

# Range Plants of Arizona and New Mexico

## Names, Symbols, and Notations



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Forest Service      U. S. Department of Agriculture  
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PLANT SYMBOL LIST FOR  
RANGE PLANTS OF ARIZONA AND NEW MEXICO

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Introduction

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This list of common and botanical names has been compiled from records of plants collected by the U. S. Forest Service in Arizona and New Mexico. It is intended to provide a tabulation of (1) accepted botanical names for the most common species, (2) common names for these species, and (3) standard symbols for use in field records.

The botanical names follow the International Code which is the code followed by the U. S. Department of Agriculture. Appropriate cross-reference and synonymy are given where names were different under the formerly used American Code. Synonyms also have been added, as necessary, to correlate with "Arizona Flora"<sup>1/</sup> by Kearney and Peebles, Ed. 2, 1951, and "A Flora of Arizona and New Mexico"<sup>2/</sup> by Tidestrom and Kittell, 1941, since these two manuals are most likely to be used by research workers in the area.

One to several common names are given for most plants. In the first column of common names is the name or names that have been used in the past in the Southwest. In the second column is the common name from "Standardized Plant Names," 1942,<sup>3/</sup> or the "Check List of Native and Naturalized Trees of the United States,"<sup>4/</sup> if these names are different from those in the first column. Generally the names in the second column are preferable to those in the first. For a few plants, names in the second column are marked by "%". These are suggested names to replace those in use where they are in conflict with accepted names but for which names are not listed in Standardized Plant Names.

Symbols are four letters for genera and species and five letters for varieties. The rules used in assigning symbols are as follows:

1. For genera the first four letters are used and all letters are capitalized.
2. For species the first two letters of the generic name followed by the first two letters of the species name are used and only the first letter capitalized.

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<sup>1/</sup> "Arizona Flora" by Thomas H. Kearney and Robert H. Peebles. Berkeley, California. 1951.

<sup>2/</sup> "A Flora of Arizona and New Mexico" by Ivar Tidestrom and Sister Teresita Kittell. Washington, D. C. 1941.

<sup>3/</sup> "Standardized Plant Names" by Harlan P. Kelsey and William A. Dayton. Harrisburg, Pa. 1942.

<sup>4/</sup> "Check List of Native and Naturalized Trees of the United States." U. S. Dept. Agr. Handbook 41. 1953.

[The body of the document contains extremely faint and illegible text, likely bleed-through from the reverse side of the page. The text is too light to transcribe accurately.]

3. For varieties the first two letters of the generic name, the first two letters of the species name, and the first letter of the variety name are used and only the first letter capitalized.
4. Where duplication of symbols occurs, numbers are added to indicate such duplication. The number is part of the symbol.

Marks used in the list are as follows:

1. Synonyms are indicated by underlining.
2. Subspecies are indicated by "ssp" between the species and subspecies names or preceding the subspecies name when it is indented under the species name.
3. Varieties are indicated by indentation of several spaces under the species name or, in writing the varietal name on the same line as the species name, the word "var." is between the species and variety names. Under the International Code the variety should always be preceded by "var."
4. Forms are indicated by "forma" between the species and form names, or preceding the form name when it is indented several spaces under the species name.





ANNUAL GRASS LIST

Aete	Aegopogon tenellus (DC.) Trin.	relaxgrass	
ARIS	Aristida	three-awn	
Arad	adscensionis L.	sixweeks three-awn	
Arol	oligantha Michx.	prairie three-awn	
AVEN	Avena	oats	oat
Avba	barbata Brot.	slender oat	
Avfa	fatua L.	wild oat	
Avsa	sativa L.	oat	common oat
BOUT	Bouteloua	grama	
Boar	aristidoides (H.B.K.) Griseb.	needle grama	
Boba	barbata Lag.	sixweeks grama	
Bopa	parryi (Fourn.) Griffiths	Parry grama	
Bosi	simplex Lag.	mat grama	
BROM	Bromus	chess	brome
Brbr-2	brizaeformis Fisch. & Mey.	rattlesnake chess	rattle brome
Brca-2	catharticus Vahl	rescuegrass	rescue brome
Brja	japonicus Thunb.	Japanese chess	Japanese brome
Brmo	mollis L.	soft chess	
Brrr	rigidus Roth	ripgut grass	ripgut brome
Brru-1	rubens L.	foxtail chess	foxtail brome (red brome)
Brte-1	tectorum L.	cheatgrass (downy chess)	cheatgrass brome (downy brome)
Cepa-1	Cenchrus pauciflorus Benth.	field sandbur	mat sandbur
Chvi-1	Chloris virgata Swartz	feather fingergrass	showy chloris
ECHI-1	Echinochloa	cockspur	
Ecco	colonum (L.) Link	jungle-rice	Jungle-rice (shanwamillet)
Eccr	crusgalli (L.) Beauv.	barnyardgrass	barnyardgrass
Eccrz	zelayensis (H.B.K.) Hitchc.	alkali barnyardgrass	
Elin	Eleusine indica (L.) Gaertn.	goosegrass	

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Chapter XLIII	640
Chapter XLIV	655
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Chapter XLVI	685
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Chapter XLVIII	715
Chapter XLIX	730
Chapter L	745
Chapter LI	760
Chapter LII	775
Chapter LIII	790
Chapter LIV	805
Chapter LV	820
Chapter LVI	835
Chapter LVII	850
Chapter LVIII	865
Chapter LIX	880
Chapter LX	895
Chapter LXI	910
Chapter LXII	925
Chapter LXIII	940
Chapter LXIV	955
Chapter LXV	970
Chapter LXVI	985
Chapter LXVII	1000



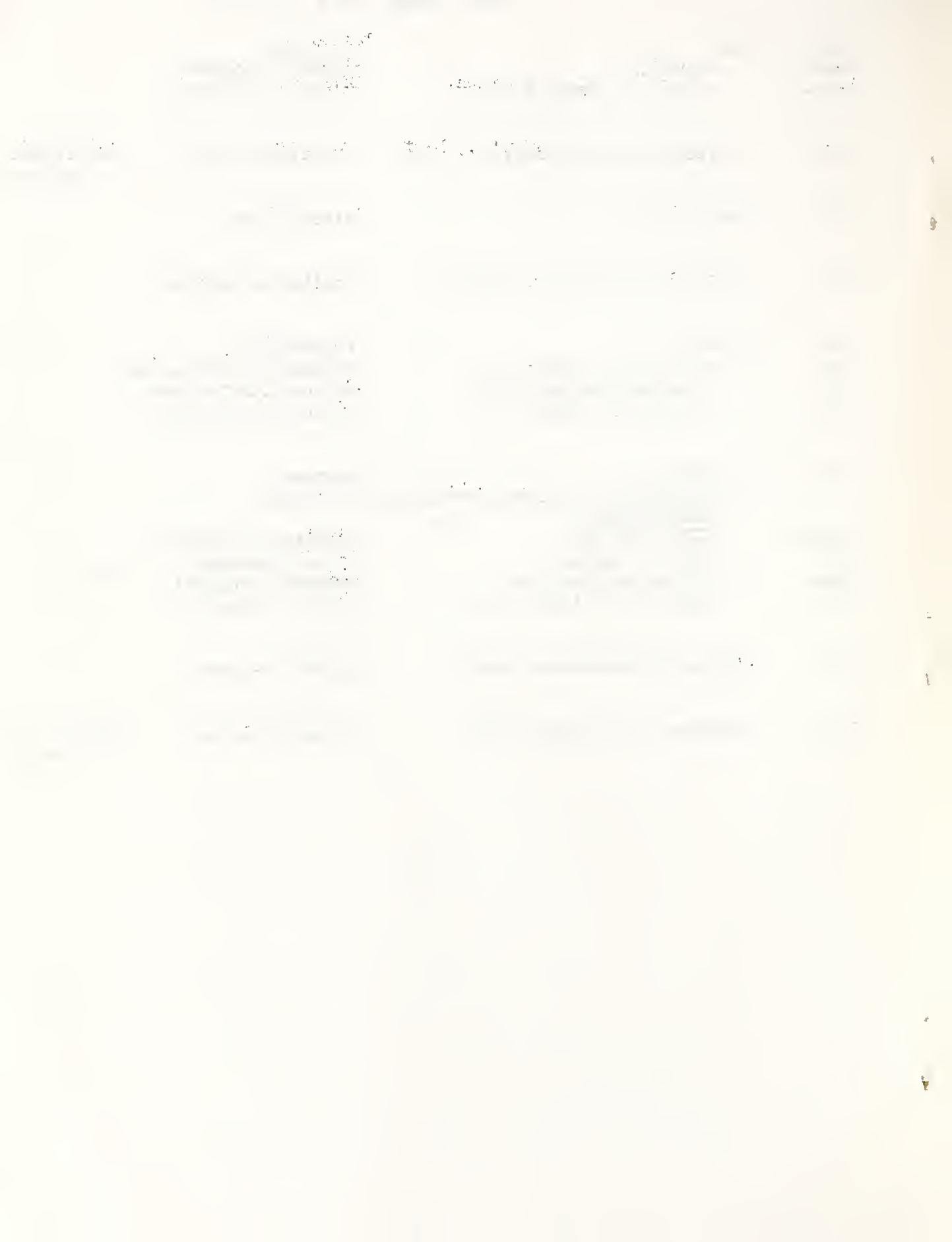
ANNUAL GRASS LIST (continued)

ERAG	Eragrostis	lovegrass	
Erci-2	cilianensis (All.) Lutati	stinkgrass	
Erdi-1	diffusa Buckl.	spreading lovegrass	
Erlu	lutescens Scribn.	sixweeks lovegrass	
Erme	mexicana (Hornem.) Link	Mexican lovegrass	
Erne	neomexicana Vasey	New-Mexican lovegrass	
Erpe	pectinacea (Michx.) Nees	Carolina lovegrass	
Erpi	pilosa (L.) Beauv.	India lovegrass	
Ergr	Eriochloa gracilis (Fourn.) Hitchc.	southwestern cupgrass	
FEST	Festuca	fescue	
Feme	megalura Nutt.	foxtail fescue	
Feoc	octoflora Walt.	sixweeks fescue	
Feoch	hirtella Piper	hairy sixweeks fescue	
Fepa	pacifica Piper	Pacific fescue	
HORD	Hordeum	barley	
Hole	leporinum Link	mouse barley	----
Hopu	pusillum Nutt	little barley	
Laau	Lamarckia aurea (L.) Moench	goldentop	
LEPT	Leptochloa	sprangletop	
Lefi	filiformis (Lam.) Beauv.	red sprangletop	
Leun	uninervia (Presl) Hitchc. & Chase	Mexican sprangletop	
MUHL	Muhlenbergia	muhly	
Mude	depauperata Scribn.	sixweeks muhly	
Mufi-2	filiformis (Thurb.) Rydb.	pullup muhly	
Mumi	minutissima (Steud.) Swallen	littleseed muhly	
	= <u>Sporobolus</u> microspermus of Ed. 1, Grass Manual		
	= " minutissimus (Steud.) Hitchc.		
Muwo	wolfii (Vasey) Rydb.	red muhly	
Musq	Munroa squarrosa (Nutt.) Torr.	false-buffalograss	
PANI	Panicum	panicum	panicum; witchgrass
Paar	arizonicum Scribn. & Merr.	Arizona panicum	
Paca	capillare L.	witchgrass	common witchgrass
Pacao	occidentale Rydb.	cushion witchgrass	
Pafa	fasciculatum Swartz		browntop panicum
Pafar	reticulatum (Torr.) Beal	browntop panicum	---
Pahi	hirticaule Presl	roughstalk witchgrass	
Phca-1	Phalaris canariensis L.	canarygrass	



ANNUAL GRASS LIST (continued)

POA	Poa	bluegrass	
Poan-1	annua L.	annual bluegrass	
Pobi-1	bigelovii Vasey & Scribn.	Bigelow bluegrass	
Pomo	Polypogon monspeliensis (L.) Desf.	rabbitfoot grass	rabbitfoot polypogon
FUCC	Puccinellia	alkali-grass	
Scba	Schismus barbatus (L.) Thell.	Mediterranean grass	
SETA	Setaria	bristlegrass	
Segr	grisebachii Fourn.	Grisebach bristlegrass	
Selu	lutescens (Weigel) Hubb.	yellow bristlegrass	
Sevi	viridis (L.) Beauv.	green bristlegrass	
SPOR	Sporobolus	dropseed	
	<u>microspermus</u> See Muhlenbergia minutissima		
	<u>minutissimus</u> do.		
Spne-2	neglectus Nash	puffsheath dropseed	
Sppa	patens Swallen	desert dropseed	
Sppu	pulvinatus Swallen	sixweeks dropseed	---
Spva	vaginiflorus (Torr.) Wood	poverty dropseed	
Trbe	Tragus berteronianus Schult.	spike bur-grass	
Trin	Trisetum interruptum Buckl.	annual trisetum	prairie tri- setum



PERENNIAL GRASS LIST

AGRO-1	Agropyron	wheatgrass	
Agba	bakeri E Nels.	Baker wheatgrass	
Agcr	cristatum (L.) Gaertn.	crested wheatgrass	Fairway wheatgrass <sup>1/</sup>
Agda	dasystachyum (Hook.) Scribn.	thickspike wheatgrass	
Agin	intermedium (Host) Beauv.	intermediate wheatgrass	
	<u>pauciflorum</u> See A. trachycaulum		
Agps	pseudorepens Scribn. & Smith	false quackgrass	
Agsc-2	scribneri Vasey	spreading wheatgrass	
Agsm	smithii Rydb.	western wheatgrass	(bluestem wheatgrass)
Agsp	spicatum (Pursh) Scribn. & Smith	bluebunch wheatgrass	bearded bluebunch wheatgrass
Agsu	subsecundum (Link) Hitchc.	bearded wheatgrass	
Agtr-1	trachycaulum (Link) Malte	slender wheatgrass	
	= <u>A. pauciflorum</u> Schwein.		
Agtr-2	trichophorum (Link) Richt.	stiffhair wheatgrass	pubescent wheatgrass <sup>2/</sup>
AGRO-2	Agrostis	bentgrass	
Agal	alba L.	redtop	
Agex	exarata Trin.	spike bent	spike bentgrass
Aghi	hiemalis (Walt.) B.S.P.	winter bent	winter bentgrass
Agpa-1	palustris Huds.	creeping bent	creeping bentgrass
Agsc-1	scabra Willd.	winter bent	rough bentgrass
	= <u>A. hiemalis</u> of authors, NOT (Walt.) B.S.P.		
	<u>NOTE:</u> The common name of rough bentgrass is suggested for <u>Agrostis scabra</u> to distinguish it from winter bentgrass with which it has been confused in some manuals.		
Agse	semiverticillata (Forsk.) C. Christ.	water bent	water bentgrass
ALOP	Alopecurus	foxtail	
Alae	aequalis Sobol.	shortawn foxtail	
Alge	geniculatus L.	water foxtail	

<sup>1/</sup> Fairway wheatgrass is now the recommended common name for Agropyron cristatum; crested wheatgrass is now the recommended common name for Agropyron desertorum.

<sup>2/</sup> Pubescent wheatgrass is the common name used in the USDA (FS) Agriculture Handbook # 58 for Agropyron trichophorum.

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PERENNIAL GRASS LIST (continued)

ANDR-1	Andropogon	bluestem (beardgrass) (bluejoint grass)	
Anba	barbinodis Lag.	cane bluestem	
Anci	cirratus Hack.	Texas bluestem	
Ange	gerardii Vitman = <i>A. furcatus</i> Muhl.	big bluestem	
Angl-1	glomeratus (Walt.) B.S.P.	bushy beardgrass	bushy bluestem
Anha	hallii Hack.	sand bluestem	
Anhi	hirtiflorus (Nees) Kunth		
Anhif	feensis (Fourn.) Hack.	Santa Fe bluestem	SantaFe bluestem
Anis	ischaemum L.	Turkestan bluestem	EastIndies bluestem
Ansa	saccharoides Swartz	silver beardgrass	silver bluestem
Ansc	scoparius Michx.	little bluestem	
ARIS	Aristida	three-awn (dogtown grass, poverty grass, needlegrass)	
Arar-1	arizonica Vasey	Arizona three-awn	
Arba	barbata Fourn.	Havard three-awn	
Arca-1	californica Thurb.	Mohave three-awn	
Ardi	divaricata Humb. & Bonpl.	poverty three-awn	
Arfe-1	fendleriana Steud.	Fendler three-awn	
Argl-1	glabrata (Vasey) Hitchc.	Santa Rita three-awn	SantaRita three-awn
Argl-2	glauca (Nees) Walp.	blue three-awn	
Arlo-1	longiseta Steud.	red three-awn	
Aror	orcuttiana Vasey	single three-awn	
Arpa-1	pansa Woot. & Standl.	Wooton three-awn	
Arpu-1	purpurea Nutt.	purple three-awn	
Arte-1	ternipes Cav.	spidergrass	
Arel	Arrhenatherum elatius (L) Presl.	Tall oatgrass	
Besy	Beckmannia syzigachne (Steud.) Fern.	American sloughgrass	
Bltr	Blepharoneuron tricholepis (Torr.) Nash	pine dropseed (beardless bunchgrass)	
BOUT	Bouteloua	grama	
Bohr	breviseta Vasey	gyp grama	
Boch	chondrosioides (H.B.K.) Benth.	sprucetop grama	
Bocu	curtipendula (Michx.) Torr.	side-oats grama	
Boel	eludens Griffiths	Santa Rita grama	SantaRita grama
Boer	eriopoda Torr.	black grama	black grama (Woollyfoot grama)
Bofi	filiformis (Fourn.) Griffiths	slender grama	
Bogr	gracilis (H.B.K.) Lag.	blue grama	
Böhi	hirsuta Lag.	hairy grama	
Bora	radicosa (Fourn.) Griffiths	purple grama	
Boro	rothrockii Vasey	Rothrock grama	
Botr	trifida Thurb	red grama	

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PERENNIAL GRASS LIST (continued)

BROM	Bromus	bromegrass	brome
Bran	anomalus Rupr. = <u>B. porteri</u> (Coult.) Nash	nodding brome	nodding brome (Porter brome)
Brbr-1	breviaristatus Buckl.	slimleaf brome	
Brca-1	carinatus Hook. & Arn.	California brome	mountain brome
Brci	ciliatus L. = <u>B. richardsonii</u> (Link.)	fringed brome	fringed brome (Richardson brome)
Brfr-1	frondosus (Shear) Woot. & Standl.	weeping brome	
Brin-1	inermis Leyss.	smooth brome (Hungarian brome)	smooth brome
Brla	laevipes Shear	chinook brome	
Brma	marginatus Nees	mountain brome	-----
Brpo	polyanthus Scribn. <u>porteri</u> See Bromus anomalus	foothills brome	-----
Brpu	purgans L. <u>richardsonii</u> See Bromus ciliatus	Canada brome	
Brte-2	texensis (Shear) Hitchc.	Texas brome	
Buda	Buchloe dactyloides (Nutt.) Engelm. = <u>Bulbilis dactyloides</u> (Nutt.) Raf.	buffalograss	
CAIA-1	Calamagrostis	reedgrass	
Caca	canadensis (Michx.) Beauv.	bluejoint reedgrass	
Cain-1	inexpansa A. Gray	northern reedgrass	
Casc	scopulorum M. E. Jones	Jones reedgrass	
Cagi	Calamovilfa gigantea (Nutt.) Scribn. & Merr.	big sandreed (giant reedgrass)	big sandreed
CHLO	Chloris	chloris	chloris (windmillgrass)
Chve	verticillata Nutt.	windmillgrass	tumble windmillgrass
Cila-2	Cinna latifolia (Trevir.) Griseb.	drooping woodreed	
Cyda	Cynodon dactylon (L.) Pers.	Bermudagrass	
Dagl	Dactylis glomerata L.	orchardgrass	
DANT	Danthonia	oatgrass	danthonia
Dain	intermedia Vasey	timber oatgrass	timber danthonia
Dapa-1	parryi Scribn.	Parry oatgrass	Parry danthonia
Dasp-1	spicata (L.) Beauv.	poverty oatgrass	poverty danthonia
Deca	Deschampsia caespitosa (L.) Beauv.	tufted hairgrass	

Date	Description	Amount	Balance
1/1/2020	Opening Balance		1000.00
1/5/2020	Deposit	500.00	1500.00
1/10/2020	Withdrawal	200.00	1300.00
1/15/2020	Deposit	300.00	1600.00
1/20/2020	Withdrawal	100.00	1500.00
1/25/2020	Deposit	400.00	1900.00
1/30/2020	Withdrawal	150.00	1750.00
2/5/2020	Deposit	250.00	2000.00
2/10/2020	Withdrawal	100.00	1900.00
2/15/2020	Deposit	350.00	2250.00
2/20/2020	Withdrawal	200.00	2050.00
2/25/2020	Deposit	450.00	2500.00
2/30/2020	Withdrawal	150.00	2350.00
3/5/2020	Deposit	300.00	2650.00
3/10/2020	Withdrawal	100.00	2550.00
3/15/2020	Deposit	400.00	2950.00
3/20/2020	Withdrawal	200.00	2750.00
3/25/2020	Deposit	500.00	3250.00
3/30/2020	Withdrawal	150.00	3100.00
4/5/2020	Deposit	350.00	3450.00
4/10/2020	Withdrawal	100.00	3350.00
4/15/2020	Deposit	450.00	3800.00
4/20/2020	Withdrawal	200.00	3600.00
4/25/2020	Deposit	550.00	4150.00
4/30/2020	Withdrawal	150.00	4000.00
5/5/2020	Deposit	400.00	4400.00
5/10/2020	Withdrawal	100.00	4300.00
5/15/2020	Deposit	500.00	4800.00
5/20/2020	Withdrawal	200.00	4600.00
5/25/2020	Deposit	600.00	5200.00
5/30/2020	Withdrawal	150.00	5050.00
6/5/2020	Deposit	450.00	5500.00
6/10/2020	Withdrawal	100.00	5400.00
6/15/2020	Deposit	550.00	5950.00
6/20/2020	Withdrawal	200.00	5750.00
6/25/2020	Deposit	650.00	6400.00
6/30/2020	Withdrawal	150.00	6250.00
7/5/2020	Deposit	500.00	6750.00
7/10/2020	Withdrawal	100.00	6650.00
7/15/2020	Deposit	600.00	7250.00
7/20/2020	Withdrawal	200.00	7050.00
7/25/2020	Deposit	700.00	7750.00
7/30/2020	Withdrawal	150.00	7600.00
8/5/2020	Deposit	550.00	8150.00
8/10/2020	Withdrawal	100.00	8050.00
8/15/2020	Deposit	650.00	8700.00
8/20/2020	Withdrawal	200.00	8500.00
8/25/2020	Deposit	750.00	9250.00
8/30/2020	Withdrawal	150.00	9100.00
9/5/2020	Deposit	600.00	9700.00
9/10/2020	Withdrawal	100.00	9600.00
9/15/2020	Deposit	700.00	10300.00
9/20/2020	Withdrawal	200.00	10100.00
9/25/2020	Deposit	800.00	10900.00
9/30/2020	Withdrawal	150.00	10750.00
10/5/2020	Deposit	650.00	11400.00
10/10/2020	Withdrawal	100.00	11300.00
10/15/2020	Deposit	750.00	12050.00
10/20/2020	Withdrawal	200.00	11850.00
10/25/2020	Deposit	850.00	12700.00
10/30/2020	Withdrawal	150.00	12550.00
11/5/2020	Deposit	700.00	13250.00
11/10/2020	Withdrawal	100.00	13150.00
11/15/2020	Deposit	800.00	13950.00
11/20/2020	Withdrawal	200.00	13750.00
11/25/2020	Deposit	900.00	14650.00
11/30/2020	Withdrawal	150.00	14500.00
12/5/2020	Deposit	750.00	15250.00
12/10/2020	Withdrawal	100.00	15150.00
12/15/2020	Deposit	850.00	16000.00
12/20/2020	Withdrawal	200.00	15800.00
12/25/2020	Deposit	950.00	16750.00
12/30/2020	Withdrawal	150.00	16600.00

