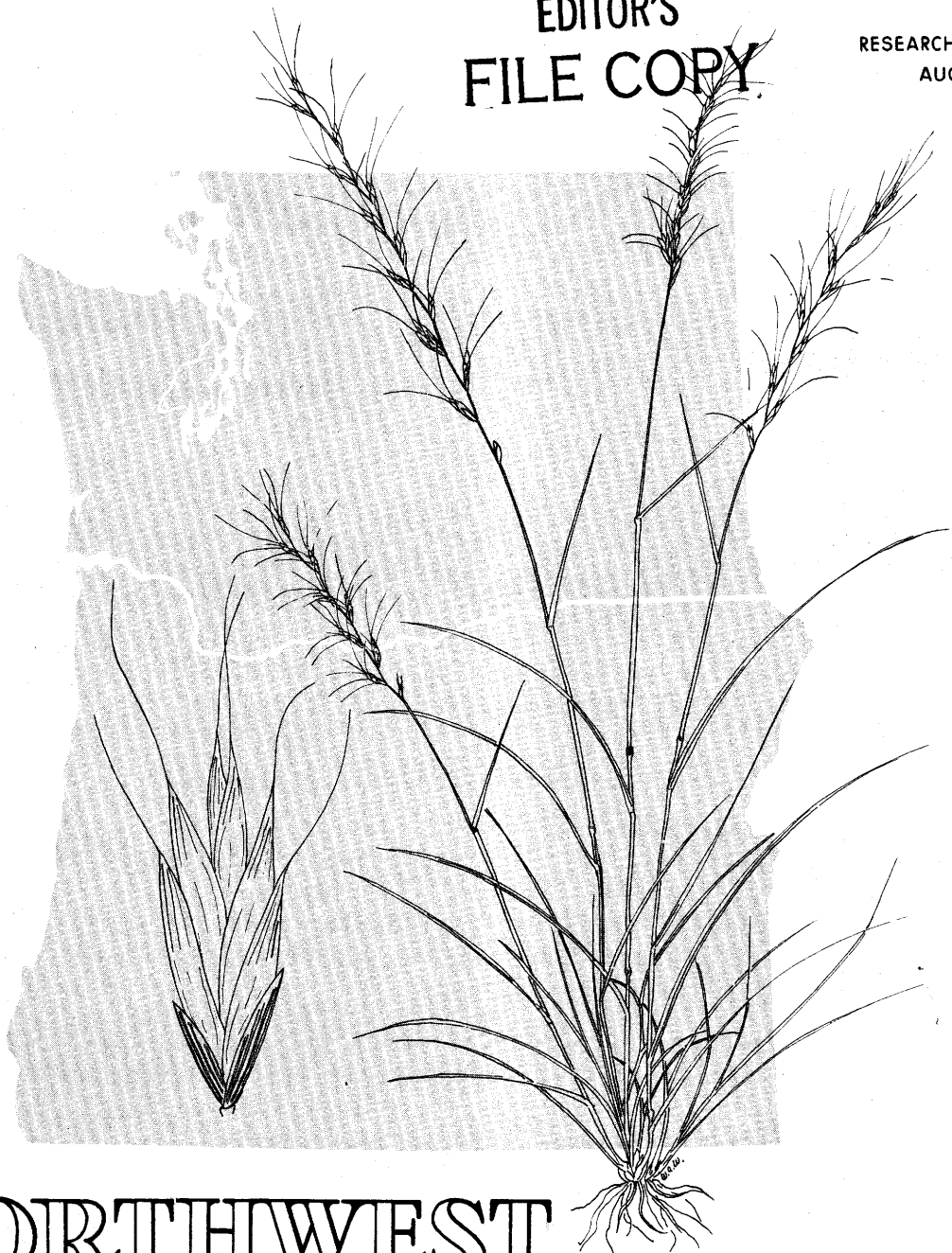


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NORTHWEST RANGE-PLANT SYMBOLS *ADAPTED TO AUTOMATIC DATA PROCESSING*

BY GEORGE A. GARRISON AND JON M. SKOVLIN



PACIFIC NORTHWEST
FOREST AND RANGE EXPERIMENT STATION
U. S. DEPT. OF AGRICULTURE • FOREST SERVICE

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by

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and

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August 1960

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FOREST AND RANGE EXPERIMENT STATION
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FOREST SERVICE

U.S. DEPARTMENT OF AGRICULTURE

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NORTHWEST RANGE-PLANT SYMBOLS

ADAPTED TO AUTOMATIC DATA PROCESSING

Many range technicians, agronomists, foresters, biologists, and botanists of various educational institutions and government agencies in the Northwest have been using a four-letter symbol list or code compiled 12 years ago from records of plants collected by the U. S. Forest Service in Oregon and Washington. This code has served well as a means of entering plant names on crowded field sheets without requiring a lot of memorization. In this respect it has proved superior to the old three-letter symbol list. Yet, about 400 changes in nomenclature have occurred since 1948 among the plants listed, and increased use is being made of automatic machines for processing data. Therefore it has become necessary to revise the list of scientific names of plants and to adapt the code to machine work.

The following taxonomic references were used to bring the scientific names up to date:

Abrams, LeRoy. 1951. Illustrated flora of the Pacific states. Vol. 3, 866 pp. Stanford, Calif.

Hermann, F. J. 1953. A botanical synopsis of the cultivated clovers (Trifolium). U. S. Dept. Agr. Agriculture Monog. 22, 45 pp., illus.

Hitchcock, A. S. 1950. Ed. 2 (rev. by Agnes Chase). Manual of the grasses of the United States. U. S. Dept. Agr. Misc. Pub. 200, 1051 pp., illus.

Hitchcock, C. Leo, Cronquist, Arthur, Ownbey, Marion, and Thompson, J. W. 1955. Vascular plants of the Pacific Northwest; pt. 5, Compositae, by Arthur Cronquist. 343 pp., illus. (Univ. Wash. pub. in biol., vol. 17.)

_____, Cronquist, Arthur, Ownbey, Marion, and Thompson, J. W. 1959. Vascular plants of the Pacific Northwest; pt. 4, Ericaceae through Campanulaceae, by C. Leo Hitchcock, Arthur Cronquist, and Marion Ownbey. 510 pp., illus. (Univ. Wash. pub. in biol., vol. 17.)

Little, Elbert L., Jr. 1953. Check list of native and naturalized trees of the United States (including Alaska). U. S. Dept. Agr. Handbook 41, 472 pp.

There is some overlap in the above taxonomic manuals, particularly those by C. L. Hitchcock, et al., and LeRoy Abrams. Since Hitchcock, et al., is more specific for the Northwest, all conflicts were resolved in favor of Hitchcock.

Scientific names which were rather recently found to be synonyms are underlined and enclosed in parentheses. The correct scientific name is listed immediately following the synonym, and also entered at the proper place in the symbol list. No attempt was made to provide a complete list of synonyms; in fact, most of the names recognized as synonyms prior to 1941 do not appear in this list. Symbols derived from names which are now synonyms are also enclosed in parentheses and should no longer be used.

Common names, with the principal exception of those for trees, are in accordance with the second edition of Standardized Plant Names by Harlan P. Kelsey and William A. Dayton, 1942. The check list of trees by Little was followed for common and scientific names of trees. U.S.D.A. Handbook No. 58, Grasses Introduced into the United States, 1953, by F. C. Weintraub, was used as a supplementary reference when no common name for an introduced grass could be found in Standardized Plant Names. Use of capital letters in common names, for all sections of the list, was restricted to words which are proper names.

ALPHA CODE

The alphabetic or "alpha" code is an easy-to-use space saver for plant name entries on crowded field sheets. In addition, the code can be used directly in advanced models of data-processing machines, such as the IBM 650. This means field data with letter-coded plant identification can be transferred directly from field sheets to punch cards and the cards machine-processed without some intermediate step for conversion of coding, such as required by those machines that handle only numerals.

In the alpha code, letter symbols are used which can be readily associated with the scientific names of plants. Four letters are used for specific plants, except where it is occasionally necessary to add a numeral to eliminate duplication or to add a fifth letter to designate a variety or subspecies. A five-letter symbol is commonly used when only the genus is to be recorded. For those workers unfamiliar with our system for forming letter symbols, five simple criteria are listed below:

1. Symbols for SPECIES binomials are composed of the first two letters of the genus and the first two of the species.
2. Symbols for SUBSPECIES or VARIETY trinomials are made up of five letters: the first two of the genus, the first two of the species, and the first letter of the variety or subspecies.
3. Where duplication of letter symbols for species binomials would occur, numbers are added to differentiate. The number is part of the symbol.

4. GENUS symbols are composed of the first five letters of the genus. Duplications are resolved by changing the fifth letter to one not common to the two or more genera involved. Eight genera have less than five letters to their names; hence, their names without any change become the symbols.
5. All letter symbols should be capitalized. Use of capitals reduces confusion between letters and possible confusion with numerals.

Knowledge of these few rules and an up-to-date familiarity with scientific names make it easy for many field workers to enter immediately the letter symbol of most any plant on their field sheets. Because of the few variations in the code, and to make use of the code easier for those unfamiliar with scientific names, it is suggested that field workers compile extracts of this publication and include only species found in the locality of their work.

NUMERIC CODE

If only conventional models of data-processing machines are available, automatic processing involving more than one species can be done if (1) numerical or "numeric" symbols are manually added to the field sheets (near the species listing) by a field sheet editor, or (2) numeric symbols are automatically added to punched data cards from an acquired set of master cards.

The numeric code is a six-digit system. For any one species, the first three digits signify the genus name; the last three, the specific name. Varieties are numbered as though they were a separate species. Here are examples of coding a genus alone and a species binomial: Agropyron is the first genus listed, so it has the numeric genus symbol of 001,000; Agropyron spicatum is the fifteenth species listed for this genus; hence the full binomial symbol is 001,015. This code was developed only for "editorial" and machine use. Field use of the numeric code is not recommended.

To date, the following range of genus numbers has been reserved for four groups of plants:

<u>Plant Group</u>	<u>Assigned Range</u>	<u>Unassigned Range</u>
Grasses	001,000 to 050,000	051,000 to 074,000
Grasslike	075,000 to 082,000	083,000 to 099,000
Forbs	100,000 to 482,000	483,000 to 699,000
Shrubs and trees	700,000 to 793,000	794,000 to 999,000

KEEPING CURRENT

From time to time this plant list with codes will be revised by the Experiment Station's Division of Range Management and Wildlife Habitat Research, which holds the master sheets for assigning plant symbols and resolving possible conflicts. The Station will welcome all requests or inquiries from institutions and agencies in the northwest about addition of needed symbols. Addenda to the codes will be sent to copy holders at irregular intervals, and the codes will be republished about every ten years.

Those who will use these codes may be struck by the question, "Why not extend use of the codes to a broader region or the Nation?" This was explored and it was found that a broader application greatly multiplied the conflicts in symbols and the idea was therefore abandoned. Hence it is recommended that workers needing a system of plant coding in other regions develop lists for their particular flora.

POISONOUS PLANT NOTATION

The designation of those plants which are definitely known to be poisonous is a feature which was added to the following list as an afterthought. This feature is not related to the coding but possibly adds another reference value to the list. Notation of poisonous properties was done by adding behind certain common names a slant sign (/) and the capital letter "C" for cattle or "S" for sheep, thus signifying class of livestock most often affected.

GRASSES

<u>Alpha Code</u>	<u>Numeric Code</u>	<u>Scientific Name</u>	<u>Common Name</u>
AGROP	001 000	Agropyron spp.	wheatgrass
AGAM	001 001	" amurense	Amur wheatgrass
AGCA	001 002	" caninum	
AGCR	001 003	" cristatum	fairway crested wheatgrass
AGDA	001 004	" dasystachyum	thickspike wheatgrass
AGDE	001 005	" desertorum	standard crested wheatgrass (desert wheatgrass)
AGEL	001 006	" elongatum	tall wheatgrass
AGIN	001 007	" inerme	beardless bluebunch wheat- grass
AGIN2	001 008	" intermedium	intermediate wheatgrass
AGPU	001 009	" pungens	stiffleaf quackgrass
AGRE	001 010	" repens	quackgrass
AGRI	001 011	" riparium	streambank wheatgrass
AGSA	001 012	" saxicola	foxtail wheatgrass
AGSI	001 013	" sibiricum	Siberian wheatgrass
AGSM	001 014	" smithii	bluestem wheatgrass
AGSP	001 015	" spicatum	bearded bluebunch wheat- grass
AGSU	001 016	" subsecundum	bearded wheatgrass
AGSUA	001 017	" " andinum	alpine bearded wheatgrass
AGTR	001 018	" trachycaulum	slender wheatgrass
AGTR2	001 019	" trichophorum	pubescent wheatgrass

GRASSES

<u>AGROS</u>	002 000	Agrostis spp.	bentgrass
AGAE	002 001	" aequivalvis	Alaska bentgrass
AGAL	002 002	" alba	redtop
AGDI	002 003	" diegoensis	thin bentgrass
AGEX	002 004	" exarata	spike bentgrass
AGHA	002 005	" hallii	Halls bentgrass
AGHI2	002 006	" hiemalis	winter bentgrass
AGHIG	002 007	" " geminata	arctic winter bentgrass
AGHU	002 008	" humilis	alpine bentgrass
AGOR	002 009	" oregonensis	Oregon bentgrass
AGPA2	002 010	" pallens	dune bentgrass
AGPA	002 011	" palustris	creeping bentgrass
AGRO	002 012	" rossae	Ross bentgrass
AGSC	002 013	" scabra	winter bentgrass
AGSE	002 014	" semiverticillata	water bentgrass
AGTE	002 015	" tenuis	colonial bentgrass
AGTEO	002 016	" " oregonensis	highland bentgrass
AGTH	002 017	" thurberiana	Thurber bentgrass
<u>AIRA</u>	003 000	Aira spp.	hairgrass
AICA	003 001	" caryophyllea	silver hairgrass
AIPR	003 002	" praecox	early hairgrass
<u>ALOPE</u>	004 000	Alopecurus spp.	foxtail
ALAE	004 001	" aequalis	shortawn foxtail
ALAR	004 002	" arundinaceus	reed foxtail (creeping foxtail)

GRASSES

ALGE	004 003	Alopecurus geniculatus	water foxtail
ALPR	004 004	" pratensis	meadow foxtail
<u>AMMOP</u>	005 000	Ammophila spp.	beachgrass
AMAR	005 001	" arenaria	European beachgrass
<u>ANTHO</u>	006 000	Anthoxanthum spp.	vernalgrass
ANAR4	006 001	" aristatum	annual vernalgrass
ANOD	006 002	" odoratum	sweet vernalgrass
<u>ARIST</u>	007 000	Aristida spp.	threeawn
ARLOR	007 001	" longiseta robusta	red threeawn
AROL	007 002	" oligantha	prairie threeawn
<u>ARRHE</u>	008 000	Arrhenatherum spp.	oatgrass
AREL	008 001	" elatius	tall oatgrass
<u>AVENA</u>	009 000	Avena spp.	oat
AVFA	009 001	" fatua	wild oat

- B -

<u>BECKM</u>	010 000	Beckmannia spp.	sloughgrass
Besy	010 001	" syzigachne	American sloughgrass
<u>BRIZA</u>	011 000	Briza spp.	quakinggrass
BRMA2	011 001	" maxima	big quakinggrass
BRMI	011 002	" minor	little quakinggrass

GRASSES

<u>BROMU</u>	012 000	Bromus spp.	brome
BRBR2	012 001	" breviaristatus	slimleaf brome
BRBR	012 002	" brizaeformis	rattle brome
BRCA	012 003	" carinatus	California brome
BRCI	012 004	" ciliatus	fringed brome
BRCO	012 005	" commutatus	hairy brome
BRER	012 006	" erectus	meadow brome
BRIN	012 007	" inermis	smooth brome
BRLA	012 008	" laevipes	Chinook brome
BRMA	012 009	" marginatus	mountain brome
BRMO	012 010	" mollis	soft brome
BROR	012 011	" orcuttianus	Orcutt brome
BRPU2	012 012	" pumpellianus	Pumpelly brome
BRRA	012 013	" racemosus	bald brome
BRR1	012 014	" rigidus	ripgut brome
BRRU	012 015	" rubens	foxtail brome
BRSE	012 016	" secalinus	chess brome
BRSU	012 017	" suksdorfii	Suksdorf brome
BRTE	012 018	" tectorum	cheatgrass brome
BRTEG	012 019	" " glabratus	
BRTO	012 020	" tomentellus	Russian brome
BRTR	012 021	" trinii	Chilean brome
BRVU	012 022	" vulgaris	Columbia brome

GRASSES

- C -

<u>CALAM</u>	013 000	Calamagrostis spp.	reedgrass
CACA6	013 001	" californica	Sierra reedgrass
CACA	013 002	" canadensis	bluejoint reedgrass
CAIN	013 003	" inexpansa	northern reedgrass
CAKO	013 004	" koelerioides	fire reedgrass
CANE3	013 005	" neglecta	slimstem reedgrass
CANU2	013 006	" mutkaensis	Pacific reedgrass
CAPU	013 007	" purpurascens	purple pinegrass
CARU	013 008	" rubescens	pinegrass
CATW	013 009	" tweedyi	Cascades reedgrass
 <u>CINNA</u>	 014 000	 Cinna spp.	 woodreed
CILA2	014 001	" latifolia	drooping woodreed
 <u>CYNOS</u>	 015 000	 Cynosurus spp.	 dogtail
CYCR	015 001	" cristatus	crested dogtail
CYEC	015 002	" echinatus	hedgehog dogtail

- D -

<u>DACTY</u>	016 000	Dactylis spp.	orchardgrass
DAGL	016 001	" glomerata	orchardgrass

GRASSES

<u>DANTH</u>	017 000	Danthonia spp.	Danthonia
DACA	017 001	" californica	California danthonia
DACAA	017 002	" " americana	hairy California danthonia
DAIN	017 003	" intermedia	timber danthonia
DAUN	017 004	" unispicata	onespike danthonia
<u>DESCH</u>	018 000	Deschampsia spp.	hairgrass
DEAT	018 001	" atropurpurea	mountain hairgrass
DECA	018 002	" caespitosa	tufted hairgrass
DEDA	018 003	" danthonioides	annual hairgrass
DEEL	018 004	" elongata	slender hairgrass
<u>DIGIT</u>	019 000	Digitaria spp.	crabgrass
DIIS	019 001	" ischaemum	smooth crabgrass
DISA	019 002	" sanguinalis	hairy crabgrass
<u>DISTI</u>	020 000	Distichlis spp.	saltgrass
DISP	020 001	" spicata	seashore saltgrass

- E -

<u>ECHIN</u>	021 000	Echinochloa spp.	cockspur
ECCR	021 001	" crusgalli	barnyardgrass
ECCRF	021 002	" " frumentacea	Japanesemillet

GRASSES

<u>ELYMU</u>	022 000	Elymus spp.	wildrye
ELAR	022 001	" arenicola	sand wildrye
ELAR2	022 002	" aristatus	purple wildrye
ELCA	022 003	" canadensis	Canada wildrye
ELCA2	022 004	" caput-medusae	medusahead wildrye
ELCI	022 005	" cinereus	(giant wildrye)
ELCO	022 006	" condensatus	(not occurring in N. W.)
ELGL	022 007	" glaucus	blue wildrye
ELGLJ	022 008	" " jepsoni	Jepson wildrye
ELJU	022 009	" junceus	Russian wildrye
ELMA2	022 010	" macouni	Macoun wildrye
ELMO	022 011	" mollis	common dune wildrye
ELTR	022 012	" triticoides	creeping wildrye
<u>ERAGR</u>	023 000	Eragrostis spp.	lovegrass
ERCI2	023 001	" cilianensis	stinkgrass
<u>FESTU</u>	024 000	Festuca spp.	fescue
FEAR2	024 001	" arida	desert fescue
FEAR	024 002	" arizonica	Arizona fescue
FEAR3	024 003	" arundinacea	reed fescue
FECA	024 004	" californica	California fescue
FEDE	024 005	" dertonensis	brome fescue
FEEL	024 006	" elatior	meadow fescue
FEGR	024 007	" grayi	Grays fescue
FEID	024 008	" idahoensis	Idaho fescue

GRASSES

FEME	024 009	Festuca megalura	foxtail fescue
FEMI	024 010	" microstachys	small fescue
FEMY	024 011	" myuros	rattail fescue
FEOC	024 012	" occidentalis	western fescue
FEOC2	024 013	" octoflora	sixweeks fescue
FEOV	024 014	" ovina	sheep fescue
FEOVB	024 015	" " brachyphylla	alpine fescue
FEPa	024 016	" pacifica	Pacific fescue
FERE	024 017	" reflexa	twoflower fescue
FERU	024 018	" rubra	red fescue
FERUC	024 019	" " commutata	Chewings fescue
FERUS	024 020	" " stolonifera	creeping red fescue
FESC	024 021	" scabrella	rough fescue
FESU	024 022	" subulata	bearded fescue
FESU2	024 023	" subuliflora	crinkleawn fescue
FEVI	024 024	" viridula	green fescue
<u>GASTR</u>	025 000	Gastridium spp.	nitgrass
GAVE2	025 001	" ventricosum	nitgrass
<u>GLYCE</u>	026 000	Glyceria spp.	mannagrass
GLEL	026 001	" elata	tall mannagrass
GLGR	026 002	" grandis	American mannagrass
GLPA	026 003	" pauciflora	weak mannagrass
GLST	026 004	" striata	fowl mannagrass

GRASSES

<u>HIERO</u>	027 000	Hierochloe spp.	sweetgrass
HIOC	027 001	" occidentalis	California sweetgrass
<u>HOLCU</u>	028 000	Holcus spp.	velvetgrass
HOLA	028 001	" lanatus	common velvetgrass
<u>HORDE</u>	029 000	Hordeum spp.	barley
HOBR	029 001	" brachyantherum	northern meadow barley
HOBV	029 002	" bulbosum	bulbous barley
HODE2	029 003	" depressum	meadow barley
(HOGU)	--- --- (	" <u>gussonianum</u>) H. hystrix	
HOHY	029 004	" hystrix	Mediterranean barley
HOJU	029 005	" jubatum	foxtail barley
HOMU	029 006	" murinum	mouse barley
(HONO)	--- --- (	" <u>nodosum</u>) H. depressum	
(HONOB)	--- --- (	" " <u>boreale</u>) H. brachyantherum	

- K -

<u>KOELE</u>	030 000	Koeleria spp.	koeleria
KOCR	030 001	" cristata	prairie junegrass

- L -

<u>LOLIU</u>	031 000	Lolium spp.	ryegrass
LOMU	031 001	" multiflorum	Italian ryegrass
LOPE	031 002	" perenne	perennial ryegrass

GRASSES

LORE	031 003	Lolium remotum	hardy ryegrass
LOTE	031 004	" temulentum	dark red ryegrass

- M -

<u>MELIC</u>	032 000	Melica spp.	melic; oniongrass
MEAR	032 001	" aristata	bearded melic
MEBU	032 002	" bulbosa	oniongrass
MEFU	032 003	" fugax	little oniongrass
MEGE	032 004	" geyeri	Geyer oniongrass
MEHA	032 005	" harfordii	Harford melic
MESM	032 006	" smithii	Smith melic
MESP	032 007	" spectabilis	showy oniongrass
MEST	032 008	" stricta	rock melic
MESU	032 009	" subulata	Alaska oniongrass
<u>MUHLE</u>	033 000	Muhlenbergia spp.	muhly
MUAN	033 001	" andina	foxtail muhly
MUAS	033 002	" asperifolia	alkali muhly
MUFI	033 003	" filiformis	pullup muhly
MUJO	033 004	" jonesii	Modoc muhly
MUMI	033 005	" minutissima	
MURI	033 006	" richardsonis	
(MUSQ)	--- ---	(" squarrosa) M. richardsonis	mat muhly

