIO2	<i>Eriogonum</i> spp.	<i>Eriogonum</i> or Wild buckwheat
ERDI	<i>divergens</i>	
EREFE	<i>effusum</i>	Spreading buckwheat
	<i>effusum</i>	
EREFD	<i>effusum durum</i>	
EREFN	<i>effusum</i>	
	<i>nelsonii</i>	
EREFO	<i>effusum</i>	
	<i>ordiculatum</i>	
EREFS	<i>effusum</i>	
	<i>salinum</i>	
EREF2	<i>effusum</i>	
	<i>shandsii</i>	
ERFAP	<i>fasciculatum</i>	California
	<i>polifolium</i>	flattop wild- buckwheat
ERFAR	<i>fasciculatum</i>	
	<i>revolutum</i>	
ERFR	<i>fruticulosum</i>	
ERHE2	<i>heracleoides</i>	Wyeth eriogonum
ERMIM	<i>microthecum</i>	Slenderbush
	<i>microthecum</i>	eriogonum
ERMIC	<i>microthecum</i>	
	<i>confertiflorum</i>	
ERMI2	<i>microthecum</i>	
	<i>crispus</i>	
ERMIE	<i>microthecum</i>	
	<i>expansum</i>	
ERMIF	<i>microthecum</i>	
	<i>friscanum</i>	
ERMII	<i>microthecum</i>	
	<i>idahoense</i>	
ERMI3	<i>microthecum</i>	
	<i>intermedium</i>	
ERMI4	<i>microthecum</i>	
	<i>maddockii</i>	
EROV	<i>ovalifolium</i>	Cushion eriogonum
ERUM	<i>umbellatum</i>	Sulfur eriogonum
	<i>(neglectum)</i>	

TREES AND SHRUBS

<u>EUROT</u>	<i>Eurotia</i> spp.	(see <i>Ceratoides</i>)
<u>FALLU</u>	<i>Fallugia</i> spp.	Apache-plume
<u>FAPA</u>	<i>paradoxa</i>	Apache-plume
<u>FENDL</u>	<i>Fendlera</i> spp.	Fendlerbush
<u>FERU2</u>	<i>rupicola</i>	Cliff fendlerbush
<u>FEND2</u>	<i>Fendlerella</i> spp.	Fendlerella
<u>FEUT</u>	<i>utahensis</i>	Utah fendlerella
<u>FEROC</u>	<i>Ferocactus</i> spp.	Ferocactus
<u>FEACL</u>	<i>acanthodes</i>	
	<i>lecontei</i>	
<u>FICUS</u>	<i>Ficus</i> spp.	Fig
<u>FICA</u>	<i>carica</i>	Common fig (white genoa)
<u>FORES</u>	<i>Forestiera</i> spp.	Forestiera
<u>FONE</u>	<i>neomexicana</i>	New Mexican forestiera
<u>FOPH</u>	<i>phillyreoides</i>	New Mexican olive forestiera
<u>FRAN2</u>	<i>Franseria</i> spp.	(see <i>Ambrosia</i>)
<u>FRAXI</u>	<i>Fraxinus</i> spp.	Ash
<u>FRAM</u>	<i>americana</i>	White ash
<u>FRAN</u>	<i>anomala</i>	Singleleaf ash
<u>FRANL</u>	<i>anomala</i>	Lowell singleleaf ash
	<i>lowellii</i>	
<u>FRCUM</u>	<i>cuspidata</i>	
	<i>macropetala</i>	Fragrant ash
<u>FRDI2</u>	<i>dipetala</i>	Two-petal ash
<u>FRPE</u>	<i>pennsylvanica</i>	Green ash
<u>FRVE2</u>	<i>velutina</i>	Velvet ash
<u>GARRY</u>	<i>Garrya</i> spp.	Silktassel
<u>GAFLF</u>	<i>flavescens</i>	Yellowleaf silktassel
	<i>flavescens</i>	
<u>GAFLP</u>	<i>flavescens</i>	
	<i>pallida</i>	
<u>GAWR</u>	<i>wrightii</i>	Wright silktassel
<u>GAULT</u>	<i>Gaultheria</i> spp.	Honeylocust
<u>GAHI</u>	<i>hispidula</i>	Creeping snowberry
<u>GAHU3</u>	<i>humifusa</i>	Western honeylocust
<u>GAOV</u>	<i>ovatifolia</i>	Slender wintergreen
<u>GLEDI</u>	<i>Gleditsia</i> spp.	Honeylocust
<u>GLTR</u>	<i>triacanthos</i>	Common honeylocust