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PERENNIAL GRASS LIST (continued)

DIST	Distichlis	saltgrass	
Dist	stricta (Torr.) Rydb.	desert saltgrass	inland saltgrass
ELYM	Elymus	wildrye	
Elca	canadensis L.	Canada wildrye	
Elgl	glaucus Buckl.	blue wildrye	
Elma	macounii Vasey	Macoun wildrye	
Elsa	salina M. E. Jones	Salina wildrye	
	NOTE: Original spelling <u>salina</u> , -- for Salina Pass, Utah, where type specimen was collected.		
Eltr	triticoides Buckl.	creeping wildrye (beardless wildrye)	
Elvi	virginicus L.	Virginia wildrye	
Elba	Elyonurus barbiculmis Hack.	woolspike	woolspike balsamscale
Ende	Enneapogon desvauxii Beauv.	spike pappusgrass (American nine-plume)	
ERAG	Eragrostis	lovegrass	
Erch-1	chloromelas Steud.	Boer lovegrass	
Ercu	curvula (Schrad.) Nees	weeping lovegrass	
Erer	erosa Scribn.	Chihuahua lovegrass	
Erin-1	intermedia Hitchc.	plains lovegrass	
Erle	lehmanniana Nees	Lehmann lovegrass	
Ertr-1	trichodes (Nutt.) Wood	sand lovegrass	
FEST	Festuca	fescue	fescue
		(mountain bunchgrass)	
Fear-1	arizonica Vasey	Arizona fescue (pine bunchgrass, white bunchgrass)	
Fear-2	arundinacea Schreb.	Alta fescue	reed fescue
	= <u>F. elatior arundinacea</u> (Schreb.) Wimm.		
	NOTE: Alta fescue is a strain of Festuca arundinacea.		
Feel	elatior L.	meadow fescue	
Feid	idahoensis Elmer	Idaho fescue	
Feov	ovina L.	sheep fescue	
Feovb	brachyphylla (Schult.) Piper	alpine fescue	
Feru-1	rubra L.	red fescue	
Feso	sororia Piper	ravine fescue	
Feth	thurberi Vasey	Thurber fescue	

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Perennial Grass List (continued)

GLYC	Glyceria		mannagrass	
Glbo	borealis (Nash) Batchelder		northern mannagrass	
Glel	elata (Nash) Hitchc.		tall mannagrass	
Glgr	grandis S. Wats.		American mannagrass	
Glpa	pauciflora Presl.		weak mannagrass	
Glst.	striata (Lam.) Hitchc.		fowl mannagrass	
Heco-1	Heteropogon contortus (L.) Beauv.		tanglehead	
Hiod	Hierochloë odorata (L.) Beauv.		sweetgrass	
HILA	Hilaria		hilaria	
Hibe	belangeri (Steud.) Nash		curlymesquite (creepingmesquite)	
Hija	jamesii (Torr.) Benth.		galleta	
Himu	mutica (Buckl.) Benth.		tobosa-grass	tobosa
Hiri	rigida (Thurb.) Benth.		big galleta (desert galleta)	
Hola	Holcus lanatus L.		velvetgrass	common velvetgrass
HORD	Hordeum		barley (foxtail, squirreltail)	barley
Hobr	brachyantherum Nevski		meadow barley	northern meadow
	= <u>H. nodosum</u> of authors, NOT L.			barley %
	= <u>H. nodosum boreale</u> (Scribn. & Smith) Hitchc.			
Hoju	jubatum L.		foxtail barley	
Hono	nodosum L.		- - - - -	meadow barley
Kocr	Koeleria cristata (L.) Pers.		Junegrass (prairie Junegrass)	prairie Junegrass
Leor	Leersia oryzoides (L.) Swartz		rice cutgrass	
Ledu	Leptochloa dubia (H.B.K.) Nees		green sprangletop	
Leco	Leptoloma cognatum (Schult.) Chase		fall witchgrass	
LOLI	Lolium		ryegrass	
Lomu	multiflorum Lam.		Italian ryegrass	
Lope	perenne L.		perennial ryegrass	

% Suggested common name

THE UNIVERSITY OF CHICAGO

Department of Chemistry  
Chicago, Illinois

Dear Sir:

I have your letter of the 10th and am glad to hear that you are interested in the work of the Department of Chemistry.

The Department is currently engaged in a number of projects in the field of physical chemistry and is particularly interested in the study of the properties of matter at high temperatures and pressures.

If you are interested in this work, I would be glad to discuss it with you further. Please write to me at the above address.

Sincerely,  
[Name]

Enclosed are a few papers which may be of interest to you.

Very truly yours,  
[Name]

Enclosure

Yours faithfully,  
[Name]

Very truly yours,  
[Name]

Enclosure

Very truly yours,  
[Name]

Enclosure

Very truly yours,  
[Name]

Enclosure

Very truly yours,  
[Name]

PERENNIAL GRASS LIST (continued)

Lyph	<i>Lycurus phleoides</i> H.B.K.	wolftail (Texas-timothy)	
MELI-1	<i>Melica</i>	melicgrass	melic
Meni	<i>nitens</i> (Scribn.) Nutt.	threeflower melic	
Mepo	<i>porteri</i> Scribn.	Porter melic	
MUHL	<i>Muhlenbergia</i>	muhly	
Muan	<i>andina</i> (Nutt.) Hitchc.	foxtail muhly	
Muar-3	<i>arenacea</i> (Buckl.) Hitchc.	ear muhly	
Muar-1	<i>arenicola</i> Buckl.	sand muhly	
Muar-2	<i>arizonica</i> Scribn.	Arizona muhly	
Muas	<i>asperifolia</i> (Nees & Mey.) Parodi	alkali muhly	
Mucu	<i>cuspidata</i> (Torr.) Rydb.	stonyhills muhly	
Mudu-1	<i>dubia</i> Fourn.	pine muhly	
Mudu-2	<i>dumosa</i> Scribn.	bamboo muhly	
Muem	<i>emersleyi</i> Vasey	bullgrass	
Mufi-1	<i>filiculmis</i> Vasey	slimstem muhly	
	<i>gracillima</i> See <i>Muhlenbergia</i>	<i>torreyi</i>	
Mulo	<i>longiligula</i> Hitchc.	longtongue muhly	
Mumo-1	<i>montana</i> (Nutt.) Hitchc.	mountain muhly	
Mumo-2	<i>monticola</i> Buckl.	mesa muhly	
Mumu	<i>mundula</i> I.M. Johnston	deergrass	
	<u>NOTE:</u> Doubtfully distinct from <i>M. rigens</i> , the accepted common name of which is deergrass.		
Mupa	<i>pauciflora</i> Buckl.	New-Mexican muhly	
Mupo-2	<i>polycaulis</i> Scribn.	cliff muhly	
Mupo-1	<i>porteri</i> Scribn.	bush muhly (hoegrass, black grama*)	
Mupu	<i>pungens</i> Thurb.	sandhill muhly	
Mura	<i>racemosa</i> (Michx.) B.S.P.	green muhly	
Mure	<i>repens</i> (Presl) Hitchc.	creeping muhly	red muhly
Muri-1	<i>richardsonis</i> (Trin.) Rydb.	mat muhly	
Muri-3	<i>rigens</i> (Benth.) Hitchc.	- - -	deergrass
Muri-2	<i>rigida</i> (H.B.K.) Kunth	purple muhly	
Muse	<i>setifolia</i> Vasey	curlyleaf muhly	
Muth	<i>thurberi</i> Rydb.	Thurber muhly	
Muto	<i>torreyi</i> (Kunth) Hitchc. = <i>M. gracillima</i> Torr.	ring muhly	
Maut	<i>utilis</i> (Torr.) Hitchc.	aparejo-grass	
Muvi	<i>virescens</i> (H.B.K.) Kunth	screwleaf muhly	
Muwr	<i>wrightii</i> Vasey	spike muhly	
ORYZ	<i>Oryzopsis</i>	ricegrass	
	<i>fimbriata</i> See <i>Piptochaetium fimbriatum</i>		
Orhy	<i>hymenoides</i> (Roem. & Schult.) Ricker	Indian ricegrass	
Ormi	<i>micrantha</i> (Trin. & Rupr.) Thurb.	littleseed ricegrass	

\* Frequently called black grama in grazing literature, although it is neither a grama nor a close relative of the gramas.



PERENNIAL GRASS LIST (continued)

PANI	Panicum	panicum (panicgrass)	panicum; witchgrass
Pabu	bulbosum H.B.K.	bulb panicum	
Pabum	minus Vasey	little bulb panicum	little bulb panicum
Paha	hallii Vasey	Halls panicum	
Pahu	huachucae Ashe	Huachuca panicum	
Paob	obtusum H.B.K.	vine-mesquite	
Pavi	virgatum L.	switchgrass	
Pamu	Pappophorum mucronulatum Nees	feather pappusgrass	whiplash pappusgrass
Padi	Paspalum distichum L.	knotgrass	
Phar	Phalaris arundinacea L.	reed canarygrass	
PHLE	Phleum	timothy	
Phal	alpinum L.	alpine timothy	
Phpr	pratense L.	timothy	
Phco	Phragmites communis Trin.	common reed	
Pifi	Piptochaetium fimbriatum (H.B.K.) = <u>Oryzopsis fimbriata</u> (H.B.K.)	Hitchc. Helmsl.	pinyon ricegrass
POA	Poa	bluegrass	
Poam	ampla Merr.	big bluegrass	
Poar-2	arctica R. Br.	arctic bluegrass	
Poar-1	arida Vasey	plains bluegrass	
Poco-1	compressa L.	Canada bluegrass	
Pofe	fendleriana (Steud.) Vasey	mutton bluegrass (muttongrass)	
Poin-1	interior Rydb.	inland bluegrass	
Pole	leptocoma Trin.	bog bluegrass	
Polo	longiligula Scribn. & Williams	longtongue bluegrass	longtongue mutton bluegrass
Pooc	occidentalis Vasey	New-Mexican bluegrass	
Popa	palustris L.	fowl bluegrass	
Popr	pratensis L.	Kentucky bluegrass	
Pore	reflexa Vasey & Scribn.	nodding bluegrass	
Poru	rupicola Nash	timberline bluegrass	
Poin-2	Polypogon interruptus H.B.K.	ditch polypogon	





PERENNIAL GRASS LIST (continued)

Scpa	Schedonnardus paniculatus (Nutt.) Trel.	tumblegrass (Texas-crabgrass)	
Scpu	Schizachne purpurascens (Torr.) Swallen	false-melic	false-melic
Scbr	Scleropogon brevifolius Phil.	burrograss	
SETA	Setaria	bristlegrass	
Sege	geniculata (Lam.) Beauv.	knotroot bristlegrass	
Sema	macrostachya H.B.K.	plains bristlegrass	
SITA	Sitanion	squirreltail	
Sihy	hystrix (Nutt.) J.G.Smith	bottlebrush squirreltail	
Siju	jubatum J. G. Smith	big squirreltail	
SORG	Sorghastrum	Indiangrass	
Sonu	nutans (L.) Nash	yellow Indiangrass	
Soha	Sorghum halepense (L.) Pers.	Johnsongrass	
SPAR-1	Spartina	cordgrass	
Spgr	gracilis Trin.	alkali cordgrass	
Sppe-1	pectinata Link	prairie cordgrass	
SPHE	Sphenopholis	wedgegrass	wedgescale
Spin-2	intermedia Rydb.	slender wedgegrass	slender wedgescale
Spob	obtusata (Michx.) Scribn.	prairie wedgegrass	prairie wedgescale
SPOR	Sporobolus	dropseed	
Spai	airoides Torr.	alkali sacaton	
Spas	asper (Michx.) Kunth	tall dropseed	
Spco	contractus Hitchc.	spike dropseed	
Spcr	cryptandrus (Torr.) A. Gray	sand dropseed	
Spfl	flexuosus (Thurb.) Rydb.	mesa dropseed	
Spgi	giganteus Nash	giant dropseed	
Spin-1	interruptus Vasey	black dropseed	
Spne-1	nealleyi Vasey	gypgrass	
Spte	texanus Vasey	Texas dropseed	
Spwr	wrightii Munro	sacaton	

The first part of the document discusses the importance of maintaining accurate records of all transactions. It is essential to ensure that every entry is properly documented and verified. This process helps in identifying any discrepancies or errors early on, allowing for prompt correction and ensuring the integrity of the financial data.

Furthermore, the document emphasizes the need for transparency and accountability. All stakeholders should have access to the relevant information, and any changes or updates should be clearly communicated. This fosters trust and ensures that everyone is working with the most current and accurate data available.

In addition, the document outlines the various methods used for data collection and analysis. These methods are designed to be efficient and effective, providing a comprehensive view of the overall performance. Regular reviews and audits are conducted to ensure that the data remains reliable and that the reporting process is consistent and standardized.

The final section of the document provides a summary of the key findings and recommendations. It highlights the areas where further improvement is needed and offers practical suggestions for addressing these issues. By following these recommendations, the organization can enhance its operational efficiency and achieve its long-term goals.

PERENNIAL GRASS LIST (continued)

STIP	Stipa	needlegrass; feathergrass	
Star	arida M. E. Jones	funeral needlegrass	Mormon needlegrass
Stco-2	columbiana Macoun	Columbia needlegrass	subalpine "
Stco-1	comata Trin. & Rupr.	needle-and-thread	
Stcoi	intermedia Scribn. & Tweedy	Tweedy needlegrass	
Stcu	curvifolia Swallen	Guadalupa needlegrass	
Stem	eminens Cav.	southwestern needlegrass	
Stle	lettermanii Vasey	Letterman needlegrass	
Stlo-1	lobata Swallen	little-awn needlegrass	
Stne	neomexicana (Thurb.) Scribn.	New-Mexican feathergrass	
Stoc	occidentalis Thurb.	western needlegrass	
Stpr	pringlei Scribn.	Pringle needlegrass	
Stro	robusta (Vasey) Scribn.	sleepygrass	
Stsc	scribneri Vasey	Scribner needlegrass	
Stsp-1	spartea Trin.	porcupinegrass	
Stsp-2	speciosa Trin. & Rupr.	desert needlegrass	
Stte	tenuissima Trin.	finestem needlegrass	
Stvi	viridula Trin.	green needlegrass	
Trse	Trachypogon secundus (Presl) Scribn.	crinkle-awn	
Trca-1	Trichachne californica (Benth.) Chase = <u>Trichachne saccharata</u> Nash	cottontop	Arizona cottontop
TRID	Tridens = <u>Triodia</u>	tridens (cottongrass)	
Tral-1	albescens (Vasey) Woot. & Standl.	white tridens	
Trel	elongatus (Buckl.) Nash	rough tridens	
Trgr	grandiflorus (Vasey) Woot. & Standl.	largeflowered tridens	shortleaf tridens
		tridens	
		<u>NOTE:</u> Big-spikelet tridens is also suggested as a common name for this species.	
Trmu	muticus (Torr.) Nash	slim tridens	
Trpi	pilosus (Buckl.) Hitchc.	hairy tridens	
Trpu	pulchellus (H.B.K.) Hitchc.	fluffgrass	
TRIS	Trisetum	trisetum	
Trmo	montanum Vasey	mountain trisetum	RockyMountain trisetum
Trsp	spicatum (L.) Richt.	spike trisetum	
Trwo	wolfii Vasey	Wolfs trisetum	



## GRASSLIKE PLANTS

CARE	Carex	sedge	
Caal-1	albo-nigra Mackenz.	blackhead sedge	-----
Caal-2	alma Bailey	alma sedge	-----
Caaq	aquatilis Wahl.	water sedge	
Cabe	bella Bailey	beautiful sedge	-----
Cado	douglasii Boott	Douglas sedge	
Caeb	ebenea Rydb.	ebony sedge	
Cafe	festivella Mackenz.	ovalhead sedge	
Cafo	foenea Willd.	silvertop sedge	
	= <u>C. siccata</u> Dewey		
Cage	geophila Mackenz.	dryland sedge	-----
Caha	haydeniana Olney	cloud sedge	
Cahy	hystricina Muhl.	bottlebrush sedge	
Cane	nebraskensis Dewey	Nebraska sedge	
Capr	praegracilis W. Boott	silver sedge	-----
Caro-2	rostrata Stokes	beaked sedge	
Casi	<u>siccata</u> See C. foenea		
Cavu	vulpinoidea Michx.	fox sedge	
CYPE	Cyperus	flat-sedge	
Cyac	acuminatus Torr. & Hook.	taperleaf flat-sedge	
Cyar	aristatus Rottb.	bearded flat-sedge	
Cyes	esculentus L.	chufa flat-sedge (yellow nutgrass)	
Cyfe-2	fendlerianus Boeckl.	tuber flat-sedge	Fendler flat-sedge
Cyod	odoratus L.	goodseed flat-sedge	
Cypr	pringlei Britt.	pine flat-sedge	
Cyro	rotundus L.	nutgrass	nutgrass flat-sedge
Cyru	rusbyi Britt.	hillside flat-sedge	
ELEO	Eleocharis (also spelled Heleocharis)	spikerush	spikesedge
Elac	acicularis (L.) Roem. & Schult.	needle spikerush	needle spikesedge
	<u>Juncoides</u> See Luzula		
JUNCO	Juncus	rush	
Juba	balticus Willd. <u>1/</u>	wire rush	Baltic rush
Jubu	bufonius L.	toad rush	
Juin	interior Wiegand	inland rush	
Jusa	saximontanus A. Nels.	Rocky Mountain rush	Rocky Mountain rush
Juto	torreyi Coville	bur rush	Torrey rush
Lupa-1	Luzula parviflora (Ehrh.) Desv. millet woodrush = <u>Juncoides parviflorum</u> (Ehrh.) Coville		

1/ Juncus balticus is a Eurasian species represented in our area by the variety montanus Engelm.

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GRASSLIKE PLANTS (continued)

SCIR	Scirpus	bulrush	
Scac	acutus Muhl.	tule	tule bulrush
Scam	americanus Pers.	salty bulrush	American bulrush
Semi	microcarpus Presl	panicled bulrush	
TYPH	Typha <u>2/</u>	cattail	
Tyan	angustifolia L.	narrowleaf cattail	
	<u>NOTE:</u> Material from our area so-labeled is probably referable to <i>Typha domingensis</i> . See Hotchkiss & Dozier, Taxonomy and Distribution of N. American Cat-tails, Am. Midl. Nat. 41: 237-254. 1949.		
Tydo	domingensis Pers.		Dominican cattail %
Tyla	latifolia L.	broadleaf cattail	common cattail

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2/ This genus preferably regarded as a forb.

% Suggested common name.



FORBS LIST

ABRO	Abronia	sandverbena	
Aban	angustifolia Greene	purple sandverbena	-----
Abel	elliptica A. Nels.	pink sandverbena	
Abfr	fragrans Nutt.	snowball sandverbena	
Abvi	villosa S. Wats.	desert sandverbena	
ACHI	Achillea	yarrow (milfoil)	yarrow
Acla	lanulosa Nutt.	western yarrow	
ACON	Aconitum	monkshood	
Acba	bakeri Greene	Baker monkshood	
Acco-2	columbianum Nutt.	Columbia monkshood (aconite, wolfbane)	
ACTA	Actaea	baneberry	
Acar	arguta Nutt.	western baneberry	
Acarv	viridiflora (Greene) Tidestr. & Kitt. = <u>A. viridiflora</u> Greene	green western baneberry	
<u>Actinea</u> See Hymenoxys			
<u>Adenostegia</u> See Cordylanthus			
ADIA	Adiantum	maidenhair fern	maidenhair
AGAS	Agastache	giant-hyssop (horsemint)	giant-hyssop
Agca	cana (Hook.) Woot. & Standl.	mosquito-plant	
Agur	urticifolia Kuntze	nettleleaf giant-hyssop	
Agave See under TREES AND SHRUBS			
AGOS	Agoseris	agoseris (mountain-dandelion)	agoseris
Agar	arizonica Greene	Arizona agoseris	
Agau	aurantiaca (Hook.) Greene	orange agoseris	
Aggl	glauca (Pursh) D. Dietr.	pale agoseris	
Aggr	gracilens (A. Gray) Kuntze	slender agoseris	
Aghe	heterophylla (Nutt.) Greene	annual agoseris	
AGRI	Agrimonia	agrimony	
Agst	striata Michx.	roadside agrimony	



FORBS LIST (continued)

ALIS	Alisma		waterplantain	
Aloc	Allenrolfea occidentalis (S. Wats.) Kuntze	iodinebush (pickleweed).		pickleweed
Alin	Allionia incarnata L.		trailing four-o'clock (umbrellawort; wild four-o'clock)	trailing allionia
ALLI	Allium		onion	
Alac	acuminatum Hook.		tapertip onion	
Albr	brevistylum S. Wats.		shortstyle onion	
Alca	canadense L.		Canada garlic	
Alce	cernuum Roth		nodding onion	
AMAR	Amaranthus		amaranth (pigweed)	
Ambl	blitoides S. Wats.		prostrate amaranth	
Amgr	graecizans L.		tumbleweed amaranth	
Ampa-1	palmeri S. Wats.		carelessweed amaranth	-----
Amre	retroflexus L.		redroot amaranth	
AMBR	Ambrosia		ragweed	
Amap	aptera DC		blood ragweed	
Amar	artemisifolia L.		common ragweed	
Amps	psilostachya DC.		western ragweed	
	= <u>A. coronopifolia</u> Torr. & Gray			
AMSI	Amsinckia		fiddleneck	
Ampa-2	Amsonia palmeri A. Gray		Palmer amsonia	
ANAC	Anacharis		waterweed	
ANAP	Anaphalis		pearleverlasting	
Anma	margaritacea (L.) A. Gray		common pearleverlasting	
Anmas	subalpina A. Gray		western pearl- everlasting	western common pearleverlasting
ANDR-2	Androsace		rockjasmine	
Anoc	occidentalis Pursh		western rockjasmine	

1940 (1941) 1942

1943 (1944) 1945

1946 (1947) 1948 (1949) 1950

1951 (1952) 1953

1954 (1955) 1956

1957 (1958) 1959

1960 (1961) 1962

1963 (1964) 1965

1966 (1967) 1968

1969 (1970) 1971

1972 (1973) 1974

1975 (1976) 1977

1978 (1979) 1980

1981 (1982) 1983

1984 (1985) 1986

1987 (1988) 1989

1990 (1991) 1992

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1996 (1997) 1998

1999 (2000) 2001

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2005 (2006) 2007

2008 (2009) 2010

2011 (2012) 2013

2014 (2015) 2016

2017 (2018) 2019

2020 (2021) 2022

2023 (2024) 2025

2026 (2027) 2028

2029 (2030) 2031

2032 (2033) 2034

2035 (2036) 2037

2038 (2039) 2040

2041 (2042) 2043

2044 (2045) 2046

2047 (2048) 2049

2050 (2051) 2052

2053 (2054) 2055

2056 (2057) 2058

2059 (2060) 2061

2062 (2063) 2064

2065 (2066) 2067

2068 (2069) 2070

2071 (2072) 2073

2074 (2075) 2076

2077 (2078) 2079

2080 (2081) 2082

2083 (2084) 2085

2086 (2087) 2088

2089 (2090) 2091

2092 (2093) 2094



Forbs List (continued)

ANEM	Anemone	anemone (windflower)	
Anca	canadensis L.	meadow anemone	
Ancy	cylindrica A. Gray	candle anemone	
Angl-2	globosa Nutt.	Pacific anemone	
Anlu	ludoviciana Nutt. <u>1/</u> = <u>Pulsatilla ludoviciana</u> (Nutt.) Heller	pasqueflower	American pasqueflower
Antu	tuberosa Rydb.	tuber anemone	
Anpi	Angelica pinnata S. Wats.	small-leaf angelica	
ANOD	Anoda	anoda	
ANTE	Antennaria	pussytoes	
Anap	aprica Greene	RockyMountain pussytoes	
Anmi	microphylla Rydb. <u>2/</u>	littleleaf pussytoes	
Anpu	pulcherrima (Hook.) Greene	showy pussytoes	
Anro	rosea (D. C. Eaton) Greene	rose pussytoes	
Anco	Anthemis cotula L.	camomile (mayweed, dogfennel)	mayweed camomile
Anto	Anthericum torreyi Baker	Torrey anthericum (craglilly)	
ANTI	Antirrhinum	snapdragon	
	<u>maurandioides</u> See <u>Maurandia antirrhiniflora</u>		
APLO	Aplopappus (also spelled Haplopappus)	goldenweed	
Apac	acradenius (Greene) Blake	paleleaf goldenweed	
Apcu	cuneatus A. Gray	wedgeleaf goldenweed	
Aphe	heterophyllus (A. Gray) Blake	jimmyweed	
Apla-1	laricifolius A. Gray	larchleaf goldenweed	
Apsp	spinulosus (Pursh) DC	ironplant goldenweed	
Apsu	suffruticosus (Nutt.) A. Gray	singlehead goldenweed	
Apte	tenuisectus (Greene) Blake	burroweed	

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1/ Some botanists prefer to put pasqueflowers in a separate genus, Pulsatilla. Others prefer to regard ludoviciana as a synonym of the typically Old World-arctic Anemone patens L., var. wolfgangiana (Bess.) Koch.