GRASSES

- 0 -

<u>ORYZO</u>	034 000	Oryzopsis spp.	ricegrass
OREX	034 001	" exigua	little ricegrass
ORHE	034 002	" hendersoni	Henderson ricegrass
ORHY	034 003	" hymenoides	Indian ricegrass
ORWE	034 004	" webberi	Webber ricegrass

- P -

<u>PANIC</u>	035 000	Panicum spp.	panicum; witchgrass
PACA	035 001	" capillare	common witchgrass
PACAO	035 002	" " occidentale	cushion witchgrass
PASC	035 003	" scribnerianum	Scribner panicum
POHO	035 004	" pacificum	Pacific panicum
<u>PENNI</u>	036 000	Pennisetum spp.	pennisetum
PEGL3	036 001	" glaucum	pearlmillet
<u>PHALA</u>	037 000	Phalaris spp.	canarygrass
PHAR	037 001	" arundinacea	reed canarygrass
PHCA	037 002	" canariensis	canarygrass
<u>PHLEU</u>	038 000	Phleum spp.	timothy
PHAL	038 001	" alpinum	alpine timothy
PHBO	038 002	" boehmeri	

GRASSES

PHPH	038 003	Phleum phleoides	dryland timothy
PHPR	038 004	" pratense	timothy
<u>PHRAG</u>	039 000	Phragmites spp.	reed
PHCO	039 001	" communis	common reed
<u>PLEUR</u>	040 000	Pleuropogon spp.	semaphoregrass
PLRE	040 001	" refractus	nodding semaphoregrass
<u>POA</u>	041 000	Poa spp.	bluegrass
POAL	041 001	" alpina	alpine bluegrass
POAM	041 002	" ampla	big bluegrass
POAN	041 003	" annua	annual bluegrass
POAR2	041 004	" arctica	arctic bluegrass
POBO	041 005	" bolanderi	Bolander bluegrass
POBU	041 006	" bulbosa	bulbous bluegrass
POCA	041 007	" canbyi	Canby bluegrass
POCO	041 008	" compressa	Canada bluegrass
POCU	041 009	" cusickii	Cusick bluegrass
POEP	041 010	" epilis	skyline bluegrass
POGR2	041 011	" gracillima	slender bluegrass
POHO	041 012	" howellii	Howell bluegrass
POIN	041 013	" interior	inland bluegrass
POJU	041 014	" juncifolia	alkali bluegrass
POLE2	041 015	" leibergii	Leiberg bluegrass
POLE	041 016	" leptocoma	bog bluegrass
POLE3	041 017	" lettermani	Letterman bluegrass

GRASSES

POL03	041 018	Poa longifolia	
POLO	041 019	" longiligula	longtongue mutton bluegrass
POMA	041 020	" macrantha	seashore bluegrass
PONE2	041 021	" nevadensis	Nevada bluegrass
PONE	041 022	" nervosa	Wheeler bluegrass
POPA	041 023	" palustris	fowl bluegrass
POPR	041 024	" pratensis	Kentucky bluegrass
POPR2	041 025	" pringlei	Pringle bluegrass
PORE	041 026	" reflexa	nodding bluegrass
PORH2	041 027	" rhizomata	Siskiyou bluegrass
PORU	041 028	" rupicola	timberline bluegrass
POSC	041 029	" scabrella	pine bluegrass
POSE	041 030	" secunda	Sandberg bluegrass
POST	041 031	" stenantha	Trinius bluegrass
POTR3	041 032	" trivialis	roughstalk bluegrass
POVA	041 033	" vaseyochloa	Oregon bluegrass
<u>POLYP</u>	042 000	Polypogon spp.	polypogon
POIN2	042 001	" interruptus	ditch polypogon
PCMO	042 002	" monspeliensis	rabbitfoot polypogon
<u>PUCCI</u>	043 000	Puccinellia spp.	alkaligrass
PUAI	043 001	" airoides	Nuttall alkaligrass
PUDI	043 002	" distans	weeping alkaligrass
PULE	043 003	" lemmoni	Lemmon alkaligrass
(PUNU)	--- --- (	" • <u>nuttalliana</u>) P. airoides	

GRASSES

- S -

<u>SETAR</u>	044 000	Setaria spp.	bristlegrass; millet
SELU	044 001	" lutescens	yellow bristlegrass
SEVI	044 002	" viridis	green bristlegrass
<u>SITAN</u>	045 000	Sitanion spp.	squirreltail
SIHA	045 001	" hanseni	Hansen squirreltail
SIHY	045 002	" hystrix	bottlebrush squirreltail
SIJU	045 003	" jubatum	big squirreltail
<u>SPART</u>	046 000	Spartina spp.	cordgrass
SPGR	046 001	" gracilis	alkali cordgrass
<u>SPORO</u>	047 000	Sporobolus spp.	dropseed
SPCR	047 001	" cryptandrus	sand dropseed
(SPMI)	--- ---	(" <u>microspermus</u>) Muhlenbergia minutissima	
<u>STIPA</u>	048 000	Stipa spp.	needlegrass
STCA	048 001	" californica	Pacific needlegrass
STCO	048 002	" columbiana	subalpine needlegrass
STCON	048 003	" " nelsoni	big subalpine needlegrass
STCO2	048 004	" comata	needleandthread
STCOI	048 005	" " intermedia	Tweedy needlegrass

GRASSES

STEL	048 006	Stipa elmeri	Elmer needlegrass
STLE2	048 007	" lemmoni	Lemmon needlegrass
STLE	048 008	" lettermani	Letterman needlegrass
STOC	048 009	" occidentalis	western needlegrass
STSC2	048 010	" scribneri	Scribner needlegrass
STTH	048 011	" thurberiana	Thurber needlegrass
STVI	048 012	" viridula	green needlegrass
STWI	048 013	" williamsii	Williams needlegrass

- T -

<u>TRISE</u>	049 000	Trisetum spp.	trisetum
TRCA	049 001	" canescens	tall trisetum
TRCE	049 002	" cernuum	nodding trisetum
TRSP	049 003	" spicatum	spike trisetum
TRWO	049 004	" wolfii	Wolfs trisetum
<u>TRITI</u>	050 000	Triticum spp.	wheat
TRAE	050 001	" aestivum	wheat

NOTES

GRASSLIKE PLANTS

<u>CAREX</u>	075 000	Carex spp.	sedge
CAAB	075 001	" ablata	wingseed sedge
CAAM	075 002	" amplifolia	bigleaf sedge
CAAQ	075 003	" aquatilis	water sedge
CAAT	075 004	" athrostachya	slenderbeak sedge
CAAU	075 005	" aurea	golden sedge
CABO	075 006	" bolanderi	Bolander sedge
CABR	075 007	" breweri	Brewer sedge
CABU3	075 008	" buxbaumii	Buxbaum sedge
CACA2	075 009	" californica	California sedge
CACA3	075 010	" campylocarpa	Crater Lake sedge
CACA4	075 011	" canescens	
CACO	075 012	" concinnoides	northwestern sedge
CACU2	075 013	" cusickii	Cusick sedge
CADE	075 014	" deweyana	Dewey sedge
CADI	075 015	" disperma	
CADO	075 016	" douglasii	Douglas sedge
CAEP	075 017	" epapillosa	
CAEU	075 018	" eurycarpa	widefruit sedge
CAEX	075 019	" exsiccata	Columbia sedge
CAFE	075 020	" festivella	ovalhead sedge
CAFI	075 021	" filifolia	threadleaf sedge
CAGE	075 022	" geyeri	elk sedge
CAGY	075 023	" gymnoclada	
CAHA	075 024	" haydeniana	Hayden sedge

GRASSLIKE PLANTS

CAHE	075 025	Carex hendersoni	
CAHO	075 026	" hoodii	Hood sedge
CAIL	075 027	" illota	sheep sedge
CAIN4	075 028	" inops	
CAIN2	075 029	" integra	
CAIN3	075 030	" interrupta	
CAJO	075 031	" jonesii	
CAKE	075 032	" kelloggii	Kellogg sedge
CALA	075 033	" laeviculmis	
CALA3	075 034	" lanuginosa	woolly sedge
CALE3	075 035	" leporinella	
CALE4	075 036	" leptopoda	
CALI	075 037	" limosa	mud sedge
CALU	075 038	" luzulina	
CAMA2	075 039	" macrocephala	
CAME2	075 040	" mertensii	Mertens sedge
CAMI	075 041	" microptera	smallwing sedge
CANE	075 042	" nebraskensis	Nebraska sedge
CANE2	075 043	" neurophora	
CANI2	075 044	" nigricans	black alpine sedge
(CANU)	--- --- (	" <u>nubicola</u>) C. harden- iana	cloud sedge
CANU3	075 045	" nudata	
CAOR	075 046	" oregonensis	Oregon sedge

GRASSLIKE PLANTS

CAPA2	075 047	Carex	pachycarpa	
CAPA	075 048	"	pachystachya	Chamisso sedge
CAPA4	075 049	"	pansa	
CAPE	075 050	"	petasata	Liddon sedge
CAPH	075 051	"	phaeocephala	Dunhead sedge
CAPR	075 052	"	praticola	
CAPR2	075 053	"	preslii	Presl sedge
CARA	075 054	"	raynoldsi	Raynolds sedge
CARE	075 055	"	retrorsa	
CARO	075 056	"	rossii	Ross sedge
CARO2	075 057	"	rostrata	beaked sedge
CASA	075 058	"	saximontana	Rocky Mountain sedge
CASI	075 059	"	siccata	silvertop sedge
CASI2	075 060	"	simulata	analogue sedge
CASI3	075 061	"	sitchensis	Sitka sedge
CASP	075 062	"	spectabilis	
CAST	075 063	"	stipata	sawbeak sedge
CAST2	075 064	"	straminiformis	
CAST3	075 065	"	stylosa	
CASU2	075 066	"	substricta	
CATE	075 067	"	teneraeformis	Sierraslim sedge
CATO2	075 068	"	tolmiei	Tolmie sedge
CAVE	075 069	"	vesicaria	blister sedge
CAVI	075 070	"	viridior	

GRASSLIKE PLANTS

<u>CYPER</u>	076 000	Cyperus spp.	Flatsedge
CYER	076 001	" eragrostis	

- E -

<u>ELBOC</u>	077 000	Eleocharis spp.	spikesedge
ELBO	077 001	" bolanderi	
ELMA	077 002	" macrostachya	longstem spikesedge
ELPA	077 003	" palustris	common spikesedge
ELPA2	077 004	" pauciflora	fewflowered spikesedge
<u>ERIOP</u>	078 000	Eriophorum spp.	cottonsedge
ERCH2	078 001	" chamissonis	Chamisso cottonsedge
ERGR2	078 002	" gracile	slender cottonsedge

- J -

<u>JUNCU</u>	079 000	Juncus spp.	rush
JUBA	079 001	" balticus	Baltic rush
JUBAM	079 002	" " , montanus	
JUBO	079 003	" bolanderi	Bolander rush
JUBR	079 004	" brachyphyllus	

GRASSLIKE PLANTS

JUBU	079 005	Juncus	bufonius	toad rush
JUCO3	079 006	"	columbianus	Columbian rush
JUCO	079 007	"	confusus	Colorado rush
JUCO2	079 008	"	covillei	Coville rush
JUDR	079 009	"	drummondii	Drummond rush
JUDU	079 010	"	dudleyi	Dudley rush
JUEF	079 011	"	effusus	common rush
JUEFB	079 012	"	" brunneus	
JUEFG	079 013	"	" gracilis	
JUEN	079 014	"	ensifolius	swordleaf rush
JUFI	079 015	"	filiformis	
JULE	079 016	"	lescurii	Pacific rush
JUME	079 017	"	mertensianus	Mertens rush
JUNE	079 018	"	nevadensis	Nevada rush
JUOC2	079 019	"	occidentalis	western rush
JUOR	079 020	"	orthophyllus	
JUPA	079 021	"	parryi	Parry rush
JURE	079 022	"	regelii	Regel rush
JUSA	079 023	"	saximontanus	Rocky Mountain rush
JUTO	079 024	"	torreyi	Torrey rush

GRASSLIKE PLANTS

- L -

<u>LUZUL</u>	080 000	Luzula spp.	woodrush
LUCA2	080 001	" campestris	field woodrush
LUCO	080 002	" comosa	hairy woodrush
LUDI	080 003	" divaricata	
LUGL	080 004	" glabrata	
LUPA	080 005	" parviflora	millet woodrush
LUSP	080 006	" spicata	spike woodrush
LUWA	080 007	" wahlenbergii	Wahlenberg woodrush

- S

<u>SCIRP</u>	081 000	Scirpus spp.	bulrush
SCAM	081 001	" americanus	American bulrush
SCAT	081 002	" atrovirens	green bulrush
SCMI	081 003	" microcarpus	panicled bulrush
SCOL	081 004	" olneyi	Olney bulrush
SCVA	081 005	" validus	softstem bulrush

- T -

<u>TRIGL</u>	082 000	Triglochin spp.	podgrass
TRMA2	082 001	" maritima*	shore podgrass/SC

FORBS

<u>ABRON</u>	100 000	Abronia spp.	sandverbena
ABLA	100 001	" latifolia	yellow sandverbena
ABUM	100 002	" umbellata	pink sandverbena
<u>ACHIL</u>	101 000	Achillea spp.	yarrow
(ACLA)	--- ---	(" <u>lanulosa</u>) A. mille- folium lanulosa	
ACMIL	101 001	" millefolium lanu- losa	common yarrow
<u>ACHLY</u>	102 000	Achlys spp.	vanillaleaf
ACTR	102 001	" triphylla	deerfoot vanillaleaf
<u>ACHYR</u>	103 000	Achyrrachaena spp.	
ACMO	103 001	" mollis	blowwives
<u>ACONI</u>	104 000	Aconitum spp.	monkshood
ACCO	104 001	" columbianum*	Columbia monkshood/S
ACGR	104 002	" gracilentum	
ACHE	104 003	" helleri	Heller monkshood
<u>ACTAE</u>	105 000	Actaea spp.	baneberry
ACAR	105 001	" arguta	western baneberry
<u>ADENO</u>	106 000	Adenocaulon spp.	adenocaulon
ADBI	106 001	" bicolor	American adenocaulon
<u>ADIAN</u>	107 000	Adiantum spp.	maidenhair
ADPEA	107 001	" pedatum aleuticum	

FORBS

<u>AGAST</u>	108 000	Agastache spp.	gianthyssop
AGFO	108 001	" foeniculum	fennel gianthyssop
AGOC	108 002	" occidentalis	
AGUR	108 003	" urticifolia	nettleleaf gianthyssop
<u>AGOSE</u>	109 000	Agoseris spp.	agoseris
(AGAL2)	--- --- (	" <u>alpestris</u>) Micros- eris alpestris	
AGAP	109 001	" apargioides	seaside agoseris
AGAU	109 002	" aurantiaca	orange agoseris
AGEL2	109 003	" elata	tall agoseris
AGGL	109 004	" glauca	pale agoseris
(AGGR)	--- --- (	" <u>gracilens</u>) A. auran- tiaca	slender agoseris
AGGR	109 005	" grandiflora	bigflower agoseris
AGHE	109 006	" heterophylla	annual agoseris
(AGLA)	--- --- (	" <u>laciniata</u>) A. glauca	
(AGSCA)	--- --- (	" <u>scorzoneræfolia aspera</u>) A. glauca	
(AGTA)	--- --- (	" <u>taraxacifolia</u>) A. glauca	dandelion agoseris
AGTE2	109 007	" tenuifolia	
<u>ALLIU</u>	110 000	Allium spp.	onion
ALAC	110 001	" acuminatum	tapertip onion
ALAM	110 002	" amplexans	slimleaf onion
ALAN	110 003	" anceps	
(ALBI)	--- --- (	" <u>bisceptrum</u>) A. palmeri	

FORBS

ALCA	110 004	Allium campanulatum	Sierra onion
ALCE	110 005	" cernuum	nodding onion
ALCR	110 006	" crenulatum	
ALCU	110 007	" cusickii	Cusick onion
ALDO	110 008	" douglasii	Douglas onion
ALFA	110 009	" falcifolium	sickleleaf onion
ALFI	110 010	" fibrillum	BlueMountains onion
ALGE2	110 011	" geyeri	Geyer onion
ALMA	110 012	" macrum	BlueMountains onion
ALNE	110 013	" nevii	Nevins onion
ALPA	110 014	" palmeri	Palmer onion
ALPL	110 015	" platycaule	flatstem onion
ALPL2	110 016	" pleianthum	
ALSE	110 017	" serratum	serrate onion
ALTO	110 018	" tolmiei	Tolmie onion
ALVA	110 019	" validum	Pacific onion
<u>ALLOT</u>	111 000	Allotropa spp.	
ALVI	111 001	" virgata	candystick
<u>AMARA</u>	112 000	Amaranthus spp.	amaranth
AMHY	112 001	" hybridus	slim amaranth
AMRE	112 002	" retroflexus	redroot amaranth
<u>AMBRO</u>	113 000	Ambrosia spp.	ragweed
AMAR2	113 001	" artemisifolia	common ragweed

FORBS

<u>AMORP</u>	114 000	Amorpha spp.	Amorpha
<u>AMSIN</u>	115 000	Amsinckia spp.	fiddleneck
AMIN	115 001	" intermedia	fireweed fiddleneck
AMLY	115 002	" lycopsioides	tarweed fiddleneck
AMME	115 003	" menziesii	Menzies fiddleneck
<u>ANAGA</u>	116 000	Anagallis spp.	pimpernel
ANAR3	116 001	" arvensis	scarlet pimpernel
<u>ANAPH</u>	117 000	Anaphalis spp.	pearleverlasting
ANMA	117 001	" margaritacea	common pearleverlasting
ANMAO	117 002	" " occi- dentalis	western common pearleverlas- ting
ANMAS	117 003	" " subalpina	western common pearleverlas- ting
<u>ANCHU</u>	118 000	Anchusa spp.	bugloss
ANAZ	118 001	" azurea	Italian bugloss
ANOF	118 002	" officinalis	common bugloss
<u>ANDRO</u>	119 000	Androsace spp.	rockjasmine
ANFI	119 001	" filiformis	
<u>ANEMO</u>	120 000	Anemone spp.	anemone
ANDE	120 001	" deltoidea	threeleaf anemone
ANDR	120 002	" drummondii	Drummond anemone
ANGL	120 003	" globosa	Pacific anemone
ANHU	120 004	" hudsoniana	Hudsonian anemone

FORBS

ANLU2	120	005	Anemone ludoviciana	American pasqueflower
ANLY2	120	006	" lyallii	Lyall anemone
ANNE	120	007	" nemorosa	European wood anemone
ANOC	120	008	" occidentalis	western pasqueflower
ANOR	120	009	" oregana	Oregon anemone
ANPI	120	110	" piperi	Piper anemone
<u>ANGEL</u>	121	000	Angelica spp.	angelica
ANAR2	121	001	" arguta	sharptooth angelica
ANCA	121	002	" canbyi	Canby angelica
ANGE	121	003	" genuflexa	
ANHE	121	004	" hendersoni	Henderson angelica
(ANLY)	---	---	(" <u>lyallii</u>) A. arguta	Lyall angelica
<u>ANTEN</u>	122	000	Antennaria spp.	pussytoes
ANAN	122	001	" anaphaloides	
ANAR	122	002	" argentea	
ANDI	122	003	" dimorpha	low pussytoes
ANGE2	122	004	" geyeri	
ANLA	122	005	" lanata	woolly pussytoes
ANLU	122	006	" luzuloides	rush pussytoes
ANMI	122	007	" microcephala	
ANPU	122	008	" pulcherrima	showy pussytoes
ANRA	122	009	" racemosa	raceme pussytoes
ANRO	122	010	" rosea	rose pussytoes
ANSP	122	011	" speciosa	

FORBS

ANSU	122 012	Antennaria suffrutescens	
ANUM	122 013	" umbrinella	umber pussytoes
<u>ANTHE</u>	123 000	Anthemis spp.	camomile
ANCO	123 001	" cotula	mayweed comomile
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		(<u>Aplopappus</u>) Haplopappus	
<u>APARG</u>	124 000	Apargidium spp.	
APBO	124 001	" boreale	
<u>APOCY</u>	125 000	Apocynum spp.	dogbane
APAN	125 001	" androsaemifolium	spreading dogbane
(APPU)	---	(" <u>pumilum</u>) A. andros- aemifolium	low dogbane
APTO	125 002	" tomentellum	
<u>AQUIL</u>	126 000	Aquilegia spp.	columbine
AQFL	126 001	" flavescens	yellow columbine
AQFO	126 002	" formosa	Sitka columbine
<u>ARABI</u>	127 000	Arabis spp.	rockcress
ARAC	127 001	" aculeolata	wall rockcress
ARCU	127 002	" cusickii	Cusick rockcress
ARDR2	127 003	" drummondii	Drummond rockcress
ARGL	127 004	" glabra	towermustard rockcress
ARHI	127 005	" hirsuta	hairy rockcress
ARHIG	127 006	" " glabrata	
ARHIP	127 007	" " pycnocarpa	common hairy rockcress
ARHO	127 008	" holboellii	Holboell rockcress

FORBS

ARKO	127 009	Arabis koehleri	red rockcress
ARLY	127 010	" lyallii	Lyall rockcress
ARM12	127 011	" microphylla	littleleaf rockcress
ARMO2	127 012	" modesta	
AROR	127 013	" oregana	Oregon rockcress
ARPE	127 014	" perelegans	
ARPLH	127 015	" platysperma howellii	
ARPU	127 016	" puberula	
ARSU	127 017	" subpinnatifida	
ARSU2	127 018	" suffrutescens	woody rockcress
<u>ARENA</u>	128 000	Arenaria spp.	sandwort
ARAC2	128 001	" aculeata	
ARBU	128 002	" burkei	Burke sandwort
ARCA2	128 003	" capillaris	
ARCAA	128 004	" " americana	
ARCO2	128 005	" congesta	ballhead sandwort
ARDO2	128 006	" douglasii	Douglas sandwort
(ARFO2)	--- --- (	" <u>formosa</u>) A. capil- laris americana	fescue sandwort
(ARLA2)	--- --- (	" <u>lateriflora</u>) Moeh- ringia lateriflora	bluntleaf sandwort
(ARMA2)	--- --- (	" <u>macrophylla</u>) Moeh- ringia macrophylla	
ARNU	128 007	" nuttallii	
ARPU2	128 008	" pumicola	