TREES AND SHRUBS

<u>GLOSS</u>	<i>Glossopetalon</i> spp.	
	(<i>Forsellesia</i>)	Greasebush
<u>GLME</u>	<i>meionandra</i>	
<u>GLNEN</u>	<i>nevadense</i>	
	<i>nevadense</i>	
<u>GLNES</u>	<i>nevadense</i> var.	
	<i>stipuliferum</i>	
<u>GLPU</u>	<i>pungens</i>	Dwarf greasebush
<u>GRAYI</u>	<i>Grayia</i> spp.	Hopsage
<u>GRBR</u>	<i>brandegei</i>	Spineless hopsage
<u>GRSP</u>	<i>spinosa</i>	Spiny hopsage
<u>GUTIE</u>	<i>Gutierrezia</i> spp.	(see <i>Xanthocephalum</i>)
<u>GYMN2</u>	<i>Gymnocladus</i> spp.	Coffeetree
<u>GYDI</u>	<i>dioicus</i>	Kentucky coffeetree
<u>HALIM</u>	<i>Halimodendron</i> spp.	Salt-tree
<u>HAHA</u>	<i>halodendron</i>	Siberian salt-tree
<u>HALLI</u>	<i>Halliophytum</i> spp.	Chuckawallabush
<u>HAHA2</u>	<i>hallii</i>	Halls chucka- wallabush
<u>HAPL2</u>	<i>Haplopappus</i> spp.	Goldenweed
<u>HABL</u>	<i>bloomeri</i>	Rabbitbrush goldenweed
<u>HABR</u>	<i>brickellioides</i>	Brickell goldenweed
<u>HACE</u>	<i>cervinus</i>	
<u>HACU2</u>	<i>cuneatus</i>	Wedgeleaf goldenweed
<u>HALI</u>	<i>linearifolius</i>	Narrowleaf goldenweed
<u>HAMA</u>	<i>macronema</i>	Whitestem goldenweed
<u>HANA</u>	<i>nanus</i>	Dwarf goldenweed
<u>HARA</u>	<i>racemosus</i>	
<u>HARY</u>	<i>rydbergii</i>	Rydberg goldenweed
<u>HASC</u>	<i>scopulorum</i>	
<u>HASU</u>	<i>suffruticosus</i>	Singlehead goldenweed
<u>HAWA</u>	<i>watsonii</i>	Watson goldenweed
<u>HOLOD</u>	<i>Holodiscus</i> spp.	Ocean-spray
<u>HOBO</u>	<i>boursieri</i>	
<u>HODI</u>	<i>discolor</i>	Rockspirea (creambush)

TREES AND SHRUBS

<u>HOLOD</u>	<i>Holodiscus</i> spp.	(con.)
<u>HODUD</u>	<i>dumosus</i>	Bush
	<i>dumosus</i>	ocean-spray
<u>HODUG</u>	<i>dumosus</i>	
	<i>glabrescens</i>	
<u>HOUST</u>	<i>Houstonia</i> spp.	Bluets
<u>HORU</u>	<i>rubra</i>	
<u>HYMEN</u>	<i>Hymenoclea</i> spp.	Burrobrush
<u>HYSA</u>	<i>salsola</i>	White burrobrush
<u>JAMES</u>	<i>Jamesia</i> spp.	Jamesia
<u>JAAMA</u>	<i>americana</i>	
	<i>americana</i>	Cliff jamesia
<u>JAAMC</u>	<i>americana</i>	California cliff jamesia
	<i>californica</i>	
<u>JANUS</u>	<i>Janusia</i> spp.	Janusia
<u>JAGR</u>	<i>gracilis</i>	Slender janusia
<u>JUGLA</u>	<i>Juglans</i> spp.	Walnut
<u>JUMA</u>	<i>major</i>	Arizona black walnut
<u>JUNI</u>	<i>nigra</i>	Eastern black walnut
<u>JUNIP</u>	<i>Juniperus</i> spp.	Juniper
<u>JUCOS</u>	<i>communis</i>	Mountain com- mon juniper
	<i>saxatilis</i>	
<u>JUHO</u>	<i>horizontalis</i>	Creeping juniper
<u>JUMO</u>	<i>monosperma</i>	One-seed juniper
<u>JUOC</u>	<i>occidentalis</i>	Sierra juniper
<u>JUOS</u>	<i>osteosperma</i>	
	(<i>utahensis</i>)	Utah juniper
<u>JUSC</u>	<i>scopulorum</i>	Rocky Mountain juniper
<u>KALMI</u>	<i>Kalmia</i> spp.	Laurel, kalmia
<u>KAPOM</u>	<i>polifolia</i>	Alpine bog kalmia
	<i>microphylla</i>	
<u>KOCHI</u>	<i>Kochia</i> spp.	Summer cypress
<u>KOAMA</u>	<i>americana</i>	Green molley summer cypress
	<i>americana</i>	or red sage
<u>KOAMV</u>	<i>american</i>	Gray summer cypress
	<i>vestita</i>	
<u>KOPR</u>	<i>prostrata</i>	Prostrate summer cypress
<u>KOELR</u>	<i>Koelreuteria</i> spp.	Goldrain-tree
<u>KOPA</u>	<i>paniculata</i>	Panicked goldenrain