2/ Some botanists regard Antennaria microphylla Rydb. as a synonym of A. rosea (D.C.Eaton) Greene.

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1800 London 1800

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1809 London 1809

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Forbs List (continued)

APOC	Apocynum	dogbane (Indian-hemp)	
Apan	androsaemifolium L.	spreading dogbane	
Apang	glabrum Macoun	shiny dogbane	
		smooth spreading dogbane	
Apca	cannabinum L.	hemp dogbane	
Appu	pumilum (A. Gray) Greene	low dogbane	
Apse	scopulorum Greene	cliff dogbane	
Apun	Apodanthera undulata A. Gray	gourd ("melon-loco")	-----
		melon-gourd	
		<u>NOTE:</u> Gourd is the accepted common name for the genus Lagenaria.	
AQUI	Aquilegia	columbine	
Aqca	caerulea James	Colorado blue columbine	
Aqcap	ssp. pinetorum (Tidestr.) Payson	pine columbine	
	= <u>A. pinetorum</u> Tidestr.		
Aqch	chrysantha A. Gray	golden columbine	
Aqel	elegantula Greene	westernred columbine	
	<u>pinetorum</u> See A. Caerulea pinetorum		
ARAB	Arabis	rockcress	
Arbr	breweri S. Wats.	Brewer rockcress	
Arca-2	canescens Nutt.	silver rockcress	
Ardr-1	drummondii A. Gray	Drummond rockcress	
Argl-3	glabra (L.) Bernh.	towermustard rockcress	
Armi-2	microphylla Nutt.	littleleaf rockcress	
Arnu	nuttallii B. L. Robins.	Nuttall rockcress	
Arra	Aralia racemosa L.	aralia (spikenard)	American spikenard
Armi-1	Arctium minus (HILL) Bernh.	burdock	smaller burdock
ARCT-2	Arctomecon	desertpoppy	bearpoppy
AREN	Arenaria	sandwort	
Arco-1	congesta Nutt.	ballhead sandwort	
Arfe-2	fendleri A. Gray	Fendler sandwort	
Arfo-1	formosa Fisch.	fescue sandwort	
Arsa	sajanensis Willd.	Siberian sandwort	
Arui	uintahensis A. Nels.	Uinta sandwort	
Arve	verna L.	tufted sandwort	



Forbs List (continued)

ARGE Argemone pricklepopy (chicalote)  
 Arpl platyceras Link & Otto crested pricklepopy  
 Arplh hispida (A. Gray) Prain hedgehog pricklepopy

Argentina See Potentilla

ARIS-1 Aristolochia Dutchmanspipe  
 Arwa watsonii Woot. & Standl. Indianroot Watson Dutch-  
 manspipe

ARNI Arnica arnica  
 Arco-2 cordifolia Hook heartleaf arnica  
 Arfo-2 foliosa Nutt. leafy arnica  
 Arfu fulgens Pursh orange arnica  
 Arla latifolia Bong. broadleaf arnica  
 Arlo-2 longifolia D.C. Eaton longleaf arnica  
 Armo mollis Hook. hairy arnica  
 Arpa-2 parryi A. Gray rayless arnica

Artemisia See TREES AND SHRUBS LIST

ASCL Asclepias milkweed  
capricornu See Asclepiodora decumbens  
 Aser erosa Torr. desert milkweed  
 Asin-1 involucrata Engelm. dwarf milkweed  
 Assp-1 speciosa Torr. showy milkweed  
 Assu-2 subulata Decne skeleton milkweed  
 Assu-1 subverticillata (A. Gray) Vail horsetail milkweed -----  
 (whorled milkweed)  
 = A. galioides of authors, NOT H.B.K. NOTE: Whorled milkweed  
 is accepted common name  
 of Asclepias verticillata.  
 A. galioides H.B.K. is a  
 Mexican species and is  
 called poison milkweed.

Astu tuberosa L. butterfly milkweed (pleurisy-root)

Asde Asclepiodora decumbens (Nutt.) A. Gray antelopehorn spider antelope-  
 = Asclepias capricornu Woodson horn

ASPL Asplenium spleenwort





Forbs List (continued)

ASTE	Aster	aster	
Asab	abatus Blake	Mohave aster	
Asbi-2	bigelovii A. Gray	Bigelow aster	
Asca	canescens Pursh	hoary aster	
Asco	commutatus (Torr. & Gray) A. Gray	showy aster	-----
		NOTE: Showy aster is the accepted common name for Aster conspicuus.	
Asea	eatonii (A. Gray) Howell	Eatons aster	
Asfo	foliaceus Lindl.	leafybract aster	
Ashe	hesperius A. Gray	Siskiyou aster	
Asin-2	integrifolius Nutt.	thickstem aster	
Asla	laevis L.	smooth aster	
Asle-1	leucanthemifolius Greene	daisyleaf aster	
Asle-2	leucelene Blake	babywhite aster	
Aspe	perelegans Nels. & Macbr.	Nuttall aster	
Assc	scopulorum A. Gray	crag aster	
Assp-2	spinosus A. Gray	spiny aster	devilweed aster
		(devilweed)	
Asta	tanacetifolius H.B.K.	tansyleaf aster	
ASTR	Astragalus	milkvetch-- nonpoisonous	
		loco -- poisonous	
Asag	agrestis Dougl. = <u>A. goniatus</u> Nutt.	purple milkvetch	
Asal-1	allochrous A. Gray	halfmoon loco	
Asal-2	alpinus L.	alpine milkvetch	
	araneosus See Astragalus lentiginosus var. araneosus		
Asar	arizonicus A. Gray	Arizona loco	
Asbe	beckwithii Torr. & Gray	Beckwith milkvetch	
Asbi-1	bigelovii A. Gray	Bigelow milkvetch	
Asca-1	canadensis L.	-----	Canada milkvetch
Ascab	brevidens (Gand.) Barneby = <u>A. mertonii</u> of authors, NOT Nutt.	Morton loco	-----
	NOTE: Astragalus mertonii Nutt. is primarily a northwestern species, apparently not in our Intermountain or Southwestern areas; material so called is, fide Dr. Barneby, A. canadensis var. brevidens.		
Ascr	crassicaupus Nutt.	groundplum milkvetch	
Asfl	flexuosus (Dougl.) Jones <u>goniatus</u> See A. agrestis	flexible milkvetch	flexile milkvetch
Asha	haydenianus A. Gray	Hayden poisonvetch	
	<u>impensus</u> See A. kentrophyta var. elatus		
Aske	kentrophyta var. elatus S. Wats. = <u>A. impensus</u> (Sheld.) Woot. & Standl.	Thistle milkvetch	
Asle -3	lentiginosus Dougl.	specklepod loco	
Aslea	araneosus (Sheld.) Barneby = <u>A. araneosus</u> Sheld.	dryplains milkvetch	
Asled	diphysus (A. Gray) Jones <u>mertonii</u> See A. lentiginosus var. araneosus	blue loco (rattlepod)	
Asno	nothoxys A. Gray	sheep loco	

Year	Month	Day	Event	Location	Notes
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1912	Apr	30	...	...	...

Forbs List (continued)

Astragalus (continued)

Asnu	nuttallianus DC.	Nuttall loco	
Aspa	pattersonii A. Gray	Patterson loco	
Aspu	purshii Dougl.	Pursh loco	
	remulcus See A. tephrodes var. brachylobus		
Assp-3	spatulatus Sheld.	tufted milkvetch	
Aste	tephrodes var. brachylobus (A. Gray)	Barneby towline loco	
	= <u>A. remulcus</u> M. E. Jones		
Asth	thurberi A. Gray	Thurber loco	
Aswo	wootonii Sheld.	Wooton loco	

Atfi	Athyrium filix-femina (L.) Roth	ladyfern	
		<u>NOTE:</u> The common name of ladyfern	
		applicable to this species	
		rather than to the genus.	

Atriplex See TREES AND SHRUBS LIST

BAER	Baeria	goldfields	
Bach	chrysostoma Fisch. & Mey.	goldfields	branchy goldfields

BAHI	Bahia	bahia (ragweed)	bahia
		<u>NOTE:</u> Ragweed is the accepted	
		common name for Ambrosia.	

Badi	dissecta (A. Gray) Britton	ragleaf bahia	
Bane	neomexicana A. Gray	New-Mexican bahia	-----
Baop	oppositifolia (Nutt.) DC.	plains bahia	
Bawo	woodhousei A. Gray	Woodhouse bahia	-----

BAIL	Baileya	baileya	baileya
		(desertmarigold)	
Bamu	multiradiata Harv. & A. Gray	desert baileya	

BALS	Balsamorhiza	balsamroot	
Basa-2	sagittata (Pursh) Nutt.	arrowleaf balsamroot	

Baor	Barbarea orthoceras Ledeb.	wintercress	erectpod wintercress
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Bassia hyssopifolia See Echinopsilon hyssopifolium

Bete	Bergia texana (Hook.) Seubert	Texas bergia	
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Beer	Berula erecta (Huds.) Coville	waterparsnip	stalky berula
		<u>NOTE:</u> Waterparsnip is the accepted	
		common name for Sium.	



Forbs List (continued)

BIDE	Bidens	beggarticks	
Bibi	bigelovii A. Gray	water beggarticks	-----
Bihe	heterosperma A. Gray	bur-marigold	-----
Bila	laevis (L.) B.S.P.	smooth beggarticks	
Bile	leptocephala Sherff	pitchfork beggarticks	-----
Bite	tenuisecta A. Gray	sticktight beggarticks	-----
	<u>Blitum</u> See Chenopodium		
BOER	Boerhaavia	spiderling	
Boco-1	coccinea Mill.	trailing spiderling	scarlet spiderling
Boco-2	coulteri (Hook. f.) S. Wats.	Coulter spiderling	-----
Boer-1	erecta L.	erect spiderling	
BOTR	Botrychium	grapefern	
BRAS	Brassica	mustard	
Brer	eruca L.	rocketsalad (roquette)	
Brhi	hirta Moench	white mustard	
Brju	juncea (L.) Cosson	Indian mustard	India mustard
Brka	kaber (DC.) L. C. Wheeler	<u>NOTE</u> : This species comes from India	
Brni	nigra (L.) Koch	charlock	
		black mustard	
	Brickellia See TREES AND SHRUBS LIST		
	<u>Brodiaea</u> See Dichelostemma		
BUPL	Bupleurum	thorowax	
Buro	rotundifolium L.	roundleaf thorowax	
CALA-2	Calandrinia	rockpurslane	
Caam	ambigua (S. Wats.) Howell	desert rockpurslane	alkali rockpurslane
	<u>arizonica</u> See C. ciliata menziesii	<u>NOTE</u> : Since desert rockpurslane	
		is the generally accepted	
		common name for Calandrinia	
		caulescens, alkali rockpurslane	
		is suggested as an alternative.	
Caci	ciliata (Ruiz & Pavon) DC.	-----	-----
Cacim	menziesii (Hook.) Macbr.	redmaids rockpurslane	
	= <u>C. arizonica</u> Rydb.		
	= <u>C. caulescens menziesii</u> (Hook.) A. Gray		
		<u>NOTE</u> : Redmaids rockpurslane is	
		the generally accepted	
		common name for C. ciliata	
		var. menziesii, which is	
		apparently the common U.S. form of	
		this typically South American	
		species.	







FORBS LIST (continued)

CALL-1	Callirhoe = Malva, in part	-----	poppymallow
Cale-3	leiocarpa R.F. Martin = <u>C. pedata</u> (Torr. & Gray) A. Gray = <u>Malva pedata</u> Torr. & Gray = " <u>Nuttallia pedata</u> " of A. Gray, NOT Nutt.		
	<u>Callisteris collina</u>	See <u>Gilia greeneana</u>	
CALO	Calochortus	mariposa	
Cagu	gunnisonii S. Wats.	Gunnison mariposa	
Cake	kennedyi Porter	desert mariposa	
Canu	nuttallii Torr. & Gray	sego-lily	sego-lily mariposa
Canua	aureus (S. Wats.) Ownbey	golden sego-lily	golden sego-lily mariposa
Cale-1	Caltha leptosepala DC.	marshmarigold (elkslip)	elkslip marsh- marigold
CAME	Camelina	falseflax	
Cami-2	microcarpa Andrz.	littlepod falseflax	
Casa	sativa (L.) Crantz	bigseed falseflax	
CAMP	Campanula	bellflower	
Capa	parryi A. Gray	Parry bellflower	
Cape	petiolata A. DC.	harebell	American harebell
Caro-1	rotundifolia L.	bluebell	
	<u>Campe</u>	See Barbarea	
	<u>Capnoides</u>	See Corydalis	
Cabu	Capsella bursa-pastoris (L.) Medic.	shepherds-purse	
CARD	Cardamine	bittercress	
Caco-2	cordifolia A. Gray	heartleaf bittercress	
Cahi	hirsuta Muhl.	Pennsylvania bittercress	
	<u>Cardaria draba</u>	See <u>Lepidium draba</u>	
CASS	Cassia	See also under TREES AND SHRUBS LIST	senna
Caco-1	covesii A. Gray		hairy senna
Cawr	wrightii A. Gray		partridge-pea
	= <u>Chamaecrista wrightii</u> (A. Gray) Woot. & Standl.		Wrights partridge- pea
CAST	Castilleja	paintbrush (painted-cup)	painted-cup
Cafl	flava S. Wats.	yellow paintbrush	
Cain-2	integra A. Gray	wholeleaf paintbrush	



Forbs List (continued)

	Castilleja (continued)		
Cali-1	linariaefolia Benth.		Wyoming paintbrush
Calu	luteovirens Rydb.		yellowgreen paintbrush
Cami	miniata Dougl.		scarlet paintbrush
Carh	rhexifolia Rydb.		splitleaf paintbrush
Case	septentrionalis Lindl.		sulphur paintbrush
	= <u>C. sulphurea</u> Rydb.		Sulfur painted-cup
Cami-1	Caucalis microcarpa Hook & Arn.		false-carrot
CENT-1	Centaurea		centaurea
Ceam	americana Nutt.		basketflower
			basketflower centaurea
Ceca	calcitrapa L.		star-thistle
Cecy	cyanus L.		cornflower (bachelor's button)
Ceme	melitensis L.		Malta centaurea
	<u>picris</u> See <u>C. repens</u> .		Malta star-thistle
Cere-1	repens L.		Russian knapweed
	= <u>C. picris</u> Pall.		Russian centaurea
Ceso	solstitialis L.		yellow centaurea
CENT-2	Centaureum		canchalagua
			centaurium
CERA	Cerastium		mouse-ear
Cear	arvense L.		starry mouse-ear
Cebe-2	beeringianum Cham. & Schlecht.		alpine mouse-ear
Cenu	nutans Raf.		powderhorn mouse-ear
			cerastium
			starry cerastium
			-----
			-----
CHAE	Chaenactis		false-yarrow
			chaenactis
			(False-yarrow)
Chdo	douglasii (Hook.) Hook. & Arn.		Douglas false-yarrow
Chst	steviodes Hook. & Arn.		Douglas chaenactis
			-----
	<u>Chamaecrista</u> See Cassia		
CHEI	Cheilanthes		lipfern
	<u>Cheirinia</u> See Erysimum		
CHEN	Chenopodium = <u>Blitum</u>		goosefoot
			(pigweed*)
Chal	album L.		lambquarters
Cham	ambrosioides L.		goosefoot
Chca	capitatum (L.) Asch.		wormseed
	= <u>Blitum capitatum</u> L.		strawberry-blite
			blite goosefoot
			goosefoot



Forbs List (continued)

	Chenopodium (continued)		
Chfr	fremontii S. Wats.	Fremont goosefoot	
Chin	incisum Poir.	ragleaf goosefoot	
Chle	leptophyllum Nutt	slimleaf goosefoot	
Chmu	murale L.	nettleleaf goosefoot	
Chpa-1	paganum Reichenb.	pigweed goosefoot	
CHIM	Chimaphila	pipsissewa	
Chma	maculata (L.) Pursh	rock pipsissewa	
Chum	umbellata (L.) Nutt.	princespine pipsissewa	
	Chorizanthe	Turksrug	
		NOTE: Turksrug is accepted common name for Chorizanthe staticoides.	
CHRY-2	Chrysopsis	goldaster	
Chfo	foliosa Nutt.	leafy goldaster	
Chhi	hispida (Hook ) DC.	rough goldaster	
Chvi-2	villosa (Pursh) Nutt.	hairy goldaster	
Ciin	Cichorium intybus L.	chicory	common chicory
Cido	Cicuta douglasii (DC.) Coult. & Rose	waterhemlock (wild parsnip*, cowbane)	
CIRC	Circaea	-----	circaea (enchanters-nightshade)
Cipa	pacifica Asch. & Magn. NOTE: Doubtfully distinct from alpine circaea (C. alpina).	enchanters-nightshade	-----
CIRS	Cirsium	thistle	
Ciar	arizonicum (A. Gray) Petrak	Arizona thistle	
Cidr	drummondii Torr. & Gray	creamy thistle	Drummond thistle
Cigr	grahamii A. Gray	deep-purple thistle	-----
Cila-1	lanceolatum (L.) Hill	bull thistle	
Cine	neomexicanum A. Gray	lavender thistle	-----
Ciro	rothrockii (A. Gray) Petrak	carmine thistle	-----
Ciun	undulatum (Nutt.) Spreng.	wavyleaf thistle	
Citr	Cissus trifoliata L.	treebine	
Clrh	Clarkia rhomboidea Dougl.	polkadot clarkia	-----





Forbs List (continued)

CLAY	Claytonia		springbeauty	
	<u>chamissoi</u>	See Montia chamissoi		
Clla	<u>lanceolata</u>	Pursh	lanceleaf springbeauty	
	<u>perfoliata</u>	See Montia perfoliata		
	Clematis	See TREES AND SHRUBS LIST		
CLEO	Cleome		beeplant (spider flower)	spiderflower
Cllu	lutea	Hook.	yellow beeplant	yellow spiderflower
Clse	serrulata	Pursh	RockyMountain beeplant	bee spiderflower
Clob	Cleomella obtusifolia	Torr. & Frem.	Mohave stinkweed	-----
Clma	Clitoria mariana	L.	butterfly-pea	Atlantic pigeonwings
	Coldenia	See TREES AND SHRUBS LIST		
	<u>Coleosanthus</u>	See Brickellia under TREES AND SHRUBS LIST		
COLL	Collinsia		collinsia	
Copa-1	parviflora	Dougl.	little-flower collinsia	
	= <u>C. tenella</u>	(Pursh) Piper, NOT Benth.		
COLL-1	Collomia = <u>Gilia</u>	in part	-----	collomia %
Cogr	grandiflora	Dougl.	bigflower <u>gilia</u>	bigflower
	= <u>Gilia grandiflora</u>	(Dougl.) A. Gray		collomia %
Coli	linearis	Nutt.	slenderleaf <u>gilia</u>	slenderleaf
	= <u>Gilia linearis</u>	(Nutt.) A. Gray		collomia %
Copa-2	Comandra pallida	A. DC.	bastard toadflax	common comandra
	= <u>C. umbellata</u>	(L.) Nutt.	<u>NOTE</u> : Toadflax is accepted common name for <u>Linaria</u> .	
COMM	Commelina		dayflower	
	<u>crispa</u>	See C. erecta var. crispa		
Codi	dianthifolia	Delile	birdbill dayflower	
Coer	erecta	L.	erect dayflower	
Coerc	crispa	(Woot.) Palmer & Steyerm.	curlyleaf dayflower	
	= <u>C. crispa</u>	Woot.		

% Suggested common names.





Forbs List (continued)

CONI	Conioselinum	hemlockparsley	
Cosc	scopulorum (A. Gray) Coult. & Rose	hemlockparsley	RockyMountain hemlockparsley %
Coma-1	Conium maculatum L.	poisonhemlock	
Come-3	Conopholis mexicana A. Gray	squawroot	-----
CONV	Convolvulus	bindweed (glorybind)	glorybind
Coar-1	arvensis L.	field bindweed	European glorybind
Coin	incanus Vahl	climbing bindweed	Nebraska glorybind
Cose	sepium L.	hedge bindweed	hedge glorybind
CONY	Conyza	rayless-aster	
	<u>NOTE:</u> Conyza is conserved against Eschenbachia.		
CORA	Corallorrhiza	coralroot	
Coma-2	maculata Raf.	spotted coralroot	
Cost-2	striata Lindl.	hooded coralroot	
Cowi	wisteriana Conrad	Wister coralroot	
CORD	Cordylanthus = <u>Adenostegia</u>	birdbeak (clubflower)	birdbeak
Cora-2	ramosus Nutt.	brushy clubflower	bushy birdbeak
Cowr	wrightii A. Gray	plumeweed clubflower	Wright birdbeak
CORE	Coreopsis	tickseed	coreopsis
Coca-1	cardaminefolia (DC.) Torr. & Gray	cardamine tickseed	cardamine coreopsis
Codo	douglasii (DC.) H.M.Hall	Douglas tickseed	Douglas coreopsis
Coti	tinctoria Nutt.	plains tickseed	plains coreopsis
		<u>NOTE:</u> Tickseed is accepted common name for Corispermum.	
CORI	Corispermum	bugseed	tickseed
Cohy	hyssopifolium L.	hyssopleaf bugseed	hyssopleaf tickseed
Coni	nitidum Kit.	nits bugseed	-----

% Suggested common name.