FORBS

ARSA	128 009	Arenaria sajanensis	Siberian sandwort
ARUI	128 010	" uintahensis	Uinta sandwort
<u>ARMER</u>	129 000	Armeria spp.	
ARMAC	129 001	" maritima californica (Statice arctica californica)	California common thrift
<u>ARNIC</u>	130 000	Arnica spp.	arnica
ARAM	130 001	" amplexicaulis	
(ARDU)	--- --- (	" <u>aurantiaca</u>) A. rydbergii	
(ARBE)	--- --- (	" <u>betonicaefolia</u>) A. la- tifolia	betony arnica
ARCH	130 002	" chamissonis	chamisso arnica
ARCO	130 003	" cordifolia	heartleaf arnica
ARDI	130 004	" discoidea	
(ARFO)	--- --- (	" <u>foliosa</u>) A. chamis- sonis	leafy arnica
ARFU	130 005	" fulgens	orange arnica
ARLA	130 006	" latifolia	broadleaf arnica
ARLO	130 007	" longifolia	longleaf arnica
(ARMA2)	--- --- (	" <u>macounii</u>) A. amplexi- caulis	
ARMO	130 008	" mollis	hairy arnica
ARPA3	130 009	" parryi	rayless arnica
(ARPA2)	--- --- (	" <u>parviflora</u>) A. dis- coidea	
ARRY	130 110	" rydbergii	Rydberg arnica
ARSO	130 111	" sororia	

FORBS

<u>ARTEM</u>	131 000	Artemisia spp. (Also see shrubs)	sagebrush
(ARGN)	--- ---	(" <u>gnaphalodes</u>) A. ludoviciana	cudweed sagebrush
ARMI	131 001	" michauxiana	Michaux sagebrush
ARNO	131 002	" norvegica	
<u>ARUNC</u>	132 000	Aruncus spp.	goatsbeard
ARSY	132 001	" sylvester	sylvan goatsbeard
<u>ASARU</u>	133 000	Asarum spp.	wildginger
ASCA3	133 001	" caudatum	British Columbia wildginger
<u>ASCLE</u>	134 000	Asclepias spp.	milkweed
ASCO4	134 001	" cordifolia	
ASF	134 002	" fascicularis*	Mexican milkweed/SC
(ASME)	--- ---	(" <u>mexicana</u>) A. fascicularis	
ASSP	134 003	" speciosa*	showy milkweed/SC
<u>ASPER</u>	135 000	Asperugo spp.	
ASPR	135 001	" procumbens	
<u>ASTER</u>	136 000	Aster spp.	aster
(ASAD)	--- ---	(" <u>adscendens</u>) A. chilensis	longleaf aster
ASAL	136 001	" alpigenus	
ASBR	136 002	" brickellioides	
ASCA2	136 003	" campestris	
ASCA	136 004	" canescens	hoary aster

FORBS

ASCH	136 005	Aster chilensis	Pacific aster
ASCO	136 006	" conspicuus	showy aster
ASCU	136 007	" curtus	Curtus aster
(ASCU2)	--- --- ("	<u>cusickii</u>) A. foliaceus	Cusick aster
ASEA	136 008	" eatonii	Batons aster
ASEN	136 009	" engelmanni	Engelmann aster
ASFO	136 010	" foliaceus	leafybract aster
(ASFR)	--- --- ("	<u>fremonti</u>) A. occident- talis	Fremont aster
ASIN	136 011	" integrifolius	thickstem aster
ASJE	136 012	" jessicae	Jessica aster
ASLE2	136 013	" ledophyllus	Cascades aster
ASMO	136 014	" modestus	fewflower aster
ASOC	136 015	" occidentalis	western aster
ASPA	136 016	" paucicapitatus	
ASPE	136 017	" perelegans	Nuttall aster
ASRA	136 018	" radulinus	
ASSC	136 019	" scopulorum	crag aster
ASTE2	136 020	" tephrodes	
<u>ASTRA</u>	137 000	Astragalus spp.	milkvetch; poisonvetch; loco
ASAG	137 001	" agrestis	purple milkvetch
ASAL2	137 002	" alpinus	alpine milkvetch
ASAR	137 003	" arrectus	
ASBE	137 004	" beckwithii	Beckwith milkvetch
ASCI	137 005	" cicer	chickpea milkvetch

FORBS

ASC02	137 006	Astragalus collinus	
ASC03	137 007	" conjunctus	
(ASCU)	--- ---	(" <u>curvicarpus</u>) A. speirocarpus falciformis	curvepod loco
ASFA	137 008	" falcatus	
(ASFI)	--- ---	(" <u>filipes</u>) A. stenophyllus filipes	
ASGL	137 009	" glareosus	
ASHO	137 110	" hoodianus	
ASIM	137 011	" impensus	thistle milkvetch
ASIN2	137 012	" inflexus	
ASIN3	137 013	" inversus	
ASLE	137 014	" lentiginosus *	specklepod loco/CS
ASMA	137 015	" macounii	
ASMA2	137 016	" malacus	
ASMO2	137 017	" mortoni	Morton loco
ASOR	137 018	" oreganus	
ASPU	137 019	" purshii	Pursh loco
ASRE	137 020	" reventus	
ASSA	137 021	" salinus	
ASSI	137 022	" sinuatus	
ASSO	137 023	" sonneanus	balloonpod milkvetch
ASSPF	137 024	" speirocarus falciformis	
ASST	137 025	" stenophyllus	
ASSTF	137 026	" " filipes	

FORBS

ASWA	137 027	Astragalus watsoni	
ASWH	137 028	" whitneyi	
<u>ATHYR</u>	138 000	Athyrium spp.	
ATCY	138 001	" cyclosorum	
ATFIF	138 002	" filix femina	ladyfern
<u>ATHYS</u>	139 000	Athysanus spp.	
ATPU	139 001	" pulsillus	
<u>ATRIP</u>	140 000	Atriplex spp. (Also see shrubs)	saltbush
ATPAH	140 001	" patula hastata	spearleaf fat-hen saltbush
ATRO	140 002	" rosea	tumbling orach
<u>AZOLL</u>	141 000	Azolla spp.	Azolla
AZFI	141 001	" filiculoides	Pacific azolla

- B -

<u>BACCH</u>	142 000	Baccharis spp.	baccharis
BAPI	142 001	" pilularis	kidneywort baccharis
<u>BAERI</u>	143 000	Baeria spp.	goldfields
BAMAP	143 001	" macrantha pauciaristata	
<u>BALSA</u>	144 000	Balsamorhiza spp.	Balsamroot
BADE	144 001	" deltoides	Puget balsamroot

FORBS

BAHO	144 002	Balsamorhiza hookeri	Hooker balsamroot
BAIN	144 003	" incana	hoary balsamroot
BASA	144 004	" sagittata	arrowleaf balsamroot
(BATE)	144 005 (	" <u>terebinthacea</u> B. hookeri or hybrid	
<u>BARBA</u>	145 000	Barbarea spp.	wintercress
BAAM	145 001	" americana	
BAST	145 002	" stricta	
BAVE	145 003	" verna	early wintercress
BAVU	145 004	" vulgaris	bitter wintercress
<u>BASSI</u>	146 000	Bassia spp.	bassia
<u>BERUL</u>	147 000	Berula spp.	berula
BEER	147 001	" erecta	stalky berula
<u>BESSE</u>	148 000	Besseyia spp.	
BERU	148 001	" rubra	
<u>BIDEN</u>	149 000	Bidens spp.	beggarsticks
BICE	149 001	" cernua	nodding beggarsticks
BIVU	149 002	" vulgata	tall beggarsticks
<u>BLECH</u>	150 000	Blechnum spp.	
BLSP	150 001	" spicant	deerfern
<u>BLEPH</u>	151 000	Blepharipappus spp.	
BLSC	151 001	" scaber	

FORBS

<u>BOISD</u>	152 000	Boisduvalia spp.	spikeprimrose
BODE	152 001	" densiflora	dense spikeprimrose
BOSP	152 002	" sparsiflora	
BOST	152 003	" stricta	brook spikeprimrose
<u>BORAG</u>	153 000	Borago spp.	borage
<u>BOTRY</u>	154 000	Botrychium spp.	grapefern
BOSI	154 001	" silaifolium	
<u>BOYKI</u>	155 000	Boykinia spp.	boykinia
BOEL	155 001	" elata	SantaLucia boykinia
BOIN	155 002	" intermedia	
BOMA	155 003	" major	Sierra boykinia
<u>BRASS</u>	156 000	Brassica spp.	
BRCA2	156 001	" campestris	bird rape
<u>BRODI</u>	157 000	Brodiaea spp.	brodiea
BRCA3	157 001	" capitata	bluedicks brodiea
BRCO2	157 002	" coronaria	harvest brodiea
BRDO	157 003	" douglasii	Douglas brodiea
BRGR	157 004	" gracilis	
BRHE	157 005	" hendersoni	Henderson brodiea
BRHY	157 006	" hyacinthina	hyacinth brodiea
BRLA2	157 007	" laxa	grassnut brodiea
BRPU	157 008	" pulchella	purplehead brodiea

FORBS

- C -

(CANA) --- --- (Cacaliopsis nardosmia) Luina
nardosmia

<u>CALAN</u>	158 000	Calandrinia spp.	rockpurslane
CACA5	158 001	" caulescens	desert rockpurslane
<u>CALOC</u>	159 000	Calochortus spp.	mariposa
CAAP	159 001	" apiculatus	
CAEL	159 002	" elegans	northwestern mariposa
CALO	159 003	" lobbii	Lobbs mariposa
CALY	159 004	" lyallii	Lyall mariposa
CAMA	159 005	" macrocarpus	sagebrush mariposa
CANI	159 006	" nitidus	broadfruit mariposa
CANU	159 007	" nuttallii	segolily mariposa
CATO	159 008	" tolmiei	Tolmie mariposa
CAUN	159 009	" uniflorus	Monterey mariposa
<u>CALTH</u>	160 000	Caltha spp.	marshmarigold
CABI	160 001	" biflora	twinflower marshmarigold
CALE2	160 002	" leptosepala	elkslip marshmarigold
<u>CALYC</u>	161 000	Calycadenia spp.	
CATR	161 001	" truncata	

FORBS

<u>CALYP</u>	162 000	Calypso spp.	calypso
CABU2	162 001	" bulbosa	calypso
<u>CAMAS</u>	163 000	Camassia spp.	camas
CACU	163 001	" cusickii	Cusick camas
CALE	163 002	" leichtlinii	Leichtlin camas
CAQU	163 003	" quamash	common camas
CASU	163 004	" suksdorfii	Suksdorf camas
<u>CAMEL</u>	164 000	Camelina spp.	falseflax
CAMI3	164 001	" microcarpa	littlepod falseflax
<u>CAMPA</u>	165 000	Campanula spp.	bellflower
(CAPE2)	--- --- (	" <u>petiolata</u>) C. rot- undifolia	American harebell
CAPI	165 001	" piperi	Piper bellflower
CAPR3	165 002	" prenanthoides	California bellflower
CARO3	165 003	" rotundifolia	bluebell
CASC	165 004	" scabrella	rough bellflower
CASC2	165 005	" scouleri	
<u>CAPSE</u>	166 000	Capsella spp.	shepherdspurse
CABU	166 001	" bursa-pastoris	shepherdspurse
<u>CARDA</u>	167 000	Cardamine spp.	bittercress
CAAN2	167 001	" angulata	angled bittercress
CABR2	167 002	" breweri	
CAHI	167 003	" hirsuta	Pennsylvania bittercress

FORBS

CALY2	167 004	Cardamine	lyallii	
CAOC	167 005	"	occidentalis	
CAOL	167 006	"	oligosperma	
<u>CASTI</u>	168 000	Castilleja	spp.	paintedcup
CAAN	168 001	"	angustifolia	northwestern paintedcup
CAAP2	168 002	"	aplegatei	
CAAR	168 003	"	arachnoidea	
(CABR3)	--- ---	(	" <u>bradburyi</u>) C. an-	Bradbury paintedcup
			gustifolia	
(CACR)	--- ---	(	" <u>crispula</u>) C. min-	
			iata	
CACU3	168 004	"	cusickii	
CAEL2	168 005	"	elmeri	
(CALA2)	--- ---	(	" <u>lauta</u>) C. rhex-	Yellowstone paintedcup
			ifolia	
CALI2	168 006	"	linariaefolia	Wyoming paintedcup
CALO2	168 007	"	longispica	
(CALU2)	--- ---	(	" <u>lutea</u>) C. cu-	hairy paintedcup
			sickii	
CAMI2	168 008	"	miniata	scarlet paintedcup
CAOC2	168 009	"	occidentalis	western paintedcup
(CAOR2)	--- ---	(	" <u>oreopla</u>) C. par-	
			viflora oreopla	
CAPA5	168 010	"	pallescent	pale paintedcup
CAPA3	168 011	"	parviflora	smallflower paintedcup
CAPAO	168 012	"	" ore-	magenta paintedcup
			pola	
(CAPI2)	--- ---	(	" <u>pilosa</u>) C. long-	white paintedcup
			ispica	

FORBS

(CAPI3)	---	---	(<u>Castilleja pinetorum</u>) C. ap- plegatei	pine paintedcup
CAPR4	168	013	" pruinosa	
CARH	168	014	" rhexifolia	splitleaf paintedcup
CASU3	168	015	" suksdorfii	
<u>CENTA</u>	169	000	Centaurea spp.	centaurea
CEDI	169	001	" diffusa	
CERE	169	002	" repens	Russian centaurea
CEME	169	003	" melitensis	Malta centaurea
CESO	169	004	" solstitialis	yellow centaurea
<u>CENTI</u>	170	000	Centaureum spp.	centaurium
CEMU	170	001	" muhlenbergii	
(CEAU)	---	---	(<u>Cephalanthera austinae</u>) Ser- apias austinae	Austin phantomorchid
<u>CERAS</u>	171	000	Cerastium spp.	cerastium
CEAR	171	001	" arvense	starry cerastium
CEBE	171	002	" beeringianum	
CENU	171	003	" nutans	
CEST	171	004	" strictum	common cerastium
CEVI	171	005	" viscosum	sticky cerastium
CEVU	171	006	" vulgatum	big cerastium
<u>CHAEN</u>	172	000	Chaenactis spp.	chaenactis
CHDO	172	001	" douglasii	Douglas chaenactis
<u>CHAMA</u>	173	000	Chamaesaracha spp.	
CHNA2	173	001	" nana	

FORBS

<u>CHEIL</u>	174 000	Cheilanthes spp.	lipfern
CHGR	174 001	" gracillima	lace lipfern
CHSI	174 002	" siliquosa	podfern
<u>CHENO</u>	175 000	Chenopodium spp.	goosefoot
CHAL	175 001	" album	lambsquarters goosefoot
CHBO	175 002	" botrys	Jerusalemoak goosefoot
CHHY	175 003	" hybridum	mapleleaf goosefoot
CHLE	175 004	" leptophyllum	slimleaf goosefoot
<u>CHLOR</u>	176 000	Chlorogalum spp.	soapplant
CHPO	176 001	" pomeridianum	amole soapplant
<u>CHRYS</u>	177 000	Chrysanthemum spp.	chrysanthemum
CHLEP	177 001	" leucanthemum pinnatifidum	field oxeyedaisy
<u>CHRYP</u>	178 000	Chrysopsis spp.	goldaster
CHOR	178 001	" oregana	Oregon goldaster
CHVI2	178 002	" villosa	hairy goldaster
<u>CICUT</u>	179 000	Cicuta spp.	waterhemlock
CIDO	179 001	" douglasii*	western waterhemlock/CS
(CIVA)	--- ---	(" <u>vagans</u>) C. douglasii	
<u>CIRCA</u>	180 000	Circaea spp.	circaea
CIAL	180 001	" alpina	alpine circaea
CIPA	180 002	" pacifica	

FORBS

<u>CIRSI</u>	181 000	Cirsium spp.	thistle
(CIAC)	--- --- (	" <u>acaulescens</u>) C. foliosum	
CIAR	181 001	" arvense	Canada thistle
(CIAM)	--- --- (	" <u>americanum</u>) C. centaureae	
CICE	181 002	" centaureae	
(CIDRA)	--- --- (	" <u>drummondii</u> <u>acaulescens</u>) C. foliosum	
CIED	181 003	" edule	Indian thistle
CIFO	181 004	" foliosum	elk thistle
(CILA)	--- --- (	" <u>lanceolatum</u>) C. vulgare	
CIOCC	181 005	" occidentale candidissimum	snowwool western thistle
CIRE	181 006	" remotifolium	
CIUN	181 007	" undulatum	wavyleaf thistle
CIVU	181 008	" vulgare	bull thistle
<u>CLARK</u>	182 000	Clarkia spp.	Clarkia
CLEL	182 001	" elegans	rose clarkia
CLPU	182 002	" pulchella	elkhorns clarkia
CLRH	182 003	" rhomboidea	
<u>CLAYT</u>	183 000	Claytonia spp.	springbeauty
CLAS	183 001	" asarifolia	
(CLCH)	--- --- (	" <u>chamissoi</u>) Montia chamissoi	water springbeauty
CLDI	183 002	" dichotoma	

FORBS

CLLA	183 003	Claytonia lanceolata	lanceleaf springbeauty
CLME	183 004	" megarrhiza	alpine springbeauty
CLPA	183 005	" parvifolia	littleleaf springbeauty
(CLPAD)	--- --- (	" " <u>depressa</u> C. rubra	
CLPE	183 006	" perfoliata	minerslettuce
CLRU	183 007	" rubra	
CLSI	183 008	" sibirica	
<u>CLEMA</u>	184 000	Clematis spp. (Also see shrubs)	clematis
CLHI	184 001	" hirsutissima	Douglas clematis
CLLI2	184 002	" ligusticifolia	western virginsbower
<u>CLEOM</u>	185 000	Cleome spp.	spiderflower
CLLU	185 001	" lutea	yellow spiderflower
CLPL	185 002	" platycarpa	
<u>CLEOL</u>	186 000	Cleomella spp.	
CLOO	186 001	" oocarpa	
(No symbol)	--- ---	(<u>Clintonia</u> spp.) Downingia spp.	beadilly
<u>COLDE</u>	187 000	Coldenia spp.	coldenia
CONU2	187 001	" nuttallii	Nuttall coldenia
<u>COLLI</u>	188 000	Collinsia spp.	collinsia
(COFL)	--- --- (	" <u>floribunda</u>) Tonella floribunda	

FORBS

COGR	188 001	Collinsia grandiflora	bluetips collinsia
COLI	188 002	" linearis	
COPA	188 003	" parviflora	littleflower collinsia
(COPU)	--- --- (	" <u>pusilla</u>) C. parvi- flora	
COSP	188 004	" sparsiflora	
(COTE)	--- --- (	" <u>tenella</u>) Tonella ten- ella	
<u>COLLO</u>	189 000	Collomia spp.	collomia
(COAR)	--- --- (	" <u>aristella</u>) C. tinc- toria	
CODE	189 001	" debilis	
COGR2	189 002	" grandiflora	
COHE	189 003	" heterophylla	
COLI2	189 004	" linearis	
COMA	189 005	" mazama	
COTI	189 006	" tinctoria	
COTE	189 007	" tenella	
<u>COMAN</u>	190 000	Comandra spp.	comandra
COUM	190 001	" umbellata	common comandra
<u>CONIO</u>	191 000	Conioselinum spp.	hemlockparsley
COSC2	191 001	" scopulorum	RockyMountain hemlock- parsley
<u>CONRI</u>	192 000	Conringia spp.	haresear
COOR	192 001	" orientalis	treacle haresear

FORBS

<u>CONVO</u>	193 000	Convolvulus spp.	glorybind
(COCA3)	--- ---	(" <u>californicus</u> C. subacaulis	
COPO	193 001	" polymorphus	variable glorybind
COSO	193 002	" soldanella	seashore glorybind
COSU	193 003	" subacaulis	
<u>CONYZ</u>	194 000	Conyza spp.	
COCA2	194 001	" canadensis	horseweed
<u>COPTI</u>	195 000	Coptis spp.	goldthread
COLA	195 001	" laciniata	cutleaf goldthread
<u>CORAL</u>	196 000	Corallorrhiza spp.	coralroot
COMA	196 001	" maculata	spotted coralroot
COME	196 002	" mertensiana	Pacific coralroot
COST2	196 003	" striata	hooded coralroot
<u>CORDY</u>	197 000	Cordylanthus spp.	birdbeak
COCA4	197 001	" capitatus	
COPIT	197 002	" pilosus tenuis	
CORA	197 003	" ramosus	bushy birdbeak
(COTE2)	--- ---	(" <u>tenuis</u>) C. pil- osus tenuis	
<u>CORNU</u>	198 000	Cornus spp. (Also see shrubs)	dogwood
COCA	198 001	" canadensis	bunchberry dogwood

FORBS

<u>CORYD</u>	199 000	Corydalis spp.	corydalis
COAUO	199 001	" aurea occidentalis*	golden corydalis/SC
COCU	199 002	" cusickii	
COSC	199 003	" scouleri	Scouler corydalis
<u>COTUL</u>	200 000	Cotula spp.	brassbuttons
COCO	200 001	" coronopifolia	bird brassbuttons
<u>CREPI</u>	201 000	Crepis spp.	hawksbeard
CRAC	201 001	" acuminata	tapertip hawksbeard
CRBA	201 002	" bakeri	
CRBA2	201 003	" barbigera	
CRCA	201 004	" capillaris	smooth hawksbeard
CRIN	201 005	" intermedia	gray hawksbeard
CRMO3	201 006	" modocensis	
CRMO	201 007	" monticola	Siskiyou hawksbeard
CROC	201 008	" occidentalis	western hawksbeard
CRRU	201 009	" runcinata	dandelion hawksbeard
<u>CROCI</u>	202 000	Crocidium spp.	
CRMU	202 001	" multicaule	goldstar
<u>CRYPT</u>	203 000	Cryptantha spp.	cryptantha
CRAF	203 001	" affinis	
CRAM	203 002	" ambigua	
CRCE	203 003	" celosioides	
CRCI	203 004	" circumscissa	

FORBS

CRIN2	203 005	Cryptantha intermedia	
(CRMU)	--- ---	(" <u>muriculata</u>) C. inter-	media
CRPT	203 006	" pterocarya	
<u>CRYPO</u>	204 000	Cryptogramma spp.	rockbrake
CRAC2	204 001	" acrostichoides	American rockbrake
<u>CUSCU</u>	205 000	Cuscuta spp.	dodder
<u>CYNOG</u>	206 000	Cynoglossum spp.	houndstongue
CYGR	206 001	" grande	Pacific houndstongue
CYOC	206 002	" occidentale	western houndstongue
CYOF	206 003	" officinale	common houndstongue
<u>CYPRI</u>	207 000	Cypripedium spp.	ladyslipper
CYCAP	207 001	" calceolus parvi-	florum
CYCA	207 002	" californicum	
CYFA	207 003	" fasciculatum	
CYMO	207 004	" montanum	
(CYPA)	--- ---	(" <u>parviflorum</u>) C.	calceolus parviflorum
<u>CYSTO</u>	208 000	Cystopteris spp.	bladderfern
CYFR	208 001	" fragilis	brittle bladderfern
<u>DAMAS</u>	209 000	Damasonium spp.	damasonium
DACA2	209 001	" californicum	California damasonium