TREES AND SHRUBS		
KRAME	Krameria spp.	Krameria
KRGR	grayi	Grays krameria
KRPAG	parvifolia	Littleleaf
	glandulosa	krameria
KRPAI	parvifolia	
	imparata	
LAPHA	Laphamia spp.	
LACO	congesta	
LAFR	fastigiata	
LAGR	gracilis	
LAIN	intricata	
LAPAP	palmeri	
	palmeri	
LAST	stansburii	
LARIX	Larix spp.	Larch
LAOC	occidentalis	Western larch
LARRE	Larrea spp.	Creosotebush
LADI	divaricata	Spreading creosote bush
LEDUM	Ledum spp.	Ledum
LEGL	glandulosum	Western ledum
LEPI3	Lepidospartum	Scalybroom
	spp.	
LELA	latisquamum	Woolly scalybroom
LEPT2	Leptodactylon	
	spp.	
LECA3	caespitosa	Mat prickly phlox
LEPU	pungens	Prickly phlox
LEPUH	pungens	Granite prickly phlox
	hallii	
LEWA	watsonii	Watson prickly phlox
LIBOC	Libocedrus spp.	Incensecedar
LICH	chilensis	Chilean incensecedar
LIDE	decurrens	California incensecedar
LIPPI	Lippia spp.	Lippia
LIWR	wright lippia	
LONIC	Lonicera spp.	Honeysuckle
LOAR	arizonica	Arizona honeysuckle
LOCA3	caerulea	Sweetberry honeysuckle
LOCI2	ciliosa	Western trumpet honeysuckle
LOCO2	conjugalis	Purpleflower honeysuckle
LOIN	involucrata	Bearberry honeysuckle
LOPR	prolifera	Grape honeysuckle

TREES AND SHRUBS		
LONIC	Lonicera spp. (con.)	
LOTA	tatarica	Tatarian honeysuckle
LOUT	utahensis	Utah honeysuckle
LUPI2	Lupinus spp.	Lupine
LUBR2	breweri	Brewers lupine
LUEX	excubitus	Inyo lupine
LJEXH	excubitus	Hills lupine
	hillii	
LYCIU	Lycium spp.	Matrimony-vine, wolfberry
LYAN	andersonii	Anderson wolfberry
LYBA	barbarum	Matrimony vine
	(halimifolium)	
LYCO2	cooperi	Cooper wolfberry
LYPAP	pallidum	Pale wolfberry
	pallidum	
LYPAO	pallidum	
	oligospermum	
LYTO	torreyi	Torrey wolfberry
MACLU	Maclura spp.	Osage-orange
MAPO	pomifera	Osage-orange
MAHON	Mahonia spp.	(See Berberis)
MALUS	Malus spp.	Crabapple
MABR2	bracteata	Buncombe crabapple
MAHO	hopa	Hopa crabapple
MENOD	Menodora spp.	Menodora
MESC	scabra	Rough menodora
MESP2	spinescens	Spiny menodora
MORUS	Morus spp.	Mulberry
MOALT	alba	Russian mulberry
	tatarica	
NEOLL	Neollydia spp.	Button cactus
NEJO	johnsonii	
OPUNT	Opuntia spp.	Pricklypear, cholla
OPAC	acanthocrapa	Buckhorn cholla
OPBA	barkleyana	
OPBAB	basilaris	Beavertail pricklypear
	basilaris	
OPBAA	basilaris	Golden pricklypear
	aurea	
OPBAW	basilaris	
	whitneyana	
OPBI	bigelovii	Arizona jumping pricklypear
OPCH	chorotica	Dollarjoint pricklypear
OPEC	echinocarpa	Strawtop pricklypear

TREES AND SHRUBS		
OPUNT	Opuntia spp. (con.)	
OPER	erinacea	Grizzlybear pricklypear
OPFRF	fragilis	Brittle pricklypear
	fragilis	
OPFRD	fragilis	
	denudata	
OPGR	gracilicyl-	
	indrica	
OPHY	hystriciana	
OPLA	laevis	Smooth pricklypear
OPPA	parishii	Parish cholla
OPPH	phaeacantha	
OPPO	polyacantha	Plains pricklypear
OPPUP	pulchella	
	pulchella	
OPPUB	pulchella	
	brachyrhopolica	
OPPUT	pulchella	
	tuberculosis-	
	rhopalica	
OPPY	pygmaea	
OPRA	ramosissima	Holocross cholla
OPRH	rhodantha	
OPRU	rubrifolia	
OPSP	spectatissima	
OPWH	whipplei	Whipple cholla
OPWE	weigandii	
OPWO	woodsii	
OSTRY	Ostrya spp.	Hophornbeam
OSKN	knowltonii	Knowlton hophornbeam
PACHI	Pachistima spp.	Pachistima
PAMY	myrsinites	Myrtle pachistima
PARR2	Parryella spp.	
PAFI2	filifolia	Dunebroom
PARO	rotundata	
PARTH	Parthenium	Parthenium
	spp.	
PAIN	incanum	Mariola parthenium
PART2	Parthenocissus	Creeper
	spp.	
PAIN2	inserta	Thicket creeper
PEDIO	Pediocactus	
	spp.	
PESI	sileri	
PESI2	simpsonii	
PEPA8	paradinei	
PENS2	Penstemon spp.	Penstemon
PEBRB	breviflorus	Stubflower penstemon
	breviflorus	