Forbs List (continued)

CORY-1	Corydalis = <u>Capnoides</u>	corydalis	
Coau	aurea Willd.	golden corydalis	
Coauo	occidentalis Engelm.	mountain corydalis	
	= <u>C. montana</u> Engelm.		
COSM	Cosmos	cosmos	
CREP	Crepis	hawksbeard	
Crac	acuminata Nutt.	tapertip hawksbeard	
Crmo	modocensis Greene	Yellowstone hawksbeard	Modoc hawksbeard %
	= <u>C. scopulorum</u> Coville		
Croc	occidentalis Nutt.	western hawksbeard	
Crru	runcinata Torr. & Gray	dandelion hawksbeard	
	<u>scopulorum</u> See C. modocensis		
CROT-1	Crotalaria	rattlebox	crotalaria
Crpu	pumila Ortega	rusty rattlebox	low crotalaria
Crsa	sagittalis L.	yellow rattlebox	arrow crotalaria
		<u>NOTE</u> : Rattlebox is accepted common name for Daubentonia.	
CROT-2	Croton See also under TREES AND SHRUBS LIST	croton	
Crco	corymbulosus Engelm.	leatherweed croton	
Crte	texensis (Klotsch) Muell.	doveweed croton	Texas croton
CRYP	Cryptantha	hiddenflower	cryptantha
Cran	angustifolia (Torr.) Greene	desert hiddenflower	-----
Crgr	crassisejala (Torr. & Gray) Greene	plains hiddenflower	-----
Crhu	fulvocanescens (A. Gray) Payson	beggarlice hiddenflower	-----
Crja	jamesii (Torr.) Payson	James hiddenflower	James cryptantha
Crmi	micrantha (Torr.) Johnst.	desertnut	-----
	= <u>Eremocarya micrantha</u> (Torr.) Greene		
		<u>NOTE</u> : Desertnut is SPN common name for the genus Eremocarya.	
Crri	racemosa (S. Wats.) Greene	forgetmenot	forgetmenot
		hiddenflower	cryptantha
CUCU	Cucurbita		
Cufo	foetidissima H.B.K.	buffalogourd (calabazilla)	
Cupa	palmata S. Wats.	coyote-melon	-----

%Suggested common name.



Forbs List - (continued)

CUSC	Cuscuta	dodder	
Cuca	campestris Yuncker	legume dodder	-----
Cuco	coryli Engelm.	hazel dodder	
Cuin	indecora Choisy	bigseed dodder	bigseed alfalfa dodder
Cusa	salina Engelm.	saltmarsh dodder	
CYMO	Cymopterus	wafer-parsnip	
Cyfe-1	fendleri A. Gray	chimaya	
Cymu	multinervatus (Coult. & Rose)	Tidestrom: corkwing wafer- parsnip	----
Cyne	newberryi (S. Wats.) Jones	sweetroot wafer-parsnip	-----
Cypu	purpureus S. Wats.	purple wafer-parsnip	-----
CYPR	Cypripedium	lady slipper	
CYST	Cystopteris	bladderfern	
Cybu	bulbifera (L.) Bernh.	berry bladderfern	
Cyfr	fragilis (L.) Bernh.	brittle bladderfern	
DALE	Dalea = <u>Parosela</u> See also TREES AND SHRUBS	indigobush (pea-bush)	dalea
Daar	argyraea A. Gray	silver indigobush	silver dalea
Daau	aurea Nutt.	silktop indigobush	silktop dalea
Dafo	formosa Torr.	feather indigobush	feather dalea
Dafr	frutescens A. Gray	black indigobush	black dalea
Dana	nana Torr.	dwarf indigobush	dwarf dalea
Dapa-2	parryi Torr. & Gray	Parry indigobush	Parry dalea
Dapo	polygonoides A. Gray	sixweeks indigobush	sixweeks dalea
Dasc	scoparia A. Gray	broom indigobush	broom dalea
Dawr	wrightii A. Gray	Wright indigobush	Wright dalea
DATU	Datura	datura (thornapple)	
Dame	meteloides Dunal	sacred datura	
Daqu	quercifolia H.B.K.	oakleaf datura	
Dast	stramonium L.	jimsonweed	jimsonweed datura
DAUC	Daucus	carrot.	
Dapu	pusillus Michx.	carrot (wild carrot)	southwestern carrot
DELP	Delphinium	larkspur	
Deal	alpestre Rydb.	alpine larkspur	
Deam	amabile Tidestrom	lovely larkspur	
Dean-1	andesicola Ewan	----	-----
Deana	ssp. amplum Ewan = <u>D. sierrae-blancae</u> Woot., ssp. <u>amplum</u> Ewan		







Forbs List (continued)

	Delphinium (continued)		
Debi	bicolor Nutt.	little larkspur (purple larkspur)	
Dege	geraniifolium Rydb.	geranium larkspur	
Dene	nelsonii Greene		
	<u>forma</u> pinetorum (Tidestrom) Ewan	pine larkspur	
	= <u>D. pinetorum</u> Tidestrom		
	<u>pinetorum</u> See <u>D. nelsonii pinetorum</u>		
Desc-2	scaposum Greene	barestem larkspur	
Desc-1	scopulorum A. Gray	tall-mountain larkspur	
Desi	sierrae-blancae Woot.	White-mountain larkspur	
	ssp. <u>amplum</u> See <u>D. andesicola amplum</u>		
Devi-1	virescens Nutt.	plains larkspur	-----
DESC-1	Descurainia = <u>Sophia</u>	tansymustard	
	<u>incisa</u> See <u>D. richardsonii incisa</u>		
Depi	pinnata (Walt.) Britt.	pinnate tansymustard	
Deri	richardsonii (Sweet) Schulz, ssp. <u>incisa</u> (Engelm.) Detling		
	= <u>Sisymbrium incisum</u> Engelm. western tansymustard		
	= <u>Sophia incisa</u> (Engelm.) Greene		
Dese	serrata (Greene) Schulz	toothed tansymustard	
Deso	sophia (L.) Webb.	flixweed	flixweed tansymustard
DESM	Desmanthus	bundleflower	
Deco	cooleyi (Eaton) Trel.	James bundleflower	
	= <u>D. jamesii</u> Torr. & Gray		
Devi-2	virgatus (L.) Willd.	rayado bundleflower	
DESM-1	Desmodium - <u>Meibomia</u>	tickclover (beggarticks)	
Dean	angustifolium (H.B.K.) DC.	spikeleaf tickclover	narrowleaf tickclover grassleaf tickclover%
			<u>NOTE:</u> Beggarticks is accepted common name for Bidens.
Deba	batocaulon A. Gray	bat tickclover	----- bush tickclover %
			<u>NOTE:</u> The name <u>batocaulon</u> means bushy stem, not bat.
Deci	cinerascens A. Gray	-----	Sonora tickclover%
Degr	grahamii A. Gray	Graham tickclover	
Dene-1	neomexicanum A. Gray	New-Mexican tickclover	
Dero	rosei Schubert	Roses tickclover	
	= <u>D. neomexicanum</u> of authors, <u>NOTE:</u> Roses tickclover is named in honor of the late Dr. J.N. Rose.		
	NOT A. Gray		
Desp	spicatum Rehder	spike tickclover	-----
	= <u>D. cinerascens</u> Hutchins., NOT Franch., NOR A. Gray		
	<u>NOTE:</u> <u>Desmodium spicatum</u> is a Chinese species; its occurrence in our area is questionable.		



Forbs List (continued)

Dipu	Dichelostemma pulchellum (Salisb.) Heller = <u>Brodiaea congesta</u> J. E. Smith	bluedicks (grassnuts)	purplehead grassnuts
Dite	Diodia teres Walt.	buttonweed	rough buttonweed
Ditr	Disporum trachycarpum (S. Wats.) Benth.	fairybells	wartberry fairy- bells
Diwi	Dithyrea wislizenii Engelm.	spectacle-pod	Wislizenus spectacle-pod
DODE	Dodecatheon	shootingstar	
Doal	alpinum (A. Gray) Greene	alpine shootingstar	
Docu	cusickii Greene	Cusick shootingstar	
Dode	dentatum Hook.	dentate shootingstar	
Doel	ellisiae Standl.	Ellis shootingstar	-----
Doje	jeffreyi Van Houtte 1/	Jeffrey shootingstar	
Dopu	pulchellum (Raf.) Merr. = <u>D. pauciflorum</u> (Durand) Greene	darkthroat shootingstar	
Dora	radicatum Greene	southern shootingstar	
Dote	tetrandrum Suksd.	yellowring shootingstar	

Dolicholus See Rhynchosia

Dondia See Suaeda

DRAB	Draba	whitlowgrass (whitlowwort)	draba (whitlowwort)
Drau	aurea M. Vahl	golden whitlowgrass	golden draba
Drcr	crassifolia R. Grah.	hairy whitlowgrass	-----
Drne	nemorosa L.	woods whitlowgrass	woods draba
Drst	stenoloba Ledeb.		
Drstn	var. nana (Schulz) C.L.Hitchc. = <u>D. nitida</u> Greene	shiny whitlowgrass	shiny draba

DRAC	Dracocephalum	false-dragonhead	dragonhead
		NOTE: False-dragonhead is common name for Moldavica.	

DRYM	Drymaria	drymary	
Drfe	fendleri S. Wats.	Fendler drymary	-----
Drho	holosteoides Benth.	thickleaf drymary	Mexican drymary *
Drpa	pachyphylla Woot. & Standl.	poison drymary	thickleaf drymary*

\*NOTE: These two species may be synonymous, as Standardized Plant Names (p. 202) indicates.

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1/ Moore given as author in some manuals; original description not yet located.



Forbs List (continued)

	<u>Drymocallis</u>	See Potentilla		
DRYO	Dryopteris		shieldfern	woodfern
	Echinocactus	See "Shrubs"		
	Echinocereus	See "Shrubs"		
Eclo	Echinocystis lobata (Michx.) Torr. & Gray		mock-cucumber	Wild mock-cucumber
Ecwr	Echinopepon wrightii (A. Gray) S. Wats.		spincucumber	-----
Echy	Echinopsilon hyssopifolius (Pall.) Moq. = <u>Bassia hyssopifolia</u> (Pall.) Kuntze		smotherweed	fivehook bassia
	Ephedra	See "shrubs"		
EPIL	Epilobium		willowweed	
Epad	adenocaulon Hausskn.		sticky willowweed	
Epal	alpinum L.		alpine willowweed	
Epan	angustifolium L.		fireweed	
			("blooming-sally")	
Epbr	brevistylum Barbey		Sierra willowweed	
Epho	hornemannii Reichenb.		Hornemann willowweed	
Eppa	paniculatum Nutt.		autumn willowweed	
Epgi	Epipactis gigantea Dougl.		helleborine	stream epipactis
			<u>NOTE</u> : Giant helleborine is suggested	
			if helleborine preferred to epipactis.	
EQUI	Equisetum		horsetail	
Eqar:	arvense L.		field horsetail	
Eqhy	hyemale L.		scouring-rush	
Eqhye	elatum (Engelm.) Norton = <u>E. praealtum</u> Raf.		stout scouring-rush	
Eqla	laevigatum A. Braun		smooth horsetail	
	<u>praealtum</u> See E. hyemale elatum			
	<u>Eremocarya micrantha</u>	See Cryptantha micrantha		





Forbs List (continued)

ERIG	Erigeron	fleabane (wild-daisy)	
Erca-1	caespitosus Nutt.	tufted fleabane	
Erca-2	canadensis L.	horseweed fleabane	
	= <u>Conyza canadensis</u> (L.) Cronq.		
	= <u>Leptilon canadense</u> (L.) Britt.		
Erca-3	canus A. Gray	hoary fleabane	
Erco-1	compositus Pursh	fernleaf fleabane	
Erco-2	concinus (Hook. & Arn.) Torr. & Gray	hairy fleabane	
Erco-3	corymbosus Nutt.	purpledaisy fleabane	
Erco-4	coulteri Porter	Coulter fleabane	
Erdi-2	divergens Torr. & Gray	spreading fleabane	
Erea	eatonii A. Gray	Eaton fleabane	
Erf1-1	flagellaris A. Gray	trailing fleabane	
Erfo	formosissimus Greene		
Erfov	viscidus (Rydb.) Cronquist	viscid fleabane	
	= <u>E. viscidus</u> Rydb.		
Erg1	glabellus Nutt.	smooth fleabane	
Erlo	lonchophyllus Hook.	spearleaf fleabane	
Erma	macranthus Nutt.	aspen fleabane	
	= <u>E. speciosus</u> var. <u>macranthus</u> (Nutt.) Cronq.		
Ernu-1	nudiflorus Buckl.	sprawling fleabane	
Erpu-1	pulchellus Michx.	plaintain fleabane	poor-robins-plaintain
Erpu-2	pumilus Nutt.	low fleabane	
Ersa	salsuginosus (Richards.) A. Gray	aster fleabane	
Ersp	speciosus (Lindl.) DC.	Oregon fleabane	
Ersu	subtrinervis Rydb.	three-nerve fleabane	
Ertr-2	trifidus Hook.	trifid fleabane	
Erur	ursinus D. C. Eaton	bear fleabane	BearRiver fleabane
	<u>viscidus</u> See <u>E. formosissimus</u>	viscidus	
ERIO-1	Eriogonum	buckwheat (sulfur flowers)	erogonum
		<u>NOTE:</u> Buckwheat is the officially accepted common name for Fagopyron; if the use of buckwheat is especially desired in the common name for Eriogonum, wildbuckwheat is suggested to indicate the plant is not a true buckwheat.	
Eral	alatum Torr.	winged buckwheat	wing eriogonum
Eran-1	annuum Nutt.	annual buckwheat	annual eriogonum
Erar	aridum Greene	dryland buckwheat	dryland eriogonum
Erca-4	caespitosum Nutt.	mat buckwheat	mat eriogonum
Erce	cernuum Nutt.	nodding buckwheat	nodding eriogonum
Erch	chrysocephalum A. Gray	goldball buckwheat	goldball eriogonum
Erfa	fasciculatum Benth.		flattop eriogonum
Erfap	var. polifolium (Benth.) Torr. & Gray	rosemary buckwheat	rosemary erogonum
	= <u>E. polifolium</u> Benth.		





Forbs List (continued)

	Eriogonum (continued)	buckwheat	erogonum
Erfl-2	flavum Nutt.	yellow buckwheat	yellow eriogonum
Erhi	hieracifolium Benth.	Wyeth buckwheat	-----
Erin-2	inflatum Torr. & Frem.	deserttrumpet buckwheat	deserttrumpet eriogonum
Erja	jamesii Benth.	antelope-sage buckwheat bush	James eriogonum
Ermi	microthecum Nutt.	slender/buckwheat	slenderbush eriogonum
Ernu-2	nudum Benth.	barestem buckwheat	barestem eriogonum
Erov	ovalifolium Nutt.	cushion buckwheat	cushion eriogonum
Erph	pharnaceoides Torr.	wirestem buckwheat	wirestem eriogonum
Erpi-1	piperi Greene	Piper buckwheat	Piper eriogonum
	polifolium See E. fasciculatum	polifolium	
Erpo	polycladon Benth.	sorrel buckwheat	sorrel eriogonum
Erra	racemosum Nutt.	redroot buckwheat	redroot eriogonum
Erst	stellatum Benth.	longray buckwheat	longray eriogonum
Ersu-1	subalpinum Greene	subalpine buckwheat	subalpine eriogonum
Ertr-3	tripodum Greene	Lake buckwheat	Lake eriogonum (tripod eriogonum)
Erum	umbellatum Torr.	sulfur buckwheat	sulfur eriogonum
Ervi	vimineum Dougl.	broom buckwheat	broom eriogonum
Erwr	wrightii Torr.	Wright buckwheat	Wright eriogonum
ERIO-2	Eriophyllum	woollydaisy	erriophyllum
Erco-5	confertiflorum (DC.) A. Gray	goldenyellow woollydaisy	goldenyellow eriophyllum
EROD	Erodium	heronbill	
Erci-1	cicutarium (L.) L'Her.	filaree (alfileria) (heronsbill) (Pinclover)	alfileria
Erte	texanum A. Gray	Texas heronbill	



Forbs List (continued)

ERYS	Erysimum	wallflower	erysimum
	= <u>Cheirinia</u>	<u>NOTE:</u> Wallflower is accepted common	
	= <u>Cheiranthus</u> , in part only	name only for species properly	
		referable to Cheiranthus.	
Eras	asperum (Nutt.) DC.	plains wallflower	plains erysimum
Erca-5	capitatum (Dougl.) Greene	western wallflower	coast erysimum
	= <u>E. elatum</u> Nutt.		
Erch-3	cheiranthoides L.	treacle wallflower	treacle erysimum
	<u>elatum</u> See E. capitatum		
Eroc	occidentale (S. Wats.) Robins.	low wallflower	low erysimum
	= <u>E. pumilum</u> Nutt., NOT DC.		
	<u>pumilum</u> See E. occidentale		
Erre	repandum L.	spreading wallflower	spreading erysimum
ERYT-1	Erythronium	dogtooth-violet (fawnlily)	fawnlily
	<u>Eschenbachia</u> See Conyza		
ESCH	Eschscholtzia	goldpoppy	
Esca	californica Cham.	California-poppy	
Esgl	glyptosperma Greene	desert goldpoppy	
Esme	mexicana Greene	Mexican goldpoppy	
Esmi	minutiflora S. Wats.	little goldpoppy	
EUPA	Eupatorium	thoroughwort	eupatorium
Eubr	bruneri A. Gray	joe-pye-weed	Bruner joe-pye-weed
Euhe-2	herbaceum (A. Gray) Greene	white thoroughwort	-----
	= <u>E. arizonicum</u> (A. Gray) Greene		
Euma-2	maculatum L.	spotted joe-pye-weed	
Euwr	wrightii A. Gray	spreading thoroughwort	-----
EUPH	Euphorbia	spurge	euphorbia
	= <u>Chamaesyce</u>	<u>NOTE:</u> Spurge is widely used as the	
	= <u>Dichrophyllum</u>	common name for the whole family	
	= <u>Poinsettia</u>	of Euphorbiaceae and is not	
	= <u>Tithymalus</u>	distinctive for any one genus of	
	= <u>Zygophyllum</u>	the family.	
Eual	albomarginata Torr. & Gray	rattlesnake-weed	whitemargin euphorbia
Euca	capitellata Engelm.	head spurge	head euphorbia
Eude	dentata Michx.	toothed poinsettia	toothed euphorbia
Eugl	glyptosperma Engelm.	ridgeseed spurge	ridgeseed euphorbia
Euhe-1	heterophylla L.	painted spurge	painted euphorbia
Eula-2	lathyrus L.	caper spurge	caper euphorbia
	Note: -us is original spelling (moleweed)		(moleplant; moleweed)





Forbs List (Continued)

	Euphorbia (continued)	spurge	euphorbia
Euma-1	marginata Pursh	snow-on-the-mountain	snow-on-the-mountain euphorbia
Eupe	peplus L.	petty spurge	petty euphorbia
Eupu	pulcherrima Willd.	poinsettia	common poinsettia
Euro	robusta (Engelm.) Small	robust spurge	robust euphorbia
Euse-1	serpens H.B.K.	serpent spurge	serpent euphorbia
Euse-2	serpyllifolia Pers.	thymeleaf spurge	thymeleaf euphorbia
Euse-3	setiloba Engelm.	Yuma spurge	Yuma euphorbia
<u>Euploca convolvulacea</u> See Heliotropium convolvulaceum			
FLOE	Floerkea	false-mermaid	
FRAG	Fragaria	strawberry	
Frbr	bracteata Heller	bracted strawberry	
Frov	ovalis (Lehm.) Rydb.	wild strawberry	-----
FRAN	Franseria = <u>Gaertneria</u>	bur-sage	
Frdu	dumosa A. Gray	white bur-sage	
Frer	eriocentra A. Gray	woolly bur-sage	
Fril	ilicifolia A. Gray	hollyleaf bur-sage	
Frte	tenuifolia Harv. & A. Gray	slimleaf bur-sage	
Frto	tomentosa A. Gray	woolleaf bur-sage	woollyleaf bur-sage
<u>Frasera</u> See Swertia			
FRIT	Fritillaria	fritillary	
Frat	atropurpurea Nutt.	purplespot fritillary	
Frpu	pudica (Pursh) Spreng.	yellow fritillary	
FROE	Froelichia	snakecotton	----
<u>Funastrum</u> See Philibertia			
<u>Gaertneria</u> See Franseria			
GAIL	Gaillardia	blanketflower	gailarida
Gapi	pinnatifida Torr.	blanketflower	-----
Gapu	pulchella Foug.	firewheel (rose-ring)	rose-ring gaillardia





Fortes: List (continued)

GALA	Galactia		milkpea	
Gawr-1	wrightii A. Gray		milkpea	Wright milkpea
GALI	Galium		bedstraw	
Gaap	aparine L.		goosegrass bedstraw	catchweed bedstraw
Gabo	boreale L.		northern bedstraw	
Gatr-1	trifidum L.		small bedstraw	
Gatr-2	triflorum Michx.		sweetscented bedstraw	
GAUR	Gaura		gaura (little-primrose)	
Gaco	coccinea Nutt.		scarlet gaura	
GAYO	Gayophytum		groundsmoke	
GENT	Gentiana		gentian	
Geaf	affinis Griseb.		pleated gentian	RockyMountain pleated gentian
Gebi	bigelovii A. Gray		Bigelow gentian	
Gegr	grandis (A. Gray) Holm		fringed gentian	Arizona fringed gentian %
Gesc	scopulorum Greene		RockyMountain gentian	
Geth	thermalis Kuntze		Colorado fringed gentian	RockyMountain fringed gentian
GERA	Geranium		geranium (cranesbill)	geranium
Geca	caespitosum James		purple geranium	-----
Gefr	fremontii Torr.		Fremont geranium	
Geri	richardsonii Fisch. & Trautv.		Richardson geranium	
Gevi	viscosissimum Fisch. & Mey.		sticky geranium (wild geranium)	
GEUM	Geum = <u>Sieversia</u>		avens	
Geci	ciliatum Pursh		grandfathersbeard	prairiesmoke avens %
	= <u>Sieversia ciliata</u> (Pursh) G. Don			
Gema	macrophyllum Willd.			largeleaf avens
	= <u>G. oregonense</u> (Scheutz) Rydb.		Oregon avens	
Gest	strictum Ait.		yellow avens	

