

NRV_PV_COVER_TYPES

This table stores codes for locally derived potential natural vegetation classifications. This table comes with codes as of the release date of the current version of the database. Any addition modifications can be done locally.

Name	Type	Description
COMMON_NAME <i>Required</i>	VC(240)	Potential vegetation common name.
CREATED_BY <i>Required</i>	VC(30)	The name of the person who created the record.
CREATED_DATE <i>Required</i>	DATE	The date the record was created.
CREATED_IN_INSTANCE <i>Required</i>	N(6)	The database ID where the record was created.
ON_OFF <i>Required</i>	VC(3)	Flag to display (ON) or hide (OFF) individual potential vegetation cover codes in the Interface pull-down lists.
PV_CODE <i>Required</i>	VC(10)	Potential vegetation codes, unique within a reference code.
REF_CODE <i>Required</i>	VC(10)	Potential vegetation reference code. This column is constrained by Nrv_cover_references.
LEVEL_OF_APPROVAL	VC(30)	The entity that approved these codes.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	VC(6)	The database ID where the record was modified.
SCIENTIFIC_NAME	VC(244)	Potential vegetation scientific name.

Reference Code 101

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
000	limber pine series	PIFL2
010	scree	scree
040	limber pine/bluebunch wheatgrass	PIFL2/PSSPS
050	limber pine/Idaho fescue	PIFL2/FEID
051	limber pine/Idaho fescue-Idaho fescue	PIFL2/FEID-FEID
052	limber pine/Idaho fescue-Altai fescue	PIFL2/FEID-FEAL
070	limber pine/common juniper	PIFL2/JUC06
100	ponderosa pine series	PIPO
110	ponderosa pine/bluestem	PIPO/ANDRO2
130	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
140	ponderosa pine/Idaho fescue	PIPO/FEID
141	ponderosa pine/Idaho fescue-Idaho fescue	PIPO/FEID-FEID
142	ponderosa pine/Idaho fescue-Altai fescue	PIPO/FEID-FEAL
160	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
161	ponderosa pine/antelope bitterbrush-bluebunch wheatgrass	PIPO/PUTR2-PSSPS
162	ponderosa pine/antelope bitterbrush-Idaho fescue	PIPO/PUTR2-FEID
170	ponderosa pine/common snowberry	PIPO/SYAL

NRV_PV_COVER_TYPES (CONT.)**Reference Code 101 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
171	ponderosa pine/common snowberry-common snowberry	PIPO/SYAL-SYAL
172	ponderosa pine/common snowberry-creeping barberry	PIPO/SYAL-MARE11
180	ponderosa pine/chokecherry	PIPO/PRVI
181	ponderosa pine/chokecherry-chokecherry	PIPO/PRVI-PRVI
182	ponderosa pine/chokecherry-russet buffaloberry	PIPO/PRVI-SHCA
200	Douglas-fir series	PSME
210	Douglas-fir/bluebunch wheatgrass	PSME/PSSPS
220	Douglas-fir/Idahoe fescue	PSME/FEID
230	Douglas-fir/Altai fescue	PSME/FEAL
250	Douglas-fir/dwarf bilberry	PSME/VACA13
260	Douglas-fir/mallow ninebark	PSME/PHMA5
261	Douglas-fir/mallow ninebark-mallow ninebark	PSME/PHMA5-PHMA5
262	Douglas-fir/mallow ninebark-pinegrass	PSME/PHMA5-CARU
280	Douglas-fir/thinleaf huckleberry	PSME/VAME
281	Douglas-fir/thinleaf huckleberry-thinleaf huckleberry	PSME/VAME-VAME
282	Douglas-fir/thinleaf huckleberry-kinnikinnick	PSME/VAME-ARUV
283	Douglas-fir/thinleaf huckleberry-common beargrass	PSME/VAME-XETE
290	Douglas-fir/twinflower	PSME/LIBO3
291	Douglas-fir/twinflower-common snowberry	PSME/LIBO3-SYAL
292	Douglas-fir/twinflower-pinegrass	PSME/LIBO3-CARU
293	Douglas-fir/twinflower-thinleaf huckleberry	PSME/LIBO3-VAME
310	Douglas-fir/common snowberry	PSME/SYAL
311	Douglas-fir/common snowberry-bluebunch wheatgrass	PSME/SYAL-PSSPS
312	Douglas-fir/common snowberry-pinegrass	PSME/SYAL-CARU
313	Douglas-fir/common snowberry-common snowberry	PSME/SYAL-SYAL
320	Douglas-fir/pinegrass	PSME/CARU
321	Douglas-fir/pinegrass-bluebunch wheatgrass	PSME/CARU-PSSPS
322	Douglas-fir/pinegrass-kinnikinnick	PSME/CARU-ARUV
323	Douglas-fir/pinegrass-pinegrass	PSME/CARU-CARU
324	Douglas-fir/pinegrass-ponderosa pine	PSME/CARU-PIPO
330	Douglas-fir/Geyer's sedge	PSME/CAGE2
340	Douglas-fir/white spirea	PSME/SPBE2
350	Douglas-fir/kinnikinnick	PSME/ARUV
360	Douglas-fir/common juniper	PSME/JUCO6
365	Douglas-fir/bunchberry dogwood	PSME/COCA13
370	Douglas-fir/heartleaf arnica	PSME/ARCO9
380	Douglas-fir/mountain snowberry	PSME/SYOR2
400	spruce series	PICEA
410	spruce/field horsetail	PICEA/EQAR
420	spruce/bride's bonnet	PICEA/CLUN2
421	spruce/bride's bonnet-dwarf bilberry	PICEA/CLUN2-VACA13
422	spruce/bride's bonnet-bride's bonnet	PICEA/CLUN2-CLUN2
430	spruce/mallow ninebark	PICEA/PHMA5
440	spruce/fragrant bedstraw	PICEA/GATR3
450	spruce/dwarf bilberry	PICEA/VACA13

NRV_PV_COVER_TYPES (CONT.)**Reference Code 101 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
460	spruce/Rocky Mountain groundsel	PICEA/PAST10
461	spruce/Rocky Mountain groundsel-Douglas-fir	PICEA/PAST10-PSME
462	spruce/Rocky Mountain groundsel-spruce	PICEA/PAST10-PICEA
470	spruce/twinflower	PICEA/LIBO3
480	spruce/starry false lily of the valley	PICEA/MAST4
500	grand fir series	ABGR
501	western red cedar series	THPL
502	western hemlock series	TSHE
510	grand fir/common beargrass	ABGR/XETE
520	grand fir/bride's bonnet	ABGR/CLUN2
521	grand fir/bride's bonnet-bride's bonnet	ABGR/CLUN2-CLUN2
522	grand fir/bride's bonnet-wild sarsaparilla	ABGR/CLUN2-ARNU2
523	grand fir/bride's bonnet-common beargrass	ABGR/CLUN2-XETE
530	western red cedar/bride's bonnet	THPL/CLUN2
531	western red cedar/bride's bonnet-bride's bonnet	THPL/CLUN2-CLUN2
532	western red cedar/bride's bonnet-wild sarsaparilla	THPL/CLUN2-ARNU2
533	western red cedar/bride's bonnet-rusty menziesia	THPL/CLUN2-MEFE
550	western red cedar/devilsclub	THPL/OPHO
570	western hemlock/bride's bonnet	TSHE/CLUN2
571	western hemlock/bride's bonnet-bride's bonnet	TSHE/CLUN2-CLUN2
572	western hemlock/bride's bonnet-wild sarsaparilla	TSHE/CLUN2-ARNU2
590	grand fir/twinflower	ABGR/LIBO3
591	grand fir/twinflower-twinflower	ABGR/LIBO3-LIBO3
592	grand fir/twinflower-common beargrass	ABGR/LIBO3-XETE
600	subalpine fir series	ABLA
610	subalpine fir/devilsclub	ABLA/OPHO
620	subalpine fir/bride's bonnet	ABLA/CLUN2
621	subalpine fir/bride's bonnet-bride's bonnet	ABLA/CLUN2-CLUN2
622	subalpine fir/bride's bonnet-wild sarsaparilla	ABLA/CLUN2-ARNU2
623	subalpine fir/bride's bonnet-dwarf bilberry	ABLA/CLUN2-VACA13
624	subalpine fir/bride's bonnet-common beargrass	ABLA/CLUN2-XETE
625	subalpine fir/bride's bonnet-rusty menziesia	ABLA/CLUN2-MEFE
630	subalpine fir/fragrant bedstraw	ABLA/GATR3
640	subalpine fir/dwarf bilberry	ABLA/VACA13
650	subalpine fir/bluejoint	ABLA/CACA4
651	subalpine fir/bluejoint-bluejoint	ABLA/CACA4-CACA4
653	subalpine fir/bluejoint-fragrant bedstraw	ABLA/CACA4-GATR3
654	subalpine fir/bluejoint-dwarf bilberry	ABLA/CACA4-VACA13
660	subalpine fir/twinflower	ABLA/LIBO3
661	subalpine fir/twinflower-twinflower	ABLA/LIBO3-LIBO3
662	subalpine fir/twinflower-common beargrass	ABLA/LIBO3-XETE
663	subalpine fir/twinflower-grouse whortleberry	ABLA/LIBO3-VASC
670	subalpine fir/rusty menziesia	ABLA/MEFE
680	mountain hemlock/rusty menziesia	TSME/MEFE
690	subalpine fir/common beargrass	ABLA/XETE
691	subalpine fir/common beargrass-thinleaf huckleberry	ABLA/XETE-VAME

NRV_PV_COVER_TYPES (CONT.)**Reference Code 101 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
692	subalpine fir/common beargrass-grouse whortleberry	ABLA/XETE-VASC
700	subalpine fir (lower subalpine habitat types)	ABLA
710	mountain hemlock/common beargrass	TSME/XETE
720	subalpine fir/thinleaf huckleberry	ABLA/VAME
730	subalpine fir/grouse whortleberry	ABLA/VASC
731	subalpine fir/grouse whortleberry-pinegrass	ABLA/VASC-CARU
732	subalpine fir/grouse whortleberry-grouse whortleberry	ABLA/VASC-VASC
733	subalpine fir/grouse whortleberry-western meadow-rue	ABLA/VASC-THOC
740	subalpine fir/Sitka alder	ABLA/ALVIS
750	subalpine fir/pinegrass	ABLA/CARU
770	subalpine fir/rock clematis	ABLA/CLCOC2
780	subalpine fir/heartleaf arnica	ABLA/ARCO9
790	subalpine fir/Geyer's sedge	ABLA/CAGE2
791	subalpine fir/Geyer's sedge-Geyer's sedge	ABLA/CAGE2-CAGE2
792	subalpine fir/Geyer's sedge-Douglas-fir	ABLA/CAGE2-PSME
800	subalpine fir (upper subalpine habitat types)	ABLA
810	subalpine fir/gooseberry currant	ABLA/RIMO2
820	subalpine fir-whitebark pine/grouse whortleberry	ABLA-PIAL/VASC
830	subalpine fir/Hitchcock's smooth woodrush	ABLA/LUGLH
831	subalpine fir/Hitchcock's smooth woodrush-grouse whortleberry	ABLA/LUGLH-VASC
832	subalpine fir/Hitchcock's smooth woodrush-rusty menziesia	ABLA/LUGLH-MEFE
840	mountain hemlock/Hitchcock's smooth woodrush	TSME/LUGLH
841	mountain hemlock/Hitchcock's smooth woodrush-grouse whortleberry	TSME/LUGLH-VASC
842	mountain hemlock/Hitchcock's smooth woodrush-rusty menziesia	TSME/LUGLH-MEFE
850	whitebark pine-subalpine fir	PIAL-ABLA
860	subalpine larch-subalpine fir	LALY-ABLA
870	whitebark pine	PIAL
890	subalpine fir (timberline habitat types)	ABLA
900	lodgepole pine series	PICO
910	lodgepole pine/antelope bitterbrush	PICO/PUTR2
920	lodgepole pine/dwarf bilberry	PICO/VACA13
930	lodgepole pine/twinflower	PICO/LIBO3
940	lodgepole pine/grouse whortleberry	PICO/VASC
950	lodgepole pine/pinegrass	PICO/CARU

NRV_PV_COVER_TYPES (CONT.)

Reference Code 102

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
101	ponderosa pine/kinnikinnick	PIPO/ARUV
102	ponderosa pine/Saskatoon serviceberry	PIPO/AMAL2
103	ponderosa pine/sun sedge	PIPO/CAINH2
104	ponderosa pine/common juniper	PIPO/JUC06
105	ponderosa pine/Rocky Mountain juniper	PIPO/JUSC2
106	ponderosa pine/creeping barberry	PIPO/MARE11
107	ponderosa pine/creeping juniper	PIPO/JUH02
108	ponderosa pine/big sagebrush	PIPO/ARTR2
150	ponderosa pine/western snowberry	PIPO/SYOC
151	Rocky Mountain juniper/bluebunch wheatgrass	JUSC2/PSSPS
152	Rocky Mountain juniper/littleseed ricegrass	JUSC2/PIMI7
183	ponderosa pine/chokecherry/Canadian white violet	PIPO/PRVI-VICA4
190	ponderosa pine/mallow ninebark	PIPO/PHMA5
205	Douglas-fir/Saskatoon serviceberry	PSME/AMAL2
235	Douglas-fir/plains muhly	PSME/MUCU3
240	Douglas-fir/creeping barberry	PSME/MARE11
241	Douglas-fir/creeping barberry/kinnikinnick	PSME/MARE11/ARUV
242	Douglas-fir/creeping barberry-creeping barberry	PSME/MARE11-MARE11
270	Douglas-fir/bunchberry dogwood	PSME/COCA13
271	Douglas-fir/bunchberry dogwood/whortleberry	PSME/COCA13-VAMY2
272	Douglas-fir/bunchberry dogwood/twinflower	PSME/COCA13/LIB03
300	Douglas-fir/Canadian white violet	PSME/VICA4
301	green ash/chokecherry	FRPE/PRVI
351	quaking aspen/creeping barberry	POTR5/MARE11
356	quaking aspen/common snowberry	POTR5/SYAL
357	quaking aspen/pinegrass	POTR5/CARU
358	quaking aspen/western sweetroot	POTR5/OSOC
381	Douglas-fir/western snowberry	PSME/SYOC
390	Douglas-fir/Rocky Mountain juniper	PSME/JUSC2
471	spruce/twinflower/common beargrass	PICEA/LIB03/XETE
472	spruce/twinflower-twinflower	PICEA/LIB03-LIB03
475	spruce/common juniper	PICEA/JUC06
607	subalpine fir/common snowberry	ABLA/SYAL
631	subalpine fir/fragrant bedstraw/common snowberry	ABLA/GATR3/SYAL
632	subalpine fir/fragrant bedstraw/grouse whortleberry	ABLA/GATR3/VASC
706	subalpine fir/broadleaf arnica	ABLA/ARLA8
745	subalpine fir/common juniper	ABLA/JUC06
960	lodgepole pine/common juniper	PICO/JUC06

NRV_PV_COVER_TYPES (CONT.)