TREES AND SHRUBS		
PENS2	Penstemon spp. (con.)	
PEBRG	breviflorus	
	glabrisepalus	
PEFRF	fruticosus	Bush penstemon
	fruticosus	
PEFRS	fruticosus	
	scouleri	
PEFR2	fruticosus	
	serratus	
PELE2	lemmoni	Lemmon penstemon
PERAP	Peraphyllum spp.	
PERA	ramosissimum	Squaw-apple
PEUCE	Peucephyllum	Sprucebush, pigmycedar
	spp.	
PESC2	schottii	Schotts sprucebush
PHILA	Philadelphus	Mockorange, syringa
	spp.	
PHLE	lewisii	Lewis mockorange
PHMIM	microphyllus	Littleleaf mockorange
	microphyllus	
PHMIA	microphyllus	
	argenteus	
PHMIO	microphyllus	
	occidentalis	
PHMI2	microphyllus	
	ovatus	
PHMIS	microphyllus	
	stramineus	
PHYLL	Phyllodoce spp.	Mountainheath
PHEM	empetriformis	Red mountainheath
PHGL6	glanduliflora	Cream mountainheath
PHYSO	Physocarpus spp.	Ninebark
PHAL2	alternans	Dwarf ninebark
PHIN6	intermedius	Illinois ninebark
PHMA	malvaceus	Mallow ninebark
PHMO2	monogynus	Mountain ninebark
PICEA	Picea spp.	Spruce
PIEN	engelmannii	Englemann spruce
PIPU	pungens	Colorado blue spruce
PINUS	Pinus spp.	Pine
PIAL	albicaulis	Whitebark pine
PICO	contorta	Lodgepole pine
	(latifolia)	
PIED	edulis	Pinyon
PIFL	flexilis	Limber pine
PIJE	jeffreyi	Jeffrey pine
PILO	longaeva	Bristlecone pine
PILA	lambertiana	Sugar pine

TREES AND SHRUBS

<u>PINUS</u>	Pinus spp. (con.)	
PIMO	monophylla	Singleleaf pinyon pine
PIMO2	monticola	Western white pine
PIPO	ponderosa	Ponderosa pine
PIWA	washoensis	
<u>PLUC2</u>	Pluchea spp.	Pluchea
<u>PLSE</u>	sericea	Marsh fleabane
<u>POLIO</u>	Poliomintha spp.	Rosemarymint
POIN2	incana	Hoary rosemary-mint
<u>POLYG</u>	Polygala spp.	Polygala
<u>POACA</u>	acanthoclada	Thorn polygala
POACI	acanthoclada	
POACI	intricata	
POSUS	subspinosa	Spiny polygala
POSUH	subspinosa	
	heterorhyncha	
	(Polygonum spp.--see Forbs)	
<u>POPUL</u>	Populus spp.	Aspen, poplar, cottonwood
POAC	acuminata	Lanceleaf cottonwood
POAL2	alba alba	White poplar
POALP	alba	Bolleana
POAN	pyramidalis	poplar
POAN	angustifolia	Narrowleaf cottonwood
POBA	balsamifera	Balsam poplar
POCA2	canadensis	Carolina or Gray poplar
PODE	deltoides	Eastern cottonwood
POFRF	fremontii	Fremont cottonwood
POFRW	fremontii	Rio Grande cottonwood
POFRW	wislizenii	cottonwood
PONII	nigra italica	Black poplar
POSA	sargentii	Plains cottonwood
POTR	tremuloides	Quaking aspen
POTR3	trichocarpa	Black cottonwood (California poplar)
<u>POTE2</u>	Potentilla	Cinquefoil
<u>POFR</u>	fruticosa	Bush cinquefoil

TREES AND SHRUBS

<u>PROSO</u>	Prosopis spp.	Mesquite
<u>PRJUT</u>	jultiflora	Mesquite
	torreyana	
<u>PRPU</u>	pubescens	Screwbean mesquite
<u>PRUNU</u>	Prunus spp.	Plum; cherry
<u>PRAM</u>	americana	American plum
<u>PRAN</u>	andersonii	Anderson peachbrush
<u>PRAR</u>	armeniaca	Apricot
<u>PRBE</u>	besseyi	Bessy cherry
<u>PRDE</u>	demissa	
<u>PRDO</u>	domestica	Garden plum
<u>PREM</u>	emarginata	Bitter cherry
<u>PRFA</u>	fesciculata	Desert peachbrush
<u>PRFR</u>	fruticosa	
<u>PRIL</u>	ilicifolia	Hollyleaf cherry
<u>PRJA</u>	japonica	Chinese bushcherry
<u>PRPAC</u>	padus	Harbinger european birdcherry
	comutata	
<u>PRPE</u>	persica	Peach
<u>PRSE</u>	serotina	Black cherry
<u>PRSI</u>	siberica	Sloe cherry
<u>PRSP2</u>	spinosa	Klamath plum
<u>PRSU</u>	subcordata	
<u>PRTE</u>	tenella	
<u>PRTO</u>	tomentosa	
<u>PRVID</u>	virginiana	Western common chokecherry
<u>PRVIM</u>	virginiana	Black common chokecherry
	melanocarpa	
<u>PSEU2</u>	Pseudotsuga spp.	Douglas-fir
<u>PSMEM</u>	menziesii	Douglas-fir
	menziesii	
	(taxifolia)	
<u>PSMEG</u>	menziesii	Rocky Mountain Douglas-fir
	glauca	
<u>PTELE</u>	Ptelea spp.	Hoptree
<u>PTBA</u>	baldwinii	Baldwin hoptree
<u>PTPA</u>	pallida	Pale hoptree
<u>PTPO</u>	polyadenia	
<u>PTTR</u>	trifoliata	Common hoptree
<u>PURSH</u>	Purshia spp.	Bitterbrush
<u>PUGL</u>	glandulosa	Desert bitterbrush
<u>PUTR</u>	tridentata	Antelope bitterbrush
<u>QUERC</u>	Quercus spp.	Oak
<u>QUCHC</u>	chrysolepis	Canyon live oak
	chrysolepis	