% Suggested common name



Forbes List (continued)

GILI	Gilia	See also Collomia, Linanthus, Navarretia	gilia	
Giac		achilleaefolia Benth.	yellow gilia	
Giag		aggregata (Pursh) Spreng.	skyrocket gilia	
		<u>androsacea</u> See Linanthus androsaceus		
Gica		capillaris Kellogg	hairstem gilia	
Gico		congesta Hook.	ballhead gilia	
		<u>grandiflora</u> See Collomia grandiflora		
Gigr		greeneana Woot. & Standl.	Greenes gilia	
		= <u>Callisteris collina</u> Greene, NOT Eastw.		
		= <u>Gilia attenuata collina</u> (Greene) Cockerell		
		<u>intertexta</u> See Navarretia intertexta		
		<u>linearis</u> See Collomia linearis		
Gimu		multiflora Nutt.	woody gilia	-----
Giri		rigidula Benth.	blue gilia	-----
Gisi		sinuata Dougl.	shy gilia	-----
GLYC-1	Glycyrrhiza		licorice	
Glle	lepidota Pursh		licorice	American licorice
GNAP	Gnaphalium		cudweed	
Gnch	chilense Spreng.		cottonbatting	cottonbatting cudweed
Gmpu	purpureum L.		fragrant cudweed	purple cudweed
			<u>NOTE:</u> Fragrant cudweed is SPN	
			common name for Gnaphalium	
			obtusifolium.	
GOMP	Gomphrena		globe-amaranth	
Goca	caespitosa Torr.		ballclover	-----
Goso	sonorae Torr.		lanceleaf globe-amaranth	-----
GONO	Gonolobus		anglepod	-----
Gopr	productus Torr.		milkvine	-----
		= <u>Vincetoxicum productum</u> (Torr.) Vail		



Forbs List (Continued)

GOOD	Goodyera	rattlesnake-plantain	
Goob	oblongifolia Raf.	western rattlesnake-plantain	
	= <u>G. decipiens</u> (Hook.) F.T. Hubbard		
	= <u>Epipactis decipiens</u> (Hook.) Ames		
	= <u>Peramium decipiens</u> (Hook.) Piper		
Gore	repens (L.) R. Br.	creeping rattlesnake-plantain	
	= <u>Epipactis repens</u> (L.) Grantz		
	= <u>Peramium repens</u> (L.) Salisb		
GRIN	Grindelia	gumweed	
Grar	arizonica A. Gray	Arizona gumweed	-----
Grsq	squarrosa (Pursh) Dunal	curlycup gumweed	
	Gutierrezia	See "Shrubs"	
GYM	Gymnocarpium	oakfern	-----
	NOTE:	Oakfern is the SPN common name for <u>Dryopteris disjuncta</u> (Rupr.) Morton, which is now regarded (p. 46, Kearney & Peebles Fl. Ariz.) as a synonym of <u>Gymnocarpium dryopteris</u> (L.) Newm.	
	<u>Gymnolomia</u>	See Viguiera	
HABE	Habenaria	bog-orchid	habenaria
HALE	Halenia	spur-gentian	
Hare	recurva (J.E. Smith) Allen	spur-gentian	-----
	= <u>H. rothrockii</u> A. Gray		
	= <u>Swertia recurva</u> J.E. Smith		
Hacr	Haplophyton crooksii L. Benson	cockroach-plant	
	= <u>H. cunicidum</u> of some authors, NOT A. DC. which is a Mexican and Guatemalan species.		
HEDE	Hedeoma	mock-pennyroyal	false-pennyroyal
HELE	Helenium	sneezeweed	
Heho	hoopesii A. Gray	orange sneezeweed	
Hete	tenuifolium Nutt.	bitter sneezeweed	
HELI-2	Helianthella	wood-sunflower	



Forbs List (Continued)

HELI-1	Helianthus	sunflower	
Hean	annuus L.	Kansas sunflower	common sunflower
Heci	ciliaris DC.	blueweed sunflower	-----
Hepe	petiolaris Nutt.	prairie sunflower	
HELI-4	Heliopsis	oxeye	heliopsis
		NOTE: Oxeye is the SPN common name for the genus Bupthalmum.	
Hepa	parvifolia A. Gray	oxeye	-----
HELI-3	Heliotropium	heliotrope	
Heco-2	convolvulaceum (Nutt.) A. Gray	bindweed	( bindweed
	= <u>Euploca convolvulacea</u> Nutt.		( heliotrope
Hecu	curassavicum L.	salt heliotrope (quail-plant)	
Hela	Heracleum lanatum Michx.	cowparsnip	common cowparsnip
HETE	Heterotheca	telegraph-plant	-----
Hesu	subaxillaris (Lam.) Britt.	camphor-weed	-----
HEUC	Heuchera	alumroot	
Hesa	sanguinea Engelm.	coralbell	
Heve	versicolor Greene	painted alumroot	-----
HIER	Hieracium	hawkweed	
Hivu	Hippuris vulgaris L.	marestail	
Hode	Hoffmannseggia densiflora Benth.	hogpotato	indian rushpea
HUMU	Humulus	hop	
Huam	americanus Nutt.	hop	-----
HYDR	Hydrophyllum	waterleaf	
Hycu	capitatum Dougl.	bluebell waterleaf	ballhead waterleaf
Hycu	occidentale (S. Wats.) A. Gray	western squawlettuce	western waterleaf





Forbs List (continued)

HYME-2	Hymenopappus	white-ragweed	hymenopappus
HYME-1	Hymenoxys	hymenoxys	
	= <u>Actinea</u>		
Hyac	acaulis (Pursh) K.F. Parker	stemless hymenoxys	
	= <u>Actinea acaulis</u> (Pursh) Spreng		stemless actinea
Hybi	bigelovii (A.Gray) K.F. Parker	Bigelow hymenoxys	
	= <u>Actinea bigelovii</u> (A. Gray) Kuntze		Bigelow actinea
Hybr	brandegei (Porter) K.F. Parker	Brandegee hymenoxys	
	= <u>Actinea brandegei</u> (Porter) Kuntze		Brandegee actinea
Hyod	odorata DC.	bitterweed hymenoxys	
	= <u>Actinea odorata</u> (DC.) Kuntze		bitterweed actinea
Hyri	richardsonii (Hook.) Cockerell	pingue (Colorado rubberweed) (rubberweed)	
	= <u>Actinea richardsonii</u> (Hook.) Kuntze		pingue actinea (Colorado rubberweed)
HYOS	Hycoscyamus	henbane	
Hyni	niger L.	black henbane	
HYPE	Hypericum	St. Johnswort	
Hyan	anagalloides Cham. & Schlecht.	trailing St. Johnswort	
Hyfo	formosum H.B.K.	southwestern St. Johnswort	
	<u>Hypopitys</u> See Monotropa		
Ilgr	Iliamna grandiflora (Rydb.) Wiggins	wildhollyhock	
	= <u>Sphaeralcea grandiflora</u> Rydb.		-----
IPOM	Ipomoea = <u>Quamoclit</u>	morningglory	
IpcO	coccinea L.	redstar morningglory	scarlet star-
	= <u>Quamoclit coccinea</u> (L.) Moench		glory
Iple	leptotoma Torr.	pinktrumpet morningglory	-----



Forbs List (continued)

	Ipomoea (continued)	morningglory	
Iplo	longifolia Benth.	pinkthroated morningglory	-----
Ipth	thurberi A. Gray	purple morningglory	-----
Irhe	Iresine heterophylla Standl.	bloodleaf	-----
Irmi	Iris missouriensis Nutt.	flag (fleur-de-lis)	Rocky Mountain iris
Isbr	Isanthus brachiatus (L.) B.S.P. = <u>Trichostema brachiatum</u> L.	bluecurls	fluxweed
Iva	Iva	marsh-elder	sumpweed
Ivax	axillaris Pursh	poverty marsh-elder	poverty sumpweed
Ivxa	xanthifolia Nutt.	rag marsh-elder	rag sumpweed
Jure	Jussiaea repens L.	yellowwaterweed	creeping water-primrose
		<u>NOTE:</u> Waterweed is accepted common name for Anacharis.	
Kagr	Kallstroemia grandiflora Torr.	Arizona-poppy	Arizona-poppy caltrop %
KOCH	Kochia	mock-cypress	summer- cypress
Koam	americana S. Wats.	greenmolly (redsage)	greenmolly summer- cypress
Koamv	vestita S. Wats.	hairy greenmolly	gray summer-cypress
Kosc	= <u>K. vestita</u> (S.Wats.) Rydb. scoparia (L.) Schrad.	summer-cypress	Belvedere summer-cypress
KRIG	Krigia	dwarf-dandelion	
Krbi	biflora (Walt.) Blake	dwarf-dandelion	-----

% Suggested common name









Forbs List (continued)

Lipu	<i>Liatris punctata</i> Hook.	blazing-star	dotted gayfeather
	= <u><i>Lacinaria punctata</i></u> (Hook.) Kuntze		
		NOTE: Blazing-star is accepted common name for <i>Mentzelia</i> .	
Lipo	<i>Ligusticum porteri</i> Coult. & Rose	loveroot (chuchupate)	Porter ligusticum
LILI	<i>Lilium</i>	lily	
Lipa	<i>parryi</i> S. Wats	lemon lily	Parry lily
Lium	<i>umbellatum</i> Pursh	orangecup lily	western orange- cup lily
LINA-1	<i>Linanthus</i> = <u><i>Gilia</i></u> , in part		
Lian	<i>androsaceus</i> (Steud.) Greene	trumpet <i>gilia</i>	
	= <u><i>Gilia androsacea</i></u> Steud.		
Liau	<i>aureus</i> (Nutt.) Greene	yellow trumpet	
	= <u><i>Gilia aurea</i></u> Nutt.		yellow <i>gilia</i>
Libi	<i>bigelovii</i> (A. Gray) Greene	painted trumpet	-----
	= <u><i>Gilia bigelovii</i></u> A. Gray		
Lide	<i>demissus</i> (A. Gray) Greene	bell trumpet	-----
	= <u><i>Gilia demissa</i></u> A. Gray		
Lidi	<i>dichotomus</i> Benth.	evening-snow	evening-snow
	= <u><i>Gilia dichotoma</i></u> Benth.		<i>gilia</i>
LINA-2	<i>Linaria</i>	toadflax	
Lica	<i>canadensis</i> (L.) Du Mont	bigflower toadflax	oldfield toadflax
Livu	<i>vulgaris</i> Mill.	butter-and-eggs	butter-and-eggs toadflax
Libo	<i>Linnaea borealis</i> L.	twinflower	
Liboa	<i>americana</i> (Forbes) Rehder	-----	American twinflower
LINU	<i>Linum</i>	flax	
Lico	<i>Listera convallarioides</i> (Swartz) Nutt.	twayblade	-----
		NOTE: Twayblade is the SPN common name for the genus <i>Liparis</i>	
LITH-1	<i>Lithophragma</i>	woodland-star	
Lite	<i>tenella</i> Nutt.	slender woodland-star	



Forbs List (continued)

LITH-2	Lithospermum	stoneseed (gromwell)	gromwell
LOBE	Lobelia	lobelia	
Loan	anatina E. Wimm. = <u>L. gruina</u> of U.S. authors, NOT Cav.	bluebell lobelia	-----
Loca	cardinalis L.	cardinalflower	
Locag	<u>ssp. graminea</u> (Lam.) McVaugh = <u>L. splendens</u> of authors, NOT Willd. <u>gruina</u> See Lobelia anatina <u>splendens</u> See L. cardinalis graminea	western cardinalflower	-----
LOMA	Lomatium	biscuitroot (Indianroot) <u>NOTE</u> : Biscuitroot is used for species with bulblike edible corms; lomatium is used for those with taproots.	lomatium
LOTU	Lotus	deervetch (deerclover)	deervetch
Loco	corniculatus L.	birdsfoot deervetch	
Lopu	purshianus (Benth.) Clements & Clements	Spanish-clover	-----
Lori	rigidus (Benth.) Greene	desert deervetch	shrubby deervetch
Lowr	wrightii (A. Gray) Greene	red-and-yellow-pea	Wright deervetch
LUPI	Lupinus	lupine (wild-pea, blue-pea, blue-bean)	lupine
Luar-1	argenteus Pursh	silvery lupine	
Luar-2	arizonicus S. Wats. <u>barbiger</u> See L. sericeus	Arizona lupine	
Lubr	brevicaulis S. Wats	shortstem lupine	
Luco	concinus Agardh	bajada lupine	
Luhi	hillii Greene	Hills lupine <u>NOTE</u> : Named in honor of Mr. Robert Hill of U.S. Forest Service, who collected the type specimen on the Coconino N.F. in 1911.	
Luod	odoratus Heller	Mohave lupine	
Lupa-2	palmeri S. Wats.	Palmer lupine	



Forbs List (continued)

	Lupinus (continued)		lupine (wild-pea, blue-pea, blue-bean)	lupine
Lupu	pusillus Pursh		rusty lupine	
Luru	rubens Rydb.		yelloweye lupine	
Luse	sericeus Pursh		silky lupine	
	= <u>L. barbiger</u> S. Wats.			
Lush	shockleyi S. Wats.		desert lupine	
Lusp	sparsiflorus Benth.		Coulter lupine	
Lusu	succulentus Dougl.		arroya lupine	
Lydr	Lychnis drummondii (Hook.) S. Wats.	campion		Drummond campion
LYCO	Lycopus		bugleweed	
Lylu	lucidus Turcz.		bugleweed	-----
LYGO	Lygodesmia		skeletonplant	
Lysp	spinosa Nutt.		thorn skeletonplant	
LYSI-1	Lysimachia		loosestrife	
Lyci	ciliata L.		fringed loosestrife	
	= <u>Steironema ciliatum</u> (L.) Raf.			fringed steironema
Mavi	Macromeria viridiflora DC.	marbleseed		-----
	= <u>M. thurberi</u> (A. Gray) Mack.			
	= <u>Onosmodium thurberi</u> A. Gray			
MADI	Madia		tarweed	
Magl-1	glomerata Hook.		cluster tarweed	
MALA	Malacothrix		-----	-----
Maco	coulteri A. Gray		snakes-head	-----
Magl-2	glabrata A. Gray		desertdandelion	-----





Forbs List (continued)

MALV	Malva	mallow	
Mane	neglecta Wallr.	running mallow	-----
	= <u>M. rotundifolia</u> of authors, NOT L.		
Mapa	parviflora L.	little mallow	
	<u>pedata</u> See Callirhoe leiocarpa		
	Mammillaria See TREES AND SHRUBS LIST		
Magi	Marah gilensis Greene	bigroot	
	= <u>Megarrhiza gilensis</u> Greene		
Mavu	Marrubium vulgare L.	hcarhound	
Mamu	Marsilea mucronata A. Br.	pepperwort (waterfern)	pepperwort
	<u>Martynia</u> See Proboscidea		
MATR	Matricaria	mayweed (false-camomile)	mayweed
Mama-1	matricarioides (Less.) Porter	pineappleweed	
Maan	Maurandia antirrhiniflora Humb. & Bonpl.	false-snapdragon	-----
	= <u>Antirrhinum maurandioides</u> A. Gray		
MEDI	Medicago	medick	medic
Nehi	hispidia Gaertn.	bur-clover medick	California bur-clover
Melu	lupulina L.	black medick	black medic
Mesa	sativa L.	alfalfa	
	<u>Meibomia</u> See Desmodium		
MELA	Melampodium	blackfoot	
Mele	leucanthum Torr. & Gray	plains blackfoot	
	<u>NOTE</u> : Melampodium leucanthum is referred to synonymy under the older Melampodium cinereum DC., by some authors.		
MELI-2	Melilotus	sweetclover	
Meal-1	alba Desr.	white sweetclover	
Mein	indica (L.) All.	sourclover (annual yellow)	annual yellow sweetclover
Meof	officinalis (L.) Lam.	yellow sweetclover	
	Menodora See "Shrubs"		



Forbs List (continued)

MENT-2	Mentha	mint	
Mepi	piperita L.	peppermint	
Mesp-1	spicata L.	spearmint	
MENT-1	Mentzelia	blazing-star	mentzelia
Meal-2	albicaulis Dougl.	(stickleaf) whitestem blazing-star	whitestem mentzelia
Mepu	pumila (Nutt.) Torr. & Gray	golden blazing-star	-----
Meru	rusbyi Wooton	creamy glazing-star	-----
MERT	Mertensia	bluebells	
Mibi-1	Milla biflora Cav.	Mexican-star	
MIMU	Mimulus	monkeyflower	
Mica	cardinalis Dougl.	crimson monkey flower	
Migu	guttatus DC.	yellow monkeyflower	common monkeyflower
Mipr	primuloides Benth.	primrose monkeyflower	
MIRA	Mirabilis	four-o'clock	
Mibi-2	bigelovii A. Gray	weakstem four-o'clock	-----
Milo	longiflora L.	longneck four-o'clock	sweet four- o'clock
Mimu	multiflora (Torr.) A. Gray = <u>Quamoclidion</u> <u>multiflorum</u> Torr.	wild four-o'clock	Colorado four-o'clock
MOLD	Moldavica	dragonhead	false-dragonhead
Mopa	parviflora (Nutt.) Britt. = <u>Dracocephalum</u> <u>parviflorum</u> Nutt.	dragonhead	American false- dragonhead
Move	Mollugo verticillata L.	carpetweed (Indian-chickweed)	
MONA	Monarda	beebalm (horsemint)	
Mome	menthaefolia Graham	mintleaf beebalm	
Mope-2	pectinata Nutt.	pony beebalm	
Monu	Monolepis nuttalliana (Schult.) Greene	patata (patota)	Nuttall monolepis



Forbs List (continued)

Mola	Monotropa latisquama (Rydb.) Hulten = <u>Hypopitys latisquama</u> Rydb.	pinemap (Indianpipe)	Indianpipe
MONT	Montia = <u>Claytonia</u> , in part	-----	Indianlettuce
Moch	chamissoi (Ledeb.) Durand & Jackson = <u>Claytonia chamissoi</u> Ledeb.	water spring- beauty	water Indian- lettuce %
Mope-1	perfoliata (Donn) Howell = <u>Claytonia perfoliata</u> Donn	minerslettuce	
MYOS-2	Myosotis	forgetmenot	
MYOS-1	Myosurus	mousetail	
Mymi	minimus L.	tiny mousetail	
Nama	Najas marina L.	naiad	spiny naiad
NAVA	Navarretia = <u>Gilia</u> , in part		
Nain	intertexta (Benth.) Hook. = <u>Gilia intertexta</u> (Benth.) Steud.	woolly gilia	----- woolly navarretia %
Neca	Nepeta cataria L.	catnip	
NICO	Nicotiana See also "Shrubs"	tobacco	
Niat	attenuata Torr.	coyote tobacco	
Nitr	trigonophylla Dunal	desert tobacco	
	Nolina See TREES AND SHRUBS LIST		

% Suggested common name





Forbs List (continued)

OENO	Oenothera	= <u>Lavauxia</u>	evening-primrose; sundrops	evening- primrose; sundrops
Oebr	brevipes	A. Gray	golden evening-primrose	
Oeca-1	caespitosa	Nutt.	tufted evening-primrose	
Oeca-2	cardiophylla	Torr.	heartleaf evening-primrose	
Oecl	clavaeformis	Torr. & Frém.	brown-eyed evening-primrose	
Oefl	flava	(A. Nels.) Garrett	yellow evening-primrose	
Oeho	hookeri	Torr. & Gray	Hooker evening-primrose	
Oela-1	laciniata	Hill	cutleaf evening-primrose	
Oela-2	lavandulaefolia	Torr. & Gray	lavenderleaf evening-primrose	
Oepa	pallida	Lindl.	pale evening-primrose	
Oero	rosea	Ait.	rose sundrops	
Oeta	taraxacoides	(Woot. & Standl.) Munz	dandelion sundrops	-----
		= <u>Lavauxia taraxacoides</u>	Woot. & Standl.	
	<u>Onosmodium thurberi</u>	See <u>Macromeria viridiflora</u>		
OPHI	Ophioglossum		adderstongue	
OROB	Orobanche		broomrape (cancerroot)	broomrape
ORTH	Orthocarpus		owlclover	
Orlu	luteus	Nutt.	yellow owlclover	
Orpu-1	purpurascens	Benth.	escobita owlclover	
Orpu-2	purpureo-albus	A. Gray	purplewhite owlclover	
OSMO	Osmorhiza		sweetroot	
Osob	obtusa	(Coult. & Rose) Fern.	bluntseed sweetroot	
OXAL	Oxalis		woodsorrel (sheepsour)	oxalis
Oxfe	Oxypolis fendleri	(A. Gray) A. Heller	cowbane	Fendler cowbane
Oxdi	Oxyria digyna	(L.) Hill	mountain-sorrel	alpine mountain- sorrel
OXYT	Oxytropis		crazyweed (white loco)	
Oxla	lambertii	Pursh	Lambert crazyweed	
Oxor	oreophila	A. Gray	silver crazyweed	-----



Forbs List (continued)

PANA	Panax	ginseng	
PARI	Parietaria	pellitory	
Papa	Parnassia parviflora DC.	grass-of-pannassus	smallflower pannassia
Paja	Paronychia jamesii Torr. & Gray	nailwort	James nailwort
	<u>Parosela</u> See Dalea		
Pasa	Pastinaca sativa L.	parsnip	garden parsnip
PECT-1	Pectis	fetidmarigold	pectis
Pefi	filipes Harv. & Gray	threadstem	threadstem
		fetidmarigold	pectis
Pepa-1	papposa Harv. & Gray	chinchweed	-----
PECT-2	Pectocarya	combseed	
PEDI	Pedicularis	woodbetony (fernleaf)	pedicularis
Pegr-1	groenlandica Retz.	elephanthead	elephanthead pedicularis
PELL	Pellaea	cliffbrake	
PENS	Penstemon See also "Shrubs"	penstemon (beard tongue)	penstemon
Peam	ambiguus Torr.	gilia penstemon	
Pean-1	angustifolius Nutt.	narrowleaf penstemon	
Peba	barbatus (Cav.) Roth	beardlip penstemon	
Pebr	bridgesii A. Gray	Bridges penstemon	
Peca-2	caespitosus Nutt.	mat penstemon	
Peco	comarrhenus A. Gray	dusty penstemon	
Pela	laevis Pennell	royal penstemon	
		<u>NOTE:</u> Royal penstemon is the SPN common name for Penstemon speciosus Dougl.; some authors regard <u>P. laevis</u> as a synonym of <u>P. speciosus</u> .	
Peli	linarioides A. Gray	toadflax penstemon	
Peol	oliganthus Woot. & Standl.	Wooton penstemon	
Pepa-2	pachyphyllus A. Gray	thickleaf penstemon	
Peps	pseudospectabilis Jones	desert penstemon	
Pest	strictus Benth.	RockyMountain penstemon	
Pesu-1	subulatus Jones	scarletbugler penstemon	-----
		<u>NOTE:</u> Scarletbugler penstemon is the SPN common name for <u>P. centran-</u> <u>thifolius</u> , a California coastal species. Scarlettube penstemon is suggested for this Arizona species.	