Reference Code 103

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
46201	antelope bitterbrush/bluebunch wheatgrass	PUTR2/PSSPS
46301	curl-leaf mountain mahogany/bluebunch wheatgrass	CELE3/PSSPS
46600	little sagebrush series	ARAR8
46601	little sagebrush/Idaho fescue	ARAR8/FEID
46602	little sagebrush/bluebunch wheatgrass	ARAR8/PSSPS
46603	little sagebrush/bluebunch wheatgrass-needle and thread	ARAR8/PSSPS-HECOC8
46610	big sagebrush series	ARTR2
46611	big sagebrush/Altai fescue	ARTR2/FEAL
46612	big sagebrush/Idaho fescue	ARTR2/FEID
46613	big sagebrush/Idaho fescue-sticky purple geranium	ARTR2/FEID-GEVI2
46614	big sagebrush/bluebunch wheatgrass	ARTR2/PSSPS
46620	shrubby cinquefoil series	DAFL3
46621	shrubby cinquefoil/Altai fescue	DAFL3/FEAL
46622	shrubby cinquefoil/Altai fescue-timber oatgrass	DAFL3/FEAL-DAIN
46623	shrubby cinquefoil/Idaho fescue	DAFL3/FEID
46630	antelope bitterbrush series	PUTR2
46632	antelope bitterbrush/Idaho fescue	PUTR2/FEID
46633	antelope bitterbrush/Altai fescue	PUTR2/FEAL
46640	skunkbush sumac series	RHTR
46641	skunkbush sumac/Idaho fescue	RHTR/FEID
46642	skunkbush sumac/bluebunch wheatgrass	RHTR/PSSPS
46650	greasewood series	SAVE4
46651	greasewood/basin wildrye	SAVE4/LECI4
46652	greasewood/western wheatgrass	SAVE4/PASM
47003	Idaho fescue-western wheatgrass-streambank wheatgrass	FEID-PASM-ELLAL
47004	Idaho fescue/bearded wheatgrass	FEID/ELCA11
47100	tufted hairgrass series	DECA18
47101	tufted hairgrass/sedge	DECA18/CAREX
47110	Altai fescue series	FEAL
47111	Altai fescue/Idaho fescue	FEAL/FEID
47112	Altai fescue/Idaho fescue-Richardson's needlegrass	FEAL/FEID-ACRI8
47113	Altai fescue/Idaho fescue-sticky purple geranium	FEAL/FEID-GEVI2
47114	Altai fescue/bluebunch wheatgrass	FEAL/PSSPS
47115	Altai fescue/bluebunch wheatgrass-needle and thread	FEAL/PSSPS-HECOC8
47120	Idaho fescue series	FEID
47121	Idaho fescue/Richardson's needlegrass	FEID/ACRI8
47122	Idaho fescue/threadleaf sedge	FEID/CAFI
47123	Idaho fescue/tufted hairgrass	FEID/DECA18
47124	Idaho fescue/bearded wheatgrass-sticky purple geranium	FEID/ELCA11-GEVI2
47125	Idaho fescue/western wheatgrass	FEID/PASM
47126	Idaho fescue/bluebunch wheatgrass	FEID/PSSPS

NRV_PV_COVER_TYPES (CONT.)**Reference Code 103 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
47127	Idaho fescue/bluebunch wheatgrass-western needlegrass	FEID/PSSPS-ACOCO
47130	needle and thread series	HECOC8
47131	needle and thread/blue grama	HECOC8/BOGR2
47132	needle and thread/blue grama-western wheatgrass	HECOC8/BOGR2-PASM
47140	bluebunch wheatgrass series	PSSPS
47141	bluebunch wheatgrass/blue grama	PSSPS/BOGR2
47142	bluebunch wheatgrass/blue grama-dotted blazing star	PSSPS/BOGR2-LIPU
47143	bluebunch wheatgrass/western wheatgrass	PSSPS/PASM
47144	bluebunch wheatgrass/western wheatgrass-green needlegrass	PSSPS/PASM-NAVI4
47145	bluebunch wheatgrass/Sandberg bluegrass	PSSPS/POSE
47146	bluebunch wheatgrass/Sandberg bluegrass-needle and thread	PSSPS/POSE-HECOC8

Reference Code 109

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
100	green ash series	FRPE
110	green ash/chokecherry	FRPE/PRVI
111	green ash/chokecherry-American elm	FRPE/PRVI-ULAM
120	green ash/western snowberry	FRPE/SYOC
130	eastern cottonwood/green ash	PODE3/FRPE
140	eastern cottonwood/Rocky Mountain juniper	PODE3/JUSC2
200	quaking aspen series	POTR5
210	quaking aspen/chokecherry	POTR5/PRVI
220	quaking aspen/paper birch	POTR5/BEPA
230	quaking aspen/bur oak	POTR5/QUMA2
300	bur oak series	QUMA2
310	bur oak/chokecherry	QUMA2/PRVI
320	bur oak/hazelnut	QUMA2/CORYL
400	Rocky Mountain juniper series	JUSC2
410	Rocky Mountain juniper/littleseed ricegrass	JUSC2/PIMI7
500	ponderosa pine series	PIPO
510	ponderosa pine/Rocky Mountain juniper	PIPO/JUSC2
600	limber pine series	PIFL2
610	limber pine/bluebunch wheatgrass	PIFL2/PSSPS
710	paper birch/beaked hazelnut	BEPA/COC06
720	paper birch/western blue virginsbower	BEPA/CLOC2

NRV_PV_COVER_TYPES (CONT.)

Reference Code 110

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
10	scree	scree
100	ponderosa pine series	PIPO
130	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
140	ponderosa pine/idaho fescue	PIPO/FEID
170	ponderosa pine/common snowberry	PIPO/SYAL
190	ponderosa pine/mallow ninebark	PIPO/PHMA5
20	flood plain and riparian communities	flood plain and riparian
200	Douglas-fir series	PSME
210	Douglas-fir/bluebunch wheatgrass	PSME/PSSPS
220	Douglas-fir/Idaho fescue	PSME/FEID
250	Douglas-fir/dwarf bilberry	PSME/VACA13
260	Douglas-fir/mallow ninebark	PSME/PHMA5
261	Douglas-fir/mallow ninebark-mallow ninebark	PSME/PHMA5-PHMA5
263	Douglas-fir/mallow ninebark/starry false lily of the valley	PSME/PHMA5/MAST4
280	Douglas-fir/thinleaf huckleberry	PSME/VAME
30	Sitka alder communities	ALVIS
31	Sitka alder/heartleaf springbeauty	ALVIS/CLC03
310	Douglas-fir/common snowberry	PSME/SYAL
320	Douglas-fir/pinegrass	PSME/CARU
322	Douglas-fir/pinegrass-kinnikinnick	PSME/CARU-ARUV
323	Douglas-fir/pinegrass-pinegrass	PSME/CARU-CARU
330	Douglas-fir/Geyer's sedge	PSME/CAGE2
340	Douglas-fir/white spirea	PSME/SPBE2
500	grand fir series	ABGR
501	western red cedar series	THPL
502	western hemlock series	TSHE
505	grand fir/white spirea	ABGR/SPBE2
506	grand fir/mallow ninebark	ABGR/PHMA5
507	grand fir/mallow ninebark/Idaho goldthread	ABGR/PHMA5/COOC
508	grand fir/mallow ninebark-mallow ninebark	ABGR/PHMA5-PHMA5
510	grand fir/common beargrass	ABGR/XETE
511	grand fir/common beargrass/Idaho goldthread	ABGR/XETE/COOC
512	grand fir/common beargrass-thinleaf huckleberry	ABGR/XETE-VAME
515	grand fir/thinleaf huckleberry	ABGR/VAME
516	grand fir/British Columbia wildginger	ABGR/ASCA2
517	grand fir/British Columbia wildginger-British Columbia wildginger	ABGR/ASCA2-ASCA2
518	grand fir/British Columbia wildginger-rusty menziesia	ABGR/ASCA2-MEFE
519	grand fir/British Columbia wildginger-Pacific yew	ABGR/ASCA2-TABR2
520	grand fir/bride's bonnet	ABGR/CLUN2
521	grand fir/bride's bonnet-bride's bonnet	ABGR/CLUN2-CLUN2
523	grand fir/bride's bonnet-common beargrass	ABGR/CLUN2-XETE
524	grand fir/bride's bonnet-mallow ninebark	ABGR/CLUN2-PHMA5

NRV_PV_COVER_TYPES (CONT.)**Reference Code 110 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
525	grand fir/bride's bonnet-rusty menziesia	ABGR/CLUN2-MEFE
526	grand fir/bride's bonnet-Pacific yew	ABGR/CLUN2-TABR2
529	grand fir/arrowleaf ragwort	ABGR/SETR
530	western red cedar/bride's bonnet	THPL/CLUN2
531	western red cedar/bride's bonnet-bride's bonnet	THPL/CLUN2-CLUN2
533	western red cedar/bride's bonnet-rusty menziesia	THPL/CLUN2-MEFE
534	western red cedar/bride's bonnet-common beargrass	THPL/CLUN2-XETE
535	western red cedar/bride's bonnet-Pacific yew	THPL/CLUN2-TABR2
540	western red cedar/common ladyfern	THPL/ATFI
541	western red cedar/common ladyfern-northern maidenhair	THPL/ATFI-ADPE
542	western red cedar/common ladyfern-common ladyfern	THPL/ATFI-ATFI
545	western red cedar/British Columbia wildginger	THPL/ASCA2
546	western red cedar/British Columbia wildginger-British Columbia wildginger	THPL/ASCA2-ASCA2
547	western red cedar/British Columbia wildginger-rusty menziesia	THPL/ASCA2-MEFE
548	western red cedar/British Columbia wildginger-Pacific yew	THPL/ASCA2-TABR2
550	western red cedar/devilsclub	THPL/OPHO
555	western red cedar/western oakfern	THPL/GYDR
560	western red cedar/northern maidenhair	THPL/ADPE
565	western hemlock/western oakfern	TSHE/GYDR
570	western hemlock/bride's bonnet	TSHE/CLUN2
571	western hemlock/bride's bonnet-bride's bonnet	TSHE/CLUN2-CLUN2
572	western hemlock/bride's bonnet-wild sarsaparilla	TSHE/CLUN2-ARNU2
573	western hemlock/bride's bonnet-rusty menziesia	TSHE/CLUN2-MEFE
574	western hemlock/bride's bonnet-common beargrass	TSHE/CLUN2-XETE
575	western hemlock/British Columbia wildginger	TSHE/ASCA2
576	western hemlock/British Columbia wildginger-wild sarsaparilla	TSHE/ASCA2-ARNU2
577	western hemlock/British Columbia wildginger-rusty menziesia	TSHE/ASCA2-MEFE
578	western hemlock/British Columbia wildginger-British Columbia wildginger	TSHE/ASCA2-ASCA2
579	western hemlock/rusty menziesia	TSHE/MEFE
590	grand fir/twinflower	ABGR/LIBO3
591	grand fir/twinflower-twinflower	ABGR/LIBO3-LIBO3
592	grand fir/twinflower-common beargrass	ABGR/LIBO3-XETE
600	subalpine fir series	ABLA
620	subalpine fir/bride's bonnet	ABLA/CLUN2
621	subalpine fir/bride's bonnet-bride's bonnet	ABLA/CLUN2-CLUN2
624	subalpine fir/bride's bonnet-common beargrass	ABLA/CLUN2-XETE
625	subalpine fir/bride's bonnet-rusty menziesia	ABLA/CLUN2-MEFE
635	subalpine fir/claspleaf twistedstalk	ABLA/STAM2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 110 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
636	subalpine fir/claspleaf twistedstalk-rusty menziesia	ABLA/STAM2-MEFE
637	subalpine fir/claspleaf twistedstalk-Canby's licorice-root	ABLA/STAM2-LICA2
640	subalpine fir/dwarf bilberry	ABLA/VACA13
650	subalpine fir/bluejoint	ABLA/CACA4
651	subalpine fir/bluejoint-bluejoint	ABLA/CACA4-CACA4
652	subalpine fir/bluejoint-Canby's licorice-root	ABLA/CACA4-LICA2
654	subalpine fir/bluejoint-dwarf bilberry	ABLA/CACA4-VACA13
655	subalpine fir/bluejoint-western Labrador tea	ABLA/CACA4-LEGL
670	subalpine fir/rusty menziesia	ABLA/MEFE
671	subalpine fir/rusty menziesia-Idaho goldthread	ABLA/MEFE-COOC
672	subalpine fir/rusty menziesia-Hitchcock's smooth woodrush	ABLA/MEFE-LUGLH
673	subalpine fir/rusty menziesia-common beargrass	ABLA/MEFE-XETE
674	subalpine fir/rusty menziesia-grouse whortleberry	ABLA/MEFE-VASC
675	mountain hemlock/claspleaf twistedstalk	TSME/STAM2
676	mountain hemlockclaspleaf /twistedstalk-Hitchcock's smooth woodrush	TSME/STAM2-LUGLH
677	mountain hemlock/claspleaf twistedstalk-rusty menziesia	TSME/STAM2-MEFE
680	mountain hemlock/rusty menziesia	TSME/MEFE
681	mountain hemlock/rusty menziesia-Hitchcock's smooth woodrush	TSME/MEFE-LUGLH
682	mountain hemlock/rusty menziesia-common beargrass	TSME/MEFE-XETE
685	mountain hemlock/bride's bonnet	TSME/CLUN2
686	mountain hemlock/bride's bonnet-rusty menziesia	TSME/CLUN2-MEFE
687	mountain hemlock/bride's bonnet-common beargrass	TSME/CLUN2-XETE
690	subalpine fir/common beargrass	ABLA/XETE
691	subalpine fir/common beargrass-thinleaf huckleberry	ABLA/XETE-VAME
692	subalpine fir/common beargrass-grouse whortleberry	ABLA/XETE-VASC
693	subalpine fir/common beargrass-Idaho goldthread	ABLA/XETE-COOC
694	subalpine fir/common beargrass-Hitchcock's smooth woodrush	ABLA/XETE-LUGLH
701	mountain hemlock series	TSME
710	mountain hemlock/common beargrass	TSME/XETE
711	mountain hemlock/common beargrass-Hitchcock's smooth woodrush	TSME/XETE-LUGLH
712	mountain hemlock/common beargrass-thinleaf huckleberry	TSME/XETE-VAME
713	mountain hemlock/common beargrass-grouse whortleberry	TSME/XETE-VASC
720	subalpine fir/thinleaf huckleberry	ABLA/VAME
730	subalpine fir/grouse whortleberry	ABLA/VASC
750	subalpine fir/pinegrass	ABLA/CARU
830	subalpine fir/Hitchcock's smooth woodrush	ABLA/LUGLH

NRV_PV_COVER_TYPES (CONT.)**Reference Code 110 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
840	mountain hemlock/Hitchcock's smooth woodrush	TSME/LUGLH
850	whitebark pine-subalpine fir communities	PIAL-ABLA
860	subalpine larch-subalpine fir communities	LALY-ABLA
900	lodgepole pine series	PICO
920	lodgepole pine/dwarf bilberry	PICO/VACA13
925	lodgepole pine/common beargrass	PICO/XETE
940	lodgepole pine/grouse whortleberry	PICO/VASC

Reference Code 111

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
000	limber pine	PIFL2
040	limber pine/bluebunch wheatgrass	PIFL2/PSSPS
050	limber pine/Idaho fescue	PIFL2/FEID
051	limber pine/Idaho fescue-Idaho fescue	PIFL2/FEID-FEID
052	limber pine/Idaho fescue-Altai fescue	PIFL2/FEID-FEAL
070	limber pine/common juniper	PIFL2/JUCO6
100	ponderosa pine	PIPO
110	ponderosa pine/bluestem	PIPO/ANDRO2
120	ponderosa pine/needle and thread	PIPO/HECO26
130	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
140	ponderosa pine/Idaho fescue	PIPO/FEID
141	ponderosa pine/Idaho fescue-Idaho fescue	PIPO/FEID-FEID
142	ponderosa pine/Idaho fescue-Altai fescue	PIPO/FEID-FEAL
160	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
161	ponderosa pine/antelope bitterbrush-bluebunch wheatgrass	PIPO/PUTR2-PSSPS
162	ponderosa pine/antelope bitterbrush-Idaho fescue	PIPO/PUTR2-FEID
170	ponderosa pine/common snowberry	PIPO/SYAL
171	ponderosa pine/common snowberry-common snowberry	PIPO/SYAL-SYAL
172	ponderosa pine/common snowberry-creeping barberry	PIPO/SYAL-MARE11
180	ponderosa pine/chokecherry	PIPO/PRVI
181	ponderosa pine/chokecherry-chokecherry	PIPO/PRVI-PRVI
182	ponderosa pine/chokecherry-russet buffaloberry	PIPO/PRVI-SHCA
190	ponderosa pine/mallow ninebark	PIPO/PHMA5
200	Douglas-fir	PSME
210	Douglas-fir/bluebunch wheatgrass	PSME/PSSPS
220	Douglas-fir/Idaho fescue	PSME/FEID
230	Douglas-fir/altai fescue	PSME/FEAL
250	Douglas-fir/dwarf bilberry	PSME/VACA13
260	Douglas-fir/mallow ninebark	PSME/PHMA5
261	Douglas-fir/mallow ninebark-mallow ninebark	PSME/PHMA5-PHMA5
262	Douglas-fir/mallow ninebark-pinegrass	PSME/PHMA5-CARU

NRV_PV_COVER_TYPES (CONT.)**Reference Code 111 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
263	Douglas-fir/mallow ninebark/starry false lily of the valley	PSME/PHMA5/MAST4
280	Douglas-fir/thinleaf huckleberry	PSME/VAME
281	Douglas-fir/thinleaf huckleberry-thinleaf huckleberry	PSME/VAME-VAME
282	Douglas-fir/thinleaf huckleberry-kinnikinnick	PSME/VAME-ARUV
283	Douglas-fir/thinleaf huckleberry-common beargrass	PSME/VAME-XETE
290	Douglas-fir/twinflower	PSME/LIBO3
291	Douglas-fir/twinflower-common snowberry	PSME/LIBO3-SYAL
292	Douglas-fir/twinflower-thinleaf huckleberry	PSME/LIBO3-VAME
293	Douglas-fir/twinflower-thinleaf huckleberry	PSME/LIBO3-VAME
310	Douglas-fir/common snowberry	PSME/SYAL
311	Douglas-fir/common snowberry-bluebunch wheatgrass	PSME/SYAL-PSSPS
312	Douglas-fir/common snowberry-pinegrass	PSME/SYAL-CARU
313	Douglas-fir/common snowberry-common snowberry	PSME/SYAL-SYAL
320	Douglas-fir/pinegrass	PSME/CARU
321	Douglas-fir/pinegrass-bluebunch wheatgrass	PSME/CARU-PSSPS
322	Douglas-fir/pinegrass-kinnikinnick	PSME/CARU-ARUV
323	Douglas-fir/pinegrass-pinegrass	PSME/CARU-CARU
324	Douglas-fir/pinegrass-ponderosa pine	PSME/CARU-PIPO
330	Douglas-fir/Geyer's sedge	PSME/CAGE2
340	Douglas-fir/white spirea	PSME/SPBE2
350	Douglas-fir/kinnikinnick	PSME/ARUV
360	Douglas-fir/common juniper	PSME/JUCO6
365	Douglas-fir/bunchberry dogwood	PSME/COCA13
370	Douglas-fir/heartleaf arnica	PSME/ARCO9
380	Douglas-fir/mountain snowberry	PSME/SYOR2
400	spruce	PICEA
410	spruce/field horsetail	PICEA/EQAR
420	spruce/bride's bonnet	PICEA/CLUN2
421	spruce/bride's bonnet-dwarf bilberry	PICEA/CLUN2-VACA13
422	spruce/bride's bonnet-bride's bonnet	PICEA/CLUN2-CLUN2
430	spruce/mallow ninebark	PICEA/PHMA5
440	spruce/fragrant bedstraw	PICEA/GATR3
450	spruce/dwarf bilberry	PICEA/VACA13
460	spruce/Rocky Mountain groundsel	PICEA/PAST10
461	spruce/Rocky Mountain groundsel-Douglas-fir	PICEA/PAST10-PSME
462	spruce/cleft leaf groundsel-spruce	PICEA/PAST10-PICEA
470	spruce/twinflower	PICEA/LIBO3
480	spruce/starry false lily of the valley	PICEA/MAST4
500	grand fir	ABGR
501	western red cedar	THPL
502	western Hemlock	TSHE
505	grand fir/white spirea	ABGR/SPBE2
506	grand fir/mallow ninebark	ABGR/PHMA5
507	grand fir/mallow ninebark/Idaho goldthread	ABGR/PHMA5/COOC