FORBS

<u>DARLI</u>	210 000	Darlingtonia spp.	California-pitcher
DACA3	210 001	" californica	California-pitcher
<u>DELPH</u>	211 000	Delphinium spp.	larkspur
DEBA	211 001	" barbeyi*	Barbey larkspur/C
DEBI	211 002	" bicolor*	little larkspur/C
DECO	211 003	" columbianum	Columbia larkspur
DECY	211 004	" cyanoreios	
DEDE	211 005	" depauperatum	slim larkspur
DEDI	211 006	" distichum	twospike larkspur
DEGL	211 007	" glaucum	
DEGR	211 008	" gracilentum	Sonne larkspur
DELE	211 009	" leucophaeum	
DEME	211 010	" menziesii*	Menzies larkspur/C
DEMU	211 011	" multiflorum	manyflower larkspur
DENE	211 012	" nelsonii*	Nelson larkspur/C
DENU	211 013	" nudicaule	orange larkspur
DEOC	211 014	" occidentale*	duncecap larkspur/C
DEOR	211 015	" oreganum	Oregon larkspur
(DESCG)	--- --- (	" <u>scopulorum glaucum</u>) D. glaucum	Sierra larkspur
DESI	211 016	" simplex*	simplestem larkspur/C
DEST	211 017	" stachydeum	RockyMountain larkspur
DETR	211 018	" trolliifolium*	ColumbiaRiver larkspur/C
DEXA	211 019	" xantholeucum	yellowwhite larkspur

FORBS

<u>DENTA</u>	212 000	Dentaria spp.	toothwort
DECA2	212 001	" cardiophylla	Vaca toothwort
DEGR2	212 002	" grandiflora	Cascade toothwort
DETE	212 003	" tenella	Oregon toothwort
<u>DESCU</u>	213 000	Descurainia spp.	tansymustard
DELO	213 001	" longipedicellata	slimstem tansymustard
DERII	213 002	" richardsonii incisa	western tansymustard
DERIV	213 003	" richardsonii viscosa	
DESO	213 004	" sophia	flixweed tansymustard
<u>DICEN</u>	214 000	Dicentra spp.	bleedingheart
DICU	214 001	" cucullaria	Dutchmans' breeches
DIFO	214 002	" formosa	Pacific bleedingheart
<u>DISPO</u>	215 000	Disporum spp.	fairybells
DISM	215 001	" smithii	Smiths fairybells
<u>DODEC</u>	216 000	Dodecatheon spp.	shootingstar
DOAL	216 001	" alpinum	alpine shootingstar
DOCO	216 002	" conjugens	slimpod shootingstar
(DOCU)	--- ---	(" <u>cusickii</u>) D. pauciflorum	Cusick shootingstar
DODE	216 003	" dentatum	dentate shootingstar
DOHE	216 004	" hendersoni	Henderson shootingstar
DOJE	216 005	" jeffreyi	Jeffrey shootingstar

FORBS

DOPA	216 006	Dodecatheon pauciflorum	darkthroat shootingstar
(DOTE)	--- --- (	" <u>tetrandrum</u>) D. jeffreyi	yellowring shootingstar
<u>DOUGL</u>	217 000	Douglasia spp.	douglasia
(DODE2)	--- --- (	" <u>dentata</u>) D. nivalis	
DOLA	217 001	" laevigata	smooth douglasia
DONI	217 002	" nivalis	
<u>DOWNI</u>	218 000	Downingia spp.	downingia
DOEL	218 001	" elegans	showy downingia
DOPU	218 002	" pulchella	California downingia
(DOWI)	--- --- (	" <u>willamettensis</u>) D. yina	
DOYI	218 003	" yina	
<u>DRABA</u>	219 000	Draba spp.	draba
DRAU	219 001	" aureola	Lassen draba
DRDO	219 002	" douglasii	
DRGL	219 003	" glacialis	glacier draba
DRLU	219 004	" lutea	
DRMI	219 005	" micrantha	
DRNE	219 006	" nemorosa	woods draba
DRNI	219 007	" nitida	shiny draba
DRPE	219 008	" pectinata	
DRST	219 009	" stenoloba	
DRVE	219 010	" ventosa	
DRVE2	219 011	" verna	spring draba

FORBS

<u>DRACO</u>	220 000	Dracocephalum spp.	dragonhead
DRNU	220 001	" nuttallii	American dragonhead
(DRPA)	--- ---	(" <u>parviflorum</u>)	American dragonhead
		D. nuttallii	
<u>DROSE</u>	221 000	Drosera spp.	sundew
DRLO	221 001	" longifolia	narrowleaf sundew
<u>DRYAS</u>	222 000	Dryas spp.	dryad
DROC	222 001	" octopetala	Mt. Washington dryad
<u>DRYOP</u>	223 000	Dryopteris spp.	woodfern
DRDI	223 001	" dilatata	mountain woodfern
DRDI2	223 002	" disjuncta	oakfern

- E -

<u>EPILO</u>	224 000	Epilobium spp.	willowweed
EPAD	224 001	" adenocaulon	sticky willowweed
EPAL	224 002	" alpinum	alpine willowweed
EPAN	224 003	" angustifolium	fireweed
EPBR	224 004	" brevistylum	Sierra willowweed
EPBRU	224 005	" brevistylum ursinum	
EPCL	224 006	" clavatum	
EPFA	224 007	" fastigiatum	

FORBS

EPHO	224 008	Epilobium	hornemannii	Hornemann willowweed
(EPJU)	--- --- (	"	<u>juncundum</u>) E. pan- iculatum juncundum	
EPLA	224 009	"	latifolium	red willowweed
EPLU	224 010	"	luteum	yellow willowweed
EPMI	224 011	"	minutum	
EPOC	224 012	"	occidentale	
EPOR	224 013	"	oregonense	
EPPA	224 014	"	paniculatum	autumn willowweed
EPPAJ	224 015	"	paniculatum jun- cundum	
(EPUR)	--- --- (	"	<u>ursinum</u>) E. brevis- tylum ursinum	
<u>EQUIS</u>	225 000	Equisetum	spp.	horsetail
BQAR	225 001	"	arvense*	field horsetail/S
BQHY	225 002	"	hyemale*	scouringrush/S
BQLA	225 003	"	laevigatum*	smooth horsetail/S
BQPR	225 004	"	praealtum	stout scouringrush
BQSC	225 005	"	scirpoides	sedgelike horsetail
BQTE	225 006	"	telmateia*	giant horsetail/S
BQVA	225 007	"	variegatum	variegated horsetail
<u>ERECH</u>	226 000	Erechtites	spp.	burnweed
ERPR	226 001	"	prenanthoides	Australian burnweed
<u>EREMO</u>	227 000	Bremocarpus	spp.	Turkeymullein
ERSE	227 001	"	setigerus	Turkeymullein

FORBS

<u>ERIGE</u>	228 000	Brigeron spp.	fleabane
ERAC	228 001	" acris	bitter fleabane
ERAL	228 002	" alicae	Alice fleabane
ERAN	228 003	" annuus	annual fleabane
ERAU	228 004	" aureus	
ERBL	228 005	" bloomeri	Bloomer fleabane
ERCA3	228 006	" caespitosus	tufted fleabane
(ERCA2)	--- --- (	" <u>canadensis</u>) Conyza canadensis	horseweed fleabane
ERCH	228 007	" chrysopsidis	yellow fleabane
ERCO	228 008	" compositus	fernleaf fleabane
ERCOI	228 009	" " incertus	rayless fernleaf fleabane
(ERCO)	--- --- (	" <u>concinus</u>) E. pym- ilus	hairy fleabane
ERCO2	228 010	" corymbosus	purpledaisy fleabane
ERCO3	228 011	" coulteri	Coulter fleabane
ERDE	228 012	" decumbens	
ERDI	228 013	" divergens	spreading fleabane
EREA	228 014	" eatoni	Eaton fleabane
EREL3	228 015	" elatior	tall fleabane
ERFI	228 016	" filifolius	threadleaf fleabane
ERFOC	228 017	" foliosus confinis	leafy fleabane
ERGL	228 018	" glaucus	beach fleabane
ERGR3	228 019	" gracilis	
ERIN2	228 020	" inornatus	
ERLI	228 021	" linearis	lineleaf fleabane

FORBS

ERLO	228 022	Erigeron lonchophyllus	spearleaf fleabane
(ERMA)	--- ---	" <u>macranthus</u>) E. spec-	aspen fleabane
		iosus	
ERPE	228 023	" peregrinus	peregrine fleabane
(ERPE2)	--- --- (	" <u>peucephyllus</u>) E. lin-	earis
ERPH	228 024	" philadelphicus	Philadelphia fleabane
ERPO	228 025	" poliospermus	
ERPU	228 026	" pumilus	low fleabane
(ERSA)	--- --- (	" <u>salsuginosus</u>) E. per-	egrinus
ERSI	228 027	" simplex	
ERSP	228 028	" speciosus	Oregon fleabane
ERUR	228 029	" ursinus	Bearriver fleabane
<u>ERIOG</u>	229 000	Eriogonum spp.	erogonum
ERCA	229 001	" caespitosum	mat eriogonum
ERCE	229 002	" cernuum	nodding eriogonum
ERCO4	229 003	" compositum	northern eriogonum
ERDI2	229 004	" dichotomum	
ERDO	229 005	" douglasii	Douglas eriogonum
EREL2	229 006	" elatum	rush eriogonum
ERHE	229 007	" heracleoides	Wyeth eriogonum
ERIN	229 008	" incanum	Sierra eriogonum
ERMA2	229 009	" marifolium	mountain eriogonum
ERMI	229 010	" microthecum	slenderbush eriogonum
ERNI	229 011	" niveum	snow eriogonum

FORBS

ERNU	229 012	Eriogonum nudum	borestem eriogonum
EROV	229 013	" ovalifolium	cushion eriogonum
ERPI	229 014	" piperi	Piper eriogonum
ERPR2	229 015	" proliferum	
ERPY	229 016	" pyrolaefolium	oarleaf eriogonum
ERPYC	229 017	" " cory- phaeum	
ERSP2	229 018	" speciosum	
ERSP3	229 019	" sphaerocephalum	rock eriogonum
ERST	229 020	" stellatum	longgray eriogonum
ERST2	229 021	" strictum	
ERSU	229 022	" subalpinum	subalpine eriogonum
ERTH	229 023	" thymoides	Thyme eriogonum
ERTO	229 024	" tolmieanum	
ERUM	229 025	" umbellatum	sulfur eriogonum
ERVI	229 026	" vimineum	broom eriogonum
<u>ERIOY</u>	230 000	Eriophyllum spp.	eriophyllum
ERLA	230 001	" lanatum	woolly eriophyllum
ERLAL	230 002	" " lanatum	
ERLAA	230 003	" " achillae- oides	
ERLAI	230 004	" " integri- folium	small woolly eriophyllum
ERLA2	230 005	" lanceolatum	
ERST3	230 006	" staechadifolium	lizardtail eriophyllum
ERWA	230 007	" watsoni	

FORBS

<u>ERITR</u>	231 000	Eritrichum spp.	
(EREL)	--- --- (	" <u>elongatum</u>) E. nanum elongatum	
ERNAE	231 001	" nanum elongatum	
<u>ERODI</u>	232 000	Erodium spp.	heronbill
ERCI	232 001	" cicutarium	alfilferia
<u>ERYNG</u>	233 000	Eryngium spp.	eryngo
ERAR	233 001	" articulatum	beetthistle eryngo
<u>ERYSI</u>	234 000	Erysimum spp.	erysimum
ERAS	234 001	" asperum	plains erysimum
EREL4	234 002	" elatum	tall erysimum
EROC	234 003	" occidentale	
ERRE	234 004	" repandum	spreading erysimum
ERTO2	234 005	" torulosum	necklace erysimum
<u>ERYTH</u>	235 000	Erythronium spp.	fawnlily
ERGR	235 001	" grandiflorum	lambstongue fawnlily
ERGRP	235 002	" " pal- lidum	pale lambstongue fawnlily
ERHE3	235 003	" hendersonii	Henderson fawnlily
ERMO	235 004	" montanum	avalanche fawnlily
EROR	235 005	" oregonum	
<u>ESCHS</u>	236 000	Eschscholtzia spp.	goldpoppy
ESLE	236 001	" leptandra	

FORBS

<u>EUPAT</u>	237 000	Eupatorium spp.	eupatorium
EUOC	237 001	" occidentale	western eupatorium
<u>EUPHO</u>	238 000	Euphorbia spp.	euphorbia
EUCR	238 001	" crenulata	beetle euphorbia
EUCY	238 002	" cyparissias	cypress euphorbia
EULA2	238 003	" lathyrus	caper euphorbia
EUSE	238 004	" serpyllifolia	thymeleaf euphorbia

- F -

<u>FLOER</u>	239 000	Floerkea spp.	falsemermaid
FLPR	239 001	" proserpinacoides	falsemermaid
<u>FRAGA</u>	240 000	Fragaria spp.	strawberry
FRBR	240 001	" bracteata	bracted strawberry
FRCA	240 002	" californica	California strawberry
FRCH	240 003	" chiloensis	Chiloe strawberry
FRCU	240 004	" cuneifolia	
FRGL	240 005	" glauca	blueleaf strawberry
FRPL	240 006	" platypetala	broadpetal strawberry
<u>FRANS</u>	241 000	Franseria spp. (Also see shrubs)	bursage
FRCH2	241 001	" chamissonis	

FORBS

<u>FRASE</u>	242 000	Frasera spp.	frasera
FRAL	242 001	" albicaulus	
FRALN	242 002	" " nitida	
(FRNI)	--- --- (	" <u>nitida</u>) F. albicaulus shiny frasera nitida	
FRSP	242 003	" speciosa	showy frasera
<u>FRITI</u>	243 000	Fritillaria spp.	fritillary
FRAT	243 001	" atropurpurea	purplespot fritillary
FRLA	243 002	" lanceolata	riceroot fritillary
FRPU	243 003	" pudica	yellow fritillary
FRRE	243 004	" recurva	scarlet fritillary
- G -			
<u>GAILL</u>	244 000	Gaillardia spp.	gaillardia
GAAR	244 001	" aristata	common perennial gaillardia
<u>GALIU</u>	245 000	Galium spp.	bedstraw
GAAN	245 001	" andrewsii	needle bedstraw
GAAP	245 002	" aparine	catchweed bedstraw
GAAS	245 003	" asperrimum	rough bedstraw
GABI	245 004	" bifolium	twinleaf bedstraw
GABO2	245 005	" bolanderi	Bolander bedstraw
GABO	245 006	" boreale	northern bedstraw

FORBS

GAKAO	245 007	Galium kantschaticum oreganum	
GAMU	245 008	" multiflorum	shrubby bedstraw
GATR	245 009	" triflorum	sweetscented bedstraw
(GAVA)	--- --- (	" <u>vaillantii</u>) G. aparine	
GAVE	245 010	" verum	yellow bedstraw
<u>GAYOP</u>	246 000	Gayophytum spp.	groundsmoke
GACA	246 001	" caesium	kitchenweed groundsmoke
GAHU2	246 002	" humile	
(GAIN)	--- --- (	" <u>intermedium</u>) G. nuttallii	
GALA	246 003	" lasiospermum	
GANUI	246 004	" nuttallii intermedium	
(GAPU)	--- --- (	" <u>pumilum</u>) G. humile	
GARA2	246 005	" racemosum	
GARA	246 006	" ramosissimum	hairstem groundsmoke
<u>GENTI</u>	247 000	Gentiana spp.	gentian
(GEAC)	--- --- (	" <u>acuta</u>) G. amarella acuta	northern gential
GEAF	247 001	" affinis	RockyMountain pleated gentian
GEAMA	247 002	" amarella acuta	
GECA	247 003	" calycosa	Rainier pleated gentian
(GEOR2)	--- --- (	" <u>oregana</u>) G. affinis	
(GESA)	--- --- (	" <u>saxicola</u>) G. calycosa	
GESI	247 004	" simplex	

FORBS

<u>GERAN</u>	248 000	Geranium spp.	geranium
GEBI	248 001	" bicknellii	Bicknell geranium
GEDI	248 002	" dissectum	cutleaf geranium
(GEIN)	--- --- (	" <u>incisum</u>) G. oreganum	
GEMO	248 003	" molle	dovefoot geranium
GEOR3	248 004	" oreganum	Oregon geranium
GEPU	248 005	" pusillum	small geranium
GERI	248 006	" richardsonii	Richardson geranium
GEVI	248 007	" viscosissimum	sticky geranium
<u>GEUM</u>	249 000	Geum spp.	avens
GECA2	249 001	" campanulatum	redbell avens
GEMA	249 002	" macrophyllum	largeleaf avens
GEOR	249 003	" oregonense	Oregon avens
GEST	249 004	" strictum	yellow avens
GETR	249 005	" triflorum	prairiesmoke avens
<u>GILIA</u>	250 000	Gilia spp.	gilia
GIAG	250 001	" aggregata	skyrocket gilia
(GIBR)	--- --- (	" <u>breweri</u>) Navarretia breweri	
GICA	250 002	" capitata	globe gilia
GICI	250 003	" ciliata	
GICO	250 004	" congesta	ballhead gilia
(GIIN)	--- --- (	" <u>inconspicua</u>) G. sinuata	shy gilia
(GINU)	--- --- (	" <u>nuttallii</u>) Linanthas- trum nuttallii	Nuttall gilia

FORBS

GIPU	250 005	Gilia pulchella	tinpiute gilia
GISI	250 006	" sinuata	
<u>GLEHN</u>	251 000	Glehnia spp.	
(GLLI)	--- ---	(" <u>littoralis</u>) G. leio- carpa	
GLLE2	251 001	" leiocarpa	
<u>GLYCY</u>	252 000	Glycyrrhiza spp.	licorice
GLLE	252 001	" lepidota	American licorice
<u>GNAPH</u>	253 000	Gnaphalium spp.	cudweed
GNMI	253 001	" microcephalum	
GNPA	253 002	" palustre	
GNPU	253 003	" purpureum	purple cudweed
<u>GODET</u>	254 000	Godetia spp.	godetia
GOAM	254 001	" amoena	farewell-to-spring Godetia
GOCR	254 002	" gracilis	
GOQU	254 003	" quadrivulnera	smallflower Godetia
GOTE	254 004	" tenella	
(GOCO)	--- ---	(<u>Gomphocarpus cordifolius</u>) Asclepias cordifolia	heartleaf clubpod
<u>GOODY</u>	255 000	Goodyera spp.	rattlesnakeplantain
GODE	255 001	" decipiens	western rattlesnakeplantain
(GRCI)	--- ---	(<u>Greeneocharis circumscissa</u>) Cryptantha circumscissa	

FORBS

<u>GRIND</u>	256 000	Grindelia spp.	gumweed
GRIN	256 001	" integrifolia	Willamette gumweed
GRNA	256 002	" nana	low gumweed
GRSQ	256 003	" squarrosa	curlycup gumweed

- H -

<u>HABEN</u>	257 000	Habenaria spp.	habenaria
HADI2	257 001	" dilatata	white bogorchid
HADIL	257 002	" " leucostachys	
HAEL	257 003	" elegans	California hillside habenaria
HAHY	257 004	" hyperborea	northern green habenaria
HALE	257 005	" leucostachys	milkwhite habenaria
HAMA	257 006	" maritima	seacliff habenaria
HASP	257 007	" sparsiflora	canyon habenaria
HAST	257 008	" stricta	
HAUN	257 009	" unalascensis	Alaska habenaria

<u>HACKE</u>	258 000	Hackelia spp.	
HADI	258 001	" diffusa	spreading stickweed
HAFL	258 002	" floribunda	showy stickweed
HAJE	258 003	" jessicae	Jessica stickweed
HAPA	258 004	" patens	

FORBS

<u>HAPLO</u>	259 000	Haplopappus spp. (Also see shrubs)	goldenweed
(HABR)	--- ---	(" <u>brandegei</u>) Eri- geron aureus	
HACA	259 001	" carthamoides	
HAGR	259 002	" greenei	Greenes goldenweed
HAHI	259 003	" hirtus	
HALA	259 004	" lanuginosus	
HALY	259 005	" lyallii	
<u>HEDYS</u>	260 000	Hedysarum spp.	sweetvetch
HEBO	260 001	" boreale	northern sweetvetch
HEOC	260 002	" occidentale	western sweetvetch
<u>HELEN</u>	261 000	Helenium spp.	sneezeweed
HEBI	261 001	" bigelovii	bigelow sneezeweed
HELO	261 002	" hoopesii*	orange sneezeweed/SC
<u>HELIA</u>	262 000	Helianthella spp.	helianthella
HEDO	262 001	" douglasii	Douglas helianthella
HEUN	262 002	" uniflora	oneflower helianthella
<u>HELIU</u>	263 000	Helianthus spp.	sunflower
HEAN	263 001	" annuus	common sunflower
HECU	263 002	" cusickii	
<u>HELIO</u>	264 000	Heliotropium spp.	heliotrope
HECU2	264 001	" curassavicum	salt heliotrope

FORBS

(HEMI2)	----	(<u>Hemizonella minima</u>)	Madia minima	least hemizonella
<u>HERAC</u>	265 000	Heracleum spp.		cowparsnip
HELA	265 001	''	lanatum	common cowparsnip
<u>HESPE</u>	266 000	Hesperochiron spp.		hesperochiron
HECA	266 001	''	californicus	California hesperochiron
(HELA2)	----	(	'' lasianthus) H. californicus	
HEPU	266 002	''	pumilus	
<u>HETER</u>	267 000	Heterocodon spp.		
HERA2	267 001	''	rariflorum	
<u>HEUCH</u>	268 000	Heuchera spp.		alumroot
HECH	268 001	''	chlorantha	meadow alumroot
HECY	268 002	''	cylindrica	roundleaf alumroot
HEGL	268 003	''	glabella	
HEMI	268 004	''	micrantha	
HEOV	268 005	''	ovalifolia	ovalleaf alumroot
HERA	268 006	''	racemosa	Olympics alumroot
<u>HIERA</u>	269 000	Hieracium spp.		hawkweed
HIAL	269 001	''	albiflorum	white hawkweed
HICA	269 002	''	canadense	Canada hawkweed
(HICH)	----	(	'' <u>chapacanum</u>) H. scouleri	
HICY	269 003	''	cynoglossoides	houndstongue hawkweed

FORBS

HIGR	269 004	Hieracium gracile	slender hawkweed
HIGR2	269 005	" greenei	
(HIRY)	--- ---	(" <u>rydbergii</u>) H. cyno- glossoides	
HISC	269 006	" scouleri	woollyweed
HIUM	269 007	" umbellatum	
<u>HIPPU</u>	270 000	Hippuris spp.	marestail
HIVU	270 001	" vulgaris	marestail
<u>HORKE</u>	271 000	Horkelia spp.	horkelia
HOCA	271 001	" capitata	
HOCA2	271 002	" caruifolia	
HOCO	271 003	" congesta	
HOFU	271 004	" fusca	tawny horkelia
HOFUP	271 005	" " parviflora	
HOHO	271 006	" howellii	
HOTE	271 007	" tenella	
HOTR	271 008	" tridentata	
<u>HULSE</u>	272 000	Hulsea spp.	hulsea
HUNA	272 001	" nana	dwarf hulsea
HUNAL	272 002	" " larseni	
<u>HYDRO</u>	273 000	Hydrophyllum spp.	waterleaf
HYCA	273 001	" capitatum	ballhead waterleaf
HYCAA	273 002	" " alpi- num	