Forbs (continued)

	Penstemon (continued)	penstemon	
Pesu-2	superbus A. Nels.	Santa Rita penstemon	
Peut	utahensis Eastw.	Utah penstemon	
Pevi	virgatus A. Gray	wandbloom penstemon	
	<u>Peramium</u> See Goodyera		
PERE	Perezia		perezia
Pena	nana A. Gray	desertholly	-----
Pega	Perideridia gairdneri (Hook. & Arn.) Mathias = <u>Carum gairdneri</u> (Hook. & Arn.) A. Gray	wildcaraway	yampa
PETA	Petalostemon = <u>Petalostemum</u> prairieclover <u>NOTE</u> ; Petalostemon is conserved against <u>Petalostemum</u> .		
Peca-1	candidus (Willd.) Michx.	white prairieclover	
Pecao	oligophyllus (Torr.) Hermann	slender white prairieclover	
	<u>NOTE</u> : Plants of our area more properly referable to this variety.		
Pefl	flavescens S. Wats.	yellow prairieclover	
Pepu	purpureus (Vent.) Rydb.	purple prairieclover	
Pepa-3	Petunia parviflora Juss.	petunia	<u>NOTE</u> : mat petunia is suggested as common name for this species.
PHAC	Phacelia	phacelia (caterpillar-weed)	phacelia
Phca-2	campanularia A. Gray	harebell phacelia	
Phhe	heterophylla Pursh	varileaf phacelia	
Phmi-1	minor (Harv.) Thell.	bluebell phacelia	
Phra	ramosissima Dougl.	branching phacelia	
Phse	sericea (Graham) A. Gray	silky phacelia	
Phta	tanacetifolia Benth.	tansy phacelia	
PHAS	Phaseolus	bean	
Phac	acutifolius A. Gray	tepary bean	Texas bean
Phacl	latifolius Freeman	-----	tepary bean
Phan	angustissimus A. Gray	slimleaf bean	
Phme	metcalfei Woot. & Standl. - <u>P. retusus</u> Benth., NOT	Metcalf bean Moench	
	<u>retusus</u> See P. metcalfei		





Forbs List (continued)

PHIL-1	Philibertia = Funastrum	milkvine	philibertia
		NOTE: Milkvine is the accepted common name for Vincetoxicum.	
PHLO	Phlox	phlox	
Phau	austromontana Coville	desert phlox	
Phca-3	caespitosa Nutt.	tufted phlox	
Phdi	diffusa Benth.	spreading phlox	
Phho	hoodii Richards.	Hoods phlox	
Phlo	longifolia Nutt.	longleaf phlox	
Phna	nana Nutt.	Santa Fe phlox	
Phau-1	Pholistoma auritum (Lindl.) Lilja = <u>Nemophila aurita</u> Lindl.	tomatoweed	purple nemophila
PHYS	Physalis	groundcherry	
Phne-1	heterophylla Nees	clammy groundcherry	
Phpu	pubescens L.	downy groundcherry	
PHYS-1	Physaria	twinpod	
Pham	Phytolacca americana L.	pokeberry (poke, pigeonberry)	
Pitr	Pityrogramma triangularis (Kaulf.) Maxon	goldfern	
PLAG	Plagiobothrys	bloodweed (popcornflower)	popcornflower
PLAN-1	Plantago	plantain--perennial species Indianwheat-- annual species	
Pler	eriopoda Torr.	redwool plantain	
Plin	insularis Eastw.	desert Indianwheat <u>1/</u>	
Plinf	fastigiata (Morris) Jeps. = <u>P. fastigiata</u> Morris		desert Indian- wheat
Plla	lanceolata L.	buckhorn plantain	
Plma	major L.	rippleseed plantain	
Plpu	purshii Roem & Schult.	woolly Indianwheat	
Plrh	rhodosperma Decne.	redseed plantain	
Plvi	virginica L.	paleseed plantain	

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1/Typical P. insularis not a plant of S. W. deserts but of S. Calif. coastal islands.



Forbs List (continued)

Plca-1	Platystemon californicus Benth.	creamcups	(creamcups (platystemon)
Plca-2	Pluchea camphorata (L.) DC.	camphor pluchea (saltmarsh-fleabane)	
	<u>Poinsettia</u>	See Euphorbia	
Potr-2	Polanisia trachysperma Torr. & Gray	clammyweed	roughseed clammyweed
POLE	Polemonium	Jacobs-ladder	polemonium
Pode	delicatum Rydb.	skunkleaf	-----
	= <u>P. pulcherrimum</u> ssp. <u>delicatum</u> (Rydb.) Brand		
Pofi	filicinum Greene	fernleaf Jacobs-ladder	fernleaf polemonium
Pofl	flavum Greene	yellow Jacobs-ladder	yellow polemonium
Povi	viscosum Nutt.	sticky Jacobs-ladder	sticky polemonium
POLY-2	Polygala	milkwort	polygala
Poac-2	acanthoclada A. Gray	thorn milkwort	thorn polygala
Poal	alba Nutt.	white milkwort	white polygala
Posu	subspinosa S. Wats.	spiny milkwort	spiny polygala
POLY-5	Polygonatum	Solomonseal	
Poco-4	Cobrense (Woot. & Standl.) Gates	Solomonseal	-----
POLY-3	Polygonum	knotweed	
Poco-3	convolvulus L.	cornbind	dullseed cornbind
Pope-1	persicaria L.	smartweed	spotted ladysthumb
	= <u>Persicaria mitis</u> Gilib.		
POLY-4	Polystichum	hollyfern	
Pogr	Porophyllum gracile Benth.	yerba-del-venado	slender pore- leaf
Pool	Portulaca oleracea L.	purslane (pursley)	common purslane



Forbs List (continued)

POTA	Potamogeton	pondweed	
FOTE	Potentilla See also "Shrubs"	cinquefoil	
Poan-2	anserina L. = <u>Argentina anserina</u> (L.) Rydb.)	silverweed cinquefoil	
Pobi-2	biennis Greene = <u>P. millegrana</u> S. Wats. in part, NOT Engelm.	biennial cinquefoil	
Poco-2	concinna Richards.	elegant cinquefoil	
Podi	diversifolia Lehm.	varileaf cinquefoil	
Pogl	glandulosa Lindl. = <u>Drymocallis glandulosa</u> (Lindl.) Rydb.	gland cinquefoil	
Pohi	hippiana Lehm.	horse cinquefoil	
Pono	norvegica L. = <u>P. monspeliensis</u> L.	Norwegian cinquefoil	
Pope-2	pensylvanica L.	Pennsylvania cinquefoil	
Popl	plattensis Nutt.	Platte cinquefoil	
Popu	pulcherrima Lehm.	beauty cinquefoil	
Pori	rivalis Nutt.	brook cinquefoil	
PRIM	Primula	primrose	
PROB	Proboscidea - Martynia	devilsclaws	
Prvu	Prunella vulgaris L.	selfheal	common selfheal
PSIL	Psilostrophe	paperflower	
Pscoc	cooperi (A. Gray) Greene	whitestem paperflower	
Pssp	sparsiflora (A. Gray) A. Nels.	greenstem paperflower	
Psta	tagetinae (Nutt.) Greene	woolly paperflower	
PSOR	Psoralea	scurfpea	
Psca	castorea S. Wats.	breadroot scurfpea	beaverbread scurfpea
Psla	lanceolata Pursh	lemon scurfpea	
Fste	tenuiflora Pursh	slender scurfpea	slimflower scurfpea
Ptaq	Pteridium aquilinum (L.) Kuhn	bracken	
Ptaqp	pubescens Underw.		western bracken
PTER	Pterospora	pinedrops	
Ptan-2	andromedea Nutt.	woodland pinedrops	

Ptiloria See Stephanomeria





Forbs List (continued)

PYRO	Pyrola	pyrola	
Pyel	<i>elliptica</i> Nutt.	waxflower pyrola	
Pypi	<i>picta</i> J. E. Smith	whitevein pyrola	
	<u><i>secunda</i></u> See <i>Ramischia secunda</i>		
Pymu	<i>Pyrrhopappus multicaulis</i> DC.	false-dandelion	-----
	<u>Quamoclidion multiflorum</u> See <i>Mirabilis multiflora</i>		
	<u>Quamoclit</u> See <i>Ipomoea</i>		
Rase	<i>Ramischia secunda</i> (L.) Garcke	sidebells-pyrola	
	= <u><i>Pyrola secunda</i></u> L.		sidebells pyrola
RANU	<i>Ranunculus</i>	buttercup (crowfoot)	buttercup
Raaq	<i>aquatilis</i> L. <sup>1/</sup>	aquatic buttercup	watercrowfoot
	= <u><i>Batrachium aquatile</i></u> (L.) Wimm.		buttercup
Racy	<i>cymbalaria</i> Pursh	desert buttercup	shore buttercup
Rafl	<i>flammula</i> L.	creeping buttercup	spearwort buttercup
Rahy	<i>hydrocharoides</i> A. Gray	small-leaf aquatic buttercup	-----
Rama	<i>macranthus</i> Scheele	showy buttercup	
RATI	<i>Ratibida</i>	prairie-coneflower	
RHIN	<i>Rhinanthus</i>	yellowrattle	rattleweed
Rhri	<i>rigidus</i> Chab.	yellowrattle	-----
RHYN	<i>Rhynchosia</i>	rosarybean	rhynchosia
	= <u><i>Dolicholus</i></u>		
	<i>Ricinus</i> See "Shrubs"		
RIVI	<i>Rivina</i>	rougeplant	
Rihu	<i>humilis</i> L.	bloodberry	bloodberry rouge- plant

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<sup>1/</sup> Typical *R. aquatilis* is an Old World species; *Ranunculus aquatilis* var. *capillaceus* (Thuill.) DC. is the name for plants of our area; *R. trichophyllus* Chaix is a synonym of this.



Forbs List (continued)

RORI	Rorippa	rorippa	
Rona	nasturtium-aquaticum (L.) Schinz & Thell.	watercress	
Roob	obtusa (Nutt.) Britt.	fieldcress	obtuse field- cress
Rosy	sylvestris (L.) Besser	yellowcress	yellow fieldcress
RUDB	Rudbeckia	coneflower	
Ruhi	hirta L.	black-eyed-susan	
Rula	laciniata L.	cutleaf coneflower	
Ruoc	occidentalis Nutt.	niggerhead	
RUME	Rumex	dock (sorrel)	dock
Ruac	acetosella L.	sheep sorrel	
Ruco	conglomeratus Murr.	clustered dock	
Rucr	crispus L.	curly dock	
Ruhy	hymenosepalus Torr.	canaigre (wild-rhubarb)	canaigre
Ruob	obtusifolius L.	bitter dock	
SAGI-2	Sagina	pearlwort	
SAGI-1	Sagittaria	arrowhead	
Saka	Salsola kali L. = <u>S. pestifer</u> A. Nels.	Russianthistle	
SALV	Salvia See also "Shrubs"	sage	
Saar	arizonica A. Gray	Arizona sage	-----
Saco	columbariae Benth.	chia sage	California chia
Sare	reflexa Hornem.	RockyMountain sage	-----
SAMO	Samolus	waterpimpernel <u>1/</u>	-----
SANG	Sanguisorba	burnet	
SAPO	Saponaria	soapwort	
Saof	officinalis L.	bouncing-bet	
Sava	vaccaria L.	cow soapwort	
SART	Sartwellia	gypsumweed	-----

1/ There are several "water-pimpernels", incl. Veronica anagallis-aquatica.



Forbs List (continued)

SAXI	Saxifraga	saxifrage	
SCRO	Scrophularia	figwort	
SCUT	Scutellaria	skullcap	
Scla	lateriflora L.	sideflowering skullcap	Caucasian skullcap
SEDU	Sedum	stonecrop	
Sest	stenopetalum Pursh	wormleaf stonecrop	
SENE	Senecio	groundsel	
Sefe	fendleri A. Gray	notchedleaf groundsel	Fendler groundsel
Selo	longilobus Benth.	threadleaf groundsel	
Semu	multilobatus Torr. & Gray	lobeleaf groundsel	
Sene	neomexicanus A. Gray	New-Mexican groundsel	
Sesa	salignus DC.	willow groundsel	
Sesp	spartioides Torr. & Gray	broom groundsel	
Seui	uintahensis A. Nels	Uinta groundsel	
Sevu	vulgaris L.	common groundsel	
SIDA	Sida	sida	
Sihe	hederacea (Dougl.) Torr.	alkali sida	
Sisp	spinosa L.	prickly sida	
Sine	Sidalcea neomexicana A. Gray	sidalcea	New-Mexican checkermallow
SILE	Silene	silene	silene
		(catchfly, campion*) <sup>1/</sup>	
Siac	acaulis L.	moss campion	moss silene
Sian	antirrhina L.	sleepy catchfly	sleepy silene
Sila	laciniata Cav.	Mexican campion	Mexican silene
Sisc	scouleri Hook.	Scouler silene	
Sial	Sisymbrium altissimum L.	tumblemustard	
SISY	Sisyrinchium	blue-eyed-grass	
Side	demissum Greene	blue-eyed-grass	-----
SIUM	Sium	waterparsnip	
Sisu	suave Walt.	waterparsnip	hemlock waterparsnip

<sup>1/</sup> Campion is generally accepted name for Lychnis.





Forbs List (continued)

SMIL	Smilacina	= <u>Vagnera</u>	smilac	Solomonplume (false-Solomonseal)
Smra	racemosa	(L.) Desf.	false-Solomonseal	feather Solomonplume
Smst	stellata	(L.) Desf.	starry smilac	starry Solomonplume
SOLA	Solanum		nightshade	
Soel	elaegnifolium	Cav.	white horsenettle (bullnettle)	silverleaf nightshade
Sofe	fendleri	A. Gray	Fendler potato	
Sohe	heterodoxum	Dunal	melonleaf nightshade	
Soja	jamesii	Torr.	wild potato	---- James potato %
Soni	nigrum	L.	black nightshade	
			NOTE: a true wild potato NOTE: Many plants referred to Solanum nigrum prove to be Solanum nodiflorum Jacq.	
Soro	rostratum	Dunal	buffalo-bur	buffalo-bur nightshade
Sotr	triflorum	Nutt.	cutleaf nightshade	
Soxa	xantii	A. Gray	purple nightshade	
SOLI	Solidago		goldenrod	
Soal	altissima	L.	tall goldenrod	
Soca	canadensis	L.	Canada goldenrod	
Sode	decumbens	Greene	decumbent goldenrod	
Somi	missouriensis	Nutt.	Missouri goldenrod	
Sona	nana	Nutt.	baby goldenrod	
Sooc	occidentalis	(Nutt.) Torr. & Gray	western goldenrod	
Sope	petradoria	Blake	rock goldenrod	
	<u>Sophia</u>	See Descurainia		
	<u>Sophora</u>	See "Shrubs"		
SPAR-2	Sparganium		burreed	
SPEC	Specularia	= <u>Triodanis</u>	Venus-lookingglass	
Spbi	biflora	(Ruiz & Pavon) Fisch. & Mey.	small lookingglass	
		= <u>Triodanis biflora</u>	(Ruiz & Pavon) Greene	
Sppe-2	perfoliata	(L.) DC.	clasping Venus-lookingglass	
		= <u>Triodanis perfoliata</u>	(L.) Nieuwl.	

% Suggested common name



Forbs List (continued)

SPHA	Sphaeralcea	globemallow (hollyhock)	globemallow
Spam	ambigua A. Gray	desertmallow	desert globemallow
Spfe	fendleri A. Gray <u>grandiflora</u> See <i>Iliamna grandiflora</i>	Fendler globemallow	-----
SPIR	Spiranthes	ladies-tresses	
STAN	Stanleya <u>Steironema ciliatum</u> See <i>Lysimachia ciliata</i>	desertplume (princesplume)	princesplume
STEL	Stellaria	starwort (chickweed)	starwort
Stja	jamesiana Torr.	tuber starwort	
Stlo-2	longipes Goldie	longstalk starwort	
Stme	media (L.) Cyrill.	chickweed	
STEP	Stephanomeria = <u>Ptiloria</u>	wirelettuce	
STRE	Streptopus	twistedstalk	
Stam	amplexifolius (L.) DC.	clasp leaf twistedstalk	
SUAE	Suaeda = <u>Dondia</u>	seepweed	
SWER	Swertia = <u>Frasera</u>	swertia (greengentian)	swertia
Swpe	perennis L. = <i>S. scopulina</i> Greene	alpine-bog swertia	
Swra	radiata (Kellogg) Kuntze = <u>Frasera speciosa</u> Griseb. <u>recurva</u> See <i>Halenia recurva</i>	deers-ears swertia	showy swertia
Swut	utahensis (Jones) St. John = <u>Frasera paniculata</u> Torr.	elkweed swertia	-----
TAGE	Tagetes	marigold	
Tale	lemmonii A. Gray	stinking marigold	-----
Tami	micrantha Cav.	wild marigold	little mari- gold
TARA	Taraxacum Taraxacum = <u>Leontodon</u> , in part	dandelion	
THAL	Thalictrum	meadowrue	

(continued) Employment

Industry	Employment	Change	% Change
Manufacturing	1,234,567	12,345	1.0%
Construction	567,890	5,678	1.0%
Retail Trade	3,456,789	34,567	1.0%
Health Services	2,345,678	23,456	1.0%
Education	1,234,567	12,345	1.0%
Government	1,234,567	12,345	1.0%
Professional Services	1,234,567	12,345	1.0%
Transportation	567,890	5,678	1.0%
Finance	1,234,567	12,345	1.0%
Information	1,234,567	12,345	1.0%
Other	1,234,567	12,345	1.0%
Total	15,678,901	156,789	1.0%

Forbs List (continued)

THEL	Thelesperma	greenthread	
Thlo	longipes A. Gray	cota	cota greenthread
Thme	megapotamicum (Spreng.) Kuntze	Hopi-tea	Hopi-tea greenthread
Thsu	subnudum A. Gray	Navajo-tea	Navajo-tea greenthread
ThER	Thermopsis	goldenpea (big yellowpea)	thermopsis
Thmo-1	montana Nutt.	mountain goldenpea	
Thpi	pinetorum Greene	pine goldenpea	
	<u>NOTE:</u> Thermopsis pinetorum is regarded by some botanists as a synonym of T. divaricarpa A. Nels.		
THLA	Thlaspi	pennycress	
Thfe	fendleri A. Gray	candytuft	---
		<u>NOTE:</u> Candytuft is the commonly accepted name for Iberis; wildcandytuft or Fendler pennycress is suggested for a common name.	
THYS	Thysanocarpus	lacepod	-----
TIDE	Tidestromia	tidestromia	
Tila	lanuginosa (Nutt.) Standl.	annual tidestromia	woolly tidestromia
Tiob	oblongifolia (S. Wats.) Standl.	shrubby tidestromia	honey-sweet tidestromia
		<u>NOTE:</u> Shrubby tidestromia would be more descriptive of Tidestromia suffruticosa.	
TILL	Tillaea	pigmyweed	pygmyweed
Tier	erecta Hook. & Arn.	pigmyweed	sand pygmyweed %
	<u>Tithymalus</u> See Euphorbia		
TRAD	Tradescantia	spiderwort	
TRAG-2	Tragia	noseburn	
TRAG-1	Tragopogon	goatsbeard	salsify
Trpo	porrifolius L.	salsify	vegetable-oyster salsify (oysterplant)
Trpr-2	pratensis L.	meadow goatsbeard	meadow salsify
		<u>NOTE:</u> Goatsbeard is accepted common name for Aruncus.	

% Suggested common names.





Forbs List (continued)

TRIA	Trianthema	horse-purslane	
Trpo-1	portulacastrum L.	desert horse-purslane	
Trte	Tribulus terrestris L.	puncturevine	
	<u>Trichostema brachiatum</u>	See Isanthus brachiatus	
TRIF	Trifolium	clover	
Tral-2	albopurpureum Torr. & Gray	rancheria clover	
Trdu	dubium Sibth.	shamrock	suckling clover
		<u>NOTE:</u> Shamrock is accepted common name for this species in Ireland. The shamrock of English writers is Oxalis acetosella L.	
Trhy	hybridum L.	alsike clover	
Trne	neurophyllum Greene	bighead clover	Mogollon clover %
		<u>NOTE:</u> Bighead clover is SPN common name for Trifolium macrocephalum.	
Trpr-1	pratense L.	red clover	
Trre	repens L.	white clover	
TRIG	Triglochin	arrowgrass	podgrass
		<u>NOTE:</u> Arrowgrass suitable only for those species with arrow-shaped pods.	
	<u>Triodanis</u>	See Specularia	
		<u>NOTE:</u> <u>Triodanis</u> , restored by Dr. McVaugh, is not regarded as a good genus by many botanists.	
URTI	Urtica	nettle	
	<u>Vagnera</u>	See Smilacina	
VALE	Valeriana	tobaccoroot;	valerian
		valerian	
VERA	Veratrum	false-hellebore	
Veca	californicum Durand	false-hellebore	California false-hellebore
VERB-1	Verbascum	mullein	
Veth	thapsus L.	flannel mullein	
Vevi	virgatum Stokes	purple-stamen mullein	

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% - Suggested common name



Forbs List (continued)

VERB-2	Verbena	verbena	
Vebi	bipinnatifida Nutt.	Dakota verbena	
Vebr	bracteata Lag. & Rodr.	bigbract verbena	
Veha	hastata L.	blue verbena	
Vewr	wrightii A. Gray	Wrights verbena	
VERB-3	Verbesina	crowbeard	
Veen	encelioides (Cav.) Benth. & Hook.	golden crowbeard	
VERO	Veronica	speedwell	
Veam	americana (Raf.) Schwein.	American brooklime	American speedwell
Veau	anagallis-aquatica L.	water speedwell	
VICI	Vicia	vetch	
Viam	americana Muhl.	American vetch	
Viex	exigua Nutt.	slim vetch	
Vile	leucophaea Greene	Hogollon vetch	
Vipu-1	pulchella H.B.K.	sweetclover vetch	
Visa	sativa L.	fodder vetch	common vetch
VIGU	Viguiera = <u>Gymmolomia</u>	goldeneye	
Vian	annua (Jones) Blake	annual goldeneye	
Vico	cordifolia A. Gray	heartleaf goldeneye	
Vide	deltoides A. Gray	shrubby goldeneye	-----
Videp	parishii (Greene) Vasey & Rose	-----	Parish golden- eye
<p><u>NOTE:</u> This variety only in our area. Since most goldeneye species are shrubby (some almost arborescent), delta-leaf goldeneye is suggested as a more distinctive common name than shrubby goldeneye.</p>			
Vilo	longifolia (Robins. & Greenm.) Blake	longleaf goldeneye	
Vimu	multiflora (Nutt.) Blake	showy goldeneye	
Viou	ovalis Blake	ovalleaf goldeneye	
<p><u>Vincetoxicum productum</u> See <u>Gonolobus productus</u></p>			
VIOL	Viola	violet	
Viad	adunca J. E. Smith	hook violet	
Vica	canadensis L.	Canada violet	
Vine	nephrophylla Greene	wanderer violet	
Vinu	nuttallii Pursh	Nuttall violet	
Vipe	pedatifida G. Don	larkspur violet	prairie violet
Vipu-2	purpurea .. Kellogg	goosefoot violet	



Forbs List (continued)