NRV_PV_COVER_TYPES (CONT.)**Reference Code 111 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
508	grand fir/mallow ninebark-mallow ninebark	ABGR/PHMA5-PHMA5
510	grand fir/common beargrass	ABGR/XETE
511	grand fir/common beargrass-Idaho goldthread	ABGR/XETE-COOC
512	grand fir/common beargrass-thinleaf huckleberry	ABGR/XETE-VAME
515	grand fir/thinleaf huckleberry	ABGR/VAME
516	grand fir/British Columbia wildginger	ABGR/ASCA2
517	grand fir/British Columbia wildginger-British Columbia wildginger	ABGR/ASCA2-ASCA2
518	grand fir/British Columbia wildginger-rusty menziesia	ABGR/ASCA2-MEFE
519	grand fir/British Columbia wildginger-Pacific yew	ABGR/ASCA2-TABR2
520	grand fir/bride's bonnet	ABGR/CLUN2
521	grand fir/bride's bonnet-bride's bonnet	ABGR/CLUN2-CLUN2
522	grand fir/bride's bonnet-wild sarsaparilla	ABGR/CLUN2-ARNU2
523	grand fir/bride's bonnet-common beargrass	ABGR/CLUN2-XETE
524	grand fir/bride's bonnet-mallow ninebark	ABGR/CLUN2-PHMA5
525	grand fir/bride's bonnet-rusty menziesia	ABGR/CLUN2-MEFE
526	grand fir/bride's bonnet-Pacific yew	ABGR/CLUN2-TABR2
529	grand fir/arrowleaf ragwort	ABGR/SETR
530	western red cedar/bride's bonnet	THPL/CLUN2
531	western red cedar/bride's bonnet-bride's bonnet	THPL/CLUN2-CLUN2
532	western red cedar/bride's bonnet-wild sarsaparilla	THPL/CLUN2-ARNU2
533	western red cedar/bride's bonnet-rusty menziesia	THPL/CLUN2-MEFE
534	western red cedar/bride's bonnet-common beargrass	THPL/CLUN2-XETE
535	western red cedar/bride's bonnet-Pacific yew	THPL/CLUN2-TABR2
540	western red cedar/common ladyfern	THPL/ATFI
541	western red cedar/common ladyfern-northern maidenhair	THPL/ATFI-ADPE
542	western red cedar/common ladyfern-common ladyfern	THPL/ATFI-ATFI
545	western red cedar/British Columbia wildginger	THPL/ASCA2
546	western red cedar/British Columbia wildginger-British Columbia wildginger	THPL/ASCA2-ASCA2
547	western red cedar/British Columbia wildginger-rusty menziesia	THPL/ASCA2-MEFE
548	western red cedar/British Columbia wildginger-Pacific yew	THPL/ASCA2-TABR2
550	western red cedar/devilsclub	THPL/OPHO
555	western red cedar/western oakfern	THPL/GYDR
560	western red cedar/northern maidenhair	THPL/ADPE
565	western hemlock/western oakfern	TSHE/GYDR
570	western hemlock/bride's bonnet	TSHE/CLUN2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 111 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
571	western hemlock/bride's bonnet-bride's bonnet	TSHE/CLUN2-CLUN2
572	western hemlock/bride's bonnet-wild sarsaparilla	TSHE/CLUN2-ARNU2
573	western hemlock/bride's bonnet-rusty menziesia	TSHE/CLUN2-MEFE
574	western hemlock/bride's bonnet-common beargrass	TSHE/CLUN2-XETE
575	western hemlock/British Columbia wildginger	TSHE/ASCA2
576	western hemlock/British Columbia wildginger-wild sarsaparilla	TSHE/ASCA2-ARNU2
577	western hemlock/British Columbia wildginger-rusty menziesia	TSHE/ASCA2-MEFE
578	western hemlock/British Columbia wildginger-British Columbia wildginger	TSHE/ASCA2-ASCA2
579	western hemlock/rusty menziesia	TSHE/MEFE
590	grand fir/twinflower	ABGR/LIBO3
591	grand fir/twinflower-twinflower	ABGR/LIBO3-LIBO3
592	grand fir/twinflower-common beargrass	ABGR/LIBO3-XETE
600	subalpine fir	ABLA
610	subalpine fir/devilsclub	ABLA/OPHO
620	subalpine fir/bride's bonnet	ABLA/CLUN2
621	subalpine fir/bride's bonnet-bride's bonnet	ABLA/CLUN2-CLUN2
622	subalpine fir/bride's bonnet-wild sarsaparilla	ABLA/CLUN2-ARNU2
623	subalpine fir/bride's bonnet-dwarf bilberry	ABLA/CLUN2-VACA13
624	subalpine fir/bride's bonnet-common beargrass	ABLA/CLUN2-XETE
625	subalpine fir/bride's bonnet-rusty menziesia	ABLA/CLUN2-MEFE
630	subalpine fir/fragrant bedstraw	ABLA/GATR3
635	subalpine fir/claspleaf twistedstalk	ABLA/STAM2
636	subalpine fir/claspleaf twistedstalk-rusty menziesia	ABLA/STAM2-MEFE
637	subalpine fir/claspleaf twistedstalk-Canby's licorice-root	ABLA/STAM2-LICA2
640	subalpine fir/dwarf bilberry	ABLA/VACA13
650	subalpine fir/bluejoint	ABLA/CACA4
651	subalpine fir/bluejoint-bluejoint	ABLA/CACA4-CACA4
652	subalpine fir/bluejoint-Canby's licorice-root	ABLA/CACA4-LICA2
653	subalpine fir/bluejoint-fragrant bedstraw	ABLA/CACA4-GATR3
654	subalpine fir/bluejoint-dwarf bilberry	ABLA/CACA4-VACA13
655	subalpine fir/bluejoint-western Labrador tea	ABLA/CACA4-LEGL
660	subalpine fir/twinflower	ABLA/LIBO3
661	subalpine fir/twinflower-twinflower	ABLA/LIBO3-LIBO3
662	subalpine fir/twinflower-common beargrass	ABLA/LIBO3-XETE
663	subalpine fir/twinflower-grouse whortleberry	ABLA/LIBO3-VASC
670	subalpine fir/rusty menziesia	ABLA/MEFE
671	subalpine fir/rusty menziesia-Idaho goldthread	ABLA/MEFE-COOC
672	subalpine fir/rusty menziesia-Hitchcock's smooth woodrush	ABLA/MEFE-LUGLH
673	subalpine fir/rusty menziesia-common beargrass	ABLA/MEFE-XETE
674	subalpine fir/rusty menziesia-grouse whortleberry	ABLA/MEFE-VASC

NRV_PV_COVER_TYPES (CONT.)**Reference Code 111 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
675	mountain hemlock/claspleaf twistedstalk	TSME/STAM2
676	mountain hemlock/claspleaf twistedstalk-Hitchcock's smooth woodrush	TSME/STAM2-LUGLH
677	mountain hemlock/claspleaf twistedstalk-rusty menziesia	TSME/STAM2-MEFE
680	mountain hemlock/rusty menziesia	TSME/MEFE
681	mountain hemlock/rusty menziesia-Hitchcock's smooth woodrush	TSME/MEFE-LUGLH
682	mountain hemlock/rusty menziesia-common beargrass	TSME/MEFE-XETE
685	mountain hemlock/bride's bonnet	TSME/CLUN2
686	mountain hemlock/bride's bonnet-rusty menziesia	TSME/CLUN2-MEFE
690	subalpine fir/common beargrass	ABLA/XETE
691	subalpine fir/common beargrass-thinleaf huckleberry	ABLA/XETE-VAME
692	subalpine fir/common beargrass-grouse whortleberry	ABLA/XETE-VASC
693	subalpine fir/common beargrass-Idaho goldthread	ABLA/XETE-COOC
694	subalpine fir/common beargrass-Hitchcock's smooth woodrush	ABLA/XETE-LUGLH
700	subalpine fir (lower subalpine)	ABLA
710	mountain hemlock/common beargrass	TSME/XETE
711	mountain hemlock/common beargrass-Hitchcock's smooth woodrush	TSME/XETE-LUGLH
712	mountain hemlock/common beargrass-thinleaf huckleberry	TSME/XETE-VAME
713	mountain hemlock/common beargrass-grouse whortleberry	TSME/XETE-VASC
720	subalpine fir/thinleaf huckleberry	ABLA/VAME
730	subalpine fir/grouse whortleberry	ABLA/VASC
731	subalpine fir/grouse whortleberry-pinegrass	ABLA/VASC-CARU
732	subalpine fir/grouse whortleberry-grouse whortleberry	ABLA/VASC-VASC
733	subalpine fir/grouse whortleberry-western meadow-rue	ABLA/VASC/THOC
740	subalpine fir/Sitka alder	ABLA/ALVIS
750	subalpine fir/pinegrass	ABLA/CARU
770	subalpine fir/rock clematis	ABLA/CLCOC2
780	subalpine fir/heartleaf arnica	ABLA/ARCO9
790	subalpine fir/Geyer's sedge	ABLA/CAGE2
791	subalpine fir/Geyer's sedge-Geyer's sedge	ABLA/CAGE2-CAGE2
792	subalpine fir/Geyer's sedge-Douglas-fir	ABLA/CAGE2-PSME
800	subalpine fir (upper subalpine)	ABLA
810	subalpine fir/gooseberry currant	ABLA/RIMO2
820	subalpine fir-whitebark pine/grouse whortleberry	ABLA-PIAL/VASC
830	subalpine fir/Hitchcock's smooth woodrush	ABLA/LUGLH
831	subalpine fir/Hitchcock's smooth woodrush-grouse whortleberry	ABLA/LUGLH-VASC
832	subalpine fir/Hitchcock's smooth woodrush-rusty menziesia	ABLA/LUGLH-MEFE
840	mountain hemlock/Hitchcock's smooth woodrush	TSME/LUGLH
841	mountain hemlock/Hitchcock's smooth woodrush-grouse whortleberry	TSME/LUGLH-VASC

NRV_PV_COVER_TYPES (CONT.)**Reference Code 111 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
842	mountain hemlock/Hitchcock's smooth woodrush-rusty menziesia	TSME/LUGLH-MEFE
850	whitebark pine-subalpine fir	PIAL-ABLA
860	subalpine larch-subalpine fir	LALY-ABLA
870	whitebark pine	PIAL
890	subalpine fir (timberline)	ABLA
900	lodgepole pine	PICO
910	lodgepole pine/antelope bitterbrush	PICO/PUTR2
920	lodgepole pine/dwarf bilberry	PICO/VACA13
925	lodgepole pine/common beargrass	PICO/XETE
930	lodgepole pine/twinflower	PICO/LIB03
940	lodgepole pine/grouse whortleberry	PICO/VASC
950	lodgepole pine/pinegrass	PICO/CARU

Reference Code 112

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
103	narrowleaf cottonwood/recent alluvial barr	POAN3
104	narrowleaf cottonwood/herbaceous	POAN3
105	narrowleaf cottonleaf/western snowberry	POAN3/SYOC
106	narrowleaf cottonwood/redosier dogwood	POAN3/COSES
110	green ash/chokecherry	FRPE/PRVI
111	boxelder/chokecherry	ACNE2/PRVI
112	Russian olive	ELAN
113	plains cottonwood/redosier dogwood	PODEM/COSES
114	plains cottonwood/herbaceous	PODEM
115	plains cottonwood/recent alluvial bar	PODEM
116	plains cottonwood/western snowberry	PODEM/SYOC
117	quaking aspen/creeping barberry	POTR5/MARE11
118	quaking aspen/bluejoint	POTR5/CACA4
119	quaking aspen/redosier dogwood	POTR5/COSES
12	spruce/fragrant bedstraw	PICEA/GATR3
120	quaking aspen/western sweetroot	POTR5/OSOC
121	quaking aspen/Kentucky bluegrass	POTR5/POPR
122	black cottonwood/redosier dogwood	POBAT/COSES
123	black cottonwood/herbaceous	POBAT
124	black cottonwood/recent alluvial bar	POBAT
125	Black cottonwood/western snowberry	POBAT/SYOR
130	peachleaf willow	SAAM2
131	Bebb willow	SABE2
132	sageleaf willow/beaked sedge	SACA4/CAR06
133	Drummond's willow/bluejoint	SADR/CACA4
134	Drummond's willow/beaked sedge	SADR/CAR06
135	Drummond's willow	SADR
136	Geyer willow/bluejoint	SAGE2/CACA4

NRV_PV_COVER_TYPES (CONT.)**Reference Code 112 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
137	Geyer willow/beaked sedge	SAGE2/CAR06
138	Geyer willow	SAGE2
139	Pacific willow	SALUL
140	yellow willow/bluejoint	SALU2/CACA4
141	yellow willow/beaked sedge	SALU2/CAR06
142	yellow willow	SALU2
143	diamondleaf willow/water sedge	SAPL2/CAAQ
144	Wolf's willow/water sedge	SAWO/CAAQ
145	Wolf's willow/tufted hairgrass	SAWO/DECA18
146	gray alder	ALIN2
150	silver sagebrush/western wheatgrass	ARCA13/PASM
151	silver sagebrush/Idaho fescue	ARCA13/FEID
152	resin birch/beaked sedge	B EGL/CAR06
153	water birch	BEOC2
154	fleshy hawthorn	CRSU5
155	alpine laurel/mountain sedge	KAMI/CASC12
156	chockcherry	PRVI
157	Woods' rose	ROWO
158	greasewood/western wheatgrass	SAVE4/PASM
159	silver buffaloberry	SHAR
160	rose spirea	SPDO
161	western snowberry	SYOC
162	five-stamen tamarisk	TACH2
180	ponderosa pine/chokecherry	PIPO/PRVI
181	ponderosa pine/redosier dogwood	PIPO/COSES
200	water sedge/water sedge	CAAQ/CAAQ
201	water sedge/tufted hairgrass	CAAQ/DECA18
202	mud sedge	CALI7
203	beaked sedge/water sedge	CAR06/CAAQ
204	beaked sedge/beaked sedge	CAR06/CAR06
205	beaked sedge/tufted hairgrass	CAR06/DECA18
210	western wheatgrass	PASM
211	creeping bentgrass	AGST2
212	smooth brome	BRIN2
213	bluejoint	CACA4
214	saltgrass	DISP
215	water horsetail	EQFL
216	small floating mannagrass	GLBO
217	American licorice	GLLE3
218	foxtail barley	HOJU
219	reed canarygrass	PHAR3
220	common reed	PHAU7
221	fowl bluegrass	POPA2
222	water knotweed	POAM8
223	red swampfire	SARU
224	hardstem bulrush	SCAC3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 112 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
225	cosmopolitan bulrush	SCMA8
226	Chairmaker's bulrush	SCAM6
227	arrowleaf ragwort	SETR
228	prairie cordgrass	SPPE
229	broadleaf cattail	TYLA
30	Sitka alder communities	ALVIS
4	Engelmann spruce/field horsetail	PIEN/EQAR
400	Rocky Mountain juniper/redosier dogwood	JUSC2/COSES
43	Engelmann spruce/redosier dogwood	PIEN/COSES
44	Engelmann spruce/American skunkcabbage	PIEN/LYAM3
540	western red cedar/common ladyfern	THPL/ATFI
542	western red cedar/common ladyfern-common ladyfern	THPL/ATFI-ATFI
550	western red cedar/devilsclub	THPL/OPHO
555	western red cedar/western oakfern	THPL/GYDR
565	western hemlock/western oakfern	TSHE/GYDR
6	spruce/bluejoint	PICEA/CACA4
601	subalpine fir/red baneberry	ABLA/ACRU2
610	subalpine fir/devilsclub	ABLA/OPHO
613	grand fir/common ladyfern	ABGR/ATFI
630	subalpine fir/fragrant bedstraw	ABLA/GATR3
631	subalpine fir/western labrador tea	ABLA/LEGL
632	subalpine fir/western labrador tea-bluejoint	ABLA/LEGL-CACA4
633	subalpine fir/western labrador tea-western labrador tea	ABLA/LEGL-LEGL
635	subalpine fir/claspleaf twistedstalk	ABLA/STAM2
636	subalpine fir/claspleaf twistedstalk-claspleaf twistedstalk	ABLA/STAM2-STAM2
637	subalpine fir/claspleaf twistedstalk-rusty menziesia	ABLA/STAM2-MEFE
650	subalpine fir/bluejoint	ABLA/CACA4
651	subalpine fir/bluejoint-bluejoint	ABLA/CACA4-CACA4
652	subalpine fir/bluejoint-Canby's licorice-root	ABLA/CACA4-LICA2
654	subalpine fir/bluejoint-dwarf bilberry	ABLA/CACA4-VACA13
700	Dougals-fir/redosier dogwood	PSME/COSES
MD3111	Kentucky bluegrass (dry meadow)	POPR
MM1912	tufted hairgrass (moist meadow)	DECA18
MM2912	Nebraska sedge (moist meadow)	CANE2
MM2914	water sedge (aquatic moist meadow)	CAAQ
MM2915	analogue sedge (moist meadow)	CASI2
MM2917	Northwest Territory sedge (moist meadow)	CAUT
MM2920	woollyfruit sedge (moist meadow)	CALA11
MS3111	mountain sedge (subalpine wet meadow)	CASC12
MW3912	Baltic rush	JUBA
MW4911	fewflower spikerush	ELQU2
MW4912	common spikerush	ELPA3
SW1117	narrowleaf willow	SAEX
SW5112	redosier dogwood	COSES
SW5113	shrubby cinquefoil/tufted hairgrass	DAFL3/DECA18

NRV_PV_COVER_TYPES (CONT.)