FORBS

HYFEA	273 003	Hydrophyllum fendleri alfi- frons	whiteface fendler waterleaf
HYOC	273 004	" occidentale	western waterleaf
HYTE	273 005	" tenuipes	
<u>HYOSC</u>	274 000	Hyoscyamus spp.	henbane
HYNI	274 001	" niger*	black henbane/SC
<u>HYPER</u>	275 000	Hypericum spp.	St. Johnswort
HYAN	275 001	" anagalloides	trailing St. Johnswort
HYCO	275 002	" concinnum	California St. Johnswort
HYFOS	275 003	" formosum scouleri	
HYPE	275 004	" perforatum*	common St. Johnswort/CS
(HYSC)	--- --- (	" <u>scouleri</u>) H. for- mosum	Scouler St. Johnswort
<u>HYPOC</u>	276 000	Hypochoeris spp.	catsear
HYRA	276 001	" radicata	spotted catsear
<u>HYPOP</u>	277 000	Hypopitys spp.	
(HYLA)	--- --- (	" <u>latisquama</u>) H. mon- otropa	
HYMO	277 001	" monotropa	pinemap
(HYMU)	--- --- (	" <u>multiflora</u>) H. mon- otropa	

FORBS

- I -

<u>IRIS</u>	278 000	Iris spp.	iris
IRDO	278 001	" douglasiana	Douglas iris
IRHA	278 002	" hartwegii	foothill iris
IRMA	278 003	" macrosiphon	tube iris
IRMI	278 004	" missouriensis	RockyMountain iris
IRTE	278 005	" tenax	Oregon iris
IRTE2	278 006	" tenuis	
IRTH	278 007	" thompsoni	Thompson iris
<u>IVESI</u>	279 000	Ivesia spp.	ivesia
IVGO	279 001	" gordonii	Gordon ivesia

- K -

<u>KELLO</u>	280 000	Kelloggia spp.	
KEGA	280 001	" galioides	

- L -

<u>LACTU</u>	281 000	Lactuca spp.	lettuce
LAPU	281 001	" pulchella	chicory lettuce
LASE	281 002	" serriola	prickly lettuce
LASEI	281 003	" " integrata	
LASP	281 004	" spicata	blue lettuce

FORBS

<u>LAMIU</u>	282 000	Lamium spp.	deadnettle
LAAM	282 001	" amplexicaule	henbit deadnettle
<u>LAPPU</u>	283 000	Lappula spp.	stickseed
LARE	283 001	" redowskii	western stickseed
<u>LATHY</u>	284 000	Lathyrus spp.	peavine
LABIS	284 001	" bijugatus sandbergii	Sandberg peavine
LACU	284 002	" cusickii	
LAEU	284 003	" eucosmus	
LALA	284 004	" lanceolatus	
LALA2	284 005	" lanszwertii	thickleaf peavine
LALA3	284 006	" latifolius	perennial peavine
LALI	284 007	" littoralis	beach peavine
LAJA	284 008	" japonicus	maritime peavine
LANE	284 009	" nevadensis	
LANU	284 010	" nuttallii	Nuttall peavine
LOAB	284 011	" obovatus	
LOAC2	284 012	" ochroleucus	cream peavine
LAOR	284 013	" oregonensis	
LAPA	284 014	" palustris	marsh peavine
LAPA2	284 015	" pauciflorus	fewflowered peavine
LAPAT	284 016	" " tenuior	
LAP	284 017	" polyphyllus	Pacific peavine
LARI	284 018	" rigidus	
LASC	284 019	" schaffneri	

FORBS

LASU	284 020	Lathyrus sulphureus	sulfur peavine
LASY	284 021	" sylvestris	flat peavine
LATO	284 022	" torreyi	Torrey peavine
<u>LAYIA</u>	285 000	Layia spp.	tidytips
LAGL	285 001	" glandulosa	whitedaisy tidytips
<u>LEPID</u>	286 000	Lepidium spp.	pepperweed
LECA	286 001	" campestre	field pepperweed
LEDB	286 002	" densiflorum	prairie pepperweed
(LEME)	--- --- (	" <u>medium</u>) L. virginicum medium	
LENI	286 003	" nitidum	tongue pepperweed
LEPE	286 004	" perfoliatum	clasping pepperweed
LEVIM	286 005	" virginicum medium	
<u>LEPTA</u>	287 000	Leptarrhena spp.	
LEAM	287 001	" amplexifolia	
<u>LEPTX</u>	288 000	Leptaxis spp.	
LEME	288 001	" menziesii	
<u>LEPTO</u>	289 000	Leptotaenia spp.	leptotaenia
LEDI	289 001	" dissecta	

FORBS

LEMU	289 002	Leptotaenia multifida	carrotleaf leptotaenia
LEPU	289 003	" purpurea	
<u>LESQU</u>	290 000	Lesquerella spp.	bladderpod
LEAR	290 001	" argentea	silver bladderpod
LEDO	290 002	" douglasii	
<u>LEUCO</u>	291 000	Leucocrinum spp.	starlily
LEMO	291 001	" montanum	common starlily
<u>LEWIS</u>	292 000	Lewisia spp.	lewisia
LECO	292 001	" columbiana	Columbia lewisia
LENE	292 002	" nevadensis	Nevada lewisia
LEPY	292 003	" pygmaeae	least lewisia
LERE	292 004	" rediviva	bitterroot lewisia
LETR	292 005	" triphylla	threeleaf lewisia
LETW	292 006	" tweedyi	Tweedy lewisia
<u>LIGUS</u>	293 000	Ligusticum spp.	Ligusticum
LIAP	293 001	" apiifolium	
LICA3	293 002	" canbyi	
(LICU)	--- --- (	" <u>cusickii</u>) L. grayi	
LIFIT	293 003	" filicinum tenui- folium	fernleaf ligusticum
LIGR	293 004	" grayi	Grays ligusticum
(LIPU)	--- --- (	" <u>purpureum</u>) L. grayi	

FORBS

<u>LILIU</u>	294 000	Lilium spp.	lily
LIOC	294 001	" columbianum	Columbia lily
LICO	294 002	" occidentale	Bureka lily
LIRU2	294 003	" rubescens	chaparral lily
LIWA	294 004	" washingtonianum	Washington lily
<u>LIMNA</u>	295 000	Limnanthes spp.	meadowfoam
LIAL	295 001	" alba	
LIRO	295 002	" rosea	
<u>LINAT</u>	296 000	Linanthastrum spp.	
LINU	296 001	" nuttallii	
<u>LINAN</u>	297 000	Linanthus spp.	
LIAN	297 001	" androsaceus	
LIGR2	297 002	" grandiflorus	
LIHA	297 003	" harknessii	
LIPH	297 004	" pharnaceoides	
<u>LINAR</u>	298 000	Linaria spp.	toadflax
LIVU2	298 001	" vulgaris	butter-and-eggs toadflax
<u>LINNA</u>	299 000	Linnaea spp.	twinflor
(LIBOA)	---	(" <u>borealis americana</u>) L. borealis longiflora	
LIBOL	299 001	" borealis longiflora	twinflor
<u>LINUM</u>	300 000	Linum spp.	flax
LILE	300 001	" lewisii	Lewis flax

FORBS

<u>LISTE</u>	301 000	Listera spp.	listera
LICA3	301 001	" caurina	northwest listera
LICO2	301 002	" convallarioides	broadlip listera
LICO3	301 003	" cordata	northern listera
<u>LITHO</u>	302 000	Lithophragma spp.	woodlandstar
LIBU	302 001	" bulbifera	
LIPA	302 002	" parviflora	smallflower woodlandstar
LITE	302 003	" tenella	slender woodlandstar
<u>LITHE</u>	303 000	Lithospermum spp.	gromwell
LICA	303 001	" californicum	
LIRU	303 002	" ruderale	wayside gromwell
<u>LOMAT</u>	304 000	Lomatium spp.	biscuitroot; lomatium
LOAM	304 001	" ambiguum	Wyeth biscuitroot
LOAN	304 002	" angustatum	
LOBR	304 003	" brandegei	
LOCI2	304 004	" circumdatum	Wallowa biscuitroot
LOC02	304 005	" cous	Cous biscuitroot
LODO	304 006	" donnellii	
LOGE	304 007	" geyeri	Geyer biscuitroot
LOGR	304 008	" grayi	
LOLE	304 009	" leptocarpum	bicolor biscuitroot
LOMA	304 010	" macrocarpum	bigseed lomatium
LOMA2	304 011	" martindalei	

FORBS

LONE	304 012	Lomatium nevadense	
LONU	304 013	" nudicaule	barestem lomatium
LOPI	304 014	" piperi	
LOSI	304 015	" simplex	narrowleaf lomatium
LOTR	304 016	" triternatum	nineleaf lomatium
LOTRM	304 017	" macrocarpum	
LOUT	304 018	" utriculatum	Pomo-celery lomatium
LOVA	304 019	" vaginatum	
<u>LOPHO</u>	305 000	Lophotocarpus spp.	
LOCA	305 001	" californicus	
<u>LOTUS</u>	306 000	Lotus spp.	deervetch
LOAM2	306 001	" americanus	Spanishclover deervetch
LOBI	306 002	" bicolor	
LOC04	306 003	" corniculatus	birdsfoot deervetch
LOCR	306 004	" crassifolius	big deervetch
LODO2	306 005	" douglasii	Douglas deervetch
LOMI	306 006	" micranthus	littleflower deervetch
LOOBT	306 007	" oblingifolius torreyi	Torrey stream deervetch
LOPE	306 008	" purshianus	
LOSU	306 009	" subpinnatus	Chilean deervetch
LOULV	306 010	" uliginosus villosus	
<u>LUETK</u>	307 000	Luetkea spp.	
LUPE	307 001	" pectinata	luetkea

FORBS

<u>LUINA</u>	308 000	Luina spp.	luina
LUHY	308 001	" hypoleuca	silverback luina
LUNA2	308 002	" nardosmia	
LUST	308 003	" stricta	
 <u>LUPIN</u>	 309 000	 Lupinus spp.	 lupine
LUAD	309 001	" adsurgens	drew lupine
LUAL	309 002	" albicaulis	pine lupine
LUALF	309 003	" albifrons flumineus	
LUAN	309 004	" andersoni	
LUAR	309 005	" arboreus	tree lupine
LUAR2	309 006	" aridus	prairie lupine
LUARA	309 007	" " abortivus	
LUARC	309 008	" " cusickii	
LUART	309 009	" " torreyi	Torrey lupine
LUBI	309 010	" bicolor	bicolor lupine
LUBU	309 011	" burkei	Burke lupine
LUCA	309 012	" caudatus*	tailcup line/SC
LUCAR	309 013	" " rubricaulis	
LUCO2	309 014	" corymbosus	corymbed lupine
LUHO	309 015	" holosericeus	littleflower lupine
LULA	309 016	" latifolius*	broadleaf lupine/SC
LULAC	309 017	" " columbi- anus	Columbia broadleaf lupine
LULAL	309 018	" " longipes	longstalk broadleaf lupine
LULAS	309 019	" " subalpinus	

FORBS

LULA2	309 020	Lupinus laxiflorus	spur lupine
LULAA	309 021	" " calcaratus	longspur lupine
LULAO	309 022	" " cognatus	
LULAI	309 023	" " silvicola	sylvan spur lupine
LULE	309 024	" leucophyllus*	velvet lupine/SC
LULEB	309 025	" " belliae	
LULEC	309 026	" " canes- cens	hoary velvet lupine
LULET	309 027	" " tenuispicus	
LULI	309 028	" littoralis	shore lupine
LULY	309 029	" lyallii	Lyall lupine
LULYL	309 030	" " lobbii	Lobb lupine
LUMI	309 031	" micranthus	field lupine
LUMI2	309 032	" microcarpus	chick lupine
LUMI3	309 033	" ~~micranthus~~	least lupine
LUNA	309 034	" nanus	sky lupine
LUOR	309 035	" ornatus	ornate lupine
LUPA2	309 036	" parviflorus	lodgepole lupine
LUPO	309 037	" polyphyllus*	Washington lupine/SC
LUPS	309 038	" pseudoparviflorus	Montana lupine
LUPU	309 039	" pusillus*	rusty lupine/SC
LURI	309 040	" rivularis	stream lupine
LUSA2	309 041	" sabinii	
LUSA	309 042	" saxosus	rock lupine
LUSC	309 043	" scheuberae	

FORBS

LUSE	309 044	Lupinus sericeus*	silky lupine/SC
LUSU3	309 045	" subalpinus	subalpine lupine
LUSUT	309 046	" subvexus transmontanus	
LUSU2	309 047	" suksdorfii	
LUSU	309 048	" sulphureus	sulfur lupine
LUSUB	309 049	" superbus bernardinus	hollowstem lupine
LUWY	309 050	" wyethii	Wyeth lupine
<u>LYCOP</u>	310 000	Lycopodium spp.	clubmoss
LYCL	310 001	" clavatum	runningpine clubmoss
<u>LYGOD</u>	311 000	Lygodesmia spp.	skeletonplant
LYSP	311 001	" spinosa	thorn skeletonplant
<u>LYSIC</u>	312 000	Lysichitum spp.	yellowskunkcabbage
LYAM	312 001	" americanum	American yellowskunk- cabbage

- M -

<u>MADIA</u>	313 000	Madia spp.	tarweed
MABO	313 001	" bolanderi	
(MADI)	--- --- (	" <u>dissitiflora</u>) M. gracilis	common tarweed
MAEL	313 002	" elegans	showy tarweed

FORBS

MAGL	313 003	Madia glomerata	cluster tarweed
MAGR	313 004	" gracilis	
MAMA	313 005	" madioides	
MAMI	313 006	" minima	
<u>MAIAN</u>	314 000	Maianthemum spp.	beadruby
MADI2	314 001	" dilatatum	
<u>MALVA</u>	315 000	Malva spp.	mallow
MAMO	315 001	" moschata	musk mallow
MAPA	315 002	" parviflora	little mallow
MARO	315 003	" rotundifolia	running mallow
<u>MARAH</u>	316 000	Marah spp.	bigroot
MAOR	316 001	" oreganus	Oregon bigroot
<u>MARIA</u>	317 000	Mariana spp.	
MALA	317 001	" lactea	
<u>MARRU</u>	318 000	Marrubium spp.	hoarhound
MAVU	318 001	" vulgare	common hoarhound
<u>MATRI</u>	319 000	Matricaria spp.	mayweed
MAMA2	319 001	" matricarioides	pineapple-weed
<u>MEDIC</u>	320 000	Medicago spp.	medic
MEAR2	320 001	" arabica	spotted medic
MEFA	320 002	" falcata	

FORBS

MELU	320 003	Medicago lupulina	black medic
MESA	320 004	" sativa	alfalfa
(MEOR)	---	--- (<u>Megarrhiza oregona</u>)	Marah ore- ganus
<u>MELIL</u>	321 000	Melilotus spp.	sweetclover
MEAL	321 001	" alba	white sweetclover
MEOF	321 002	" officinalis	yellow sweetclover
<u>MENTH</u>	322 000	Mentha spp.	mint
MEARC	322 001	" arvensis canadensis	
(MECA)	---	--- (" <u>canadensis</u>)	M. arven- sis canadensis
<u>MENTZ</u>	323 000	Mentzelia spp.	
MEAC	323 001	" acuminata	
MEAL2	323 002	" albicaulis	whitestem mentzelia
MEDI	323 003	" dispersa	
MELA2	323 004	" laevicaulis	blazingstar mentzelia
MELA	323 005	" laevigata	
<u>MENYA</u>	324 000	Menyanthes spp.	bogbean
METR	324 001	" trifoliata	common bogbean
<u>MERTE</u>	325 000	Mertensia spp.	bluebells
MEBR	325 001	" brevistyla	shortstyle bluebells
MECI	325 002	" ciliata	mountain bluebells
MEO	325 003	" longiflora	small bluebells

FORBS

MEOB	325 004	Mertensia obligifolia	oblongleaf bluebells
MEPA	325 005	" paniculata	panicle bluebells
MEPAB	325 006	" " bor-ealis	smooth panicle bluebells
MEPL	325 007	" platyphylla	Oregon broadleaf bluebells
(MEUM)	--- ---	(" <u>umbratilis</u>) M. ob-longifolia	
<u>MESEM</u>	326 000	Mesembryanthemum spp.	mesembryanthemum
MEBQ	326 001	" equilaterale	
	--- ---	(<u>Micromeria</u> spp.) Satureja spp.	
(MICH)	--- ---	(" <u>chamissonis</u>) Sat-ureja douglasii	
(MIDO)	--- ---	(" <u>douglasii</u>) Satureja douglasii	
<u>MICRO</u>	327 000	Micropus spp.	
MICA	327 001	" californicus	
<u>MICRS</u>	328 000	Microseris spp.	microseris
MIAL2	328 001	" alpestris	
MILA	328 002	" laciniata	
MINU	328 003	" nutans	nodding microseris
MITR	328 004	" troximoides	
<u>MICRT</u>	329 000	Microsteris spp.	
MIGR	329 001	" gracilis (<u>Phlox gracilis</u>)	
MIGRH	329 002	" " humilior	

FORBS

(MIHU)	---	---	(<u>Microsteris humilis</u>) M. grac-	
			ilis humilior	
(MIMI)	---	---	(" <u>micrantha</u>) M. grac-	
			ilis humilior	
<u>MIMUL</u>	330	000	Mimulus spp. (Also see	monkeyflower
			shrubs)	
MIAL	330	001	" alsinoides	
MIBR2	330	002	" breweri	Brewer monkeyflower
MICA2	330	003	" cardinalis	crimson monkeyflower
MICU	330	004	" cusickii	
MIDE	330	005	" dentatus	
MIFL	330	006	" floribundus	purplestem monkeyflower
MIGU	330	007	" guttatus	common monkeyflower
(MIIM)	---	---	(" <u>implexus</u>) M. tilingii	
MILE	330	008	" lewisii	Lewis monkeyflower
(MILUA)	---	---	(" <u>luteus alpinus</u>) M.	
			tilingii	
(MIMI2)	---	---	(" <u>microphyllus</u>) M. gut-	
			tatus	
MIMO	330	009	" moschatus	muskplant monkeyflower
MINA	330	010	" nanus	dwarf monkeyflower
(MINA2)	---	---	(" <u>nasutus</u>) M. guttatus	
MIPR	330	011	" primuloides	primrose monkeyflower
MIPU	330	012	" pulsiferae	
MITI	330	013	" tilingii	
(MISC)	---	---	(" <u>scouleri</u>) M. guttatus	
<u>MIRAB</u>	331	000	Mirabilis spp.	four-o'clock

FORBS

<u>MITEL</u>	332 000	Mitella spp.	miterwort
MIBR	332 001	" breweri	Brewer miterwort
MICA	332 002	" caulescens	leafy miterwort
MIOV	332 003	" ovalis	
MIPE	332 004	" pentandra	fivestamen miterwort
MIST2	332 005	" stauiopetala	
MIST	332 006	" stenopetala	smallflower miterwort
MITR2	332 007	" trifida	
<u>MOEHR</u>	333 000	Moehringia spp.	
MOLA	333 001	" lateriflora	
MOMA	333 002	" macrophylla	
<u>MONAR</u>	334 000	Monardella spp.	monardella
(MODI)	--- ---	(" <u>discolor</u>) M. odoratissima	
(MONE)	--- ---	(" <u>nervosa</u>) M. odoratissima	
MOOD	334 001	" odoratissima	Pacific monardella
(MOODD)	--- ---	(" " <u>discolor</u>) M. odoratissima	
MOSH	334 002	" sheltoni	
<u>MONES</u>	335 000	Moneses spp.	
MOUN	335 001	" uniflora	woodnymph
<u>MONOL</u>	336 000	Monolepis spp.	monolepis
MONU	336 001	" nuttalliana	Nuttall monolepis
<u>MONOT</u>	337 000	Monotropa spp.	Indianpipe
MOUN2	337 001	" uniflora	Indianpipe

FORBS

<u>MONTI</u>	338 000	Montia spp.	Indianlettuce
MOCH	338 001	" chamissoi	chamissoi Indianlettuce
MOFO	338 002	" fontana	water Indianlettuce
MOLI	338 003	" linearis	lineleaf Indianlettuce
<u>MYOSO</u>	339 000	Myosotis spp.	forgetmenot
<u>MYOSU</u>	340 000	Myosurus spp.	mousetail
MYAR	340 001	" aristatus	

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<u>NARTE</u>	341 000	Nartecium spp.	bogasphodel
NACA	341 001	" californicum	California bogasphodel
<u>NAVAR</u>	342 000	Navarretia spp.	
NABR	342 001	" breweri	
NAIN	342 002	" intertexta	
(NAKL)	--- --- (	" <u>klickitatensis</u>) N. tagetina	
NATA	342 003	" tagetina	
<u>NEMOP</u>	343 000	Nemophila spp.	nemophila
NEBR	343 001	" breviflora	Great Basin nemophila
(NEDE)	--- --- (	" <u>densa</u>) N. pedunculata	

FORBS

(NEIN)	---	---	(<u>Nemophila inconspicua</u>)	N. par-	
				viflora	
NEPA	343	002	"	parviflora	smallflower nemophila
NEPE	343	003	"	pedunculata	
(NESE)	---	---	("	<u>sepulta</u>)	N. pedun-
					culata
<u>NICOT</u>	344	000	Nicotiana	spp.	tobacco
NIAT	344	001	"	attenuata	coyote tobacco
<u>NITRO</u>	345	000	Nitrophylla	spp.	
NIOC	345	001	"	occidentalis	
<u>NYMPH</u>	346	000	Nymphaea	spp.	waterlily
NYPO	346	001	"	polysepala	

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<u>OENAN</u>	347	000	Oenanth	spp.	waterdropwort
(OECA)	---	---	("	<u>californica</u>)	O. sar-
					mentosa
OESA	347	001	"	sarmentosa	Pacific waterdropwort
<u>OENOT</u>	348	000	Oenothera	spp.	eveningprimrose; sundrops
OEANH	348	001	"	andina hilgardi	
OECH	348	002	"	cheiranthifolia	beach eveningprimrose

FORBS

OEHE	348 003	Oenothera heterantha	
OEHO	348 004	" hookeri	Hooker eveningprimrose
OEPA	348 005	" pallida	pale eveningprimrose
OERY	348 006	" rydbergii	
OETA	348 007	" tanacetifolia	tansyleaf eveningprimrose
<u>OPUNT</u>	349 000	Opuntia spp.	pricklypear; cholla
OPHY	349 001	" hystricina	
(OPRH)	--- --- (	" <u>rhodantha</u>) O. hystri-	cina
<u>OROBA</u>	350 000	Orobanche spp.	broomrape
ORCA	350 001	" californica	
ORFA2	350 002	" fasciculata	
ORUN	350 003	" uniflora	
<u>OROGE</u>	351 000	Orogenia spp.	
ORLI	351 001	" linearifolia	
<u>ORTHO</u>	352 000	Orthocarpus spp.	owlclover
ORAT	352 001	" attenuatus	valley tassels owlclover
ORCOC	352 002	" copelandii cryptanthus	
(ORCR)	--- --- (	" <u>cryptanthus</u>) O. cope-	landii cryptanthus
ORCU	352 003	" cuspidatus	
ORER	352 004	" erianthus	Johnnytuck owlclover
ORFA	352 005	" faucibarbus	
ORHI	352 006	" hispidus	