Wire	Wislizenia refracta Engelm.	jackass-clover	-----
WOOD	Woodsia	rockfern	woodsia
WOOD-1	Woodwardia	chainfern	
Wofi	fimbriata J. E. Smith	chainfern	giant chainfern
WYET	Wyethia	wyethia	
Wyam	amplexicaulis Nutt.	mules-ears wyethia	
XANT	Xanthium	cocklebur	
ZANN	Zannichellia	horned-pondweed	poolmat
Zapa	palustris L.	horned-pondweed	common poolmat
		<u>NOTE:</u> Pondweed is the accepted common name for Potamogeton.	
Zala	Zauschneria latifolia (Hook.) Greene	hummingbird-trumpet (firechalice)	broadleaf firechalice
ZIGA	Zigadenus = <u>Zygadenus</u>	deathcamas (wild-onion, sandcorn)	deathcamas
Ziel	elegans Pursh	mountain deathcamas	
Zipa	paniculatus (Nutt.) S. Wats.	foothill deathcamas	
ZINN	Zinnia	zinnia	
Zigr	grandiflora Nutt	RockyMountain zinnia	
Zimu	multiflora L.	redstar zinnia	

Zygadenus See Zigadenus

Zygophyllidium See Euphorbia





TREES AND SHRUBS LIST

ABIE	Abies		fir	
Abco	concolor (Gord. & Glend.) Lindl.		white fir	
Abla	lasiocarpa (Hook.) Nutt.		subalpine fir	
Ablaa	arizonica (Merriam) Lemm.		corkbark fir	
ABUT	Abutilon		Indianmallow	abutilon
ACAC	Acacia		acacia	
Acan	angustissima (Mill.) Kuntze		whiteball acacia	prairie acacia
Acco-1	constricta Benth.		mescat acacia (whitethorn)	mescat acacia
Acfa	farnesiana (L.) Willd.		sweet acacia	
Acgr	greggii A. Gray		catclaw acacia	
Acli	Acalypha lindheimeri Muell. -Arg.		crimson acalypha	Lindheimer copperleaf
ACAM	Acamptopappus		goldenhead	
Acsp	sphaerocephalus (Harv. & Gray) A. Gray		rayless goldenhead	
ACER	Acer		maple	
Acgl	glabrum Torr.		Rocky Mountain maple	
Acgr-1	grandidentatum Nutt.		bigtooth maple	
Acne	negundo L.		boxelder	
	<u>Adelia</u>	See Forestiera.		
AGAV	Agave		agave	
Agat	atrovirens Karw.		pulque agave -- a Mexican species	
Agde	deserti Engelm.		desert agave	-----
Agka	kaibabensis McKelvey		Kaibab agave	-----
Agpa-2	palmeri Engelm.		Palmer agave (centuryplant)	Palmer agave
Agpa-3	parryi Engelm.		Parry agave (mescal)	Parry agave
Agpa-4	parviflora Torr.		small-flowered agave	-----
Agsc-3	schottii Engelm.		Schott agave (amole)	-----
Agut	utahensis Engelm.		Utah agave	
ALNU	Alnus		alder	
Alob	oblongifolia Torr.		Arizona alder	
Alte	tenuifolia Nutt.		thinleaf alder (mountain alder)	

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Trees and Shrubs List (continued)

Alwr	Aloysia wrightii (A.Gray) Heller = <u>Lippia wrightii</u> A. Gray	Wrights lippia	Wrights lemon-verbena%
AMEL	Amelanchier <u>1/</u>	serviceberry	
Ammo	mormonica C. K. Schneid.	Mormon serviceberry	-----
Amor	oreophila A. Nels.	mountain serviceberry	
Ampo	polycarpa Greene	cluster serviceberry	
Amut	utahensis Koehne	Utah serviceberry	
AMOR	Amorpha	amorpha	
Amca	californica Nutt.	stinkingwillow amorpha	California amorpha
Amfr-1	fruticosa L.	indigobush amorpha	
Amfr-2	Amphipappus fremontii Torr. & Gray	chaffbush (broomweed)	-----
ANIS	Anisacanthus	-----	anisacanth
Anth	thurberi (Torr.) A. Gray	desert-honeysuckle	Thurber-anisacanth
		<u>NOTE:</u> There are some true honeysuckles (Lonicera spp.) growing in the southwestern U.S. and northern Mexico deserts. Desert-honeysuckle not a very distinctive name. See also Beloperone.	
APLO	Aplopappus (also spelled Haplopappus)	See Forbs List.	

% Suggested common name.

1/ Serviceberry species hard to tell apart. G. N. Jones, "American Species of Amelanchier" (Univ. Ill. Biol. Monog. 20: 1 - 126. 1946) regards A. mormonica and A. oreophila as synonyms of A. utahensis, and A. polycarpa as a synonym of A. pumila Nutt. The Forest Service Check List reduces A. oreophila to a synonym of A. utahensis. Kearney and Peebles, Arizona Flora, 1951, treat the species as given above.



Trees and Shrubs List (continued)

ARBU	Arbutus	madrone	
Arar-2	arizonica (A. Gray) Sarg.	Arizona madrone	
Arte-2	texana Buckl.	Texas madrone	
ARCE	Arceuthobium = Razoumowskya	dwarfmistletoe	
ARCT-1	Arctostaphylos	manzanita	
Arpa-3	patula Greene	greenleaf manzanita	
Arpr	pringlei Parry	Pringle manzanita	
Arpu-2	pungens H.B.K.	pointleaf manzanita	
Aruv	uva-ursi (L.) Spreng.	bearberry (kinnikinnick)	
ARTE	Artemisia	sagebrush	
Aran	annua L.	sweet wormwood	
Arca-3	cana Pursh	silver sagebrush	
Ardr-2	dracunculoides Pursh	false-tarragon	false-tarragon sagebrush
Arfi	filifolia Torr.	sand sagebrush	
Arfr-2	franserioides Greene	ragweed sagebrush	
Arfr-1	frigida Willd.	estafiata	fringed sagebrush
Arlu	ludoviciana Nutt.	Louisiana wormwood	Louisiana sagebrush
Arno	nova A. Nels.	black sagebrush	
Arpy	pygmaea A. Gray	pygmy sagebrush	-----
Arsp	spinescens D. C. Eaton	budsage (button sage)	bud sagebrush
Artr	tridentata Nutt.	big sagebrush	
ATRI	Atriplex	saltbush (saltsage, sage*, spearscale, redscale, arrow scale wedgescale)	saltbush
Atar	argentea Nutt.	tumbling saltbush	-----
		NOTE: Tumbling orach is accepted common name for Atriplex rosea.	
Atca	canescens (Pursh) Nutt.	fourwing saltbush (chamiza) (estafietta)	fourwing salt- bush
Atco	confertifolia (Torr. & Frem.) S. Wats.	spiny saltbush (shadscale)	shadscale saltbush
Athy	hymenelytra (Torr.) S. Wats.	desertholly	desertholly saltbush
Atle	lentiformis (Torr.) S. Wats.	quailbrush	big saltbush (lenscale, quail- bush)
Atpo	polycarpa (Torr.) S. Wats.	desert saltbush (cattle-spinach)	cattle saltbush
		NOTE: Allscale saltbush is another suggested common name.	





Trees and Shrubs List (continued)

	Atriplex (continued)		
Atro	rosea L.	redscale	tumbling orach
Atse	semibaccata R. Br.	Australian saltbush	
AYEN	Ayenia	ayenia	
Aymi	microphylla A. Gray	littleleaf ayenia	-----
Aypu	pusilla L.	dwarf ayenia	
BACC	Baccharis	baccharis	
Babr	brachyphylla A. Gray	shortleaf baccharis	
Baem	emoryi A. Gray	Emory baccharis	
Bagl	glutinosa Pers.	seepwillow	seepwillow
Bapt	pteronioides DC.	yerba-de-pasmo	yerba-de-pasmo
	= <u>B. ramulosa</u> (DC) A. Gray		baccharis
Basa-l	sarothroides A. Gray	broom baccharis	
Base	sergiloides A. Gray	squaw baccharis	
Bavi	viminea DC.	mulefat baccharis	
Beju	Bebbia juncea (Benth.) Greene	rush bebbia	
Becc	Beloperone californica Benth.	California beloperone (chuparosa)	California beloperone
BERB	Berberis See also Mahonia	barberry	barberry
Befe	fendleri A. Gray	Colorado barberry	
	<u>haematocarpa</u> See Mahonia haematocarpa		
	<u>repens</u> See Mahonia repens		
	<u>trifoliolata</u> See Mahonia trifoliolata		
BETU	Betula	birch	
	<u>fontinalis</u> See B. occidentalis		
Begl	glandulosa Michx.	bog birch	
Beoc	occidentalis Hook.	water birch	water birch
	= <u>B. fontinalis</u> Sarg.	(red birch)	
Bogl	Bouvardia glaberrima Engelm.	honeysuckle bouvardia	-----
	= <u>B. ovata</u> A. Gray		



Trees and Shrubs List (continued)

BRIC	Brickellia = Coleosanthus	brickellbush	brickellia
Brca-3	californica (Torr. & Gray) A. Gray	California brickellbush	California brickellia
Brde	desertorum Coville	desert brickellbush	desert brickellia
Brfl	floribunda A. Gray	bigleaf brickellbush	bigleaf brickellia
Brfr-2	frutescens A. Gray	rigid brickellbush	rigid brickellia
Brgr	grandiflora (Hook.) Nutt	tasselflower brickellbush	tasselflower brickellia
Brin-2	incana A. Gray	white brickellbush	white brickellia
Brlo	longifolia S. Wats.	longleaf brickellbush	longleaf brickellia
Brmu	multiflora Kellogg	Inyo brickellbush	Inyo brickellia
BroB	oblongifolia Nutt.	Mohave brickellbush	Mohave brickellia
Brru-2	rusbyi A. Gray	stinking brickellbush	-----

BUME	Bumelia	bumelia	
Bula	lanuginosa (Michx.) Pers.	-----	gum bumelia
Bular	rigida A. Gray	gum bumelia	-----

NOTE: Neither SPN nor the Forest Service Check List gives a common name for this variety; stifftwig gum bumelia is suggested.

BURS	Bursera	bursera	
Bufa	fagaroides (H.B.K.) Engler	Fragrant bursera	
Bumi	microphylla A. Gray	elephanttree	elephant bursera

Caesalpinia gilliesii See Poinciana gilliesii

CALL	Calliandra	calliandra	calliandra
Caer	eriophylla Benth.	false-mesquite	false-mesquite/
Cahu	humilis Benth.	dwarf calliandra	
Care	reticulata A. Gray	netvein calliandra	

Caho	Canotia holacantha Torr.	canotia (crucifixion-thorn)	
		<u>NOTE</u> : The true crucifixion thorn is Zizyphus spina-christi of the Levant.	

CARL	Carlowrightia	carlowrightia	
Caar-1	arizonica	Arizona carlowrightia	
Cali-2	linearifolia (Torr.) A. Gray	heath carlowrightia	

Carnegiea See Cereus



Trees and Shrubs List (continued)

CASS	Cassia	See also under Forbs.	senna	
Caar-2	armata	S. Wats.	desert senna	
Cale-2	leptocarpa	Benth.	slimpod senna	
Cawi	wislizenii	A. Gray	Wislizenus senna	
CEAN	Ceanothus		ceanothus	
Cefe	fendleri	A. Gray	buckbrush	Fendler ceanothus
Cegr	greggii	A. Gray	desert ceanothus	
Cein-1	integerrimus	Hook. & Arn.	deerbrush	deerbrush ceanothus
CELT	Celtis		hackberry	
Cepa-2	pallida	Torr.	spiny hackberry (granjeno)	spiny hackberry
Cere	reticulata	Torr.	netleaf hackberry (paloblanco)	netleaf hackberry
Ceoc	Cephalanthus occidentalis	L.	buttonbush	common buttonbush
CERC-2	Cercidium		paloverde	
Cefl	floridum	Benth.	blue paloverde	
Cemi	microphyllum	(Torr.) Rose & Johnston	yellow paloverde;	littleleaf paloverde
Ceoc01	Cercis occidentalis	Torr.	California redbud	
CERC-1	Cercocarpus		mountainmahogany	cercocarpus
	<u>NOTE:</u> See Check List. The Forest Service has maintained that "mahogany" should be restricted to Swietenia.			
Cebe-1	betuloides	Nutt.	birchleaf mountainmahogany	birchleaf cercocarpus
Cebr	breviflorus	A. Gray	hairy mountainmahogany	hairy "
Cein-2	intricatus	S. Wats.	littleleaf "	littleleaf "
Cele	ledifolius	Nutt.	curlleaf "	curlleaf "
Cemo	montanus	Raf.	true "	-----
CERE	Cereus		cereus	
Cegi	giganteus	Engelm.	saguaro (sahuaro)	saguaro
	= <u>Carnegiea gigantea</u> (Engelm.) Britt. & Rose			
Chmi	Chamaebatiaria millefolium	(Torr.) Maxim.	fernbush (tansybush)	tansybush (desertsweet)





Trees and Shrubs List (continued)

Chli	<i>Chilopsis linearis</i> (Cav.) Sweet	desertwillow	
CHOI	<i>Choisya</i>	Mexican-orange	
Char	<i>arizonica</i> Standl.	starleaf Mexican-orange	Arizona star-
	= <u><i>C. dumosa arizonica</i></u> (Standl.) L. Benson		leaf %
CHRY-1	<i>Chrysothamnus</i>	rabbitbrush	
Chde	<i>depressus</i> Nutt.	dwarf rabbitbrush	
Chna	<i>nauseosus</i> (Pall.) Britt.	rubber rabbitbrush	
Chpa-2	<i>paniculatus</i> (A. Gray) H. M. Hall	desert rabbitbrush	
Chpu	<i>pulchellus</i> (A. Gray) Greene	southwest rabbitbrush	
Chte	<i>teretifolius</i> (Dur. & Hilg.) H. M. Hall	roundleaf rabbitbrush	
Chvi-3	<i>viscidiflorus</i> (Hook.) Nutt.	Douglas rabbitbrush	
CLEM	<i>Clematis</i>	clematis	
Clli	<i>ligusticifolia</i> Nutt.	virginsbower	western virgins-
			bower
Clps	<i>pseudoalpina</i> (Kuntze) A. Nels.	RockyMountain clematis	
COLD	<i>Coldenia</i>	coldenia	
Coca-2	<i>canescens</i> DC.	spreading coldenia	
Copl	<i>plicata</i> (Torr.) Coville	desertmat coldenia	
Cora-1	<i>Coleogyne ramosissima</i> Torr.	blackbrush	
	<u>Coleosanthus</u> See <i>Brickellia</i>		
COND	<i>Condalia</i>	condalia	
Cogl	<i>globosa</i> Johnst.	bitter condalia	
	<u><i>lycioides</i></u> See <i>C. obtusifolia</i>		
Come-2	<i>mexicana</i> Schlecht.	Mexican bluewood	Mexican condalia
Coob	<i>obtusifolia</i> (Hook.) Weberb.	lotebush condalia	lotewood condalia
	= <u><i>C. lycioides</i></u> (A.Gray) Weberb. (graythorn)		(southwestern con-
			dalia)
Cosp	<i>spathulata</i> A. Gray	squawbush	knifeleaf condalia
CORN	<i>Cornus</i>	dogwood	
Cost-1	<i>stolonifera</i> Michx.	red-osier dogwood	

% Suggested common name.



Trees and Shrubs List (continued)

CORY-2	Coryphantha = <u>Mammillaria</u> , in part		coryphantha
Coag	aggregata (Engelm.) Britt. & Rose	golfball cactus	golfball cory-
	= <u>Mammillaria aggregata</u> Engelm.		phantha
Coar-2	arizonica (Engelm.) Britt. & Rose	Arizona mammillaria	Arizona cory-
	= <u>Mammillaria arizonica</u> Engelm.		phantha
Coch	chlorantha (Engelm.) Britt. & Rose	foxtail cactus	-----
	= <u>Mammillaria chlorantha</u> Engelm.		
Coro	robustispina (Schott) Britt. & Rose	spikespine cactus	spikespine
	= <u>Mammillaria robustispina</u> Schott		coryphantha

Covillea See Larrea

Come-1	Cowania mexicana D. Don	cliffrose	cliffrose
	= <u>C. stansburiana</u> Torr.	(quinine-bush, buckbrush)	

CRAT	Crataegus	hawthorn	
Crch	chrysoarpa Ashe	fireberry hawthorn	
Crer	erythropoda Ashe	Cerro hawthorn	
Crri	rivularis Nutt.	river hawthorn	

CROT-2	Croton See also under FORBS	croton	
Crfr	fruticulosus Engelm.	bush croton	

CUPR	Cupressus	cypress	
Cuar	arizonica Greene	Arizona cypress	

Dasp-2	Dalea spinosa A. Gray	smokethorn (smoketree)	
--------	-----------------------	------------------------	--

Dasiphora See Potentilla

DASY	Dasyilirion	sotol	
Date	texanum Scheele	Texas sotol	
Dawh	wheeleri S. Wats.	Wheeler sotol	

	Desmanthus See under FORBS		
DODO	Dodonaea	hopbush	hopseedbush
Dovi	viscosa Jacq.	hopbush	clammy hopseedbush

ECHI-3	Echinocactus	echinocactus	
Echo	horizonthalonius Lemaire	devilshead echinocactus	
Ecpo	polycephalus Engelm. & Bigel.	cottontop echinocactus	
Ecxe	xeranthemoides Engelm.	shinyspine echinocactus	-----



Trees and Shrubs List (continued)

ECHI-2	Echinocereus	echinocereus	
Ecbo	boyce-thompsonii Orcutt	Boyce-Thompson echinocereus	-----
Ecen	engelmannii (Parry) Rümpler	Engelmann echinocereus	
Ecfe	fendleri (Engelm.) Rümpler	Fendler echinocereus	
Ecpe	pectinatus (Scheidw.) Engelm.	comb echinocereus	
Ecper	rigidissimus Engelm.	rainbow echnicereus	
	= <u>E. rigidissimus</u> (Engelm.) Rose		
Ecre	reichenbachii (Walp.) Haage	lace echinocereus	
Ecst	stramineus (Engelm.) Rümpler	strawberry echinocereus	-----
	= <u>Cereus stramineus</u> Engelm.		
Ectr	triglochidiatus Engelm.	claretcup echinocereus	
Ecjo	Echinomastus johnsonii (Parry) Baxter; beehive cactus		-----
	= <u>Echinocactus johnsonii</u> Parry		
	= <u>Ferocactus johnsonii</u> (Parry) Britt. & Rose		
	= <u>Thelocactus johnsonii</u> (Parry) W. T. Marsh		
ECHI-4	Echinopsis	hedgehog-cactus	
	<u>Edwinia</u> See Jamesia		
ELAE	Elaeagnus	oleaster	elaeagnus
Elan	angustifolia L.	Russian-olive	
ENCE	Encelia	brittlebush	encelia
Enfa	farinosa A. Gray	white brittlebush	
Enfr	frutescens A. Gray	green brittlebush	bush encelia
EPHE	Ephedra	ephedra	ephedra
		(jointfir, Mormon-tea)	
Epne	nevadensis S. Wats.	Nevada ephedra	
Eptra	trifurca Torr.	longleaf ephedra	
Epvi	viridis Coville	green ephedra	
ERIO	Eriodictyon	yerba-santa	
Eran-2	angustifolium Nutt.	mountainbalm	narrowleaf yerba-santa
	Eriogonum See under FORBS		
ERYT-2	Erythrina	coralbean	
Erfl-3	flabelliformis Kearney	southwestern coralbean	western coralbean





Trees and Shrubs List (continued)

Eula-1	Eurotia lanata (Pursh) Moq.	winterfat (sweet-sage)	winterfat
Eypo	Eysenhardtia polystachya (Ortega) Sarg.	kidneywood	
Fapa	Fallugia paradoxa (D. Don) Endl.	Apache-plume	
FEND	Fendlera	Fendlerbush	
Feru-2	rupicola A. Gray	cliff Fendlerbush	
FERO	Ferocactus	barrelcactus	
Feac	acanthodes (Lemaire) Britt. & Rose	California barrelcactus	
Feco	covillei Britt. & Rose	Coville barrelcactus	-----
Fewi	wislizenii (Engelm.) Britt. & Rose	southwest barrelcactus (Arizona watercactus)	
Flce	Flourensia cernua DC.	tarbush	American tarbush
FORE	Forestiera = <u>Adelia</u> Michx., NOT L.	forestiera (adelia)	
Fone	neomexicana A. Gray	wild-olive forestiera	New-Mexican forestiera
Foph	phillyreoides (Benth.) Torr.	desert-olive forestiera	
Fosp-1	Forsellesia = <u>Glossopetalon</u> 1/ spinescens (A. Gray) Greene = <u>Glossopetalon</u> <u>spinescens</u> A. Gray	greasebush spiny greasebush	
Fosp-2	Fouquieria splendens Engelm.	ocotillo	
FRAX	Fraxinus	ash	
Fran	anomala Torr.	singleleaf ash	
Franl.	lowellii (Sarg.) Little	Lowell ash	
Frcu	cuspidata Torr.	fragrant ash	
Frggr	greggii A. Gray	Gregg ash	
Frpa	papillosa Lingelsh.	Chihuahua ash	
Frve	velutina Torr.	velvet ash	

1/ There is controversy among botanists as to whether or not Glossopetalon and Glossopetalum are both tenable. It seems clear, under Art. 70, note 4 of Rules, that the names are "orthographic variants" and that Glossopetalon is untenable.