Reference Code 113

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
1	Idaho fescue/varileaf cinquefoil	FEID/PODI2
10	Ross' avens/twinflower sandwort	GERO2/MIOB2
11	eightpetal mountain-avens/curly sedge	DROC/CARU3
12	black alpine sedge	CANI2
13	Drummond's rush/woolly pussytoes	JUDR/ANLA3
14	pink mountainheath/woolly pussytoes	PHEM/ANLA3
15	western moss heather/Payson's sedge	CAME7/CAPA31
16	Parry's rush/Bear River fleabane	JUPA/ERUR2
17	grayleaf willow	SAGL
18	tufted hairgrass/white marsh marigold	DECA18/CALE4
19	mountain sedge/white marsh marigold	CASC12/CALE4
2	tufted hairgrass/varileaf cinquefoil	DECA18/PODI2
20	netleaf willow/white marsh marigold	SARE2/CALE4
21	diamondleaf willow/mountain sedge	SAPL2/CASC12
22	Dry slope communities	
23	Moist slope communities	
24	spike fescue	LEKI2
25	Ross' avens, Parry's clover	GERO2/TRPA5
26	flowery phlox/dwarf clover	PHMU3/TRNA2
27	cushion phlox/alpine clover	PHPU5/TRDA2
28	alpine clover/Ross' avens	TRDA2/GERO2
29	littleleaf pussytoes/alpine sagebrush	ANMI3/ARSC
3	spike fescue/field locoweed	LEKI2/OXCA4
4	blackroot sedge	CAEL3
5	northern singlespike sedge/varileaf cinquefoil	CASC10/PODI2
6	northern singlespike sedge/Ross' avens	CASC10/GERO2
7	eightpetal mountain-avens/alpine bistort	DROC/POVI3
8	arctic willow/American bistort	SAAR27/POBI6
9	curly sedge/sheep cinquefoil	CARU3/POOV2

Reference Code 114

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
100001	Western wheatgrass/threadleaf sedge	PASM/CAFI
100005	bluebunch wheatgrass/sideoats grama	PSSPS/BOCU
100006	bluebunch wheatgrass/threadleaf sedge	PSSPS/CAFI
100010	little bluestem/threadleaf sedge	SCSCS/CAFI
100013	silver sagebrush/western wheatgrass	ARCA13/PASM
100014	big sagebrush/western wheatgrass	ARTR2/PASM
100015	big sagebrush/bluebunch wheatgrass	ARTR2/PSSPS
100021	prarie sandreed/sunsedge	CALO/CAINH2
100023	Idaho fescue/sunsedge	FEID/CAINH2
100024	green ash/chokecherry	FRPE/PRVI
100028	creeping juniper/sunsedge	JUHO2/CAINH2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 114 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
100029	rocky mountain juniper/bluebunch wheatgrass	JUSC2/PSSPS
100030	rocky mountain juniper/littleseed ricegrass	JUSC2/PIMI7
100032	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
100033	ponderosa pine/sunsedge	PIPO/CAINH2
100034	ponderosa pine/Idaho fescue	PIPO/FEID
100035	ponderosa pine/common juniper	PIPO/JUCO6
100037	ponderosa pine/chokecherry	PIPO/PRVI
100040	quaking aspen/Oregon grape	POTR5/MARE11
100046	fragrant sumac/bluebunch wheatgrass	RHAR4/PSSPS
100047	fragrant sumac/threadleaf sedge	RHAR4/CAFI
100048	fragrant sumac/Idaho fescue	RHAR4/FEID
100049	greasewood/western wheatgrass	SAVE4/PASM
100050	greasewood/bluebunch wheatgrass	SAVE4/PSSPS
100052	silver buffaloberry	SHAR
100054	needle and thread/threadleaf sedge	HECOC8/CAFI
100055	needle and thread/sunsedge	HECOC8/CAINH2
100056	western snowberry	SYOC

Reference Code 115

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
100	western wheatgrass/green needlegrass	PASM/NAVI4
1000	silver sagebrush/western wheatgrass	ARCA13/PASM
1100	Wyoming big sagebrush/western wheatgrass	ARTRW8/PASM
1200	Wyoming big sagebrush/bluebunch wheatgrass	ARTRW8/PSSPS
1300	Shadescale saltbrush/Wyoming big sagebrush	ATCO/SRTRW8
1400	creeping juniper/little bluestem	JUHO2/SCSCS
1500	shrubby cinquefoil/little bluestem	DAFR6/SCSCS
1600	fragrant sumac/bluebunch wheatgrass	RHAR4/PSSPS
1700	fragrant sumac/plains muhley	RHAR4/MUCU3
1800	greasewood/western wheatgrass	SAVE4/PASM
1900	greasewood/bluebunch wheatgrass	SAVE4/PSSPS
200	little bluestem/threadleaf sedge	SCSCS/CAFI
2000	silver buffaloberry	SHAR
2100	western snowberry	SYOC
300	big bluestem	ANGE
400	western wheatgrass/needle and thread	PASM/HECOC8
500	prairie sandreed/carex	CALO/CAREX
600	saltgrass	DISP
700	Nuttall's alkaligrass/saltgrass	PUNU2/DISP
800	needle and thread/threadleaf sedge	HECOC8/CAFI
900	little sagebrush/bluegramma	ARAR8/BOGR2

NRV_PV_COVER_TYPES (CONT.)

Reference Code 199

PV Code	Common Name	Scientific Name
001	Water	
010	Scree	
015	Grassland steppe	
016	STCO series	Hesperostipa comata
017	AGSP series	Pseudoroegneria spicata
018	FEID series	Festuca idahoensis
019	FESC series	Festuca altaica
020	And series	Andropogon spp.
021	DECA series	Deschampsia caespitosa
030	Shrubland steppe	
031	ARAR series	Artemisia arbuscula
032	ARTR series	Artemisia tridentate
033	ARTI series	Artemisia tripartite
034	POFR series	Dasiphora fruticosa
035	PUTR series	Purshia tridentate
036	CELE series	Cercocarpus ledifolius
037	RHTR series	Rhus trilobata
038	SAVE series	Sarcobatus vermiculatus
039	ERI series	Eriogonum spp.
050	Hardwood forest woodland draws	
060	Mountain bottomlands and meadows	
061	CAR series	Carex spp.
065	Grass types	
070	Forb types	
071	CRA series	Crataegus
072	CEL series	Celtis spp.
073	ALN series	Alnus spp.
074	SAL series	Salix spp.
078	POTRE series	Populus tremuloides
079	POTRI series	Populus balsamifera L. ssp. Trichocarpa
080	Alpine meadows and scrub	
081	SG types	
084	Forb types	
087	Shrub types	
090	limber pine series	Pinus flexilis
091	limber pine/bluebunch wheatgrass	Pinus flexilis/Pseudoroegneria spicata
092	limber pine/Idaho fescue	Pinus flexilis/Festuca idahoensis
093	limber pine/Idaho fescue-Idaho fescue	Pinus flexilis/Festuca idahoensis- Festuca idahoensis
094	limber pine/Idaho fescue-Altai fescue	Pinus flexilis/Festuca idahoensis- Festuca campestris
095	limber pine/common juniper	Pinus flexilis/Juniperus communis

NRV_PV_COVER_TYPES (CONT.)**Reference Code 199 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
100	ponderosa pine	PIPO
110	ponderosa pine/bluestem	PIPO/ANDRO2
120	ponderosa pine/needle and thread	PIPO/HECO26
130	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
140	ponderosa pine/Idaho fescue	PIPO/FEID
141	ponderosa pine/Idaho fescue-Idaho fescue	PIPO/FEID-FEID
142	ponderosa pine/Idaho fescue-Altai fescue	PIPO/FEID-FEAL
150	ponderosa pine/common snowberry	Pinus Ponderosa/ Symphoricarpos occidentalis
160	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
161	ponderosa pine/antelope bitterbrush-bluebunch wheatgrass	PIPO/PUTR2-PSSPS
162	ponderosa pine/antelope bitterbrush-Idaho fescue	PIPO/PUTR2-FEID
170	ponderosa pine/common snowberry	PIPO/SYAL
171	ponderosa pine/common snowberry-common snowberry	PIPO/SYAL-SYAL
172	ponderosa pine/common snowberry-creeping barberry	PIPO/SYAL-MARE11
180	ponderosa pine/chokecherry	PIPO/PRVI
181	ponderosa pine/chokecherry-chokecherry	PIPO/PRVI-PRVI
182	ponderosa pine/chokecherry-russet buffaloberry	PIPO/PRVI-SHCA
190	ponderosa pine/mallow ninebark	PIPO/PHMA5
200	Douglas fir	PSME
210	Douglas-fir/bluebunch wheatgrass	PSME/PSSPS
220	Douglas-fir/Idaho fescue	PSME/FEID
230	Douglas-fir/altai fescue	PSME/FEAL
250	Douglas-fir/dwarf bilberry	PSME/VACA13
260	Douglas-fir/mallow ninebark	PSME/PHMA5
261	Douglas-fir/mallow ninebark-mallow ninebark	PSME/PHMA5-PHMA5
262	Douglas-fir/mallow ninebark-pinegrass	PSME/PHMA5-CARU
263	Douglas-fir/mallow ninebark/starry false lily of the valley	PSME/PHMA5/MAST4
280	Douglas-fir/thinleaf huckleberry	PSME/VAME
281	Douglas-fir/thinleaf huckleberry-thinleaf huckleberry	PSME/VAME-VAME
282	Douglas-fir/thinleaf huckleberry-kinnikinnick	PSME/VAME-ARUV
283	Douglas-fir/thinleaf huckleberry-common beargrass	PSME/VAME-XETE
290	Douglas-fir/twinflower	PSME/LIBO3
291	Douglas-fir/twinflower-common snowberry	PSME/LIBO3-SYAL
292	Douglas-fir/twinflower-thinleaf huckleberry	PSME/LIBO3-VAME
293	Douglas-fir/twinflower-thinleaf huckleberry	PSME/LIBO3-VAME
310	Douglas-fir/common snowberry	PSME/SYAL
311	Douglas-fir/common snowberry-bluebunch wheatgrass	PSME/SYAL-PSSPS
312	Douglas-fir/common snowberry-pinegrass	PSME/SYAL-CARU
313	Douglas-fir/common snowberry-common snowberry	PSME/SYAL-SYAL
320	Douglas-fir/pinegrass	PSME/CARU
321	Douglas-fir/pinegrass-bluebunch wheatgrass	PSME/CARU-PSSPS
322	Douglas-fir/pinegrass-kinnikinnick	PSME/CARU-ARUV

NRV_PV_COVER_TYPES (CONT.)**Reference Code 199 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
323	Douglas-fir/pinegrass-pinegrass	PSME/CARU-CARU
324	Douglas-fir/pinegrass-ponderosa pine	PSME/CARU-PIPO
325	Douglas fir/pinegrass	Pseudotsuga menziesii /Calamagrostis rubescens
330	Douglas-fir/Geyer's sedge	PSME/CAGE2
340	Douglas-fir/white spirea	PSME/SPBE2
350	Douglas-fir/kinnikinnick	PSME/ARUV
360	Douglas-fir/common juniper	PSME/JUCO6
365	Douglas-fir/bunchberry dogwood	PSME/COCA13
370	Douglas-fir/heartleaf arnica	PSME/ARCO9
380	Douglas-fir/mountain snowberry	PSME/SYOR2
400	spruce	PICEA
410	spruce/field horsetail	PICEA/EQAR
420	spruce/bride's bonnet	PICEA/CLUN2
421	spruce/bride's bonnet-dwarf bilberry	PICEA/CLUN2-VACA13
422	spruce/bride's bonnet-bride's bonnet	PICEA/CLUN2-CLUN2
430	spruce/mallow ninebark	PICEA/PHMA5
440	spruce/fragrant bedstraw	PICEA/GATR3
450	spruce/dwarf bilberry	PICEA/VACA13
460	spruce/Rocky Mountain groundsel	PICEA/PAST10
461	spruce/Rocky Mountain groundsel-Douglas-fir	PICEA/PAST10-PSME
462	spruce/cleft leaf groundsel-spruce	PICEA/PAST10-PICEA
470	spruce/twinflower	PICEA/LIBO3
480	spruce/starry false lily of the valley	PICEA/MAST4
500	grand fir	ABGR
501	western red cedar	THPL
502	western hemlock	TSHE
505	grand fir/white spirea	ABGR/SPBE2
506	grand fir/mallow ninebark	ABGR/PHMA5
507	grand fir/mallow ninebark/Idaho goldthread	ABGR/PHMA5/COOC
508	grand fir/mallow ninebark-mallow ninebark	ABGR/PHMA5-PHMA5
510	grand fir/common beargrass	ABGR/XETE
511	grand fir/common beargrass-Idaho goldthread	ABGR/XETE-COOC
512	grand fir/common beargrass-thinleaf huckleberry	ABGR/XETE-VAME
515	grand fir/thinleaf huckleberry	ABGR/VAME
516	grand fir/British Columbia wildginger	ABGR/ASCA2
517	grand fir/British Columbia wildginger-British Columbia wildginger	ABGR/ASCA2-ASCA2
518	grand fir/British Columbia wildginger-rusty menziesia	ABGR/ASCA2-MEFE
519	grand fir/British Columbia wildginger-Pacific yew	ABGR/ASCA2-TABR2
520	grand fir/bride's bonnet	ABGR/CLUN2
521	grand fir/bride's bonnet-bride's bonnet	ABGR/CLUN2-CLUN2
522	grand fir/bride's bonnet-wild sarsaparilla	ABGR/CLUN2-ARNU2
523	grand fir/bride's bonnet-common beargrass	ABGR/CLUN2-XETE
524	grand fir/bride's bonnet-mallow ninebark	ABGR/CLUN2-PHMA5
525	grand fir/bride's bonnet-rusty menziesia	ABGR/CLUN2-MEFE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 199 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
526	grand fir/bride's bonnet-Pacific yew	ABGR/CLUN2-TABR2
529	grand fir/arrowleaf ragwort	ABGR/SETR
530	western red cedar/bride's bonnet	THPL/CLUN2
531	western red cedar/bride's bonnet-bride's bonnet	THPL/CLUN2-CLUN2
532	western red cedar/bride's bonnet-wild sarsaparilla	THPL/CLUN2-ARNU2
533	western red cedar/bride's bonnet-rusty menziesia	THPL/CLUN2-MEFE
534	western red cedar/bride's bonnet-common beargrass	THPL/CLUN2-XETE
535	western red cedar/bride's bonnet-Pacific yew	THPL/CLUN2-TABR2
540	western red cedar/common ladyfern	THPL/ATFI
541	western red cedar/common ladyfern-northern maidenhair	THPL/ATFI-ADPE
542	western red cedar/common ladyfern-common ladyfern	THPL/ATFI-ATFI
545	western red cedar/British Columbia wildginger	THPL/ASCA2
546	western red cedar/British Columbia wildginger-British Columbia wildginger	THPL/ASCA2-ASCA2
547	western red cedar/British Columbia wildginger-rusty menziesia	THPL/ASCA2-MEFE
548	western red cedar/British Columbia wildginger-Pacific yew	THPL/ASCA2-TABR2
550	western red cedar/devilsclub	THPL/OPHO
555	western red cedar/western oakfern	THPL/GYDR
560	western red cedar/northern maidenhair	THPL/ADPE
565	western hemlock/western oakfern	TSHE/GYDR
570	western hemlock/bride's bonnet	TSHE/CLUN2
571	western hemlock/bride's bonnet-bride's bonnet	TSHE/CLUN2-CLUN2
572	western hemlock/bride's bonnet-wild sarsaparilla	TSHE/CLUN2-ARNU2
573	western hemlock/bride's bonnet-rusty menziesia	TSHE/CLUN2-MEFE
574	western hemlock/bride's bonnet-common beargrass	TSHE/CLUN2-XETE
575	western hemlock/British Columbia wildginger	TSHE/ASCA2
576	western hemlock/British Columbia wildginger-wild sarsaparilla	TSHE/ASCA2-ARNU2
577	western hemlock/British Columbia wildginger-rusty menziesia	TSHE/ASCA2-MEFE
578	western hemlock/British Columbia wildginger-British Columbia wildginger	TSHE/ASCA2-ASCA2
579	western hemlock/rusty menziesia	TSHE/MEFE
590	grand fir/twinflower	ABGR/LIBO3
591	grand fir/twinflower-twinflower	ABGR/LIBO3-LIBO3
592	grand fir/twinflower-common beargrass	ABGR/LIBO3-XETE
600	subalpine fir	ABLA
610	subalpine fir/devilsclub	ABLA/OPHO
620	subalpine fir/bride's bonnet	ABLA/CLUN2
621	subalpine fir/bride's bonnet-bride's bonnet	ABLA/CLUN2-CLUN2
622	subalpine fir/bride's bonnet-wild sarsaparilla	ABLA/CLUN2-ARNU2
623	subalpine fir/bride's bonnet-dwarf bilberry	ABLA/CLUN2-VACA13