TREES AND SHRUBS

<u>QUERC</u>	Quercus spp. (con.)	
<u>QUCHP</u>	chrysolepis	Palmer oak
	palmeri	
<u>QUGA</u>	gambelii	Gambel oak
<u>QUGR</u>	grisea	Gray oak
<u>QUMA</u>	macrocarpa	Bur oak
<u>QUPA</u>	palustris	Pin oak
<u>QUTU</u>	turbinella	Shrub live oak
<u>QUUN</u>	undulata	Wavyleaf oak
<u>RHAMN</u>	Rhamnus spp.	Buckthorn
<u>RHAL</u>	alnifolia	Alder buckthorn
<u>RHBEO</u>	betulaefolia	Birchleaf buckthorn
	obovata	
<u>RHCAU</u>	californica	California buckthorn
	ursina	
<u>RHCA</u>	cathartica	Common buckthorn
<u>RHDA</u>	davurica	Dahurian buckthorn
<u>RHER</u>	erythroxyton	
<u>RHLI</u>	libanotica	Lebanon buckthorn
<u>RHOL</u>	oleoides	
<u>RHPE</u>	petiolaris	Petioled buckthorn
<u>RHPU</u>	purshiana	Cascara buckthorn
<u>RHRU</u>	rubra	
<u>RHSA</u>	saxatilis	Rock buckthorn
<u>RHSM</u>	smithii	Buckthorn
<u>RHSP</u>	spathulaefolia	
<u>RHTI</u>	tinctoria	Dyers buckthorn
<u>RHUS</u>	Rhus spp.	Sumac
<u>RHGLC</u>	glabra	Rocky Mountain smooth sumac
	cismontana	
<u>RHMI</u>	microphylla	Littleleaf sumac
<u>RHRA</u>	radicans	Poison sumac
	(toxicodendrom rydbergii)	
<u>RHTRT</u>	trilobata	Skunk bush
	trilobata	sumac
<u>RHTRA</u>	trilobata	
	anisophylla	
<u>RHTRQ</u>	trilobata	
	quinata	
<u>RHTRS</u>	trilobata	
	simplicifolia	
<u>RHTY</u>	typhina	Staghorn sumac
<u>RIBES</u>	Ribes spp.	Currant, gooseberry
<u>RIAU</u>	aureum	Golden currant
<u>RICEC</u>	cereum cereum	Wax currant
<u>RICEI</u>	cereum	Squaw currant
	inebrians	

TREES AND SHRUBS

<u>RIBES</u>	Ribes spp. (con.)	
<u>RICO</u>	coloradense	Colorado currant
<u>RIHE</u>	hendersonii	Henderson gooseberry
<u>RIIN</u>	inerme	Whitestem gooseberry
<u>RILA</u>	lacustre	Prickly currant
<u>RILE</u>	leptanthum	Trumpet gooseberry
<u>RIMO</u>	montigenum	Gooseberry currant
<u>RINE</u>	nevadense	Sierra currant
<u>RINI</u>	niveum	Snow gooseberry
<u>RIPE</u>	petiolare	Western black currant
<u>RISE</u>	setosum	Missouri gooseberry
<u>RIVEV</u>	velutinum	Desert gooseberry
	velutinum	
<u>RIVEG</u>	velutinum	Gooding gooseberry
	goodingii	
<u>RIVIV</u>	viscosissimum	Sticky currant
	viscosissimum	
<u>RIVIH</u>	viscosissimum	Halls currant
	hallii	
<u>RIWO</u>	wolfii	Rothrock currant
<u>ROBIN</u>	Robinia spp.	Locust
<u>RONE</u>	neomexicana	New Mexico locust
<u>ROPS</u>	pseudoacacia	Black locust
<u>ROSA</u>	Rosa spp.	Rose
<u>ROAC</u>	acicularis	Prickly rose
<u>ROCO</u>	collaris	
<u>ROEG</u>	eglanteria	Sweetbrier rose
<u>ROGY</u>	gymnocarpa	Baldhip rose
<u>ROLA</u>	laxton	
<u>ROMA</u>	manca	Manco rose
<u>ROMU</u>	multiflora	Japanese rose
<u>RONUH</u>	nutkana	Bristly nootka rose
	hispida	
	(spaldingii)	
<u>ROST</u>	stellata	Desert rose
<u>ROWOU</u>	woodsii	Woods rose
	ultramontana	
<u>RUBUS</u>	Rubus spp.	Blackberry or Raspberry
<u>RUDI</u>	discolor	Himalyan blackberry
<u>RUIDS</u>	idaeus	American red raspberry
	sachalinensis	
	(strigosus)	
<u>RULA3</u>	laciniatus	New Mexican raspberry
	neomexicus	
<u>RUPA</u>	parviflorus	Japanese raspberry