FORBS

ORIM	352 007	Orthocarpus imbricatus	
ORLU	352 008	" luteus	yellow owlclover
ORPU	352 009	" pusillus	
ORTE	352 010	" tenuifolius	
<u>OSMOR</u>	353 000	Osmorhiza spp.	sweetroot
(OSBR)	~~-----~~	(" <u>brevipes</u>) O. chil-	
		ensis	
OSCH	353 001	" chilensis	
(OSDI)	--- ---	(" <u>divaricata</u>) O.	spreading sweetroot
		chilensis	
(OSNU)	--- ---	(" <u>nuda</u>) O. chilensis	
OSOC	353 002	" occidentalis	sweetanise
OSPU	353 003	" purpurea	
<u>OXALI</u>	354 000	Oxalis spp.	oxalis
OXOR	354 001	" oregana	Oregon oxalis
OXSU	354 002	" suksdorfii	
<u>OXYRI</u>	355 000	Oxyria spp.	mountainsorrel
OXDI	355 001	" digyna	alpine mountainsorrel
<u>OXYTR</u>	356 000	Oxytropis spp.	crazyweed
OXLU	356 001	" luteola	
OXVI	356 002	" viscida	

FORBS

- P -

<u>PABON</u>	357 000	Paeonia spp.	peony
PABR	357 001	" brownii	Browns peony
<u>PARNA</u>	358 000	Parnassia spp.	parnassia
PACA2	358 001	" californica	California parnassia
PAFI	358 002	" fimbriata	RockyMountain parnassia
PAPA	358 003	" palustris	wideworld parnassia
<u>PEDIC</u>	359 000	Pedicularis spp.	pedicularis
(PEAT2)	--- ---	(" <u>atrosanguinea</u>) P. bracteosa	
PEAT3	359 001	" attollens	
PEBR	359 002	" bracteosa	bracted pedicularis
PECE	359 003	" centranthera	dwarf pedicularis
PECO2	359 004	" contorta	coiled pedicularis
PEDE2	359 005	" densiflora	Indianwarrior pedicularis
PEGR	359 006	" groenlandica	elephanthead pedicularis
PERA	359 007	" racemosa	sickletop pedicularis
<u>PELLA</u>	360 000	Pellaea spp.	cliffbrake
PEBR2	360 001	" brachyptera	Sierra cliffbrake
PEBR3	360 002	" breweri	Brewers cliffbrake

FORBS

<u>PENST</u>	361 000	Penstemon spp.	penstemon
PEAT	361 001	" attenuatus	sulfur penstemon
(PECA)	--- ---	(" <u>cacuminis</u>) P. pro- cerus	
PECH	361 002	" chionophilus	snowland penstemon
PECI	361 003	" cinicola	
PECO	361 004	" confertus	yellow penstemon
PEDA	361 005	" davidsonii	Davidson penstemon
PEDE	361 006	" deustus	scabland penstemon
PEER	361 007	" eriantherus	fuzzytongue penstemon
PEEU	361 008	" euglaucus	
PEFR	361 009	" fruticosus	bush penstemon
PEFRS	361 010	" " scouleri	
PEGA	361 011	" gairdneri	Gairdner penstemon
(PEGL2)	--- ---	(" <u>glaber</u>) P. speci- osus	sawsepal penstemon
PEGL	361 012	" glanulosus	stickystem penstemon
PEGL4	361 013	" globosus	
PEHU	361 014	" humilis	low penstemon
PEKI	361 015	" kingii	Kings penstemon
PELA	361 016	" laetus	gay penstemon
PELAR	361 017	" " roezlii	
PELI	361 018	" lineolatus	Humboldt penstemon
(PEME)	--- ---	(" <u>menziesii</u>) P. dav- idsonii	Menzies penstemon
(PEMI)	--- ---	(" <u>micranthus</u>) P. procerus	tinybloom penstemon

FORBS

PENE2	361 019	Penstemon nemorosus	grove penstemon
PENE	361 020	" newberryi	Newberry penstemon
(PEOR)	--- --- (	" <u>oreganus</u>) P. gaird- neri	Oregon penstemon
(PEOR3)	--- --- (	" <u>oreocharis</u>) P. ryd- bergii	
PEOV	361 021	" ovatus	eggleaf penstemon
PEPR	361 022	" procerus	littleflower penstemon
PEPR2	361 023	" pruinosis	prickleleaf penstemon
(PEPS)	--- --- (	" <u>pseudoprocerus</u>) P. attenuatus	
PERA2	361 024	" rattani	Rattan penstemon
PERI	361 025	" richardsonii	Richardson penstemon
(PERO)	--- --- (	" <u>roezlii</u>) P. laetus roezlii	placer penstemon
PERU	361 026	" rupicola	cliff penstemon
PERY	361 027	" rydbergii	Rydberg penstemon
(PESC)	--- --- (	" <u>scouleri</u>) P. fruit- icosus scouleri	Scouler penstemon
PESE	361 028	" serrulatus	coast penstemon
PESP	361 029	" speciosus	royal penstemon
PESU	361 030	" subglaber	Wasatch penstemon
(PETO)	--- --- (	" <u>tolmiei</u>) P. pro- cerus	Tolmie penstemon
(PEVA)	--- --- (	" <u>variabilis</u>) P. deustus	Klickitat penstemon
PEVE	361 031	" venustus	BlueMountain penstemon
PEVI	361 032	" virens	green penstemon

FORBS

(PEWA)	---	---	(<u>Penstemon</u> <u>washoensis</u>)	P. ryd- bergii	
PEWA2	361	033	"	watsoni	Watson penstemon
PEWI	361	034	"	wilcoxii	Wilcox penstemon
<u>PERID</u>	362	000	Perideridia	spp.	false-caraway
PEBO	362	001	"	bolanderi	Bolander false-caraway
PEGA2	362	002	"	gairdneri	Yampa
PEOR2	362	003	"	oregana	Eppaw
No Symbol			(<u>Persicaria</u> spp.)	Polygonum spp.	
<u>PETAL</u>	363	000	Petalostemum	spp.	prairieclover
PEOR4	363	001	"	ornatum	
<u>PETAS</u>	364	000	Petasites	spp.	butterbur
PEFR2	364	001	"	frigida	
PENI	364	002	"	nivalis	
PEPA	364	003	"	palmata	palmate butterbur
PESP2	364	004	"	speciosa	
<u>PHACE</u>	365	000	Phacelia	spp.	phacelia
(PHAL2)	---	---	("	<u>alpina</u>)	P. hastata
PHBO2	365	001	"	bolanderi	
PHHA	365	002	"	hastata	
PHHE	365	003	"	heterophylla	varileaf phacelia
PHID	365	004	"	idahoensis	Idaho phacelia
(PHLE)	---	---	("	<u>leucophylla</u>)	P. has- tata

FORBS

PHLI	365 005	Phacelia linearis	threadleaf phacelia
PHNE	365 006	" nemoralis	
PHPR2	365 007	" procera	
PHRA	365 008	" ramosissima	branching phacelia
PHSE	365 009	" sericea	silky phacelia
(PHVI)	--- --- (	" <u>virgata</u>) P. hetero- phylla	
<u>PHLOX</u>	366 000	Phlox spp.	phlox
PHAD	366 001	" adsurgens	periwinkle phlox
PHCA2	366 002	" caespitosa	tufted phlox
PHCAC	366 003	" " condensata	dwarf tufted phlox
PHCO2	366 004	" colubria	
PHDI	366 005	" diffusa	spreading phlox
(PHDIL)	--- --- (	" " <u>longistylis</u>) P. diffusa	
(PHDO)	--- --- (	" <u>douglasii</u>) P. caespi- tosa	Douglas phlox
PHDOR	366 006	" " rigida	thickleaf Douglas phlox
(PHGR)	--- --- (	" <u>gracilis</u>) Microsteris gracilis	
PHHO	366 007	" hoodii	Hoods phlox
(PHHOC)	--- --- (	" " <u>canescens</u>)	
(PHLI2)	--- --- (	" <u>linearifolia</u>) P. longi- folia	
PHLO	366 008	" longifolia	longleaf phlox
(PHLOC)	--- --- (	" " <u>calva</u>) P. longifolia	

FORBS

(PHLOH)	---	---	(<u>Phlox longifolia humilis</u>) P. longifolia	
PHSP	366	009	" speciosa	showy phlox
(PHSPL)	---	---	(" " <u>lanceolata</u>) P. speciosa	
(PHSPN)	---	---	(" " <u>nitida</u>) P. speciosa	
(PHSPO)	---	---	(" " <u>occidentalis</u>) P. speciosa	
(PHVI2)	---	---	(" <u>viridis</u>) P. longifolia	
PHVI3	366	010	" viscida	sticky phlox
<u>PHOEN</u>	367	000	Phoenicaulis spp.	phoenicaulis
PHCH	367	001	" cheiranthoides	wallflower phoenicaulis
PHCHL	367	002	" " <u>lan-</u> uginosa	
<u>PHYSA</u>	368	000	Physaria spp.	twinpod
PHAL3	368	001	" alpestris	
PHDI2	368	002	" didymocarpa	common twinpod
PHGE	368	003	" geyeri	
PHOR	368	004	" Oregana	
<u>PINGU</u>	369	000	Pinguicula spp.	butterwort
PIVU	369	001	" vulgaris	common butterwort
<u>PITYR</u>	370	000	Pityrogramma spp.	goldfern
PITR	370	001	" triangularie	California goldfern

FORBS

<u>PLAGI</u>	371 000	Plagiobothrys spp.	popcornflower
(PLCU)	--- --- (	" <u>cusickii</u>) P. scouleri	
PLFL	371 001	" figuratus	
(PLHI)	--- --- (	" <u>hispidulus</u>) P. scouleri	
PLSC2	371 002	" scouleri	Scouler popcornflower
PLTE	371 003	" tenellus	
PLTE2	371 004	" tener	
<u>PLANT</u>	372 000	Plantago spp.	plantain
PLAS	372 001	" asiatica	Asiatic plantain
PLGA	372 002	" galeattiana	beak plantain
PLLA	372 003	" lanceolata	buckhorn plantain
PLMA	372 004	" major	rippleseed plantain
PLMA2	372 005	" maritima	European seaside plantain
PLPA	372 006	" patagonica	Patagonia Indianwheat
(PLPU)	--- --- (	" <u>purshii</u>) P. pata- gonica	plantain
<u>PLATY</u>	373 000	Platyspermum spp.	
PLSC	373 001	" scapigerum	
<u>PLECT</u>	374 000	Plectritis spp.	plectritis
PLCO	374 001	" congesta (<u>Valeri- anella congesta</u>)	
PLMA3	374 002	" macrocera	longhorn plectritis

FORBS

<u>POLEM</u>	375 000	Polemonium spp.	polemonium
POCA2	375 001	" carneum	salmon polemonium
POMI	375 002	" micranthum	littlebells polemonium
POOC	375 003	" occidentale	western polemonium
POPU	375 004	" pulcherrimum	skunkleaf polemonium
POVI	375 005	" viscosum	sticky polemonium
 <u>POLYG</u>	 376 000	 Polygonum spp.	 knotweed
POAM2	376 001	" amphibium	water ladysthumb
POAMS	376 002	" " stipulaceum	
POAV	376 003	" aviculare	prostrate knotweed
POBI	376 004	" bistortoides	American bistort
POCOH	376 005	" " hartwrightii	
POCO2	376 006	" convolvulus	dullseed cornbind
PODO	376 007	" douglasii	Douglas knotweed
POER	376 008	" erectum	erect knotweed
POHY	376 009	" hydropiper	marshpepper smartweed
POMA2	376 010	" majus	
POMI2	376 011	" minimum	broadleaf knotweed
POMO2	376 012	" montanum	
PONA	376 013	" natans	floating ladysthumb
PONE4	376 014	" newberryi	Newberry fleecflower
PONU	376 015	" nudum	
PONU2	376 016	" nuttallii	
POPA2	376 017	" paronychia	nailwort knotweed

FORBS

POPE	376 018	Polygonum persicaria	spotted ladysthumb
POPH	376 019	" phytolaccaefolium	pokeweed fleecflower
POPO	376 020	" polygaloides	polygala knotweed
POSA	376 021	" sawatchense	Sawatch knotweed
POSC2	376 022	" scandensa	hedge cornbind
POVI2	376 023	" viviparum	viviparous bistort
POWA	376 024	" watsoni	
<u>POLYD</u>	377 000	Polypodium spp.	polypody
POGL4	377 001	" glycyrrhiza	licoricefern
<u>POLYS</u>	378 000	Polystichum spp.	hollyfern
POLO2	378 001	" lonchitis	mountain hollyfern
POMU	378 002	" munitum	western swordfern
POSC3	378 003	" scopulinum	Eaton hollyfern
<u>POLYT</u>	379 000	Polytrichum spp.	haircapmoss
POAL2	379 001	" alpinum	alpine haircapmoss
<u>PORTE</u>	380 000	Porterella spp.	
POCA4	380 001	" carnosula	
<u>PORTU</u>	381 000	Portulaca spp.	portulaca
POOL	381 001	" oleracea	common purslane
<u>POTAM</u>	382 000	Potamogeton spp.	pondweed
POEP2	382 001	" epihydrus	ribbonleaf pondweed
PONA2	382 002	" natans	floatingleaf pondweed

FORBS

<u>POTEN</u>	383 000	Potentilla spp. (Also see shrubs)	cinquefoil
POAR	383 001	" argentea	silver cinquefoil
POARC	383 002	" arguta convallaria	
POBA	383 003	" bakeri	Baker cinquefoil
POBL	383 004	" blaschkeana	Blaschke cinquefoil
POCA3	383 005	" cascadiensis	
(POCO2)	--- --- (	" <u>corymbosa</u>) P. arguta convallaria	
PODI	383 006	" diversifolia	varileaf cinquefoil
PODR	383 007	" drummondii	Drummond cinquefoil
POET	383 008	" etomentosa	
POFA	383 009	" fastigiata	
POFI	383 010	" fissa	bigflower cinquefoil
POFL2	383 011	" flabellifolia	fanleaf cinquefoil
POFL	383 012	" flabelliformis	
POGL3	383 013	" glabrata	
POGL	383 014	" glandulosa	gland cinquefoil
POGL2	383 015	" glaucophylla	blueleaf cinquefoil
POGR	383 016	" gracilis	northwest cinquefoil
POGRN	383 017	" " nuttallii	
(POMO3)	--- --- (	" <u>monspeliensis</u>) P. Montpellier hirsuta	cinquefoil
PONE3	383 018	" newberryi	
PONOH	383 019	" norvegica hirsuta	hairy Norwegian cinquefoil
POPA3	383 020	" palustris	marsh cinquefoil
POPU3	383 021	" pulcherrima	beauty cinquefoil

FORBS

POPU2	383 022	Potentilla pumila	petty cinquefoil
PORH	383 023	" rhomboidea	
POVA2	383 024	" valida	
POVI3	383 025	" viridescens	
<u>PRENA</u>	384 000	Prenanthes spp.	rattlesnakeroot
PRAL	384 001	" alata	
<u>PRIMU</u>	385 000	Primula spp.	primrose
PRCU	385 001	" cusickiana	
<u>PRUNE</u>	386 000	Prunella spp.	selfheal
PRVU	386 001	" vulgaris	common selfheal
<u>PSORA</u>	387 000	Psoralea spp.	scurfpea
PSPH	387 001	" physodes	Californiatea scurfpea
<u>PTERE</u>	388 000	Pteretis spp.	
PTSP	388 001	" spicant	
<u>PTERI</u>	389 000	Pteridium spp.	
PTAQF	389 001	" aquilinum pubes- cens*	western bracken/CS
<u>PTERO</u>	390 000	Pterospora spp.	pinedrops
PTAN	390 001	" andromeda	woodland pinedrops
<u>PTERY</u>	391 000	Pteryxia spp.	
PTTEF	391 001	" tereginthina foeni- culacea	

FORBS

<u>PYROL</u>	392 000	Pyrola spp.	pyrola
PYAP	392 001	" aphylla	leafless pyrola
PYAS	392 002	" asarifolia	alpine pyrola
PYASI	392 003	" " incarnata	
(PYCH)	--- ---	(" <u>chlorantha</u>) P. virens	green pyrola
PYDE	392 004	" dentata	toothleaf pyrola
PYMI	392 005	" minor	snowline pyrola
(PYPA)	--- ---	(" <u>pallida</u>) P. dentata	
PYPI	392 006	" picta	whitevein pyrola
(PYRO)	--- ---	(" <u>rotundifolia</u>) P. asar- ifolia	
PYSE	392 007	" secunda	sidebells pyrola
PYVI	392 008	" virens	green pyrola

- R -

<u>RAILL</u>	393 000	Raillardella spp.	
RAAR	393 001	" argentea	
No Symbol	--- ---	(<u>Rainiera</u> spp.) Luina spp.	
<u>RANUN</u>	394 000	Ranunculus spp.	buttercup
RAAL	394 001	" alismaefolius	plantainleaf buttercup
RAALA	394 002	" " alis- mellus	dwarf plantainleaf buttercup

FORBS

RAAQ	394 003	Ranunculus	aquatilis	watercrowfoot buttercup
RAAQC	394 004	"	" capil- laceus	hairleaf watercrowfoot buttercup
RABO	394 005	"	bongardii	Bongard buttercup
RACA	394 006	"	californicus	California buttercup
RACY	394 007	"	cymbalaria	shore buttercup
RADO	394 008	"	douglasii	
RAES	394 009	"	eschtscholtzii	Eschtscholtz buttercup
RAFLU	394 010	"	flammula unalas- chensis	
RAGL	394 011	"	glaberrimus	sagebrush buttercup
RAMA	394 012	"	macounii	
RAOC	394 013	"	occidentalis	western buttercup
RAOR	394 014	"	orthorhyncus	straightbeak buttercup
RAORP	394 015	"	" platy- phyllus	great straightbeak buttercup
RAPU	394 016	"	purshii	
RARE	394 017	"	repens	creeping buttercup
RARE2	394 018	"	reptans	
RASC	394 019	"	sceleratus	blister buttercup
RASU	394 020	"	suksdorfii	Suksdorf buttercup
RAUN	394 021	"	unalaschensis	
RAVE	394 022	"	verecundus	

RHYTI 395 000 Rhytidiadelphus spp.

RHLO 395 001 " loreus

FORBS

<u>ROMAN</u>	396 000	Romanzoffia spp.	mistmaiden
ROSI	396 001	" sitchensis	Sitka mistmaiden
<u>RORIP</u>	397 000	Rorippa spp.	cress
ROCU	397 001	" curvisiliqua	
ROLY	397 002	" lyrata	
RONA	397 003	" nasturtium-aquaticum	watercress
<u>RUDBE</u>	398 000	Rudbeckia spp.	coneflower
(RUAL)	--- ---	(" <u>alpicola</u>) R. occi- dentalis alpicola	
RUHI	398 001	" hirta	blackeyedsusan
RUOC	398 002	" occidentalis	niggerhead
RUOCA	398 003	" alpicola	
<u>RUMEX</u>	399 000	Rumex spp.	dock
RUAC	399 001	" acetosella	sheep sorrel
RUCR	399 002	" crispus	curly dock
RUME	399 003	" mexicanus	Mexican dock
RUOB	399 004	" obtusifolius	bitter dock
RUOC2	399 005	" occidentalis	western dock
RUPA2	399 006	" paucifolius	mountain sorrel
RUSA	399 007	" salicifolius	willow dock
RUVE	399 008	" venosus	veiny dock

FORBS

- S -

<u>SAGIN</u>	400 000	Sagina spp.	pearlwort
SAOC2	400 001	" occidentalis	
SASA	400 002	" saginoides	arctic pearlwort
<u>SAGIT</u>	401 000	Sagittaria spp.	arrowhead
(SAAR)	--- ---	(" <u>arifolia</u>) S. cuneata	
SACU	401 001	" cuneata	
SALA	401 002	" latifolia	common arrowhead
SALSO	402 000	Salsola spp.	Russianthistle
SAKAT	402 001	" kali tenuifolia	common Russianthistle
<u>SANGU</u>	403 000	Sanguisorba spp.	burnet
SAAN	403 001	" annua	prairie burnet
SACA3	403 002	" canadensis	American burnet
SAMI	403 003	" microcephala	
SAMI2	403 004	" minor	small burnet
SAOF	403 005	" officinalis	garden burnet
SAOC	403 006	" occidentalis	
SASI	403 007	" sitchensis	Sitka burnet

FORBS

<u>SANIC</u>	404 000	Sanicula spp.	sanicle
SAAR	404 001	" arctopoides	
SABI	404 002	" bipinnatifida	poison sanicle
SASE	404 003	" septentrionalis	
<u>SAPON</u>	405 000	Saponaria spp.	soapwort
SAOF2	405 001	" officinalis	bouncingbet
SAVA	405 002	" vaccaria	cow soapwort
<u>SATUR</u>	406 000	Satureja spp.	
SADO	406 001	" douglasii	
<u>SAUSS</u>	407 000	Saussurea spp.	saussurea
SAAM	407 001	" americana	
<u>SAXIF</u>	408 000	Saxifraga spp.	saxifrage
SAAE	408 001	" aestivalis	summer saxifrage
SAAR2	408 002	" arguta	brook saxifrage
SAAU	408 003	" austromontana	yellowdot saxifrage
SABO	408 004	" bongardii	Bongard saxifrage
SABR	408 005	" bronchialis	
SACA4	408 006	" caespitosa	
SACH	408 007	" cherlerioides	
SACO	408 008	" columbiana	Columbian saxifrage
SAFR	408 009	" fragosa	
SAHI	408 010	" hieracifolia	
SAIN	408 011	" integrifolia	swamp saxifrage

FORBS

SAJA	408 012	Saxifraga jamesii	
SALY	408 013	" lyallii	Lyall saxifrage
SAMA	408 014	" marshallii	
SAME3	408 015	" mertensiana	Mertens saxifrage
SAOP	408 016	" oppositifolia	twinleaf saxifrage
SAOR	408 017	" oregana	
SAPA	408 018	" parvifolia	
SAPE	408 019	" peltata	umbrella saxifrage
SAPU	408 020	" punctata	dotted saxifrage
SARE	408 021	" reflexa	
SARH	408 022	" rhomboidea	diamondleaf saxifrage
SARU	408 023	" rufidula	redwool saxifrage
SATO	408 024	" tolmiei	Tolmie saxifrage
<u>SCHEU</u>	409 000	Scheuchzeria spp.	Scheuchzeria
SCPA	409 001	" palustris	Scheuchzeria
<u>SCHOE</u>	410 000	Schoenocrambe spp.	plainsmustard
SCLI	410 001	" linifolia	flaxleaf plainsmustard
<u>SCHOL</u>	411 000	Schoenolirion spp.	
SCAL	411 001	" album	
<u>SCOLI</u>	412 000	Scoliopus spp.	
SCHA	412 001	" hallii	

FORBS

<u>SCROP</u>	413 000	Scrophularia spp.	figwort
SCCA	413 001	" californica	California figwort
SCLA	413 002	" lanceolata	lanceleaf figwort
<u>SCUTE</u>	414 000	Scutellaria spp.	skullcap
SCAN	414 001	" angustifolia	narrowleaf skullcap
SCAN2	414 002	" antirrhinoides	
(SCEP)	--- --- (	" <u>epilobiifolia</u>) S. galericulata	
SCGA	414 003	" galericulata (S. willowweed <u>epilobiifolia</u>)	skullcap
SCTU	414 004	" tuberosa	tuberous skullcap
<u>SEDUM</u>	415 000	Sedum spp.	stonecrop
SEDO	415 001	" douglasii	Douglas stonecrop
SELF	415 002	" leibergii	
SESP	415 003	" spathulifolium	spatula-leaf stonecrop
SEST	415 004	" stenopetalum	wormleaf stonecrop
SEWA	415 005	" watsoni	Watson stonecrop
<u>SELAG</u>	416 000	Selaginella spp.	stonecrop
SEWA2	416 001	" wallacei	Wallace stonecrop
<u>SENEC</u>	417 000	Senecio spp.	groundsel
SEAU	417 001	" aureus	golden groundsel
SEBO	417 002	" bolanderi	
SECA	417 003	" canus	woolly groundsel
(SECO)	--- --- (	" <u>columbianus</u>) S. in- tegerrimus exaltatus	Columbia groundsel