NRV_PV_COVER_TYPES (CONT.)**Reference Code 199 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
624	subalpine fir/bride's bonnet-common beargrass	ABLA/CLUN2-XETE
625	subalpine fir/bride's bonnet-rusty menziesia	ABLA/CLUN2-MEFE
630	subalpine fir/fragrant bedstraw	ABLA/GATR3
635	subalpine fir/claspleaf twistedstalk	ABLA/STAM2
636	subalpine fir/claspleaf twistedstalk-rusty menziesia	ABLA/STAM2-MEFE
637	subalpine fir/claspleaf twistedstalk-Canby's licorice-root	ABLA/STAM2-LICA2
640	subalpine fir/dwarf bilberry	ABLA/VACA13
650	subalpine fir/bluejoint	ABLA/CACA4
651	subalpine fir/bluejoint-bluejoint	ABLA/CACA4-CACA4
652	subalpine fir/bluejoint-Canby's licorice-root	ABLA/CACA4-LICA2
653	subalpine fir/bluejoint-fragrant bedstraw	ABLA/CACA4-GATR3
654	subalpine fir/bluejoint-dwarf bilberry	ABLA/CACA4-VACA13
655	subalpine fir/bluejoint-western Labrador tea	ABLA/CACA4-LEGL
660	subalpine fir/twinflower	ABLA/LIB03
661	subalpine fir/twinflower-twinflower	ABLA/LIB03-LIB03
662	subalpine fir/twinflower-common beargrass	ABLA/LIB03-XETE
663	subalpine fir/twinflower-grouse whortleberry	ABLA/LIB03-VASC
670	subalpine fir/rusty menziesia	ABLA/MEFE
671	subalpine fir/rusty menziesia-Idaho goldthread	ABLA/MEFE-COOC
672	subalpine fir/rusty menziesia-Hitchcock's smooth woodrush	ABLA/MEFE-LUGLH
673	subalpine fir/rusty menziesia-common beargrass	ABLA/MEFE-XETE
674	subalpine fir/rusty menziesia-grouse whortleberry	ABLA/MEFE-VASC
675	mountain hemlock/claspleaf twistedstalk	TSME/STAM2
676	mountain hemlock/claspleaf twistedstalk-Hitchcock's smooth woodrush	TSME/STAM2-LUGLH
677	mountain hemlock/claspleaf twistedstalk-rusty menziesia	TSME/STAM2-MEFE
680	mountain hemlock/rusty menziesia	TSME/MEFE
681	mountain hemlock/rusty menziesia-Hitchcock's smooth woodrush	TSME/MEFE-LUGLH
682	mountain hemlock/rusty menziesia-common beargrass	TSME/MEFE-XETE
685	mountain hemlock/bride's bonnet	TSME/CLUN2
686	mountain hemlock/bride's bonnet-rusty menziesia	TSME/CLUN2-MEFE
690	subalpine fir/common beargrass	ABLA/XETE
691	subalpine fir/common beargrass-thinleaf huckleberry	ABLA/XETE-VAME
692	subalpine fir/common beargrass-grouse whortleberry	ABLA/XETE-VASC
693	subalpine fir/common beargrass-Idaho goldthread	ABLA/XETE-COOC
694	subalpine fir/common beargrass-Hitchcock's smooth woodrush	ABLA/XETE-LUGLH
700	subalpine fir (lower subalpine)	ABLA
710	mountain hemlock/common beargrass	TSME/XETE
711	mountain hemlock/common beargrass-Hitchcock's smooth woodrush	TSME/XETE-LUGLH

NRV_PV_COVER_TYPES (CONT.)**Reference Code 199 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
712	mountain hemlock/common beargrass-thinleaf huckleberry	TSME/XETE-VAME
713	mountain hemlock/common beargrass-grouse whortleberry	TSME/XETE-VASC
720	subalpine fir/thinleaf huckleberry	ABLA/VAME
730	subalpine fir/grouse whortleberry	ABLA/VASC
731	subalpine fir/grouse whortleberry-pinegrass	ABLA/VASC-CARU
732	subalpine fir/grouse whortleberry-grouse whortleberry	ABLA/VASC-VASC
733	subalpine fir/grouse whortleberry-western meadow-rue	ABLA/VASC/THOC
740	subalpine fir/Sitka alder	ABLA/ALVIS
750	subalpine fir/pinegrass	ABLA/CARU
770	subalpine fir/rock clematis	ABLA/CLCOC2
780	subalpine fir/heartleaf arnica	ABLA/ARCO9
790	subalpine fir/Geyer's sedge	ABLA/CAGE2
791	subalpine fir/Geyer's sedge-Geyer's sedge	ABLA/CAGE2-CAGE2
792	subalpine fir/Geyer's sedge-Douglas-fir	ABLA/CAGE2-PSME
800	subalpine fir (upper subalpine)	ABLA
810	subalpine fir/gooseberry currant	ABLA/RIMO2
820	subalpine fir-whitebark pine/grouse whortleberry	ABLA-PIAL/VASC
830	subalpine fir/Hitchcock's smooth woodrush	ABLA/LUGLH
831	subalpine fir/Hitchcock's smooth woodrush-grouse whortleberry	ABLA/LUGLH-VASC
832	subalpine fir/Hitchcock's smooth woodrush-rusty menziesia	ABLA/LUGLH-MEFE
840	mountain hemlock/Hitchcock's smooth woodrush	TSME/LUGLH
841	mountain hemlock/Hitchcock's smooth woodrush-grouse whortleberry	TSME/LUGLH-VASC
842	mountain hemlock/Hitchcock's smooth woodrush-rusty menziesia	TSME/LUGLH-MEFE
850	whitebark pine-subalpine fir	PIAL-ABLA
860	subalpine larch-subalpine fir	LALY-ABLA
870	whitebark pine	PIAL
890	subalpine fir (timberline)	ABLA
900	lodgepole pine	PICO
910	lodgepole pine/antelope bitterbrush	PICO/PUTR2
920	lodgepole pine/dwarf bilberry	PICO/VACA13
925	lodgepole pine/common beargrass	PICO/XETE
930	lodgepole pine/twinflower	PICO/LIBO3
940	lodgepole pine/grouse whortleberry	PICO/VASC
950	lodgepole pine/pinegrass	PICO/CARU

NRV_PV_COVER_TYPES (CONT.)

Reference Code 201

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
001	white fir series	ABCO
00101	white fir-Douglas-fir/Rocky Mountain maple	ABCO-PSME/ACGL
001010	white fir-Douglas-fir/Rocky Mountain maple-Rocky Mountain maple	ABCO-PSME/ACGL-ACGL
001011	white fir-Douglas-fir/Rocky Mountain maple-creeping barberry	ABCO-PSME/ACGL-MARE11
001012	white fir-Douglas-fir/Rocky Mountain maple-rockspirea	ABCO-PSME/ACGL-HODU
001013	white fir-Douglas-fir/Rocky Mountain maple-thinleaf alder	ABCO-PSME/ACGL-ALINT
00102	white fir-Douglas-fir (sparse undergrowth)	ABCO-PSME (sparse)
00103	white fir-Douglas-fir/sprucefir fleabane	ABCO-PSME/EREX4
00104	white fir-Douglas-fir/Arizona fescue	ABCO-PSME/FEAR2
001040	white fir-Douglas-fir/Arizona fescue-Arizona fescue	ABCO-PSME/FEAR2-FEAR2
001041	white fir-Douglas-fir/Arizona fescue-Parry's oatgrass	ABCO-PSME/FEAR2-DAPA2
00105	white fir-Douglas-fir/Gambel oak	ABCO-PSME/QUGA
001050	white fir-Douglas-fir/Gambel oak-Gambel oak	ABCO-PSME/QUGA-QUGA
001052	white fir-Douglas-fir/Gambel oak/Arizona fescue	ABCO-PSME/QUGA/FEAR2
001053	white fir-Douglas-fir/Gambel oak/fragrant bedstraw	ABCO-PSME/QUGA/GATR3
001054	white fir-Douglas-fir/Gambel oak-Oregon boxleaf	ABCO-PSME/QUGA-PAMY
00109	white fir-Douglas-fir/kinnikinnick	ABCO-PSME/ARUV
00110	white fir-Douglas-fir/whortleberry	ABCO-PSME/VAMY2
00111	white fir-Douglas-fir/Saskatoon serviceberry	ABCO-PSME/AMAL2
00112	white fir-Douglas-fir/greenleaf manzanita	ABCO-PSME/ARPA6
00113	white fir-Douglas-fir/rockspirea	ABCO-PSME/HODU
00114	white fir-Douglas-fir/mountain snowberry	ABCO-PSME/SYOR2
00115	white fir-limber pine/Arizona fescue	ABCO-PIFL2/FEAR2
00116	white fir-Douglas-fir/common juniper	ABCO-PSME/JUCO6
00117	white fir-Douglas-fir/creeping barberry	ABCO-PSME/MARE11
001171	white fir-Douglas-fir/creeping barberry-common juniper	ABCO-PSME/MARE11-JUCO6
00118	white fir-Douglas-fir/mallow ninebark	ABCO-PSME/PHMA5
002	subalpine fir series	ABLA
00201	subalpine fir/Geyer's sedge	ABLA/CAGE2
00202	subalpine fir/Fendler's meadow-rue	ABLA/THFE
00203	subalpine fir/creeping barberry	ABLA/MARE11
003	subalpine fir-Engelmann spruce series	ABLA-PIEN
00301	subalpine fir-Engelmann spruce/red baneberry	ABLA-PIEN/ACRU2
00302	subalpine fir-Engelmann spruce/heartleaf arnica	ABLA-PIEN/ARCO9
003020	subalpine fir-Engelmann spruce/heartleaf arnica-heartleaf arnica	ABLA-PIEN/ARCO9-ARCO9
003021	subalpine fir-Engelmann spruce/heartleaf arnica-timber milkvetch	ABLA-PIEN/ARCO9-ASMI9
003022	subalpine fir-Engelmann spruce/heartleaf arnica-russet buffaloberry	ABLA-PIEN/ARCO9-SHCA

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
003023	subalpine fir-Engelmann spruce/heartleaf arnica/Engelmann spruce	ABLA-PIEN/ARCO9/PIEN
00303	subalpine fir-Engelmann spruce/broadleaf arnica	ABLA-PIEN/ARLA8
00304	subalpine fir-Engelmann spruce/creeping barberry	ABLA-PIEN/MARE11
003040	subalpine fir-Engelmann spruce/creeping barberry-creeping barberry	ABLA-PIEN/MARE11-MARE11
003041	subalpine fir-Engelmann spruce/creeping barberry-Oregon boxleaf	ABLA-PIEN/MARE11-PAMY
00305	subalpine fir-Engelmann spruce/bluejoint	ABLA-PIEN/CACA4
00306	subalpine fir-Engelmann spruce/tall fringed bluebells	ABLA-PIEN/MECI3
00307	subalpine fir-Engelmann spruce/Geyer's sedge	ABLA-PIEN/CAGE2
00308	subalpine fir-Engelmann spruce/sprucefir fleabane	ABLA-PIEN/EREX4
00309	subalpine fir-Engelmann spruce/common juniper	ABLA-PIEN/JUCO6
00310	subalpine fir-Engelmann spruce/twinflower	ABLA-PIEN/LIBO3
003100	subalpine fir-Engelmann spruce/twinflower-twinflower	ABLA-PIEN/LIBO3-LIBO3
003101	subalpine fir-Engelmann spruce/twinflower/grouse whortleberry	ABLA-PIEN/LIBO3/VASC
00311	subalpine fir-Engelmann spruce/moss species	ABLA-PIEN/2MOSS
00313	subalpine fir-Engelmann spruce/Oregon boxleaf	ABLA-PIEN/PAMY
003130	subalpine fir-Engelmann spruce/Oregon boxleaf-Oregon boxleaf	ABLA-PIEN/PAMY-PAMY
003131	subalpine fir-Engelmann spruce/Oregon boxleaf-Douglas-fir	ABLA-PIEN/PAMY-PSME
003132	subalpine fir-Engelmann spruce/Oregon boxleaf-gooseberry currant	ABLA-PIEN/PAMY-RIMO2
00315	subalpine fir-Engelmann spruce/Wheeler bluegrass	ABLA-PIEN/PONE2
00316	subalpine fir-Engelmann spruce/arrowleaf ragwort	ABLA-PIEN/SETR
00318	subalpine fir-Engelmann spruce/western meadow-rue	ABLA-PIEN/THOC
00319	subalpine fir-Engelmann spruce/thinleaf huckleberry	ABLA-PIEN/VAME
003190	subalpine fir-Engelmann spruce/thinleaf huckleberry-thinleaf huckleberry	ABLA-PIEN/VAME-VAME
003191	subalpine fir-Engelmann spruce/thinleaf huckleberry-grouse whortleberry	ABLA-PIEN/VAME-VASC
00320	subalpine fir-Engelmann spruce/whortleberry	ABLA-PIEN/VAMY2
003200	subalpine fir-Engelmann spruce/whortleberry-whortleberry	ABLA-PIEN/VAMY2-VAMY2
003201	subalpine fir-Engelmann spruce/whortleberry/Jacob's-ladder	ABLA-PIEN/VAMY2/POPU3
00321	subalpine fir-Engelmann spruce/grouse whortleberry	ABLA-PIEN/VASC
003210	subalpine fir-Engelmann spruce/grouse whortleberry-grouse whortleberry	ABLA-PIEN/VASC-VASC
003211	subalpine fir-Engelmann spruce/grouse whortleberry/whitebark pine	ABLA-PIEN/VASC/PIAL
003212	subalpine fir-Engelmann spruce/grouse whortleberry/Jacob's-ladder	ABLA-PIEN/VASC/POPU3
003213	subalpine fir-Engelmann spruce/grouse whortleberry/Geyer's sedge	ABLA-PIEN/VASC/CAGE2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
003216	subalpine fir-Engelmann spruce/grouse whortleberry-russet buffaloberry	ABLA-PIEN/VASC-SHCA
003217	subalpine fir-Engelmann spruce/grouse whortleberry/heartleaf arnica	ABLA-PIEN/VASC/ARCO9
00322	subalpine fir-Engelmann spruce/currant	ABLA-PIEN/RIBES
003220	subalpine fir-Engelmann spruce/currant-currant	ABLA-PIEN/RIBES-RIBES
003221	subalpine fir-Engelmann spruce/currant/Fendler's meadow-rue	ABLA-PIEN/RIBES/THFE
00323	subalpine fir-Engelmann spruce/grayleaf willow	ABLA-PIEN/SAGL
00324	subalpine fir-Engelmann spruce/thimbleberry	ABLA-PIEN/RUPA
003240	subalpine fir-Engelmann spruce/thimbleberry-thimbleberry	ABLA-PIEN/RUPA-RUPA
003241	subalpine fir-Engelmann spruce/thimbleberry-grouse whortleberry	ABLA-PIEN/RUPA-VASC
00325	subalpine fir-Engelmann spruce/white spirea	ABLA-PIEN/SPBE2
00326	subalpine fir-Engelmann spruce/Ross sedge	ABLA-PIEN/CARO5
00327	subalpine fir-Engelmann spruce/Rocky Mountain maple	ABLA-PIEN/ACGL
00328	subalpine fir-Engelmann spruce/pinegrass	ABLA-PIEN/CARU
003280	subalpine fir-Engelmann spruce/pinegrass-pinegrass	ABLA-PIEN/CARU-CARU
003281	subalpine fir-Engelmann spruce/pinegrass-Oregon boxleaf	ABLA-PIEN/CARU-PAMY
00329	subalpine fir-Engelmann spruce/dwarf bilberry	ABLA-PIEN/VACA13
00330	subalpine fir-Douglas-fir/mallow ninebark	ABLA-PSME/PHMA5
004	Engelmann spruce series	PIEN
00401	Engelmann spruce/heartleaf arnica	PIEN/ARCO9
00402	Engelmann spruce/white marsh marigold	PIEN/CALE4
00403	Engelmann spruce/softleaf sedge	PIEN/CADI6
00405	Engelmann spruce-blue spruce/fragrant bedstraw	PIEN-PIPU/GATR3
00406	Engelmann spruce/moss	PIEN/2MOSS
00407	Engelmann spruce/common juniper	PIEN/JUCO6
00408	Engelmann spruce/twinflower	PIEN/LIBO3
00409	Engelmann spruce/mallow ninebark	PIEN/PHMA5
00413	Engelmann spruce/alpine clover	PIEN/TRDA2
00414	Engelmann spruce/grouse whortleberry	PIEN/VASC
004140	Engelmann spruce/grouse whortleberry-grouse whortleberry	PIEN/VASC-VASC
004141	Engelmann spruce/grouse whortleberry/American bistort	PIEN/VASC/POBI6
004142	Engelmann spruce/grouse whortleberry/silvery lupine	PIEN/VASC/LUAR3
004145	Engelmann spruce/grouse whortleberry/Jacob's-ladder	PIEN/VASC/POPU3
00415	Engelmann spruce/whortleberry	PIEN/VAMY2
004150	Engelmann spruce/whortleberry-whortleberry	PIEN/VAMY2-VAMY2
004151	Engelmann spruce/whortleberry/Jacob's-ladder	PIEN/VAMY2/POPU3
00416	Engelmann spruce/Thurber's fescue	PIEN/FETH
00417	Engelmann spruce-Douglas-fir/common juniper	PIEN-PSME/JUCO6
00418	Engelmann spruce/dwarf bilberry	PIEN/VACA13
005	white spruce series	PIGL