Trees and Shrubs List (Continued)

Frca	<i>Fremontia californica</i> Torr.	California fremontia	
GARR	<i>Garrya</i>	silktassel	
Gaf1	<i>flavescens</i> S. Wats.	yellowleaf silktassel	
Gawr-2	<i>wrightii</i> Torr.	Wright silktassel	
	<u>Glossopetalon</u>	See <i>Forsellesia</i>	
GOSS	<i>Gossypium</i>	cotton	
Goth	<i>thurberi</i> Todara	desert cotton (little cotton)	Thurber cotton
	= <u><i>Thurberia thespesioides</i></u>	A. Gray	
GRAY	<i>Grayia</i>	hopsage	
Grbr	<i>brandegei</i> A. Gray	spineless hopsage	
Grsp	<i>spinosa</i> (Hook.) Moq.	spiny hopsage	
	<u>Grossularia</u>	See <i>Ribes</i>	
GUTI	<i>Gutierrezia</i>	snakeweed (turpentineweed, fireweed)	snakeweed
Guca	<i>californica</i> (DC.) Torr. & Gray	California snakeweed	
Gulu	<i>lucida</i> Greene	sticky snakeweed	
Gumi	<i>microcephala</i> (DC.) A. Gray	threadleaf snakeweed	
Gusa	<i>sarothrae</i> (Pursh) Britt. & Rusby	broom snakeweed	
HIBI	<i>Hibiscus</i>	hibiscus (rosemallow)	hibiscus rosemallow
Hico	<i>coulteri</i> Harv.	desert hibiscus	desert rosemallow
Hide	<i>denudatus</i> Benth.	paleface hibiscus	paleface rosemallow
Hoem	<i>Holacantha emoryi</i> A. Gray	crucifixion-thorn	holacantha
Hodu	<i>Holodiscus dumosus</i> (Nutt.) Heller	rockspiraea	bush rockspirea
	= <u><i>Sericotheca dumosa</i></u> (Nutt.) Rydb.	(ocean-spray)	
HYME-3	<i>Hymenoclea</i>	burrobrush	
Hymo	<i>monogyra</i> Torr. & Gray	singlewhorl burrobrush	
Hysa	<i>salsola</i> Torr. & Gray	white burrobrush	



Trees and Shrubs List (continued)

HYPT Hyem	Hyptis emoryi Torr.	brushmint desertlavender	bushmint Emory bushmint
INDI Insp	Indigofera sphaerocarpa A. Gray	indigo Sonora indigo	
Jaov	Jacobinia ovata A. Gray	redfunnel	redfunnel jacobinia
Jaam	Jamesia americana Torr. & Gray = <u>Edwinia americana</u> (Torr. & Gray) Heller	cliffbush	cliff jamesia
JANU Jagr	Janusia gracilis A. Gray	janusia slender janusia	
JATR Jaca	Jatropha cardiophylla (Torr.) Muell.-Arg.	nettlespurge sangre-de-Cristo	sangre-de-Cristo nettlespurge (suggested name)
JUGL Juma Jumi	Juglans major (Torr.) Heller microcarpa Berlandier	walnut Arizona walnut little walnut	
JUNI Juco Jude Jumo Juos Jusc	Juniperus communis L. depeana Steud. monosperma (Engelm.) Sarg. osteosperma (Torr.) Little scopulorum Sarg.	juniper dwarf juniper alligator juniper one-seed juniper Utah juniper RockyMountain juniper	common juniper
Kosp	Koeberlinia spinosa Zucc.	allthorn (crown-of-thorns)	allthorn
KRAM Krgr Krpa	Krameria grayi Rose & Painter parvifolia Benth.	krameria (ratany) Grays krameria littleleaf krameria	krameria
LANT	Lantana	lantana	
LARR Latr	Larrea = <u>Covillea</u> tridentata (DC.) Coville = <u>Covillea tridentata</u> (DC.) Vail	creosotebush creosotebush	Coville creosotebush





Trees and Shrubs List (continued)

Lathyrus See under Forbs

Leth Lemaireocereus thurberi (Engelm.) Britt. & Rose organpipe cactus

Lefr Lepidium fremontii S. Wats. desert pepperweed

Lepu Leptodactylon pungens (Torr.) Nutt. granite gilia  
= Gilia pungens (Torr.) Benth. (shrubby-phlox)

Lippia wrightii See Aloysia wrightii

LONI Lonicera honeysuckle  
Loar arizonica Rehder Arizona honeysuckle  
Loin-1 interrupta Benth. chaparral honeysuckle  
Loin-2 involucrata (Richards.) Banks bearberry honeysuckle  
Loja japonica Thunb. Japanese honeysuckle  
Lout utahensis S. Wats. Utah honeysuckle

Losc Lophocereus schottii (Engelm.) Britt. & Rose sinita -----  
= Cereus schottii Engelm.

LOPH Lophophora peyote

LYCI Lycium wolfberry wolfberry  
(desertthorn)  
Lyan andersonii A. Gray Anderson wolfberry  
Lyco cooperi A. Gray Cooper wolfberry  
Lyfr fremontii A. Gray Fremont wolfberry  
Lypa-1 pallidum Miers pale wolfberry  
Lypa-2 parishii A. Gray Parish wolfberry  
Lyto torreyi A. Gray Torrey wolfberry

LYSI-2 Lysiloma lysiloma

MAHO Mahonia = Berberis, in part ----- mahonia  
= Odostemon

Maha haematocarpa (Woot.) Fedde red mahonia  
= Berberis haematocarpa Woot.  
= Odostemon haematocarpus (Woot.) Heller

Mare repens (Lindl.) G. Don Oregongrape creeping mahonia  
= Berberis repens Lindl.  
= Odostemon repens (Lindl.) Cockerell

Matr trifoliolata (Moric.) Fedde algerita Laredo mahonia  
= Berberis trifoliolata Moric.  
= Odostemon trifoliolatus (Moric.) Heller



Trees and Shrubs List (continued)

MAMM	Mammillaria	mammillaria	
	<u>aggregata</u> See Coryphantha	aggregata	
	<u>arizonica</u> See Coryphantha	arizonica	
	<u>chlorantha</u> See Coryphantha	chlorantha	
Mafa	<u>fasciculata</u> Engelm.	little fishhook	mammillaria -----
Mahe	heyderi Muehlenpfordt	Heyder	mammillaria
Mama-2	macdougalii Rose	MacDougal	mammillaria
Mami	microcarpa Engelm.	fishhook	mammillaria
Maol	oliviae Orcutt	Olivia	mammillaria
	<u>robustispina</u> See Coryphantha	robustispina	
Mawi	wilcoxii Toumey	Wilcox	mammillaria
MENO	Menodora	menodora	
Mesc-1	scabra A. Gray	rough	menodora
Mesc-2	scoparia Engelm.	broom	menodora
Mesp-2	spinescens A. Gray	spiny	menodora
MIMO	Mimosa	mimosa	mimosa
		(sensitiveplant)	
		NOTE: Sensitiveplant is accepted	
		common name for Mimosa pudica.	
Mibi-3	biuncifera Benth.	wait-a-bit	catclaw mimosa
Midy	dysocarpa Benth.	velvetpod	mimosa
Mosc	Mortonia scabrella A. Gray	scurfy	mortonia -----
MORU	Morus	mulberry	
Moal	alba L.	white	mulberry
Momi	microphylla Buckl.	Texas	mulberry
Nigl	Nicotiana glauca Graham	tree	tobacco
NOLI	Nolina	beargrass	nolina
		NOTE: Beargrass is the accepted	
		common name for Xerophyllum.	
Nomi	microcarpa S. Wats.	sacahuista	
Note	texana S. Wats.	Texas beargrass	Texas nolina
	<u>Odostemon</u> See Mahonia		
Olte	Olneya tesota A. Gray	tesota	tesota
		(ironwood)	
		NOTE: Ironwood has been applied to	
		so many different species and	
		genera that it is not a	
		distinctive common name.	
	<u>Opulaster</u> See Physocarpus		





Trees and Shrubs List (continued)

OPUN	Opuntia	pricklypear-- name for flat-stemmed spp. cholla -- name for cylindrical-stemmed spp.	
Opac	acanthocarpa Engelm. & Bigel.	buckhorn cholla	
Opap	arbuscula Engelm.	pencil cholla	-----
Opau	aurea Baxter	golden pricklypear	
Opba	basilaris Engelm.	beavertail cactus	beavertail prickly-pear
Opbi	bigelovii Engelm.	jumping cholla	Arizona jumping pricklypear
Opch	chlorotica Engelm. & Bigel.	pancakepear cactus	dollarjoint prickly-pear
Opec	echinocarpa Engelm. & Bigel.	strawtop	strawtop prickly-pear
Open	engelmannii Salm-Dyck	Engelmann pricklypear	
Oper	erinacea Engelm. & Bigel.	grizzlybear pricklypear	
Opfr	fragilis (Nutt.) Haw.	brittle pricklypear	
Opfu	fulgida Engelm.	cholla (canecactus)	Sonora jump- ing cholla
Opia	laevis Coult.	spineless cactus	smooth pricklypear
Ople	leptocaulis DC.	Christmas cactus <sup>1/</sup>	tesajo
Oppa	parishii Orcutt	Parish cholla	
Oppo	polyacantha Haw.	plains pricklypear	
Opra	ramosissima Engelm.	Holycross cholla	
Opsa	santa-rita (Griffiths & Hare) Rose	Santa Rita cactus	SantaRita pricklypear
Opst	stanlyi Engelm.	Stanly cholla	
Oppe	tetracantha Toumey	fourspine cholla	
Opve	versicolor Engelm.	deerhorn cholla	-----
Opwh	whipplei Engelm. & Bigel.	Whipple cholla	
OSTR	Ostrya	hophornbeam	
Oskn	knowltonii Coville	Knowlton hophornbeam	
PACH	Pachistima (also spelled Pachystima)	boxleaf	pachistima
Pamy	myrsinites (Pursh) Raf.	myrtle boxleaf (mountain-lover)	myrtle pachistima
Paac	Parkinsonia aculeata L.	Jerusalem-thorn (horsebean)	Jerusalem-thorn
PART-1	Parthenium	rubberbush	parthenium
Pain-1	incanum H.B.K.	mariola	mariola parthenium
PART-2	Parthenocissus	creeper	
Pain-2	inserta (Kerner) K. Fritsch	thicket creeper	

<sup>1/</sup> This is a well-established name for *Zygocactus truncatus*, which blooms at Christmas, and which nearly every housewife has.





Trees and Shrubs List (continued)

Pegr-2	Peniocereus greggii (Engelm.) Britt.& Rose	nightblooming-cereus NOTE: Nightblooming-cereus is the accepted common name for the genus Hylocereus.	cactus deerhorn/
PENS	Penstemon	See also under Forbs	
Pemi-2	microphyllus A. Gray	littleleaf penstemon	
PHIL-2	Philadelphus	mockorange	
Phmi	microphyllus A. Gray	littleleaf mockorange	
PHOR	Phoradendron	mistletoe	American-mistletoe
Phca-4	californicum Nutt.	mesquite mistletoe	mesquite American-mistletoe
Phfl	flavescens (Pursh) Nutt.	Christmas mistletoe	Christmas American-mistletoe
Phju	juniperinum Engelm.	juniper mistletoe	juniper American-mistletoe
PHYL	Phyllodoce	mountainheath	
Phem	empetriformis (J.E.Smith)D.Don	red mountainheath	
PHYS-2	Physocarpus = <u>Opulaster</u>	ninebark	
Phmo	monogynus (Torr.) Coult. = <u>Opulaster monogynus</u> (Torr.) Kuntze	mountain ninebark	
PICE	Picea	spruce	
Pien-1	engelmannii Parry	Engelmann spruce	
Pipu	pungens Engelm.	blue spruce	
PINU	Pinus	pine	
Piar	aristata Engelm.	bristlecone pine	
Pice	cembroides Zucc.	Mexican pinyon	
Pied	edulis Engelm.	pinyon	
Pien-2	engelmannii Carr.	Apache pine	
Pifl	flexilis James	limber pine	
Piflr	reflexa Engelm.	Mexican white pine	-----
Pileo	leiophylla Schlecht. & Cham.		
Pilec	chihuahuana (Engelm.) Shaw	Chihuahua pine	
Pimo	monophylla Torr. & Frem.	singleleaf pinyon	
Pipo	ponderosa Lawson	ponderosa pine (western yellow pine)	
Pipoa	arizonica (Engelm.) Shaw	Arizona pine	



Trees & Shrubs List (continued)

PLAT-2	Platanus	sycamore	
Plwr	wrightii S. Wats.	Arizona sycamore	
PLUC	Pluchea See also under Forbs	pluchea (marsh-fleabane)	pluchea
Plse	sericea (Nutt.) Coville	arrowweed	arrowweed plu- chea
Pogi	Poinciana gilliesii Hook. = <u>Caesalpinia gilliesii</u> (Hook.) Wall	bird-of-paradise flower	paradise poin- ciana
	Polygala See under Forbs		
POPU	Populus	cottonwood; aspen	
Poac-1	acuminata Rydb.	lanceleaf cottonwood	
Poan-3	angustifolia James	narrowleaf cottonwood	
Pofr-2	fremontii S. Wats.	Fremont cottonwood	
Pofrw	wislizenii S. Wats.	Rio Grande cottonwood	
Posa	sargentii Dode	plains cottonwood	
Potr-1	tremuloides Michx.	quaking aspen	
POTE	Potentilla See also under Forbs	cinquefoil	
Pofr-1	fruticosa L. = <u>Dasiphora fruticosa</u> (L.) Rydb.	shrubby cinquefoil	
PROS	Prosopis	mesquite	
Prju	juliflora (Swartz) DC.	mesquite (common mesquite)	
Prjug	glandulosa (Torr.)Cockerell	honey mesquite	
Prjut	torreyana L. Benson	western honey mesquite	
Prjuv	velutina (Woot.) Sarg.	velvet mesquite	
Prpu	pubescens Benth. = <u>Strombocarpa pubescens</u> (Benth.) A. Gray	screwbean mesquite	
PRUN	Prunus	plum; cherry	
Pram	americana Marsh.	American plum (red plum)	American plum
Prem	emarginata Dougl.	bitter cherry	
Prse	serotina Ehrh.	black cherry	
Prser	rufula (Woot.& Standl.) McVaugh	southwestern black cherry (Gila chokecherry)	
Prvi	virginiana L.	chokecherry	
Psme	Pseudotsuga menziesii (Mirb.) Franco	Douglas-fir	
Psmeg	glauca (Beissn.) Franco		RockyMountain Douglas-fir



Trees and Shrubs List (continued)

	Psilostrophe	See under Forbs	paperflower	
PTEL	Ptelea		hoptree	
Ptan-1	angustifolia Benth.		narrowleaf hoptree	
Ptpa	pallida Greene		pale hoptree	
Pttr	Purshia tridentata (Pursh) DC.		bitterbrush (antelopebrush)	antelope bitterbrush
QUER	Quercus		oak	
Quar	arizonica Sarg.		Arizona white oak	
Quch	chrysolepis Liebm.		canyon live oak	
Quchp	palmeri (Engelm.) Sarg.		Palmer oak	
Quem	emoryi Torr.		Emory oak	
Quga	gambelii Nutt.		Gambel oak (shin oak, scrub oak)	
Qugr	grisea Liebm.		gray oak	
Quha	havardii Rydb.		Havard oak	
Quhy	hypoleucoides A. Camus		silverleaf oak	
Qumu	muehlenbergii Engelm.		chinkapin oak	
Quob	oblongifolia Torr.		Mexican blue oak	
Quor	organensis Trel.		Organ Mountains oak	
Qupu	pungens Liebm.		sandpaper oak	
Qure	reticulata Humb. & Bonpl.		netleaf oak	
Quto	toumeyii Sarg.		Toumey oak	
Qutu	turbinella Greene		shrub live oak	
Quun	undulata Torr.		wavyleaf oak (scrub oak)	
	<u>Razoumowskia</u>	See Arceuthobium		
RHAM	Rhamnus		buckthorn	
Rhbe	betulaefolia Greene		birchleaf buckthorn	
Rhca	californica Eschsch.		California buckthorn (coffeeberry)	
Rhcr	crocea Nutt.		hollyleaf buckthorn (redberry buckthorn)	
RHUS	Rhus		sumac	
Rhch	choriophylla Woot. & Standl.		Mearns sumac	
Rhgl	glabra L.		smooth sumac	
Rhke	kearneyi Barkley		Kearney sumac	
Rhla	lanceolata (A. Gray) Britt.		prairie sumac	
Rhov	ovata S. Wats.		sugar sumac (mountain-laurel)	
	<u>radicans</u>	See Toxicodendron	radicans	
Rhtr	trilobata Nutt.		skunkbush (squawberry)	skunkbush sumac
Rico	Ricinus communis L.		castorbean	





Trees and Shrubs List (Continued)

RIBE	Ribes = <u>Grossularia</u>	currant; gooseberry	
Riau	aureum Pursh	golden currant	
Rice	cereum Dougl.	wax currant	
Riin-1	inebrians Lindl.	squaw currant	
Riin-2	inerme Rydb.	whitestem gooseberry	
Rile	leptanthum A. Gray	trumpet gooseberry	
Rimo	montigenum McClatchie	gooseberry currant	
Ripi	pinetorum Greene	orange gooseberry	
Riqu	quercetorum Greene	oakwoods gooseberry	
Rive	velutinum Greene	desert gooseberry	
Rivi	viscosissimum Pursh	sticky currant	
Riwo	wolfii Rothrock	Rothrock currant	
ROBI	Robinia	locust	
Rone-1	neomexicana A. Gray	New-Mexican locust	
ROSA	Rosa	rose	
Roar	arizonica Rydb.	Arizona rose	-----
Rofe	fendleri Crepin	Woods rose	Fendler rose
	<u>NOTE:</u> If, as some botanists (such as Rehder) prefer, this is a variety of Woods rose ( <u>R. woodsii</u> ) the common name should be Fendler Woods rose.		
Roma	manca Greene	Mancos rose	
Rone-2	neomexicana Cockerell	New-Mexican rose	
Rost	stellata Wooton	desert rose	
RUBU	Rubus	blackberry; raspberry, etc.	
Ruar	arizonensis Focke	Arizona dewberry	-----
Rule	leucodermis Dougl.	whitebark raspberry	
Rune	neomexicanus A. Gray	New-Mexican raspberry	
Rupa	parviflorus Nutt.	western thimbleberry	
Rupr	procerus P. J. Muell.	Himalaya blackberry	
Rust	strigosus Michx.	red raspberry	American red rasp- berry
SALI	Salix	willow	
Saam	amygdaloides Anderss.	peachleaf willow	
Sabe	bebbiana Sarg.	Bebb willow (beaked willow)	
Sabo	bonplandiana H.B.K.	Bonpland willow	
Saca-2	caudata (Nutt.) Heller	whiplash willow	
Saex	exigua Nutt.	coyote willow	
Sage	geyeriana Anderss.	Geyer willow (silver willow)	
Sago	gooddingii Ball	Goodding willow (black willow)	
Sain	interior Rowlee	sandbar willow	
Sala-1	laevigata Bebb	red willow	
Sala-2	lasiandra Benth.	Pacific willow	



Trees and Shrubs List (Continued)

	Salix (continued)	
Sala-3	lasiolepis Benth.	arroyo willow (white willow)
Sali	ligulifolia Ball	strapleaf willow
Salu	lutea Nutt.	yellow willow
Sapa	padophylla Rydb.	serviceberry willow; park willow
	= <u>S. pseudomonticola</u> Ball	
Sasc	scouleriana Barratt	Scouler willow (mountain willow)
Sata	taxifolia H.B.K.	yewleaf willow
SALV	Salvia See also under Forbs	sage
Saca-1	carnososa Dougl.	desert sage
Samo	mohavensis Greene	Mohave sage
Sapi	pinguifolia (Fern.) Woot. & Standl.	blue sage -----
SAMB	Sambucus	elder
Sagl	glauca Nutt.	blueberry elder
	= <u>S. cerulea</u> Raf.	
Same-1	melanocarpa A. Gray	blackbead elder
Same-2	mexicana Presl	Mexican elder
Save-1	velutina Dur. & Hilg.	velvet elder
SAPI-1	Sapindus	soapberry
Sadr	drummondii Hook. & Arn.	western soapberry
SAPI-2	Sapium	sapium
Sabi	biloculare (S. Wats.) Pax	jumping-bean sapium
SARC	Sarcobatus	greasewood
Save-2	vermiculatus (Hook.) Torr.	black greasewood
Scpo	Sclerocactus polyancistrus (Engelm. & Bigel.) Britt. & Rose	pineapple-cactus
	Senecio See under Forbs	
	<u>Sericotheca</u> See Holodiscus	
SHEP	Shepherdia	buffaloberry
Shar	argentea (Pursh) Nutt.	silver buffaloberry
Shca	canadensis (L.) Nutt.	russet buffaloberry
Shro	rotundifolia Parry	roundleaf buffaloberry



Trees and Shrubs List (Continued)

SIMM	Simmondsia	jojoba	
Sich	chinensis (Link) Schneid.	California jojoba	
SOPH	Sophora	sophora	
Soar	arizonica S. Wats.	Arizona sophora	
Sose-1	secundiflora (Ortega) Lag.	mescalbean sophora	mescalbean
Sose-2	sericea Nutt.	silky sophora	
Sost	stenophylla A. Gray	fringeleaf sophora	
SORB	Sorbus	mountainash	
Sodu	dumosa Greene	Arizona mountainash	
Sosc	scopulina Greene	Greenes mountainash	
Stst	Stenolobium stans (L.) Seem.	trumpetbush	Florida yellow-
	= <u>S. incisum</u> Rose & Standl.		trumpet
	= <u>Tecoma stans</u> (L.) H.B.K.		
	<u>Strombocarpa pubescens</u> See Prosopis pubescens		
SYMP	Symphoricarpos	snowberry-- white fruited species	
		coralberry -- red fruited species	
Sylo	longiflorus A. Gray	longflower snowberry	
Syor	orbiculatus Moench	Indian coralberry	Indiancuriant coral-
Syor-1	oreophilus A. Gray	mountain snowberry	berry.
Syro-1	rotundifolius A. Gray	roundleaf snowberry	
Syut	utahensis Rydb.	Utah snowberry	
Tape	Tamarix pentandra Pall.	tamarisk	fivestamen
		(saltcedar)	tamarisk
	<u>Tecoma stans</u> See Stenolobium stans		
	NOTE: True Tecoma species are ornamental Australian vines.		
THAM	Thamnosma	desert-rue	
Thmo-2	montana Torr. & Frem.	Mohave desert-rue	
		(turpentine-broom)	
Thte	texana (A. Gray) Torr.	Texas desert-rue	
	<u>Thelocactus johnsonii</u> See Echinomastus johnsonii		
	<u>Thurberia thespesioides</u> See Gossypium thurberi		
Tora	Toxicodendron radicans L.	poison-ivy	common poison-ivy
	= <u>Rhus radicans</u> (L.) Kuntze		
Trca-2	Trixis californica Kellogg	American trixis	





Trees and Shrubs List (Continued)

Unsp	<i>Ungnadia speciosa</i> Endl.	Mexican-buckeye	
VACC	<i>Vaccinium</i>	blueberry; whortleberry	
Vace	<i>cespitosum</i> Michx.	dwarf blueberry	
Vaor	<i>oreophilum</i> Rydb.	Rocky Mountain whortleberry	
Vasc	<i>scoparium</i> Leiberg	grouse whortleberry	
Vaca	<i>Vauquelinia californica</i> (Torr.) Sarg.	Arizona-rosewood	Torrey vauque- linia
	<i>Viguiera</i>	See under Forbs	
VITI	<i>Vitis</i>	grape	
Viar	<i>arizonica</i> Engelm.	canyon grape	
Wafi	<i>Washingtonia filifera</i> (Linden) Wendl.	California palm	California wash- ingtonia
YUCC	<i>Yucca</i>	yucca	yucca
		(Spanish-bayonet)	
Yuan	<i>angustissima</i> Engelm.	fineleaf yucca	
Yuba	<i>baccata</i> Torr.	blue yucca	datil yucca
Yubr	<i>brevifolia</i> Engelm.	Joshua-tree	Jushua-tree yucca
Yuel	<i>elata</i> Engelm.	soaptree yucca	
Yugl	<i>glauca</i> Nutt.	small soapweed	
Yuha	<i>harrimaniae</i> Trel.	Harriman yucca	
Yumo	<i>mohavensis</i> Sarg.	Mohave yucca	
	= <i>Y. schidigera</i> Roezl		
Yune	<i>neomexicana</i> Woot. & Standl.	New-Mexican yucca	
Yusc	<i>schottii</i> Engelm.	hoary yucca	Schotts yucca
		(Spanish-bayonet)	
Yuto	<i>torreyi</i> Shafer	Torrey yucca	
		(Spanish-dagger)	
ZIZI	<i>Ziziphus</i>	jujube	
Zuar	<i>Zuckia arizonica</i> Standl.	Arizona zuckia	_____





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