FORBS

(SECO2)	---	---	(<u>Senecio</u> <u>condensatus</u>) S. inte-	
			gerrimus exaltatus	
SECY	417	004	" cymbalarioides	cleftleaf groundsel
(SEFL)	---	---	(" <u>flavulus</u>) S. pseu-	
			daureus	
(SEHO)	---	---	(" <u>howellii</u>) S. canus	
SEHY2	417	005	" hydrophiloides	
SEHY	417	006	" hydrophilus	water groundsel
SEIN	417	007	" integerrimus*	lambstongue groundsel/CS
SEINE	417	008	" " exaltatus	
SEIN2	417	009	" integrifolius	
SEJA	417	010	" jacobaea*	ragwort groundsel/CS
(SELA)	---	---	(" <u>laetiflorus</u>) S. cym-	
			balarioides	
SEPS	417	011	" pseudodaureus	
(SEPU)	---	---	(" <u>purshianus</u>) S. canus	
SEPA	417	012	" pauperculus	balsam groundsel
SESE	417	013	" serra	butterweed groundsel
SESO	417	014	" sonnei	
SESU	417	015	" subnudus	
SESY	417	016	" sylvaticus	woodland groundsel
SETR	417	017	" triangularis	arrowleaf groundsel
(SETW)	---	---	(" <u>tweedyi</u>) S. pauperculus	
SEVU	417	018	" vulgaris	common groundsel

FORBS

<u>SERAP</u>	418 000	Serapias spp.	
SEAU2	418 001	" austinae	
No			
Symbol	--- ---	(<u>Seriocarpus</u> spp.)	aster spp.
	--- ---	(" <u>rigidus</u>)	aster curtus
<u>SIBBA</u>	419 000	Sibbaldia spp.	
SIPR	419 001	" procumbens	creeping sibbaldia
<u>SIDAL</u>	420 000	Sidalcea spp.	checkermallow
SICA	420 001	" campestris	plains checkermallow
SIEX	420 002	" eximia	
SIGL	420 003	" glaucescens	bird checkermallow
SIOR	420 004	" oregana	Oregon checkermallow
SISP	420 005	" spicata	spike checkermallow
SIVI	420 006	" virgata	
No			
Symbol	--- ---	(<u>Sieversia</u> spp.) Geum spp.	
<u>SILEN</u>	421 000	Silene spp.	silene
SIAC	421 001	" acaulis	moss silene
SICA2	421 002	" campanulata	
SICO	421 003	" columbiana	Columbia silene
SIDO2	421 004	" douglasii	Douglas silene
SIGA	421 005	" gallica	French silene
SIHO	421 006	" hookeri	Hooker silene
SIIN	421 007	" ingrami	Ingram silene
SILY	421 008	" lyallii	Lyall silene

FORBS

SIMA	421 009	Silene macounii	Macoun silene
SIME	421 010	" menziesii	Menzies silene
SIMO	421 011	" montana	
SIMU	421 012	" multicaulis	bushy silene
SINO	421 013	" noctiflora	nightflowering silene
SIOR2	421 014	" oregana	Oregon silene
SISC	421 015	" scouleri	Scouler silene
<u>SISYM</u>	422 000	Sisymbrium spp.	
SIAL	422 001	" altissimum	tumblemustard
<u>SISYR</u>	423 000	Sisyrinchium spp.	blue-eyedgrass
SIAN	423 001	" angustifolium	common blue-eyedgrass
SIBE	423 002	" bellum	western blue-eyedgrass
SICA3	423 003	" californicum	golden blue-eyedgrass
SIDO	423 004	" douglasii	Douglas blue-eyedgrass
SIID	423 005	" idahoense	Idaho blue-eyedgrass
SISA	423 006	" sarmentosum	
<u>SIUM</u>	424 000	Sium spp.	waterparsnip
SISU	424 001	" suave	hemlock waterparsnip
<u>SMELO</u>	425 000	Smelowskia spp.	smelowskia
SMCA	425 001	" calycina	alpine smelowskia
SMFR	425 002	" fremontii	
SMOV	425 003	" ovalis	

FORBS

<u>SMILA</u>	426 000	Smilacina spp.	solomonplume
SMRA	426 001	" racemosa	feather solomonplume
SMSE	426 002	" sessilifolia	slim solomonplume
SMST	426 003	" stellata	starry solomonplume
<u>SOLAN</u>	427 000	Solanum spp.	nightshade
SODO	427 001	" douglasii	Douglas nightshade
SODU2	427 002	" dulcamara	bitter nightshade
SONI	427 003	" nigrum*	black nightshade/CS
SOSA2	427 004	" sarrachoides	
SOTR	427 005	" triflorum	cutleaf nightshade
(SOUM)	--- --- (	" <u>umbelliferum</u>) S. douglasii	umbelled nightshade
(SOVI)	--- --- (	" <u>villosum</u>) S. sarra- choides	
SOXA	427 006	" xantii	purple nightshade
<u>SOLID</u>	428 000	Solidago spp.	goldenrod
SOCA	428 001	" canadensis	Canada goldenrod
(SOCI)	--- --- (	" <u>ciliosa</u>) S. multi- radiata	
(SOGL)	--- --- (	" <u>glutinosa</u>) S. spathulata	
SOMI	428 002	" missouriensis	Missouri goldenrod
SOMU	428 003	" multiradiata	low goldenrod
(SOSC)	--- --- (	" <u>scopulorum</u>) S. mul- tiradiata	
SOSP2	428 004	" spathulata	coast goldenrod
SOSP	428 005	" spectabilis	Nevada goldenrod

FORBS

<u>SONCH</u>	429 000	Sonchus spp.	sowthistle
SOAS	429 001	" asper	prickly sowthistle
No Symbol	--- ---	(<u>Sophia</u> spp.)	
(SOPA)	--- ---	(" <u>parviflora</u>) Descurainia sophia	
<u>SOPHO</u>	430 000	Sophora spp.	sophora
SOLE	430 001	" leachiana	
<u>SPARG</u>	431 000	Sparganium spp.	burreed
SPAN	431 001	" angustifolium	narrowleaf burreed
SPSI	431 002	" simplex	simplestem burreed
<u>SPERG</u>	432 000	Spergularia spp.	sandspurry
SPRU	432 001	" rubra	red sandspurry
<u>SPHAE</u>	433 000	Sphaeralcea spp.	globemallow
SPLO	433 001	" longisepala	
SPMU	433 002	" munroana	Munro globemallow
SPRI	433 003	" rivularis	stream globemallow
<u>SPHAO</u>	434 000	Sphaerophorus spp.	
SPGL	434 001	" globosus	
<u>SPHEN</u>	435 000	Sphenosciadium spp.	woollyheadparsnip
SPCA	435 001	" capitellatum	range woollyheadparsnip
<u>SPIRN</u>	436 000	Spiranthes spp.	ladiestresses
SPRO	436 001	" romanzoffiana	continental ladiestresses

FORBS

<u>SPRAG</u>	437 000	Spraguea spp.	pussypaws
SPNU	437 001	" nuda	
SPUM	437 002	" umbellata	umbellate pussypaws
SPUMC	437 003	" " candi- cifera	Mt. Hood pussypaws
<u>STACH</u>	438 000	Stachys spp.	betony
(STBU)	--- ---	(" <u>bullata</u>) S. rigida	puffnettle betony
(STCL)	--- ---	(" <u>ciliata</u>) S. mexicana	
STME2	438 001	" mexicana	
STPA2	438 002	" palustris	marsh betony
STRI	438 003	" rigida	
(STSC)	--- ---	(" <u>scopulorum</u>) S. palus- tris	
(STARC)	--- ---	(<u>Statice arctica californica</u>) <u>Armeria maritima californica</u>	
<u>STELL</u>	439 000	Stellaria spp.	starwort
STAL	439 001	" alpestris	
STBO	439 002	" borealis	northern starwort
STCR	439 003	" crispa	
STHU	439 004	" humifusa	low starwort
STJA	439 005	" jamesiana	tuber starwort
STLA	439 006	" laeta	
STLO	439 007	" longipes	longstalk starwort
STME	439 008	" media	chickweed
STNI	439 009	" nitens	

FORBS

<u>STENA</u>	440 000	Stenanthium spp.	Stenanthium
STOC2	440 001	" occidentale	western stenanthium
<u>STEPH</u>	441 000	Stephanomeria spp.	wirelettuce
STEX	441 001	" exigua	
STLA2	441 002	" lactucina	
STPA	441 003	" paniculata	
STTE	441 004	" tenuifolia	
<u>STREP</u>	442 000	Streptopus spp.	twistedstalk
STAM	442 001	" amplexifolius	claspleaf twistedstalk
STCU	442 002	" curvipes	
STRO	442 003	" roseus	rosy twistedstalk
STST	442 004	" streptopoides	
<u>SUKSD</u>	443 000	Suksdorfia spp.	suksdorfia
SUVI	443 001	" violacea	violet suksdorfia
<u>SYNTH</u>	444 000	Synthyris spp.	kittentails
SYMI	444 001	" missurica	
SYRE	444 002	" reniformis	
(SYRU)	--- --- (	" <u>rubra</u>) Besseya rubra	
<u>SWERT</u>	445 000	Swertia spp.	swertia
SWPE	445 001	" perennis	alpinebog swertia

FORBS

- T -

<u>TANAC</u>	446 000	Tanacetum spp.	tansy
TACA	446 001	" camphoratum	dune tansy
TAVU2	446 002	" vulgare	common tansy
<u>TARAX</u>	447 000	Taraxacum spp.	dandelion
TAOF	447 001	" officinale	common dandelion
<u>TELLI</u>	448 000	Tellima spp.	fringecup
TEGR	448 001	" grandiflora	Alaska fringecup
No			
Symbol	--- ---	(<u>Thalesia</u> spp.)	
(THFA)	--- ---	(" <u>fasciculata</u>) Orobanche fasciculata	
(THUN)	--- ---	(" <u>uniflora</u>) Orobanche uniflora	
<u>THALI</u>	449 000	Thalictrum spp.	meadowrue
THFB2	449 001	" fendleri	Fendler meadowrue
THOC	449 002	" occidentale	western meadowrue
THVE	449 003	" venulosum	veiny meadowrue
<u>THELY</u>	450 000	Thelypodium spp.	thelypody
THBR	450 001	" brachycarpum	
THEU	450 002	" eucosmum	

FORBS

THIN	450 003	Thelypodium integrifolium	
THLA	450 004	" laciniatum	
<u>THERM</u>	451 000	Thermopsis spp.	thermopsis
THGR	451 001	" gracilis	
THMO	451 002	" montana	mountain thermopsis
THOV	451 003	" ovata	
<u>THLAS</u>	452 000	Thlaspi spp.	pennycress
THAL	452 001	" alpestre	
THAR	452 002	" arvense	field pennycress
THGL	452 003	" glaucum	blue pennycress
<u>THYSA</u>	453 000	Thysanocarpus spp.	
THEL	453 001	" elegans	
<u>TIARE</u>	454 000	Tiarella spp.	foamflower
TITR	454 001	" trifoliata	trefoil foamflower
TIUN	454 002	" unifoliata	coolwart foamflower
(TICR)	--- ---	(<u>Tithymalus crenulatus</u>)	Euphorbia crenulata
<u>TOFIE</u>	455 000	Tofieldia spp.	tofieldia
TOOC	455 001	" occidentalis	tall tofieldia
(TOME)	----	(<u>Tolmiea menziesii</u>)	Menzies tolmiea menziesii

FORBS

<u>TONEL</u>	456 000	Tonella spp.	
TOFL2	456 001	" floribunda (<u>Collinsia floribunda</u>)	
TOTE	456 002	" tenella	
<u>TOWNS</u>	457 000	Townsendia spp.	townsendia
TOFL	457 001	" florifer	showy townsendia
<u>TRAGO</u>	458 000	Tragopogon spp.	salsify
TRDU	458 001	" dubius	
TRPO	458 002	" porrifolius	vegetable-oyster salsify
<u>TRAUT</u>	459 000	Trautvetteria spp.	falsebugbane
TRGR	459 001	" grandis	Oregon falsebugbane
<u>TRICH</u>	460 000	Trichostema spp.	bluecurls
TRLA3	460 001	" lanceolatum	vinegar bluecurls
<u>TRIEN</u>	461 000	Trientalis spp.	starflower
TRLA2	461 001	" latifolia	western starflower
<u>TRIFO</u>	462 000	Trifolium spp.	clover
TRAL	462 001	" albopurpureum	Rancheria clover
TRAM	462 002	" amplexens	bladder clover
TRAR	462 003	" arcuatum	spindleroot clover
TRBE	462 004	" beckwithii	Beckwith clover
TRBR	462 005	" breweri	Brewer clover
TRCA2	462 006	" campestre	low hop clover

FORBS

TRCI	462 007	Trifolium ciliolatum	foothill clover
TRCY	462 008	" cyathiferum	cup clover
TRDI	462 009	" dilatatum	
TRDU2	462 010	" dubium	suckling clover
TRER	462 011	" eriocephalum	woollyhead clover
TRFI	462 012	" fimbriatum	Columbia clover
TRFR	462 013	" fragiferum	strawberry clover
TRFU	462 014	" fucatum	puff clover
TRGY	462 015	" gymnocarpon	hollyleaf clover
TRHA	462 016	" hallii	Halls clover
TRHA2	462 017	" hanseni	Hansen clover
TRHA3	462 018	" harneyense	
TRHA4	462 019	" haydeni	Hayden clover
TRHO	462 020	" howellii	bigleaf clover
TRHY	462 021	" hybridum	Alsike clover
TRIN	462 022	" incarnatum	crimson clover
TRKI	462 023	" kingii	Kings clover
TRLA	462 024	" latifolium	twin clover
TRLO	462 025	" longipes	longstalk clover
TRLOE	462 026	" " elmeri	ElmerDrew clover
TRMA	462 027	" macrocephalum	bighead clover
TRMI	462 028	" microcephalum	littlehead clover
TRMI2	462 029	" microdon	
TRPL	462 030	" plumosum	pussy clover
TRPR	462 031	" pratense	red clover

FORBS

(TRPR2)	---	---	(<u>Trifolium</u> <u>procumbens</u>) T. campestre	low hop clover
TRRE	462	032	" repens	white clover
TRREL	462	033	" " latum	
TRSU	462	034	" subterraneum	subterranean clover
TRTR	462	035	" tridentatum	tomcat clover
TRVA	462	036	" variegatum	whitetip clover
TRWO2	462	037	" wormskjoldi	Sierra clover
<u>TRILL</u>	463	000	Trillium spp.	trillium
TROV	463	001	" ovatum	Pacific trillium
TRPE	463	002	" petiolatum	Idaho trillium
TRRI	463	003	" rivale	Oregon trillium
<u>TROLL</u>	464	000	Trollius spp.	globeflower
TRAL2	464	001	" albiflorus	white globeflower
<u>TYPHA</u>	465	000	Typha spp.	cattail
TYLA	465	001	" latifolia	common cattail

- U -

<u>URTIC</u>	466	000	Urtica spp.	nettle
URBR	466	001	" breweri	
URLY	466	002	" lyallii	Lyall nettle

FORBS

<u>UTRIC</u>	467 000	Utricularia spp.	bladderwort
UTVU	467 001	" vulgaris	common bladderwort

- V -

<u>VALER</u>	468 000	Valeriana spp.	valerian
VACO	468 001	" columbiana	Columbia valerian
VAED	468 002	" edulis	edible valerian
<u>VAOC</u>	468 003	" occidentalis	western valerian
VASC2	468 004	" scouleri	Scouler valerian
(VASIS)	--- --- (	" <u>sitchensis scouleri</u> V. scouleri	

No

Symbol	---	---	(<u>Valerianella</u> spp.)
(VAAP)	---	---	(" <u>aphanoptera</u>) Plec- tritis congesta
(VACO2)	---	---	(" <u>congesta</u>) Plectri- tis congesta

<u>VANCO</u>	469 000	Vancouveria spp.	vancouveria ("inside-out- flower")
VACH	469 001	" chrysantha	yellow vancouveria
VAHE	469 002	" hexandra	white vancouveria
VAPL	469 003	" planipetala	

FORBS

<u>VERAT</u>	470 000	Veratrum spp.	falsehellebore
VECA	470 001	" californicum*	California falsehellebore/SC
VEES	470 002	" eschscholtzii	Eschscholtz falsehellebore
<u>VERBA</u>	471 000	Verbascum spp.	mullein
VEBL	471 001	" blattaria	moth mullein
VEIH	471 002	" thapsus	flannel mullein
<u>VERBE</u>	472 000	Verbena spp.	verbena
VELA	472 001	" lasiostachys	
(VEPR)	--- ---	(" <u>prostrata</u>) V. lasio- stachys	
<u>VERON</u>	473 000	Veronica spp.	Speedwell
VEAM	473 001	" americana	American speedwell
VEAN	473 002	" anagallis-aquatica	water speedwell
VEAR	473 003	" arvensis	common speedwell
VECU	473 004	" cusickii	Cusick speedwell
VESE	473 005	" scutellata	marsh speedwell
VESE	473 006	" serpyllifolia	thymeleaf speedwell
VEWO	473 007	" wormskjoldii	Wormskjold speedwell
<u>VICIA</u>	474 000	Vicia spp.	vetch
VIAM	474 001	" americana	American vetch
(VIAMO)	--- ---	(" " <u>oregana</u>) V. oregana	Oregon American vetch
(VIAMT)	--- ---	(" " <u>truncata</u>) V. truncata	bitleaf American vetch

FORBS

VICA2	474 002	<i>Vicia californica</i>	California vetch
VIGI	474 003	" <i>gigantea</i>	giant vetch
VIHI	474 004	" <i>hirsuta</i>	tiny vetch
VIOR	474 005	" <i>oregana</i>	
VISA	474 006	" <i>sativa</i>	common vetch
VISP	474 007	" <i>sparsifolia</i>	stiffleaf vetch
VITE	474 008	" <i>tenuifolia</i>	bramble vetch
VITR	474 009	" <i>trifida</i>	clubleaf vetch
VITR3	474 010	" <i>truncata</i>	
VIVI	474 011	" <i>villosa</i>	hairy vetch
<u>VIOLA</u>	475 000	<i>Viola</i> spp.	violet
VIAD	475 001	" <i>adunca</i>	hook violet
VIBE	475 002	" <i>beckwithii</i>	Beckwith violet
VICA	475 003	" <i>canadensis</i>	Canada violet
VICU	475 004	" <i>cuneata</i>	wedgeleaf violet
VIFL	475 005	" <i>flavovirens</i>	yellowgreen violet
VIGL	475 006	" <i>glabella</i>	pioneer violet
VIHO	475 007	" <i>howellii</i>	Howell violet
VILA	475 008	" <i>langsдорffii</i>	Aleutian violet
VILO	475 009	" <i>lobata</i>	moosehorn violet
VIMA	475 010	" <i>macloskeyi</i>	Macloskey violet
VIMO	475 011	" <i>montanensis</i>	Montana violet
VINU	475 012	" <i>nuttallii</i>	Nuttall violet
VIOC	475 013	" <i>occidentalis</i>	Siskiyou violet
VIOC2	475 014	" <i>ocellata</i>	pinto violet

FORBS

VIPA2	475 015	Viola palustris	marsh violet
VIPR	475 016	" praemorsa	canary violet
VIPU	475 017	" purpurea	goosefoot violet
VIRA	475 018	" rafinesquii	Rafinesque violet
VIRE	475 019	" retroscabra	Cimarron violet
WISE	475 020	" sempervirens	redwoods violet
VISH	475 021	" sheltonii	Shelton violet
VITR2	475 022	" trinervata	Rainier violet

- W -

<u>WOODS</u>	476 000	Woodsia spp.	woodsia
WOOR	476 001	" oregana	Oregon woodsia
<u>WOODW</u>	477 000	Woodwardia spp.	chainfern
WOFI	477 001	" fimbriata	giant chainfern
<u>WYETH</u>	478 000	Wyethia spp.	wyethia
WYAM	478 001	" amplexicaulis	mulesears wyethia
WYAN	478 002	" angustifolia	narrowleaf wyethia
WYHE	478 003	" helianthoides	whitehead wyethia
WYMO	478 004	" mollis	woolly wyethia

FORBS

- X -

<u>XANTH</u>	479 000	Xanthium spp.	cocklebur
(XAAF)	--- --- (	" <u>affine</u>) X. saccharatum	
XASA	479 001	" saccharatum	
XASP	479 002	" spinosum*	spiny cocklebur/SC
<u>XEROP</u>	480 000	Xerophyllum spp.	beargrass
XETE	480 001	" tenax	common beargrass

- Z -

<u>ZAUSC</u>	481 000	Zauschneria spp.	firechalice
ZACA	481 001	" californica	California firechalice
<u>ZIGAD</u>	482 000	Zigadenus spp.	deathcamas
ZIEL	482 001	" elegans*	mountain deathcamas/SC
ZIFR	482 002	" fremonti	Fremont deathcamas
ZIGR	482 003	" gramineus*	grassy deathcamas/SC
ZIPA	482 004	" paniculatus*	foothill deathcamas/SC
ZIVE	482 005	" venenosus*	meadow deathcamas/SC

TREES AND SHRUBS

- A -

<u>ABIES</u>	700 000	Abies spp.	fir
ABAM	700 001	" amabilis	Pacific silver fir
ABCO	700 002	" concolor	white fir
ABGR	700 003	" grandis	grand fir
ABLA2	700 004	" lasiocarpa	subalpine fir
<u>ACER</u>	701 000	Acer spp.	maple
ACCI	701 001	" circinatum	vine maple
ACGL	701 002	" glabrum	RockyMountain maple
ACGLD	701 003	" " douglasii	Douglas maple
ACMA	701 004	" macrophyllum	bigleaf maple
<u>AESCU</u>	702 000	Aesculus spp.	buckeye; horsechestnut
AEHI	702 001	" hippocastanum	horsechestnut
<u>ALNUS</u>	703 000	Alnus spp.	alder
ALRH	703 001	" rhombifolia	white alder
ALRU	703 002	" rubra	red alder
ALSI	703 003	" sinuata	Sitka alder
ALTE	703 004	" tenuifolia	thinleaf alder

TREES AND SHRUBS

<u>AMELA</u>	704 000	Amelanchier spp.	serviceberry
AMAL	704 001	" alnifolia	Saskatoon serviceberry
AMCU	704 002	" cusickii	Cusick serviceberry
AMFL	704 003	" florida	Pacific serviceberry
AMUT	704 004	" utahensis	Utah serviceberry
---	---	(<u>Aplopappus</u> spp.) Haplopap- us spp.	goldenweed
<u>ARALI</u>	705 000	Aralia spp.	aralia
ARCA2	705 001	" californica	California aralia
<u>ARBUT</u>	706 000	Arbutus spp.	madrone
ARME	706 001	" menziesii	Pacific madrone
<u>ARCEU</u>	707 000	Arceuthobium spp.	
ARAM2	707 001	" americanum	
<u>ARCTO</u>	708 000	Arctostaphylos spp.	manzanita
ARCI	708 001	" cinerea	Delnorte manzanita
ARCO3	708 002	" columbiana	hairy manzanita
ARMA	708 003	" manzanita	common manzanita
ARNE	708 004	" nevadensis	pinemat manzanita
ARPAP	708 005	" parryana pine- torum	Parry manzanita
ARPA	708 006	" patula	greenleaf manzanita
ARTO	708 007	" tomentosa	woolly manzanita
ARUV	708 008	" uva-ursi	bearberry
ARVI	708 009	" viscida	whiteleaf manzanita