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
00501	white spruce/Peck's sedge	PIGL/CAPE11
00502	white spruce/common juniper	PIGL/JUCO6
00503	white spruce/twinflower	PIGL/LIBO3
005030	white spruce/twinflower-twinflower	PIGL/LIBO3-LIBO3
005031	white spruce/twinflower-grouse whortleberry	PIGL/LIBO3-VASC
005032	white spruce/twinflower-white spirea	PIGL/LIBO3-SPBE2
006	bluespruce series	PIPU
00601	blue spruce/Saskatoon serviceberry-redosier dogwood	PIPU/AMAL2-COSES
006010	blue spruce/Saskatoon serviceberry-redosier dogwood/Saskatoon serviceberry	PIPU/AMAL2-COSES/AMAL2
006011	blue spruce/Saskatoon serviceberry-redosier dogwood/redosier dogwood	PIPU/AMAL2-COSES/COSES
00602	blue spruce/heartleaf arnica	PIPU/ARCO9
00603	blue spruce/bluegrass	PIPU/POA
00604	blue spruce-Douglas-fir/twinflower	PIPU-PSME/LIBO3
006040	blue spruce-Douglas-fir/twinflower-twinflower	PIPU-PSME/LIBO3-LIBO3
006043	blue spruce-Douglas-fir/twinflower-common juniper	PIPU-PSME/LIBO3-JUCO6
00605	blue spruce/thinleaf alder	PIPU/ALINT
00606	blue spruce-Douglas-fir/dryspike sedge	PIPU-PSME/CAFO3
00607	blue spruce-Douglas-fir/sprucefir fleabane	PIPU-PSME/EREX4
00608	blue spruce-Douglas-fir/kinnikinnick	PIPU-PSME/ARUV
00609	blue spruce-Douglas-fir/Arizona fescue	PIPU-PSME/FEAR2
006090	blue spruce-Douglas-fir/Arizona fescue-Arizona fescue	PIPU-PSME/FEAR2-FEAR2
006091	blue spruce-Douglas-fir/Arizona fescue-Parry's oatgrass	PIPU-PSME/FEAR2-DAPA2
00610	blue spruce-Douglas-fir/creeping barberry	PIPU-PSME/MARE11
00611	blue spruce-Engelmann spruce/field horsetail	PIPU-PIEN/EQAR
00612	blue spruce-Douglas-fir/common juniper	PIPU-PSME/JUCO6
006120	blue spruce-Douglas-fir/common juniper-common juniper	PIPU-PSME/JUCO6-JUCO6
006121	blue spruce-Douglas-fir/common juniper/Geyer's sedge	PIPU-PSME-JUCO6/CAGE2
007	whitebark pine series	PIAL
00701	whitebark pine/Geyer's sedge	PIAL/CAGE2
007010	whitebark pine/Geyer's sedge-Geyer's sedge	PIAL/CAGE2-CAGE2
007011	whitebark pine/Geyer's sedge/lodgepole pine	PIAL/CAGE2/PICO
00702	whitebark pine/Ross' sedge	PIAL/CAR05
007020	whitebark pine/Ross' sedge-Ross' sedge	PIAL/CAR05-CAR05
007021	whitebark pine/Ross' sedge/lodgepole pine	PIAL/CAR05/PICO
00703	whitebark pine-limber pine/varileaf cinquefoil	PIAL-PIFL2/PODI2
00704	whitebark pine/Idaho fescue	PIAL/FEID
00705	whitebark pine/common juniper	PIAL/JUCO6
007050	whitebark pine/common juniper-common juniper	PIAL/JUCO6-JUCO6
007051	whitebark pine/common juniper/russet buffaloberry	PIAL/JUCO6/SHCA
00706	whitebark pine/grouse whortleberry	PIAL/VASC
008	bristlecone pine series	PIAR
00801	bristlecone pine/Thurber's fescue	PIAR/FETH

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
00802	bristlecone pine/Arizona fescue	PIAR/FEAR2
00803	bristlecone pine/alpine clover	PIAR/TRDA2
00804	bristlecone pine/gooseberry currant	PIAR/RIMO2
00805	bristlecone pine/common juniper	PIAR/JUCO6
009	lodgepole pine series	PICO
00901	lodgepole pine/kinnikinnick	PICO/ARUV
00903	lodgepole pine/Geyer's sedge	PICO/CAGE2
009030	lodgepole pine/Geyer's sedge-Geyer's sedge	PICO/CAGE2-CAGE2
009031	lodgepole pine/Geyer's sedge/Oregon boxleaf	PICO/CAGE2/PAMY
00905	lodgepole pine/common juniper	PICO/JUCO6
00907	lodgepole pine/Wheeler bluegrass	PICO/PONE2
00908	lodgepole pine/russet buffaloberry	PICO/SHCA
009080	lodgepole pine/russet buffaloberry-russet buffaloberry	PICO/SHCA-SHCA
009081	lodgepole pine/russet buffaloberry/Oregon boxleaf	PICO/SHCA/PAMY
00909	lodgepole pine/whortleberry	PICO/VAMY2
00910	lodgepole pine/grouse whortleberry	PICO/VASC
00911	lodgepole pine/Ross' sedge	PICO/CAR05
00912	lodgepole pine/dwarf bilberry	PICO/VACA13
010	limber pine series	PIFL2
01001	limber pine/bluebunch wheatgrass	PIFL2/PSSPS
01002	limber pine/purple reedgrass	PIFL2/CAPU
01003	limber pine/Idaho fescue	PIFL2/FEID
01004	limber pine/spike fescue	PIFL2/LEKI2
010040	limber pine/spike fescue-spike fescue	PIFL2/LEKI2-LEKI2
010041	limber pine/spike fescue/cutleaf anemone	PIFL2/LEKI2/PUPAM
010042	limber pine/spike fescue-prairie Junegrass	PIFL2/LEKI2-KOMA
01005	limber pine/common juniper	PIFL2/JUCO6
01006	limber pine/alpine clover	PIFL2/TRDA2
01007	limber pine/curl-leaf mountain mahogany	PIFL2/CELE3
01008	limber pine/creeping juniper	PIFL2/JUH02
01009	limber pine/Thurber's fescue	PIFL2/FETH
01010	limber pine/chokecherry	PIFL2/PRVIV
011	ponderosa pine series	PIPO
01101	ponderosa pine-Rocky Mountain juniper/bluebunch wheatgrass	PIPO-JUSC2/PSSPS
01102	ponderosa pine/little bluestem-western wheatgrass	PIPO/SCSC-PASM
01103	ponderosa pine-juniper/blue grama	PIPO-JUNIP/BOGR2
01104	ponderosa pine/sideoats grama	PIPO/BOCU
01105	ponderosa pine/Geyer's sedge	PIPO/CAGE2
011050	ponderosa pine/Geyer's sedge-Geyer's sedge	PIPO/CAGE2-CAGE2
011051	ponderosa pine/Geyer's sedge/silvery lupine	PIPO/CAGE2/LUAR3
011052	ponderosa pine/Geyer's sedge/spearleaf stonecrop	PIPO/CAGE2/SELA
01106	ponderosa pine/Ross' sedge	PIPO/CAR05
01107	ponderosa pine/alderleaf mountain mahogany	PIPO/CEMO2
01108	ponderosa pine/timber oatgrass	PIPO/DAIN

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
01109	ponderosa pine/Arizona fescue	PIPO/FEAR2
011090	ponderosa pine/Arizona fescue-Arizona fescue	PIPO/FEAR2-FEAR2
011091	ponderosa pine/Arizona fescue-Parry's oatgrass	PIPO/FEAR2-DAPA2
011092	ponderosa pine/Arizona fescue-blue grama	PIPO/FEAR2-BOGR2
01110	ponderosa pine/Idaho fescue	PIPO/FEID
011100	ponderosa pine/Idaho fescue-Idaho fescue	PIPO/FEID-FEID
011101	ponderosa pine/Idaho fescue/greenleaf manzanita	PIPO/FEID/ARPA6
01111	ponderosa pine/spike fescue	PIPO/LEKI2
01112	ponderosa pine/common juniper	PIPO/JUC06
01113	ponderosa pine/common juniper-common snowberry	PIPO/JUC06-SYAL
01115	ponderosa pine-Rocky Mountain juniper/alderleaf mountain mahogany	PIPO-JUSC2/CEM02
01117	ponderosa pine-Douglas-fir/mountain muhly	PIPO-PSME/MUM0
011170	ponderosa pine-Douglas-fir/mountain muhly-mountain muhly	PIPO-PSME/MUM0-MUM0
011171	ponderosa pine-Douglas-fir/mountain muhly/Fendler's ceanothus	PIPO-PSME/MUM0/CEFE
011172	ponderosa pine-Douglas-fir/mountain muhly/streambank wheatgrass	PIPO-PSME/MUM0/ELLAL
01118	ponderosa pine/twoneedle pinyon-Gambel oak	PIPO/PIED-QUGA
01119	ponderosa pine/mountain ninebark	PIPO/PHM04
01120	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
01121	ponderosa pine/Gambel oak	PIPO/QUGA
011210	ponderosa pine/Gambel oak-Gambel oak	PIPO/QUGA-QUGA
011211	ponderosa pine/Gambel oak/Arizona fescue	PIPO/QUGA/FEAR2
011214	ponderosa pine/Gambel oak/common snowberry	PIPO/QUGA/SYAL
011215	ponderosa pine/Gambel oak/boxelder	PIPO/QUGA/ACNE2
01122	ponderosa pine/chokecherry	PIPO/PRVIV
011220	ponderosa pine/chokecherry-chokecherry	PIPO/PRVIV-PRVIV
011221	ponderosa pine/chokecherry/dryspike sedge	PIPO/PRVIV/CAFO3
011222	ponderosa pine/chokecherry-Saskatoon serviceberry	PIPO/PRVIV-AMAL2
011224	ponderosa pine/chokecherry-creeping barberry	PIPO/PRVIV-MARE11
011225	ponderosa pine/chokecherry-bur oak	PIPO/PRVIV-QUMA2
011226	ponderosa pine/chokecherry/big bluestem	PIPO/PRVIV/ANGE
01123	ponderosa pine/white spirea	PIPO/SPBE2
01124	ponderosa pine/common snowberry	PIPO/SYAL
011240	ponderosa pine/common snowberry-common snowberry	PIPO/SYAL-SYAL
011242	ponderosa pine/common snowberry/roughleaf ricegrass	PIPO/SYAL/ORAS
011243	ponderosa pine/common snowberry/creeping barberry	PIPO/SYAL/MARE11
01125	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
011250	ponderosa pine/bluebunch wheatgrass-bluebunch wheatgrass	PIPO/PSSPS-PSSPS
011251	ponderosa pine/bluebunch wheatgrass/big sagebrush	PIPO/PSSPS/ARTR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
01126	ponderosa pine/sun sedge	PIPO/CAINH2
01127	ponderosa pine/blue grama	PIPO/BOGR2
011270	ponderosa pine/blue grama-blue grama	PIPO/BOGR2-BOGR2
011272	ponderosa pine/blue grama-sand bluestem	PIPO/BOGR2-ANHA
011273	ponderosa pine/blue grama/big sagebrush	PIPO/BOGR2/ARTR2
011274	ponderosa pine/blue grama/twoneedle pinyon	PIPO/BOGR2/PIED
01128	ponderosa pine/little bluestem	PIPO/SCSC
011280	ponderosa pine/little bluestem-little bluestem	PIPO/SCSC-SCSC
011281	ponderosa pine/little bluestem/wavyleaf oak	PIPO/SCSC/QUPA4
01129	ponderosa pine/greenleaf manzanita	PIPO/ARPA6
011290	ponderosa pine/greenleaf manzanita-greenleaf manzanita	PIPO/ARPA6-ARPA6
011291	ponderosa pine/greenleaf manzanita-alderleaf mountain mahogany	PIPO/ARPA6-CEM02
01131	ponderosa pine/black sagebrush	PIPO/ARNO4
01132	ponderosa pine/curl-leaf mountain mahogany	PIPO/CELE3
01140	ponderosa pine/kinnikinnick	PIPO/ARUV
01150	ponderosa pine-Rocky Mountain juniper/western snowberry	PIPO-JUSC2/SYOC
01151	ponderosa pine/bur oak	PIPO/QUMA2
012	Douglas-fir series	PSME
01201	Douglas-fir/Rocky Mountain maple	PSME/ACGL
012010	Douglas-fir/Rocky Mountain maple-Rocky Mountain maple	PSME/ACGL-ACGL
012011	Douglas-fir/Rocky Mountain maple/Oregon boxleaf	PSME/ACGL/PAMY
012012	Douglas-fir/Rocky Mountain maple/mountain snowberry	PSME/ACGL/SYOR2
01202	Douglas-fir/heartleaf arnica	PSME/ARCO9
012020	Douglas-fir/heartleaf arnica-heartleaf arnica	PSME/ARCO9-ARCO9
012021	Douglas-fir/heartleaf arnica/timber milkvetch	PSME/ARCO9/ASMI9
01203	Douglas-fir/creeping barberry	PSME/MARE11
012030	Douglas-fir/creeping barberry-creeping barberry	PSME/MARE11-MARE11
012032	Douglas-fir/creeping barberry-common juniper	PSME/MARE11-JUCO6
01204	Douglas-fir/Ross' sedge	PSME/CARO5
01205	Douglas-fir/pinegrass	PSME/CARU
012050	Douglas-fir/pinegrass-pinegrass	PSME/CARU-CARU
012051	Douglas-fir/pinegrass/Oregon boxleaf	PSME/CARU/PAMY
012052	Douglas-fir/pinegrass-Idaho fescue	PSME/CARU-FEID
012053	Douglas-fir/pinegrass/ponderosa pine	PSME/CARU/PIPO
01206	Douglas-fir/Geyer's sedge	PSME/CAGE2
01207	Douglas-fir/alderleaf mountain mahogany	PSME/CEM02
01208	Douglas-fir/Idaho fescue	PSME/FEID
01209	Douglas-fir/fivepetal cliffbush	PSME/JAAM
01210	Douglas-fir/common juniper	PSME/JUCO6
01211	Douglas-fir/Oregon boxleaf	PSME/PAMY
01212	Douglas-fir/mallow ninebark	PSME/PHMA5