TREES AND SHRUBS		
SALAZ	Salazeria spp.	Bladdersage
SAME2	mexicana	Mexican bladdersage
SALIX	Salix spp.	Willow
SAAM	amygdaloides	Peachleaf willow
SAAR	arctica	Arctic willow
SABA	babylonica	Babylon weeping willow
SABAP	barclayi	Barclay willow
	padophylla	willow
SABEP	bebbiana	Smooth bebb willow
	perrostrata	willow
SABR	brachycarpa	Barrenground willow
SACA	cascadensis	Cascades willow
SACO	commutata	Undergreen willow
SADR	drummondiana	Drummond willow
SAEXE	exigua exigua	Coyote willow
SAEXM	exigua	Dusky willow
SAEXS	melanopsis exigua	
	stenophylla	
SAGE	geyeriana	Geyer willow
SAGL	glauca	Grayleaf willow
SAJE	jepsonii	Jepson willow
SALA2	laevigata	Polished willow
SALA2	lasiandra	Pacific willow
SACA	caudata	Whiplash willow
SALA3	lasiolepis	Arroyo willow
SALE	lemmonii	Lemmons willow
SAMO2	monticola	
SAMY	myrtillofolia	Blueberry willow
SANIV	nigra venulosa	Black willow
SANIN	nivalis	Snow willow
	nivalis	
SANIS	nivalis	
	saximontana	
SAOR	orestera	Sierra willow
SAPHP	phylicifolia	Tealeaf willow
	planifolia	
SAPH2	phylicifolia	
	planifolia	
	(monica)	
SAPUP	purpurea	Purplecosier willow
	purpurea	willow
SARIM	rigida	Mackenzie willow
	mackenziana	
SARIW	rigida	Watson willow
	watsonii	
	(lutea)	
SASC	scouleriana	Scouler willow
SATW	tweedyi	Tweedy's willow
SAWOW	wolfii wolfii	Wolfs willow
SAWOI	wolfii	Idaho wolfs willow
	idahoensis	willow

TREES AND SHRUBS		
SALV2	Salvia spp.	Purple sage
SADOD	dorrii dorrii	
SADOC	dorrii argentea	
SADOC	dorrii carnosa	
SADOG	dorrii gilmanii	
SAMBU	Sambucus spp.	Elder
SACE	cerulea	
	(glauca)	Blueberry elder
SARPM	racemosa pubens	
	melanocarpa	Black elder
SARP2	racemosa pubens	
	microbotrys	Red elder
SARCO	Sarcobatus spp.	Greasewood
SAVEV	vermiculatus	Black greasewood
	vermiculatus	greasewood
SAVEB	vermiculatus	Bailey greasewood
	baileyi	greasewood
SCLER	Sclerocactus spp.	Sclerocactus
SCME	mesae-verdae	
SCPO	polyancistrus	
SCWHI	whipplei	
	intermedrus	
SCWHP	whipplei	
	pubispinus	
SCWHR	whipplei roseus	
SEQUO	Sequoia spp.	Sequoia
SEGI	gigantea	Giant sequoia
SHEPH	Shepherdia spp.	Buffaloberry
SHAR	argentea	Silver buffaloberry
SHCA	canadensis	Russet buffaloberry
SHRO	rotundifolia	Roundleaf buffaloberry
SIMMO	Simmondsia spp.	Jojoba
SICH	chinensis	Goatnut jojoba
SOPH2	Sophora spp.	Sophora
SOAR2	arizonica	Arizona sophora
SORBU	Sorbus spp.	Mountain-ash
SOAM	americana	American mountain-ash
SOAU	aucuparia	European mountain-ash
SOHY	hybrida	Oakleaf mountain-ash
SOSCC	scopulina	
	cascadens	
SOSCS	scopulina	Greenes mountain-ash
	scopulina	

TREES AND SHRUBS		
SORBU	Sorbus spp. (con.)	
SOSI	sitchensis	Sitka mountain-ash
SPIRA	Spiraea spp.	Spirea
SPCA3	caespitosa	
SPCA4	canescens	Hoary spirea
SPDE	densiflora	Subalpine spirea
SPDOR	douglasii	Douglas spirea
	roseata	
SPLU	lucida	Shinyleaf spirea
SPPY	pyramidata	Pyramid spirea
SPSA	sargentiana	Sargent spirea
SYMPH	Symphoricarpos spp.	Snowberry
SYALA	albus albus	
SYALL	albus	Garden common snowberry
	laevigatus	
SYALP	albus	Dwarf common snowberry
	pauciflorus	snowberry
	(racemosus)	
SYLO	longiflorus	Longflower snowberry
SYMOA	mollis acutus	Spreading snowberry
SYMOH	mollis	Creeping snowberry
	hesperius	
SYOC	occidentalis	Western snowberry
SYORO	oreophilus	Mountain snowberry
	oreophilus	
SYORU	oreophilus	
	utahensis	
	(vaccinoides)	
SYPA	parishii	Roundleaf snowberry
	(rotundifolius)	
SYRA	racemosus	
SYRIN	Syringa spp.	Lilac
SYHE	henryi	Henry lilac
SYVI	villosa	Late lilac
SYVU	vulgaris	Common lilac
TAMAR	Tamarix spp.	Tamarisk
TAAP	aphylla	Athel tamarisk
TAPA2	parvifolio	Fivestamen tamarisk
TARU	ramosissima	
TATE	tetrandra	Fourstamen tamarisk
TETRA	Tetradymia spp.	Horsebrush
TEAX	axillaris	Longspine horsebrush
TECA	canescens	Gray horsebrush
	(linearis)	
TECO	comosa	Hairy horsebrush