TREES AND SHRUBS

<u>ARTEM</u>	131 000	Artemisia spp. (Also see forbs)	sagebrush
ARAR	131 003	" arbuscula	low sagebrush
ARCA	131 004	" cana	silver sagebrush
ARDO	131 005	" douglasiana	
(ARDR)	--- --- (	" <u>dracunculoides</u>) A. dracunculus	falsetarragon sagebrush
ARDR	131 006	" dracunculus	tarragon
ARFR	131 007	" frigida	fringed sagebrush
ARLU	131 008	" ludoviciana	Louisiana sagebrush
ARMI	131 001	" michauxiana	Michaux sagebrush
ARRI	131 009	" rigida	stiff sagebrush
ARSP	131 010	" spinescens	bud sagebrush
ARTR	131 011	" tridentata	big sagebrush
ARTR2	131 012	" tripartita	threetip sagebrush
<u>ATRIP</u>	140 000	Atriplex spp. (Also see forbs)	saltbush
ATCA	140 003	" canescens	fourwing saltbush
ATCO	140 004	" confertifolia	shadscale saltbush
No Symbol	--- ---	(<u>Berberis</u> spp.) Mahonia spp.	
<u>BETUL</u>	711 000	Betula spp.	birch
(BEFO)	--- --- (	" <u>fontinalis</u>) B. occi- dentalis	water birch
BEGL	711 001	" glandulosa	bog birch
BEHA	711 002	" hallii	Halls birch

TREES AND SHRUBS

BEOC	711 003	Betula occidentalis	water birch
BEOCO	711 004	" occidentalis occiden- talis	water birch
BEPAC	711 005	" papyrifera commutata	western paper birch
BEPAS	711 006	" " subcordata	northwestern paper birch

- C -

<u>CASSI</u>	712 000	Cassiope spp.	cassiope
CAME	712 001	" mertensiana	Mertens cassiope
<u>CASTA</u>	713 000	Castanopsis spp.	chinkapin
CACH	713 001	" chrysophylla	golden chinkapin
CASE	713 002	" sempervirens	Sierra chinkapin
<u>CEANO</u>	714 000	Ceanothus spp.	ceanothus
CECO	714 001	" cordulatus	mountain whitethorn ceanothus
CECU	714 002	" cuneatus	buckbrush ceanothus
CEIN	714 003	" integerrimus	deerbrush ceanothus
CEPR	714 004	" prostratus	squawcarpet ceanothus
CESA	714 005	" sanguineus	redstem ceanothus
CETH	714 006	" thyrsiflorus	blueblossom
CEVE	714 007	" velutinus	snowbrush

TREES AND SHRUBS

<u>CELT</u>	715 000	Celtis spp.	hackberry
(CEDO)	--- ---	(" <u>douglasii</u>)	Douglas hackberry
CERE2	715 001	" reticulata	netleaf hackberry
<u>CERCO</u>	716 000	Cercocarpus spp.	cercocarpus; mountain-mahogany
CEBE2	716 001	" betuloides	birchleaf cercocarpus
CEBEM	716 002	" " macrocrourus	bigleaf cercocarpus
CELE	716 003	" ledifolius	curlleaf cercocarpus
(CEMO)	--- ---	(" <u>montanus</u>) C. betuloides	
<u>CHAMB</u>	717 000	Chamaebatiarila spp.	
CHMI	717 001	" millefolium	tansybush
<u>CHAMC</u>	718 000	Chamaecyparis spp.	white-cedar
CHLA	718 001	" lawsoniana	Port-Orford-cedar
CHNO	718 002	" nootkatensis	Alaska-cedar
<u>CHIMA</u>	719 000	Chimaphila spp.	pipsissewa
CHME	719 001	" menziesii	Menzies pipsissewa
CHUM	719 002	" umbellata	common pipsissewa
CHUMO	719 003	" " occidentalis	western pipsissewa
<u>CHRYT</u>	720 000	Chrysothamnus spp.	rabbitbrush
CHNA	720 001	" nauseosus	rubber rabbitbrush
CHNAA	720 002	" " albi-caulis	

TREES AND SHRUBS

CHNAR	720 003	Chrysothamnus	nauseosus	artus	
CHNAN	720 004	"	"	nanus	
CHVI	720 005	"	viscidiflorus	Douglas rabbitbrush	
CHVIH	720 006	"	" hum- ilis	low rabbitbrush	
CHVIL	720 007	"	" lan- ceolatus	lanceleaf rabbitbrush	
CHVIP	720 008	"	" pub- erulus	downy rabbitbrush	
CHVIU	720 009	"	" pum- ilus	low Douglas rabbitbrush	
CHVIS	720 010	"	" sten- ophyllus	small rabbitbrush	
<u>CLEMA</u>	184 000	Clematis	spp. (Also see forbs)	clematis	
CLLI	184 002	"	ligusticifolia	western virginsbower	
CLVEC	184 003	"	verticillaris col- umbiana	Columbian rock clematis	
<u>CORNU</u>	722 000	Cornus	spp.	dogwood	
COGL	722 001	"	glabrata	brown dogwood	
CONU	722 002	"	nuttalli	Pacific dogwood	
COOC	722 003	"	occidentalis	western dogwood	
COST	722 004	"	stolonifera	red-osier dogwood	
<u>CORYL</u>	723 000	Corylus	spp.	hazel; filbert	
COCOC	723 001	"	cornuta californica	California hazel	

TREES AND SHRUBS

<u>CRATA</u>	724 000	Crataegus spp.	hawthorn
CRCO	724 001	" columbiana	Columbia hawthorn
CRDO	724 002	" douglasii	black hawthorn
CRMO2	724 003	" monogyna	one-seed hawthorn
CRR1	724 004	" rivularis	river hawthorn

<u>CYTIS</u>	725 000	Cytisus spp.	broom
CYSC	725 001	" scoparius	Scotch broom

- E -

<u>EMPET</u>	726 000	Empetrum spp.	crowberry
EMNI	726 001	" nigrum	black crowberry
<u>ERIOD</u>	727 000	Eriodictyon spp.	Yerba Santa
ERCA5	727 001	" californicum	California Yerba Santa

<u>EUROT</u>	728 000	Eurotia spp.	winterfat
EULA	728 001	" lanata	common winterfat

<u>EUONY</u>	729 000	Euonymus spp.	euonymus
EUOC	729 001	" occidentalis	western wahoo

- F -

<u>FORSE</u>	730 000	Forsellesia spp.	greasebush
FOSP	730 001	" spinescens	spiny greasebush
FOST	730 002	" stipulifera	

TREES AND SHRUBS

<u>FRANS</u>	241 000	Franseria spp.	(Also see forbs)	bursage
FRBI	241 002	"	bipinnatifida	
<u>FRAXI</u>	732 000	Fraxinus spp.		ash
FRLA2	732 001	"	latifolia	
(FROR)	---+ ---	("	<u>oregona</u>) F. lati- folia	Oregon ash

- G -

<u>GARRY</u>	733 000	Garrya spp.		silktassel
GAEL	733 001	"	elliptica	wavyleaf silktassel
GAFLB	733 002	"	flavescens buxifolia	boxleaf silktassel
GAFR	733 003	"	fremontii	Fremont silktassel
<u>GAULT</u>	734 000	Gaultheria spp.		wintergreen
GAHU	734 001	"	humifusa	western wintergreen
GAOV	734 002	"	ovatifolia	Oregon wintergreen
GASH	734 003	"	shallon	Salal wintergreen
<u>GRAYI</u>	735 000	Grayia spp.		hopsage
GRSP	735 001	"	spinosa	spiny hopsage

TREES AND SHRUBS

<u>GUTIE</u>	736 000	Gutierrezia spp.	snakeweed
GUSA	736 001	" sarothrae*	broom snakeweed/CS
<u>HAPLO</u>	259 000	Haplopappus spp. (Also see forbs)	goldenweed
HABL	259 006	" bloomeri	rabbitbrush goldenweed
HARA	259 007	" racemosus	
HARE	259 008	" resinosus	
HASU	259 009	" suffruticosus	singlehead goldenweed
<u>HOLOD</u>	737 000	Holodiscus spp.	rockspirea
HODI	737 001	" discolor	creambush rockspirea
HODIG	737 002	" " glabrescens	
HODU	737 003	" dumosus	bush rockspirea
(HOGL)	--- --- (	" <u>glabrescens</u>) H. discolor glabrescens	
HOMIG	737 004	" microphyllus gla- brescens	glandular rockspirea

- J -

<u>JUNIP</u>	738 000	Juniperus spp.	juniper
JUCO4	738 001	" communis	common juniper
JUCOS	738 002	" " saxatilis	mountain common juniper
JUOC	738 003	" occidentalis	western juniper
JUSC	738 004	" scopulorum	Rocky Mountain juniper

TREES AND SHRUBS

- K -

<u>KALMI</u>	739 000	Kalmia spp.	kalmia
KAPO	739 001	" polifolia	bog kalmia
<u>KALMO</u>	740 000	Kalmiopsis spp.	kalmiopsis
KALE	740 001	" leachiana	Oregon kalmiopsis

- L -

<u>LARIX</u>	741 000	Larix spp.	larch
LALY	741 001	" lyalli	subalpine larch
LAOC	741 002	" occidentalis	western larch
<u>LEDUM</u>	742 000	Ledum spp.	ledum
LEGL	742 001	" glandulosum	western ledum
LEGLC	742 002	" " columbianum	Columbia ledum
LEGR	742 003	" groenlandicum	Labrador tea ledum
<u>LEPTD</u>	743 000	Leptodactylon spp.	
LEPU2	743 001	" pungens	granite gilia

TREES AND SHRUBS

<u>LEUCT</u>	744 000	Leucothoe spp.	leucothoe
LEDA	744 001	" davisiae*	blacklaurel leucothoe/SC
<u>LIGUR</u>	745 000	Ligustrum spp.	privet
LIVU	745 001	" vulgare	European privet
<u>LITHC</u>	746 000	Lithocarpus spp.	tanoak
LIDE	746 001	" densiflorus	tanoak
<u>LONIC</u>	747 000	Lonicera spp.	honeysuckle
LOCA2	747 001	" cauriana	Red Mtn.-fly honeysuckle
LOCI	747 002	" ciliosa	western trumpet honeysuckle
LOCA3	747 003	" caerulea	sweetberry honeysuckle
LOCO	747 004	" conjugialis	purpleflower honeysuckle
LOHIV	747 005	" hispidula vacillans	California honeysuckle
LOIN	747 006	" involucrata	bearberry honeysuckle
LOUT2	747 007	" utahensis	Utah honeysuckle
LOVI	747 008	" villosa	
<u>MAHON</u>	748 000	Mahonia spp.	mahonia
MAAQ	748 001	" aquifolium	Oregongrape
MANE	748 002	" nervosa	Cascade mahonia
MAPU	748 003	" pumila	pygmy mahonia
MARE	748 004	" repens	creeping mahonia
<u>MALUS</u>	749 000	Malus spp.	apple; crab apple
MADI3	749 001	" diversifolia	Oregon crab apple
(MAFU)	--- --- (	" <u>fusca</u>) M. diversifolia	

TREES AND SHRUBS

<u>MENZI</u>	750 000	Menziesia spp.	menziesia
MEFE	750 001	" ferruginea	rusty menziesia
<u>MIMUL</u>	330 000	Mimulus spp. (Also see forbs)	monkeyflower
MIAU	330 014	" aurantiacus	bush monkeyflower
<u>MYRIC</u>	752 000	Myrica spp.	bayberry; waxmyrtle
MYCA	752 001	" californica	Pacific bayberry

- 0 -

<u>OPLOP</u>	753 000	Oplopanax spp.	devilsclub
OPHO	753 001	" horridus	American devilsclub
<u>OSMAR</u>	754 000	Osmaronia spp.	
OSCE	754 001	" cerasiformis	osoberry

- P -

<u>PACHI</u>	755 000	Pachistima spp.	pachistima
PAMY	755 001	" myrsinites	Myrtle pachistima

TREES AND SHRUBS

<u>PERAP</u>	756 000	Peraphyllum spp.	
PERA3	756 001	" ramosissimum	squawapple
<u>PEIRO</u>	757 000	Petrophytum spp.	rockmat
PEHE	757 001	" hendersonii	Henderson rockmat
<u>PHILA</u>	758 000	Philadelphus spp.	mockorange
PHGO	758 001	" gordonianus	Gordon mockorange
PHLE2	758 002	" lewisii	Lewis mockorange
<u>PHYLL</u>	759 000	Phyllodoce spp.	mountainheath
PHEM	759 001	" empetriformis	red mountainheath
PHGL	759 002	" glanduliflora	cream mountainheath
<u>PHYSO</u>	760 000	Physocarpus spp.	ninebark
PHCA3	760 001	" capitatus	Pacific ninebark
PHMA	760 002	" malvaceus	mallow ninebark
PHOP	760 003	" opulifolius	common ninebark
<u>PICEA</u>	761 000	Picea spp.	spruce
PIBR	761 001	" breweriana	Brewer spruce
PIEN	761 002	" engelmanni	Engelmann spruce
<u>PINUS</u>	762 000	Pinus spp.	pine
PIAL	762 001	" albicaulis	whitebark pine
PICO	762 002	" contorta	lodgepole pine
PIMO	762 003	" monticola	western white
PIPO	762 004	" ponderosa	ponderosa pine

TREES AND SHRUBS

<u>POPUL</u>	763 000	Populus spp.	cottonwood; poplar
PODE	763 001	" deltoides	eastern cottonwood
POTR	763 002	" tremuloides	quaking aspen
POTR2	763 003	" trichocarpa	black cottonwood
<u>POTEN</u>	383 000	Potentilla spp. (Also see forbs)	cinquefoil
POFR	383 026	" fruticosa	bush cinquefoil
<u>PRUNU</u>	765 000	Prunus spp.	apricot; cherry; chokecherry; laurelcherry; peach; plum
PREM	765 001	" emarginata	bitter cherry
PRPR	765 002	" prunifolia	plumleaf cherry
PRSU	765 003	" subcordata	Klamath plum
PRVI	765 004	" virginiana*	common chokecherry/SC
(PRVID)	--- ---	(" " <u>demissa</u>) P. virginiana	
(PRVIM)	--- ---	(" " <u>melanocarpa</u>) P. virginiana	
<u>PSEUD</u>	766 000	Pseudotsuga spp.	
(PSTA)	--- ---	(" <u>taxifolia</u>) P. menziesii glauca	Douglas-fir (Interior)
PSMEG	766 001	" menziesii glauca	Douglas-fir (Interior)
PSMEM	766 002	" " men- ziesii	Douglas-fir (Coastal)
<u>PURSH</u>	767 000	Purshia spp.	bitterbrush
PUTR	767 001	" tridentata	antelope bitterbrush

TREES AND SHRUBS

- Q -

<u>QUERC</u>	768 000	Quercus spp.	oak
QUCH	768 001	" chrysolepis	canyon live oak
UGA	768 002	" garryana	Oregon white oak
QUKE	768 003	" kelloggii	California black oak
QUSA	768 004	" sadleriana	Sadler oak
QUVA	768 005	" vaccinifolia	huckleberry oak

- R -

No symbol --- --- (Razoumofskya spp.) Arceuthobium spp.

<u>RHAMN</u>	769 000	Rhamnus spp.	buckthorn
RHAL2	769 001	" alnifolia	alder buckthorn
RHCA	769 002	" californica	California buckthorn
RHPU	769 003	" purshiana	cascara buckthorn
<u>RHODO</u>	770 000	Rhododendron spp.	rhododendron; azalea
RHAL	770 001	" albiflorum	Cascades azalea
RHMA	770 002	" macrophyllum	Pacific rhododendron
RHOC	770 003	" occidentale*	western azalea/S

TREES AND SHRUBS

<u>RHUS</u>	771 000	Rhus spp.	sumac
RHGL	771 001	" glabra	smooth sumac
RHTR	771 002	" trilobata	skunkbrush sumac
<u>RIBES</u>	772 000	Ribes spp.	currant; gooseberry
RIAC	772 001	" acerifolium	mapleleaf currant
RIAU	772 002	" aureum	golden currant
RIBR	772 003	" bracteosum	stink currant
RICE	772 004	" cereum	wax currant
RICO	772 005	" cognatum	Umatilla gooseberry
RIDI	772 006	" divaricatum	straggly gooseberry
RIGO	772 007	" gooddingii	Goodding gooseberry
RIHU	772 008	" hudsonianum	HudsonBay currant
RIIN	772 009	" inerme	whitestem gooseberry
RIIR	772 010	" irriguum	Idaho gooseberry
RIKL	772 011	" klamathense	Klamath gooseberry
RILA	772 012	" lacustre	prickly currant
RILA2	772 013	" laxiflorum	trailing black currant
RILO	772 014	" lobbii	Lobbs gooseberry
RIMA	772 015	" marshallii	Hupa gooseberry
RIME	772 016	" menziesii	Menzies gooseberry
RIMO	772 017	" montigenum	gooseberry currant
RINI	772 018	" niveum	snow gooseberry
RIPE	772 019	" petiolare	western black currant
RIRE	772 020	" reniforme	

TREES AND SHRUBS

RIROC	772 021	Ribes roezlii cruentum	blood Sierra gooseberry
RISA	772 022	" sanguineum	winter currant
RIVE	772 023	" velutinum	desert gooseberry
RIVI	772 024	" viscosissimum	sticky currant
RIWA	772 025	" watsonianum	Watson gooseberry
<u>ROSA</u>	773 000	Rosa spp.	rose
ROGY	773 001	" gymnocarpa	baldhip rose
RONU	773 002	" nutkana	Nootka rose
ROPI	773 003	" pisocarpa	peafruit rose
ROPY	773 004	" pyrifera	pearhip rose
ROSP	773 005	" spaldingii	Spalding rose
ROUL	773 006	" ultramontana	
<u>RUBUS</u>	774 000	Rubus spp.	blackberry; dewberry; raspberry
(RUHE)	--- --- (	" <u>hesperius</u>) R. nigerrimus	
(RUIDA)	--- --- (	" <u>idaeus aculeatissimus</u>) R. strigosus	
RULA2	774 001	" laciniatus	cutleaf blackberry
RULA	774 002	" lasiococcus	
RULE	774 003	" leucodermis	whitebark raspberry
RUMA	774 004	" macropetalus	trailing blackberry
RUNI2	774 005	" nigerrimus	dark raspberry
RUNI	774 006	" nivalis	snow dewberry
RUPA	774 007	" parviflorus	western thimbleberry
RUPE	774 008	" pedatus	

TREES AND SHRUBS

<u>SARCO</u>	778 000	Sarcobatus spp.	greasewood
SAVE2	778 001	" vermiculatus*	black greasewood/SC
<u>SHEPH</u>	779 000	Shepherdia spp.	buffaloberry
SHCA	779 001	" canadensis	russet buffaloberry
<u>SORBU</u>	780 000	Sorbus spp.	mountain-ash
SOCA2	780 001	" cascadiensis	Cascades mountain-ash
SODU	780 002	" dumosa	Arizona mountain-ash
SOHY	780 003	" hybrida	oakleaf mountain-ash
SOOC	780 004	" occidentalis	western mountain-ash
SOSA	780 005	" sambucifolia	Siberian mountain-ash
SOSC	780 006	" scopulina	Greenes mountain-ash
SOSI	780 007	" sitchensis	Sitka mountain-ash
<u>SPIRA</u>	781 000	Spiraea spp.	spirea
SPAR	781 001	" arbuscula	
SPDE	781 002	" densiflora	subalpine spirea
SPDO	781 003	" douglasii	Douglas spirea
SPLU	781 004	" lucida	shinyleaf spirea
SPME	781 005	" menziesii	Menzies spirea
SPMEP	781 006	" " pyramidata	
SPPI	781 007	" pikowensis	Pikow spirea
<u>SYMPH</u>	782 000	Symphoricarpos spp.	snowberry
SYAL	782 001	" albus	common snowberry
SYOC	782 002	" occidentalis	western snowberry

TREES AND SHRUBS

SYOR	782 003	Symphoricarpos oreophilus	mountain snowberry
(SYRO)	--- --- (	" <u>rotundifo-</u> <u>lius</u>) S. oreophilus	roundleaf snowberry
(SYVA)	--- --- (	" <u>vaccinioides</u>) S. oreophilus	whortleleaf snowberry

- T -

<u>TAXUS</u>	783 000	Taxus spp.	yew
TABR	783 001	" brevifolia	Pacific yew
<u>TETRA</u>	784 000	Tetradymia spp.	horsebrush
TECA	784 001	" canescens*	gray horsebrush/S
TEGL	784 002	" glabrata	little-leaf horsebrush
TESP	784 003	" spinosa	cottonthorn horsebrush
TECAI	784 004	" " inermis	spineless gray horsebrush
<u>THUJA</u>	785 000	Thuja spp.	thuja; arborvitae
THPL	785 001	" plicata	western redcedar
<u>TOXIC</u>	786 000	Toxicodendron spp.	poison-ivy; poison-oak; poison-sumac
TODI	786 001	" diversilobum	Pacific poison-oak
TOQU	786 002	" quercifolium	poison-oak
TORAR	786 003	" radicans ryd- bergii	western poison-ivy

TREES AND SHRUBS

<u>TSUGA</u>	787 000	Tsuga spp.	hemlock
TSHE	787 001	" heterophylla	western hemlock
TSME	787 002	" mertensiana	mountain hemlock

- U -

<u>ULEX</u>	788 000	Ulex spp.	gorse
ULEU	788 001	" europaeus	common gorse
<u>UMBEL</u>	789 000	Umbellularia spp.	California-laurel
UMCA	789 001	" californica	California-laurel

- V -

<u>VACCI</u>	790 000	Vaccinium spp.	blueberry
VACA	790 001	" cespitosum	dwarf blueberry
VADE	790 002	" deliciosum	delicious blueberry
VAGL	790 003	" globulare	
VAME	790 004	" membranaceum	big whortleberry
VAOC2	790 005	" occidentale	westernbog blueberry
VAOV	790 006	" ovalifolium	ovalleaf whortleberry
VAOV2	790 007	" ovatum	box blueberry

TREES AND SHRUBS

VAPA	790 008	Vaccinium parvifolium	red whortleberry
VASC	790 009	" scoparium	grouse whortleberry
<u>VIBUR</u>	791 000	Viburnum spp.	viburnum
VIED	791 001	" edule	moosewood viburnum
VIEL	791 002	" ellipticum	Oregon viburnum
(VIPA)	--- --- (	" <u>pauciflorum</u>) V. edule	
<u>VITIS</u>	792 000	Vitis spp.	grape
VICA3	792 001	" californica	California grape

- W -

<u>WHIPP</u>	793 000	Whipplea spp.	whipplea
WHMO	793 001	" modesta	modest whipplea