01213	Douglas-fir/mountain ninebark	PSME/PHM04
01214	Douglas-fir/Gambel oak	PSME/QUGA
012140	Douglas-fir/Gambel oak-Gambel oak	PSME/QUGA-QUGA
012141	Douglas-fir/Gambel oak/Arizona fescue	PSME/QUGA/FEAR2
01215	Douglas-fir/white spirea	PSME/SPBE2
012150	Douglas-fir/white spirea-white spirea	PSME/SPBE2-SPBE2
012151	Douglas-fir/white spirea/pinegrass	PSME/SPBE2/CARU
012153	Douglas-fir/white spirea/ponderosa pine	PSME/SPBE2/PIPO
01216	Douglas-fir/common snowberry	PSME/SYAL
01217	Douglas-fir/mountain snowberry	PSME/SYOR2
012170	Douglas-fir/mountain snowberry-mountain snowberry	PSME/SYOR2-SYOR2
012171	Douglas-fir/mountain snowberry-creeping barberry	PSME/SYOR2-MARE11
012172	Douglas-fir/mountain snowberry/Geyer's sedge	PSME/SYOR2/CAGE2
012173	Douglas-fir/mountain snowberry/spike fescue	PSME/SYOR2/LEK12
012174	Douglas-fir/mountain snowberry/bluebunch wheatgrass	PSME/SYOR2/PSSPS
01218	Douglas-fir/thinleaf huckleberry	PSME/VAME
01219	Douglas-fir/kinnikinnick-common juniper	PSME/ARUV-JUCO6
01220	Douglas-fir/greenleaf manzanita	PSME/ARPA6
01221	Douglas-fir/antelope bitterbrush	PSME/PUTR2
01222	Douglas-fir/Saskatoon serviceberry	PSME/AMAL2
01223	Douglas-fir/curl-leaf mountain mahogany	PSME/CELE3
01233	Douglas-fir/Arizona fescue	PSME/FEAR2
01241	Douglas-fir/oceanspray	PSME/HODI
102	hophornbeam series	OSVI
10202	hophornbeam/fleshy hawthorn	OSVI/CRSU5
10203	hophornbeam-bur oak (sparse understory)	OSVI/QUMA2
103	narrowleaf cottonwood	POAN3
10301	narrowleaf cottonwood/Saskatoon serviceberry	POAN3/AMAL2
103010	narrowleaf cottonwood/Saskatoon serviceberry-Saskatoon serviceberry	POAN3/AMAL2-AMAL2
103011	narrowleaf cottonwood/Saskatoon serviceberry-boxelder	POAN3/AMAL2-ACNE2
10302	narrowleaf cottonwood/narrowleaf willow-water birch	POAN3/SAEX/BEOC2
10303	narrowleaf cottonwood/water birch-currant	POAN3/BEOC2-RIBES
10304	narrowleaf cottonwood/mountain ninebark-chokecherry	POAN3/PHM04-PRVIV
10305	narrowleaf cottonwood-Engelmann spruce/twinberry honeysuckle	POAN3-PIEN/LOINI
10306	narrowleaf cottonwood/thinleaf alder-redosier dogwood	POAN3/ALINT-COSES
104	plains cottonwood series	PODEM
10401	plains cottonwood/western snowberry-basin wildrye	PODEM/SYOC-LECI4
104010	plains cottonwood/western snowberry-basin wildrye/western snowberry	PODEM/SYOC-LECI4/SYOC
104011	plains cottonwood/western snowberry-basin wildrye/redosier dogwood	PODEM/SYOC-LECI4/COSES
10402	plains cottonwood-narrowleaf cottonwood/willow	PODEM-POAN3/SALIX
10403	plains cottonwood/willow	PODEM/SALIX
10404	plains cottonwood/American black currant	PODEM/RIAM2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
10405	plains cottonwood/western snowberry-narrowleaf willow	PODEM/SYOC-SAEX
105	quaking aspen series	POTR5
10501	quaking aspen/Geyer's sedge	POTR5/CAGE2
10502	quaking aspen/beaked hazelnut	POTR5/COCO6
105020	quaking aspen/beaked hazelnut-beaked hazelnut	POTR5/COCO6-COCO6
105021	quaking aspen/beaked hazelnut/western brackenfern	POTR5/COCO6/PTAQ
105022	quaking aspen/beaked hazelnut/wild sarsaparilla	POTR5/COCO6/ARNU2
10503	quaking aspen/Thurber's fescue	POTR5/FETH
10504	quaking aspen/common cowparsnip	POTR5/HEMA80
10505	quaking aspen/Nevada pea	POTR5/LALAL3
10507	quaking aspen/silvery lupine	POTR5/LUAR3
10508	quaking aspen/common juniper	POTR5/JUCO6
10510	quaking aspen/western brackenfern	POTR5/PTAQ
10511	quaking aspen/mountain snowberry	POTR5/SYOR2
10512	quaking aspen/Fendler's meadow-rue	POTR5/THFE
105120	quaking aspen/Fendler's meadow-rue-Fendler's meadow-rue	POTR5/THFE-THFE
105121	quaking aspen/Fendler's meadow-rue-spreadfruit goldenbanner	POTR5/THFE-THDI4
105123	quaking aspen/Fendler's meadow-rue/stinging nettle	POTR5/THFE/URDI
10513	quaking aspen/Colorado false hellebore	POTR5/VETE4
10514	quaking aspen/big sagebrush	POTR5/ARTR2
10515	quaking aspen/Saskatoon serviceberry-chokecherry	POTR5/AMAL2-PRVIV
105150	quaking aspen/Saskatoon serviceberry-chokecherry-Saskatoon serviceberry	POTR5/AMAL2-PRVIV-AMAL2
105151	quaking aspen/Saskatoon serviceberry-chokecherry-Rocky Mountain maple	POTR5/AMAL2-PRVIV-ACGL
105152	quaking aspen/Saskatoon serviceberry-chokecherry-Gambel oak	POTR5/AMAL2-PRVIV-QUGA
105153	quaking aspen/Saskatoon serviceberry-chokecherry-Engelmann's aster	POTR5/AMAL2-PRVIV-EUEN
105154	quaking aspen/Saskatoon serviceberry-chokecherry/balsam poplar	POTR5/AMAL2-PRVIV/POBA2
10516	quaking aspen/snowbrush ceanothus	POTR5/CEVE
10517	quaking aspen/pinegrass	POTR5/CARU
10518	quaking aspen/licorice-root	POTR5/LIGUS
10519	quaking aspen/chokecherry	POTR5/PRVIV
105190	quaking aspen/chokecherry-chokecherry	POTR5/PRVIV-PRVIV
105191	quaking aspen/chokecherry-common snowberry	POTR5/PRVIV-SYAL
10520	quaking aspen/creeping barberry	POTR5/MARE11
10521	quaking aspen/kinnikinnick	POTR5/ARUV
10522	quaking aspen/Arizona fescue	POTR5/FEAR2
10523	quaking aspen/red elderberry	POTR5/SARA2
106	bur oak series	QUMA2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
10601	bur oak/western snowberry	QUMA2/SYOC
106010	bur oak/western snowberry-western snowberry	QUMA2/SYOC-SYOC
106011	bur oak/western snowberry-quaking aspen	QUMA2/SYOC-POTR5
10603	bur oak/hazelnut	QUMA2/CORYL
107	green ash series	FRPE
10701	green ash/western snowberry	FRPE/SYOC
107010	green ash/western snowberry-western snowberry	FRPE/SYOC-SYOC
107011	green ash/western snowberry/prairie sandreed	FRPE/SYOC/CALO
10702	green ash/chokecherry	FRPE/PRVIV
107020	green ash/chokecherry-chokecherry	FRPE/PRVIV-PRVIV
107021	green ash/chokecherry/Sprengel's sedge	FRPE/PRVIV/CASP7
108	paper birch series	BEPA
10801	paper birch/beaked hazelnut	BEPA/COC06
109	balsam poplar series	POBA2
10901	balsam poplar/redosier dogwood	POBA2/COSES
201	oneseed juniper series	JUMO
20101	oneseed juniper/sideoats grama	JUMO/BOCU
20102	oneseed juniper/blue grama	JUMO/BOGR2
20103	oneseed juniper/western wheatgrass	JUMO/PASM
202	Utah juniper series	JUOS
20201	Utah juniper-twoneedle pinyon/beardless wheatgrass	JUOS-PIED/PSSPI
20202	Utah juniper/big sagebrush	JUOS/ARTR2
20203	Utah juniper/alderleaf mountain mahogany-squaw-apple	JUOS/CEM02-PERA4
202030	Utah juniper/alderleaf mountain mahogany-squaw-apple-alderleaf mountain mahogany	JUOS/CEM02-PERA4-CEM02
202031	Utah juniper/alderleaf mountain mahogany-squaw-apple-Wyoming big sagebrush	JUOS/CEM02-PERA4-ARTRW8
20204	Utah juniper/Indian ricegrass	JUOS/ACHY
20205	Utah juniper/Fremont's mahonia	JUOS/MAFR3
20206	Utah juniper/saline wildrye	JUOS/LESA4
203	Rocky Mountain juniper series	JUSC2
20301	Rocky Mountain juniper/western wheatgrass	JUSC2/PASM
20302	Rocky Mountain juniper/big sagebrush	JUSC2/ARTR2
20303	Rocky Mountain juniper/bluebunch wheatgrass	JUSC2/PSSPS
20304	Rocky Mountain juniper/alderleaf mountain mahogany	JUSC2/CEM02
20306	Rocky Mountain juniper/antelope bitterbrush	JUSC2/PUTR2
20307	Rocky Mountain juniper/littleseed ricegrass	JUSC2/PIMI7
204	twoneedle pinyon series	PIED
20401	twoneedle pinyon-Utah juniper/big sagebrush	PIED-JUOS/ARTR2
204010	twoneedle pinyon-Utah juniper/big sagebrush-big sagebrush	PIED-JUOS/ARTR2-ARTR2
204011	twoneedle pinyon-Utah juniper/big sagebrush/blue grama	PIED-JUOS/ARTR2/BOGR2
20402	twoneedle pinyon/blue grama	PIED/BOGR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
20403	twoneedle pinyon-Utah juniper/Utah serviceberry-alderleaf mountain mahogany	PIED-JUOS/AMUT-CEM02
204030	twoneedle pinyon-Utah juniper/Utah serviceberry-alderleaf mountain mahogany-Utah serviceberry	PIED-JUOS/AMUT-CEM02-AMUT
204031	twoneedle pinyon-Utah juniper/Utah serviceberry-alderleaf mountain mahogany-greenleaf manzanita	PIED-JUOS/AMUT-CEM02-ARPA6
20404	twoneedle pinyon/Gambel oak	PIED/QUGA
20405	twoneedle pinyon-Utah juniper/antelope bitterbrush	PIED-JUOS/PUTR2
20406	twoneedle pinyon-Utah juniper/muttongrass	PIED-JUOS/POFE
20407	twoneedle pinyon-oneseed juniper/alderleaf mountain mahogany	PIED-JUM0/CEM02
20408	twoneedle pinyon-oneseed juniper/Columbia needlegrass	PIED-JUM0/ACNEN2
20409	twoneedle pinyon-Utah juniper/alderleaf mountain mahogany	PIED-JUOS/CEM02
204090	twoneedle pinyon-Utah juniper/alderleaf mountain mahogany-alderleaf mountain mahogany	PIED-JUOS/CEM02-CEM02
204091	twoneedle pinyon-Utah juniper/alderleaf mountain mahogany-Gambel oak	PIED-JUOS/CEM02-QUGA
20410	twoneedle pinyon/black sagebrush	PIED/ARNO4
301	serviceberry series	AMELA
30101	serviceberry/mountain snowberry-big sagebrush	AMELA/SYOR2-ARTR2
301011	serviceberry/mountain snowberry-big sagebrush/bluebunch wheatgrass	AMELA/SYOR2-ARTR2/PSSPS
301012	serviceberry/mountain snowberry-big sagebrush/Letterman's needlegrass	AMELA/SYOR2-ARTR2/ACLE9
301013	serviceberry/mountain snowberry-big sagebrush/Thurber's fescue	AMELA/SYOR2-ARTR2/FETH
30102	serviceberry/Geyer's sedge	AMELA/CAGE2
30103	Saskatoon serviceberry-switchgrass/American vetch	AMAL2-PAVI2/VIAM
30104	serviceberry-antelope bitterbrush/bluebunch wheatgrass	AMELA-PUTR2/PSSPS
302	silver sagebrush series	ARCA13
30201	silver sagebrush/western wheatgrass	ARCA13/PASM
302011	silver sagebrush/western wheatgrass/green needlegrass	ARCA13/PASM/NAVI4
30202	silver sagebrush/Idaho fescue	ARCA13/FEID
30203	silver sagebrush/Thurber's fescue	ARCA13/FETH
30204	silver sagebrush-western snowberry/western wheatgrass	ARCA13-SYOC/PASM
303	sand sagebrush series	ARFI2
30301	sand sagebrush/sand bluestem	ARFI2/ANHA
30302	sand sagebrush/sand dropseed-blue grama	ARFI2/SPCR-BOGR2
304	little sagebrush series	ARAR8
30401	little sagebrush/bluebunch wheatgrass	ARAR8/PSSPS
30403	little sagebrush/Idaho fescue	ARAR8/FEID

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
305	big sagebrush series	ARTR2
30502	big sagebrush/bluebunch wheatgrass	ARTR2/PSSPS
30503	big sagebrush/rubber rabbitbrush	ARTR2/ERNAN5
30504	big sagebrush/Colorado wildrye	ARTR2/LEAM
30505	big sagebrush/basin wildrye	ARTR2/LECI4
30506	big sagebrush/Idaho fescue	ARTR2/FEID
305061	big sagebrush/Idaho fescue/sticky purple geranium	ARTR2/FEID/GEV12
30507	big sagebrush/Thurber's fescue	ARTR2/FETH
30508	big sagebrush/spike fescue	ARTR2/LEKI2
30509	big sagebrush-antelope bitterbrush/streambank wheatgrass	ARTR2-PUTR2/ELLAL
30510	big sagebrush/Indian ricegrass	ARTR2/ACHY
305101	big sagebrush/Indian ricegrass-mountain snowberry	ARTR2/ACHY-SYOR2
30511	big sagebrush/Letterman's needlegrass	ARTR2/ACLE9
30512	big sagebrush/needle and thread	ARTR2/HECOC8
30514	big sagebrush-antelope bitterbrush/western wheatgrass	ARTR2-PUTR2/PASM
30515	big sagebrush-yellow rabbitbrush/lupine	ARTR2-CHVI8/LUPIN
305170	big sagebrush/western wheatgrass	ARTR2/PASM
305171	big sagebrush/plains muhly	ARTR2/MUCU3
305172	big sagebrush/blue grama	ARTR2/BOGR2
30518	big sagebrush-mountain snowberry/basin wildrye	ARTR2-SYOR2/LECI4
30519	big sagebrush/sand dropseed	ARTR2/SPCR
305190	big sagebrush/blue grama	ARTR2/BOGR2
305191	big sagebrush/James' galleta	ARTR2/PLJA
306	threetip sagebrush series	ARTR4
30601	threetip sagebrush/Idaho fescue	ARTR4/FEID
30603	threetip sagebrush/Sandberg bluegrass	ARTR4/POSE
30604	threetip sagebrush/needle and thread	ARTR4/HECOC8
307	curl-leaf mountain mahogany series	CELE3
30701	curl-leaf mountain mahogany/bluebunch wheatgrass	CELE3/PSSPS
308	alderleaf mountain mahogany series	CEM02
30801	alderleaf mountain mahogany/streambank wheatgrass	CEM02/ELLAL
30802	alderleaf mountain mahogany/bluebunch wheatgrass	CEM02/PSSPS
30803	alderleaf mountain mahogany/Idaho fescue	CEM02/FEID
30804	alderleaf mountain mahogany-skunkbush sumac/sideoats grama	CEM02-RHTR/BOCU
30805	alderleaf mountain mahogany/needle and thread	CEM02/HECOC8
308051	alderleaf mountain mahogany/needle and thread/skunkbush sumac	CEM02/HECOC8/RHTRT
30806	alderleaf mountain mahogany/Letterman's needlegrass	CEM02/ACLE9
30807	alderleaf mountain mahogany/mountain muhly	CEM02/MUM0
30808	alderleaf mountain mahogany-skunkbush sumac/big bluestem	CEM02-RHTR/ANGE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
310	eightpetal mountain-avens series	DROC
31002	eightpetal mountain-avens/pinegrass	DROC/CARU
310021	eightpetal mountain-avens/pinegrass/mountain stitchwort	DROC/CARU/MIBI9
31003	eightpetal mountain-avens/snow willow	DROC/SANI8
311	shrubby cinquefoil series	DAFL3
31101	shrubby cinquefoil/Idaho fescue	DAFL3/FEID
31102	shrubby cinquefoil/Thurber's fescue	DAFL3/FETH
31103	shrubby cinquefoil/Altai fescue	DAFL3/FEAL
31104	shrubby cinquefoil/tufted hairgrass	DAFL3/DECA18
31105	shrubby cinquefoil/matted saxifrage	DAFL3/SABRA2
312	antelope bitterbrush series	PUTR2
31201	antelope bitterbrush-big sagebrush/Idaho fescue	PUTR2-ARTR2/FEID
31202	antelope bitterbrush/mountain muhly	PUTR2/MUMO
31203	antelope bitterbrush/needle and thread	PUTR2/HECOC8
31204	antelope bitterbrush/bluebunch wheatgrass	PUTR2/PSSPS
31205	antelope bitterbrush-big sagebrush/bluebunch wheatgrass	PUTR2-ARTR2/PSSPS
313	Gambel oak series	QUGA
31301	Gambel oak/Saskatoon serviceberry	QUGA/AMAL2
313011	Gambel oak/Saskatoon serviceberry/creeping barberry	QUGA/AMAL2/MARE11
31302	Gambel oak/Utah serviceberry	QUGA/AMUT
31303	Gambel oak/alderleaf mountain mahogany	QUGA/CEMO2
31304	Gambel oak-chokecherry/Oregon boxleaf	QUGA-PRVIV/PAMY
313043	Gambel oak-chokecherry/Oregon boxleaf/redosier dogwood	QUGA-PRVIV/PAMY/COSES
31305	Gambel oak/mountain snowberry	QUGA/SYOR2
313050	Gambel oak/mountain snowberry-mountain snowberry	QUGA/SYOR2-SYOR2
313054	Gambel oak/mountain snowberry/alderleaf mountain mahogany	QUGA/SYOR2/CEMO2
313055	Gambel oak/mountain snowberry/big sagebrush	QUGA/SYOR2/ARTR2
31306	Gambel oak/sun sedge	QUGA/CAINH2
31307	Gambel oak-chokecherry/Thurber's fescue	QUGA-PRVIV/FETH
314	willow series	SALIX
31401	diamondleaf willow/white marsh marigold	SAPL2/CALE4
31402	Geyer's willow-strapleaf willow/bluejoint	SAGE2-SALI/CACA4
314021	Geyer's willow-strapleaf willow/bluejoint/tufted hairgrass	SAGE2-SALI/CACA4/DECA18
31404	meadow willow/eastern marsh fern	SAPE5/THPA
31405	diamondleaf willow/water sedge	SAPL2/CAAQ
314051	diamondleaf willow/water sedge/tufted hairgrass	SAPL2/CAAQ/DECA18
31406	diamondleaf willow/mountain sedge	SAPL2/CASC12
31408	grayleaf willow-shortfruit willow/tufted hairgrass	SAGL-SABR/DECA18
314081	grayleaf willow-shortfruit willow/tufted hairgrass/Jacob's-ladder	SAGL-SABR/DECA18/POPU3
31409	grayleaf willow-strapleaf willow/sedge	SAGL-SALI/CAREX