TREES AND SHRUBS		
TETRA	Tetradymia (con.)	
TEGL	glabrata	Littleleaf horsebrush
TENU	nuttallii	Nuttal horsebrush
TESP	spinosa	Cottonthorn horsebrush
THAMN	Thamnosma spp.	Desertrue
THMO2	montana	Mohave desertrue
TSUGA	Tsuga spp.	Hemlock
TSHE	heterophylla	Western hemlock
TSME	mertensiana	Mountain hemlock
ULMUS	Ulmus spp.	Elm
ULAM	americana	
ULPA	parvifolia	Chinese elm
ULPU	pumila	Siberian elm
VACCI	Vaccinium spp.	Blueberry, huckleberry, whortleberry
VACA	caespitosum	Dwarf blueberry
VAGO	gobulare	Globe huckleberry
VAME	membranaceum	Big whortleberry
VAMY	myrtilus	(oreophilum) Myrtle whortleberry
VAOC2	occidentale	Westernbog blueberry
VAOV	ovalifolium	Ovalleaf huckleberry
VAOX	oxycoccus	Wild cranberry
VASC	scoparium	Grouse whortleberry
VITIS	Vitis spp.	Grape
VIARA	arizonica	Canyon grape
	arizonica	
VIARG	arizonica glabra	
XANT2	Xanthocephalum spp.	Matchbrush snakeweed
	(Gutierrezia)	
XAMI	microcephala	Threadleaf snakeweed
XASA	sarothrae	Broom snakeweed
YUCCA	Yucca spp.	Yucca
YUAN	angustissima	Fineleaf yucca
YUBAB	baccata	Datil yucca
	baccata	
YUBAV	baccata	
	vespertina	
YUBA2	baileyi	Gray
	baileyi	
YUBAN	baileyi	
	navajoa	

TREES AND SHRUBS

<u>YUCCA</u>	Yucca spp. (con.)	
<u>YUBRB</u>	brevifolia	Joshua-tree
	brevifolia	yucca
<u>YUBRJ</u>	brevifolia	
	jaegeriana	
<u>YUEL</u>	elata	Soaptree yucca
<u>YUHA</u>	harrimaniae	Harriman yucca
<u>YUKA</u>	kanabensis	
	(glauca)	
<u>YUNE</u>	neomexicana	Spanish bayonet
<u>YUSC</u>	schidigera	Mohave yucca
<u>YUTO</u>	toftiae	
<u>YUUT</u>	utahensis	
<u>ZELKO</u>	Zelkova spp.	Zelkova
<u>ZESE</u>	serrata	Japanese selkova

BIBLIOGRAPHY

- Bailey, L. H., E. Z. Bailey, and Staff of L. H. Bailey Hortorium. 1976. Hortus Third. A concise dictionary of plants cultivated in the United States and Canada. 1290 p. MacMillan Publ. Co., Inc., New York.
- Beetle, A. A. 1960. A study of sagebrush. Univ. Wyo. Bull. 368, 83 p.
- Beetle, Alan A. 1970. Recommended plant names. Agric. Exp. Stn. Res. J. 31, 124 p. Univ. Wyo., Laramie.
- Benson, Lyman. 1974. The cacti of Arizona. 218 p. The Univ. Ariz. Press. Third Ed., Second Printing.
- Benson, Lyman, and Robert A. Darrow. 1945. A manual of southwestern desert trees and shrubs. Ariz. Univ. Biol. Sci. Bull. 6, 411 p.
- Clements, Frederic E., and Edith S. Clements. 1945. Rocky Mountain flowers. Ed. 3, 390 p. The H. W. Wilson Co., New York.
- Coulter, John I., and Aven Nelson. 1909. New manual of botany of the central Rocky Mountains. 645 p. American Book Co., New York.
- Davis, Ray J. 1952. Flora of Idaho. 828 p. Wm. C. Brown Co., New York.
- Dayton, William A. 1931. Important western browse plants. U.S. Dep. Agric., Misc. Publ. 101, 214 p.
- Dayton, William A. 1960. Notes on western range forbs. U.S. Dep. Agric., Agric. Handb. 161, 254 p.
- Dayton, William A. 1966. Notes on western range forbs. U.S. Dep. Agric., Agric. Handb. 293, 365 p.
- Garrett, A. O. 1936. Spring flora of the Wasatch region. Ed. 5, 244 p. Stevens & Wallace, Inc., Salt Lake City, Utah.
- Garrison, George A., and Jon M. Skovlin. 1960. Northwest range-plant symbols. USDA For. Serv., Pac. Northwest For. and Range Exp. Stn., Res. Pap. 35, 142 p. Portland, Oreg.

- Harrington, H. D.
1954. Manual of the plants of Colorado. 666 p. Sage Book Co., Denver, Colo.
- Hayes, Doris W., and George A. Garrison.
1960. Key to important woody plants of eastern Oregon and Washington. U.S. Dep. Agric., Agric. Handb. 148, 227 p.
- Hermann, Frederick G.
1970. Manual of the carices of the Rocky Mountains and Colorado Basin. U.S. Dep. Agric. Handb. 374, 397 p.
- Hitchcock, A. S.
1950. Manual of the grasses of the United States. Ed. 2, rev. by Agnes Chase. U.S. Dep. Agric. Misc. Publ. 200, 362 p.
- Hitchcock, C. L., A. Cronquist, M. Ownbey, and J. W. Thompson.
1971. Vascular plants of the Pacific Northwest. Parts 1, 2, 3, 4, and 5, 2,978 p. Univ. Wash. Press, Seattle.
- Holmgren, Arthur H.
1948. Handbook of the vascular plants of the northern Wasatch. 202 p. Lithotype Process Co., San Francisco, Calif.
- Holmgren, Arthur H., and James L. Reveal.
1966. Checklist of the vascular plants of the Intermountain region. USDA For. Serv. Res. Pap. INT-32, 160 p. Intermt. For. and Range Exp. Stn., Ogden, Utah.
- Intermountain Forest and Range Experiment Station.
1942. Plant symbol list. 46 p. U.S. Dep. Agric., For. Serv.
- Johnson, W. M.
1964. Field key to the sedges of Wyoming. Univ. Wyo., Laramie, Bull. 419, 239 p.
- Kearney, Thomas H., and Robert H. Peebles.
1942. Flowering plants and ferns of Arizona. U.S. Dep. Agric. Misc. Publ. 423, 1,069 p.
- Kelsey, Harlan P., and William A. Dayton.
1942. Standardized plant names. Ed. 2, 675 p. J. Horace McFarland Co., Harrisburg, Pa.
- Lewis, Mont E.
1958. Carex--its distribution and importance in Utah. Brigham Young Univ. Sci. Bull., Biol. Ser. 1, vol. 11, 43 p.
- Little, Elbert L., Jr.
1950. Southwestern trees--a guide to the native species of New Mexico and Arizona. U.S. Dep. Agric. Handb. 9, 109 p.
- Little, Elbert L., Jr.
1953. Check list of native and naturalized trees of the United States. U.S. Dep. Agric. Handb. 41, 472 p.
- McMinn, Howard E.
1974. An illustrated manual of California shrubs. 663 p. Univ. Calif. Press, Berkeley and Los Angeles.
- Nelson, Aven.
1898. The red desert of Wyoming and its forage resources. U.S. Dep. Agric. Bull. 13, 72 p.
- Nickerson, M. F., G. E. Brink, and C. Feddema.
1976. Principal range plants of the central and southern Rocky Mountains: names and symbols. USDA For. Serv. Gen. Tech. Rep. RM-20, 121 p. Ft. Collins, Colo.
- Raven, Peter H.
1969. A revision of the genus *Camissonia* (Onagraceae). Contribs. from the United States National Herbarium. Vol. 37, part 5, 235 p.
- Reed, Merton J., Robert W. Powell, and Bur S. Bal.
1963. Electronic data processing codes for California wildland plants. 314 p. U.S. For. Serv., Pac. Southwest For. and Range Exp. Stn. Berkeley, Calif.
- Reimschiessel, Ernest F.
1959. A checklist of ornamental evergreen shrubs and vines of Utah. Utah Acad. Proc. 36:97-110.
- Rocky Mountain Forest and Range Experiment Station.
1958. Range plants of Arizona and New Mexico--names, symbols, and notations. 86 p. U.S. For. Serv.
- Rydberg, P. A.
1917. Flora of the Rocky Mountains and adjacent plains. 1,110 p. Steinman & Foltz, New York.
- Tidestrom, Ivar.
1925. Flora of Utah and Nevada. U.S. Nat. Herb. 25, 665 p.
- Tidestrom, Ivar, and T. Kittell.
1941. A flora of Arizona and New Mexico. 897 p. The Catholic Univ. Am. Press, Washington, D.C.

- Treshow, M., S. L. Welsh, and G. Moore.
1964. Guide to the woody plants of Utah. 161 p. Pruett Press,
Inc., Boulder, Colo.
- U.S. Forest Service.
1937. Range plant handbook. 841 p. U.S. Gov. Print. Off.,
Washington, D.C.
- Van Dersal, William R.
1939. Native woody plants of the United States. U.S. Dep. Agric.
Misc. Publ. 303, 362 p.
- Webber, W. A.
1976. Rocky Mountain flora. 437 p. Univ. Colo. Press,
Boulder.
- Welsh, Stanley L., Michael Treshow, and Glen Moore.
1964. Guide to common Utah plants. Brigham Young Univ. Publ.,
325 p. Provo, Utah.
- Welsh, S. L., and G. Moore.
1973. Utah plants, Tracheophyta. 474 p. Brigham Young Univ.
Press, Provo, Utah.