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
31411	peachleaf willow-diamondleaf willow/white panicle aster	SAAM2-SAPL2/SYLAH6
31412	strapleaf willow-willow/bluegrass	SAEX-SALIX/POA
31413	Geyer's willow-willow/Northwest Territory sedge	SAGE2-SALIX/CAUT
31414	diamondleaf willow/tufted hairgrass	SAPL2/DECA18
31415	grayleaf willow/Ross' avens	SAGL/GEROT
31416	Geyer's willow/fowl bluegrass	SAGE2/POPA2
31417	Booth's willow-willow/Northwest Territory sedge	SABO2-SALIX/CAUT
31418	Booth's willow-willow/bluejoint	SABO2-SALIX/CACA4
31419	Wolf's willow/water sedge	SAWO/CAAQ
31420	Wolf's willow/Northwest Territory sedge	SAWO/CAUT
31421	Wolf's willow/bluejoint	SAWO/CACA4
31422	Wolf's willow/tufted hairgrass	SAWO/DECA18
31423	Wolf's willow/Virginia strawberry	SAWO/FRV1
31424	narrowleaf willow-willow/bluejoint-field horsetail	SAEX-SALIX/CACA4-EQAR
31425	yellow willow/field horsetail	SALU2/EQAR
31426	Drummond's willow/bluejoint	SADR/CACA4
31427	sageleaf willow-willow/water sedge	SACA4-SALIX/CAAQ
315	greasewood series	SAVE4
31501	greasewood-big sagebrush/western wheatgrass	SAVE4-ARTR2/PASM
31502	greasewood-Gardner's saltbrush/Sandberg bluegrass	SAVE4-ATGA/POSE
31504	greasewood/alkali sacaton	SAVE4/SPAI
31505	greasewood/basin wildrye	SAVE4/LECI4
31506	greasewood/bluebunch wheatgrass	SAVE4/PSSPS
31507	greasewood-shadscale saltbrush/slender wheatgrass	SAVE4-ATCO/ELTR7
316	mountain snowberry series	SYOR2
31601	mountain snowberry/Thurber's fescue	SYOR2/FETH
317	black sagebrush series	ARNO4
31701	black sagebrush/bluebunch wheatgrass	ARNO4/PSSPS
31702	black sagebrush/arrowleaf balsamroot	ARNO4/BASA3
318	little sagebrush series	ARARL
31801	little sagebrush/western wheatgrass	ARARL/PASM
31802	little sagebrush/bluebunch wheatgrass	ARARL/PSSPS
319	skunkbush sumac series	RHTRT
31901	skunkbush sumac/bluebunch wheatgrass	RHTRT/PSSPS
319011	skunkbush sumac/bluebunch wheatgrass-Idaho fescue	RHTRT/PSSPS-FEID
31902	skunkbush sumac/sand dropseed	RHTRT/SPCR
31903	skunkbush sumac/threadleaf sedge	RHTRT/CAFI
31904	skunkbush sumac/mountain muhly	RHTRT/MUMO
320	currant series	RIBES
32001	wax currant/Colorado blue columbine	RICE/AQCA2
32002	gooseberry currant/Jacob's-ladder	RIM02/POPU3
32003	gooseberry currant/Idaho fescue	RIM02/FEID
321	blackberry series	RUBUS
32101	grayleaf red raspberry/Colorado blue columbine	RUIDS2/AQCA2
32102	grayleaf red raspberry/littleflower alumroot	RUIDS2/HEPA10

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
322	blueberry series	VACCI
32201	grouse whortleberry-dwarf bilberry/mountain stitchwort	VASC-VACA13/MIBI9
32202	dwarf bilberry/pine dropseed	VACA13/BLTR
323	thinleaf alder series	ALINT
32301	thinleaf alder-water birch/willow	ALINT-BEOC2/SALIX
32302	thinleaf alder-dwarf birch/water sedge	ALINT-BENA/CAAQ
32303	thinleaf alder-Drummond's willow/field horsetail	ALINT-SADR/EQAR
32304	thinleaf alder/redosier dogwood	ALINT/COSES
324	saltbrush series	ATRIIP
32401	fourwing saltbrush/blue grama	ATCA2/BOGR2
32402	fourwing saltbrush-shadscale saltbrush/alkali sacaton	ATCA2-ATCO/SPAI
32403	shadscale saltbrush-big sagebrush/bluebunch wheatgrass	ATCO-ARTR2/PSSPS
32404	fourwing saltbrush/needle and thread	ATCA2/HECOC8
32405	fourwing saltbrush/western wheatgrass-blue grama	ATCA2/PASM-BOGR2
32406	fourwing saltbrush-big sagebrush/western wheatgrass	ATCA2-ARTR2/PASM
32407	Gardner's saltbrush/western wheatgrass	ATGA/PASM
325	creeping juniper series	JUH02
32501	creeping juniper/little bluestem	JUH02/SCSC
325011	creeping juniper/little bluestem/shrubby cinquefoil	JUH02/SCSC/DAFL3
32502	creeping juniper/sun sedge	JUH02/CAINH2
325021	creeping juniper/sun sedge/bluebunch wheatgrass	JUH02/CAINH2/PSSPS
326	western snowberry series	SYOC
32601	western snowberry/western wheatgrass	SYOC/PASM
327	chokecherry series	PRVIV
32701	chokecherry-western snowberry/western wheatgrass	PRVIV-SYOC/PASM
32702	chokecherry-mountain snowberry/slender wheatgrass	PRVIV-SYOR2/ELTR7
328	redosier dogwood series	COSES
32801	redosier dogwood/common cowparsnip	COSES/HEMA80
32802	redosier dogwood/twinberry honeysuckle	COSES/LOINI
32803	redosier dogwood/whitestem gooseberry	COSES/RIIN2
329	dwarf birch series	BENA
32901	dwarf birch/mountain sedge	BENA/CASC12
32902	dwarf birch/Jacob's-ladder	BENA/POPU3
330	Rocky Mountain maple series	ACGL
33001	Rocky Mountain maple/redosier dogwood	ACGL/COSES
331	twinberry honeysuckle series	LOINI
33101	twinberry honeysuckle/bluejoint	LOINI/CACA4
332	common juniper series	JUC06
33201	common juniper-currant/Thurber's fescue	JUC06-RIBES/FETH
333	rockspirea series	HODU
33301	rockspirea/Thurber's fescue	HODU/FETH
33302	rockspirea/wax currant	HODU/RICE
334	squaw apple series	PERA4
33401	squaw apple-mountain snowberry/creeping barberry	PERA4-SYOR2/MARE11

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
335	winterfat series	KRLA2
33501	winterfat/James' galleta	KRLA2/PLJA
401	western wheatgrass series	PASM
40101	western wheatgrass/blue grama	PASM/BOGR2
401011	western wheatgrass/blue grama-needle and thread	PASM/BOGR2-HECOC8
401012	western wheatgrass/blue grama-green needlegrass	PASM/BOGR2-NAVI4
40102	western wheatgrass/inland saltgrass	PASM/DISP
40103	western wheatgrass/needle spikerush	PASM/ELAC
40104	western wheatgrass/green needlegrass	PASM/NAVI4
40105	western wheatgrass/sun sedge	PASM/CAINH2
40106	western wheatgrass/threadleaf sedge	PASM/CAFI
402	bluebunch wheatgrass series	PSSPS
40204	bluebunch wheatgrass/Sandberg bluegrass	PSSPS/POSE
40206	bluebunch wheatgrass/muttongrass	PSSPS/POFE
40207	bluebunch wheatgrass/western wheatgrass	PSSPS/PASM
40208	bluebunch wheatgrass/blue grama	PSSPS/BOGR2
40209	bluebunch wheatgrass/sideoats grama	PSSPS/BOCU
40210	bluebunch wheatgrass/threadleaf sedge	PSSPS/CAFI
40211	bluebunch wheatgrass/needle and thread	PSSPS/HECOC8
403	big bluestem series	ANGE
40301	big bluestem-little bluestem	ANGE-SCSC
40302	big bluestem/Indiangrass	ANGE/SONU2
403021	big bluestem/Indiangrass-prairie cordgrass	ANGE/SONU2-SPPE
403022	big bluestem/Indiangrass-alkali sacaton	ANGE/SONU2-SPAI
40303	big bluestem/prairie dropseed	ANGE/SPHE
40304	big bluestem/Scribner's rosette grass	ANGE/DIOLS
404	sand bluestem series	ANHA
40401	sand bluestem/prairie sandreed	ANHA/CALO
404011	sand bluestem/needle and thread	ANHA/HECOC8
404012	sand bluestem/sand lovegrass	ANHA/ERTR3
404013	sand bluestem/little bluestem	ANHA/SCSC
405	little bluestem series	SCSC
40501	little bluestem-sideoats grama/threadleaf sedge	SCSC-BOCU/CAFI
40502	little bluestem/blue grama	SCSC/BOGR2
40503	little bluestem/threadleaf sedge	SCSC/CAFI
405031	little bluestem/threadleaf sedge-needle and thread	SCSC/CAFI-HECOC8
40504	little bluestem/hairy grama	SCSC/BOHI2
40505	little bluestem/needlegrass	SCSC/STIPA
406	sideoats grama series	BOCU
40601	sideoats grama/little bluestem	BOCU/SCSC
407	blue grama	BOGR2
40701	blue grama/western wheatgrass	BOGR2/PASM
407012	blue grama/western wheatgrass-buffalograss	BOGR2/PASM-BUDA
40704	blue grama/fourwing saltbrush	BOGR2/ATCA2
40705	blue grama/buffalograss	BOGR2/BUDA
40706	blue grama/sun sedge	BOGR2/CAINH2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
40707	blue grama/winterfat	BOGR2/KRLA2
40708	blue grama/sideoats grama	BOGR2/BOCU
407081	blue grama/sideoats grama-alkali sacaton	BOGR2/BOCU-SPAI
40709	blue grama/slimstem muhly	BOGR2/MUFI
407091	blue grama/slimstem muhly-rubber rabbitbrush	BOGR2/MUFI-ERNAN5
407092	blue grama/slimstem muhly-Parry's rabbitbrush	BOGR2/MUFI-ERPAP10
40710	blue grama/needlegrass	BOGR2/STIPA
40711	blue grama/needle and thread	BOGR2/HECOC8
407111	blue grama/needle and thread-prairie sandreed	BOGR2/HECOC8-CALO
407112	blue grama/needle and thread-sun sedge	BOGR2/HECOC8-CAINH2
407113	blue grama/needle and thread-green needlegrass	BOGR2/HECOC8-NAVI4
40712	blue grama/needleleaf sedge	BOGR2/CADU6
40713	blue grama/James' galleta	BOGR2/PLJA
407131	blue grama/James' galleta-hairy grama	BOGR2/PLJA-BOHI2
409	buffalograss series	BUDA
40901	buffalograss/western wheatgrass	BUDA/PASM
40902	buffalograss/sedge	BUDA/CAREX
410	bluejoint series	CACA4
41001	bluejoint/Sartwell's sedge	CACA4/CASA8
41002	bluejoint-mountain sedge/tall fringed bluebells	CACA4-CASC12/MECI3
411	prairie sandreed series	CALO
41102	prairie sandreed/needle and thread	CALO/HECOC8
411021	prairie sandreed/needle and thread-blue grama	CALO/HECOC8-BOGR2
41103	prairie sandreed/sand dropseed	CALO/SPCR
41104	prairie sandreed/blue grama	CALO/BOGR2
41105	prairie sandreed/sun sedge	CALO/CAINH2
412	sedge series	CAREX
41201	water sedge/Northwest Territory sedge	CAAQ/CAUT
412011	water sedge/Northwest Territory sedge-fewflower spikerush	CAAQ/CAUT-ELQU2
412012	water sedge/Northwest Territory sedge-water sedge	CAAQ/CAUT-CAAQ
41202	blackroot sedge/alpine clover	CAEL3/TRDA2
41203	pinegrass/mountain stitchwort	CARU/MIBI9
41204	pinegrass/alpine clover	CARU/TRDA2
41205	mountain sedge/white marsh marigold	CASC12/CALE4
412051	mountain sedge/white marsh marigold-ledge stonecrop	CASC12/CALE4-RHIN11
41206	water sedge/ elephanthead lousewort	CAAQ/PEGR2
41207	Arapaho sedge/mountain stitchwort	CAAR13/MIBI9
41208	sedge/alpine bistort	CAREX/POVI3
41209	blackroot sedge/oreoxis	CAEL3/OREOX
41210	dryspike sedge/Ross' avens	CAFO3/GEROT
41211	cloud sedge/arctic bluegrass	CAHA6/POAR2
412110	cloud sedge/arctic bluegrass-arctic bluegrass	CAHA6/POAR2-POAR2
412112	cloud sedge/arctic bluegrass-varileaf cinquefoil	CAHA6/POAR2-PODI2
41212	sedge/alpine bistort	CAREX/POVI3
41213	black alpine sedge/rush	CANI2/JUNCU

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41214	globe sedge/moss campion	CAPE12/SIAC
41215	Nebraska sedge/water whorlgrass-rush	CANE2/CAAQ3-JUNCU
41216	pyrenean sedge/blackhead fleabane	CAPY3/ERME2
41217	mountain sedge/Ross' avens	CASC12/GEROT
41218	pyrenean sedge/moss	CAPY3/2MOSS
41219	sedge/tufted hairgrass	CAREX/DECA18
41220	Nebraska sedge/tufted hairgrass	CANE2/DECA18
41221	pinegrass/Siberian phlox	CARU/PHSI
41222	mountain sedge/tufted hairgrass	CASC12/DECA18
41223	mountain sedge/moss	CASC12/2MOSS
41224	spike sedge/alpine besseya	CANA2/BEAL
41225	pinegrass/Bellardi bog sedge	CARU/KOMY
41226	blackroot sedge/lesser spikemoss	CAEL3/SEDE2
41227	blackroot sedge/Ross' avens	CAEL3/GEROT
41228	Engelmann's sedge/snow willow	CAEN3/SANI8
41229	early sedge/water sedge	CAPR4/CAAQ
412291	early sedge/water sedge-fewflower spikerush	CAPR4/CAAQ-ELQU2
41230	water sedge/Hood's sedge	CAAQ/CAHO5
41231	smallwing sedge/tufted hairgrass	CAMI7/DECA18
41232	mountain sedge/alpine bistort	CASC12/POVI3
413	timber oatgrass series	DAIN
41301	timber oatgrass/varileaf cinquefoil	DAIN/PODI2
413011	timber oatgrass/varileaf cinquefoil-creeping sibbaldia	DAIN/PODI2-SIPR
41302	timber oatgrass/tufted hairgrass	DAIN/DECA18
413021	timber oatgrass/tufted hairgrass/alpine oreoxis	DAIN/DECA18/ORAL
41303	timber oatgrass/Letterman's needlegrass	DAIN/ACLE9
414	Parry's oatgrass series	DAPA2
41401	Parry's oatgrass/Idaho fescue	DAPA2/FEID
41402	Parry's oatgrass/sun sedge	DAPA2/CAINH2
414021	Parry's oatgrass/sun sedge-little bluestem	DAPA2/CAINH2-SCSC
41403	Parry's oatgrass/arizona fescue	DAPA2/FEAR2
415	tufted hairgrass series	DECA18
41501	tufted hairgrass/white marsh marigold	DECA18/CALE4
415011	tufted hairgrass/white marsh marigold/plaintainleaf buttercup	DECA18/CALE4/RAAL
41502	tufted hairgrass/sedge	DECA18/CAREX
415020	tufted hairgrass/Nebraska sedge	DECA18/CANE2
415021	tufted hairgrass/water sedge	DECA18/CAAQ
415022	tufted hairgrass/sheep sedge	DECA18/CAIL
41503	tufted hairgrass/Ross' avens	DECA18/GEROT
41504	tufted hairgrass/Drummond's rush	DECA18/JUDR
41505	tufted hairgrass/slender wheatgrass	DECA18/ELTR7
416	inland saltgrass series	DISP
41601	inland saltgrass/western wheatgrass	DISP/PASM
41602	inland saltgrass/Nuttall's alkaligrass	DISP/PUNU2
41603	inland saltgrass/alkali sacaton-western wheatgrass	DISP/SPAI-PASM

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
416031	inland saltgrass/alkali sacaton-Pursh seepweed	DISP/SPAI-SUCA2
417	spikerush series	ELEOC
41701	common spikerush/sedge	ELPA3/CAREX
418	Colorado wildrye series	LEAM
41801	Colorado wildrye/wax currant	LEAM/RICE
419	Arizona fescue series	FEAR2
41902	Arizona fescue/mountain muhly	FEAR2/MUMO
41903	Arizona fescue/sun sedge	FEAR2/CAINH2
420	Idaho fescue series	FEID
42001	Idaho fescue/western wheatgrass	FEID/PASM
42002	Idaho fescue/obtuse sedge	FEID/CAOB4
42003	Idaho fescue/sticky purple geranium	FEID/GEV12
42004	Idaho fescue/spike fescue	FEID/LEK12
42005	Idaho fescue/silky lupine	FEID/LUSE4
42008	Idaho fescue/slender wheatgrass	FEID/ELTR7
420081	Idaho fescue/slender wheatgrass/scarlet gilia	FEID/ELTR7/IPAG
42010	Idaho fescue/bluebunch wheatgrass	FEID/PSSPS
420101	Idaho fescue/bluebunch wheatgrass-Columbia needlegrass	FEID/PSSPS-ACNEN2
42011	Idaho fescue/tufted hairgrass	FEID/DECA18
42012	Idaho fescue/spike trisetum	FEID/TRSP2
42013	Idaho fescue/sun sedge	FEID/CAINH2
422	Thurber's fescue series	FETH
42201	Thurber's fescue/Idaho fescue	FETH/FEID
42202	Thurber's fescue/American vetch-Nevada pea	FETH/VIAM-LALAL3
42203	Thurber's fescue/Arizona fescue	FETH/FEAR2
42204	Thurber's fescue/Parry's oatgrass	FETH/DAPA2
42205	Thurber's fescue/alpine oreoxis	FETH/ORAL
423	rush series	JUNCU
42301	mountain rush/sedge	JUBAM/CAREX
423011	mountain rush/Nebraska sedge	JUBAM/CANE2
423012	mountain rush/tufted hairgrass	JUBAM/DECA18
42302	Drummond's rush/sedge	JUDR/CAREX
42303	Drummond's rush/creeping sabbaldia	JUDR/SIPR
42304	mountain rush/inland saltgrass	JUBAM/DISP
424	bog sedge series	KOBRE
42401	Bellardi bog sedge/Ross' avens-pinegrass	KOMY/GEROT-CARU
42402	Bellardi bog sedge/alpine clover	KOMY/TRDA2
424020	Bellardi bog sedge/alpine clover-alpine clover	KOMY/TRDA2-TRDA2
424021	Bellardi bog sedge/alpine clover-alpine oreoxis	KOMY/TRDA2-ORAL
42403	Bellardi bog sedge/dwarf clover	KOMY/TRNA2
42404	Siberian bog sedge/alpine bistort	KOSI/POVI3
425	slimstem muhly series	MUFI
42501	slimstem muhly/prairie sagewort	MUFI/ARFR4
426	mountain muhly series	MUMO
42601	mountain muhly/pine dropseed	MUMO/BLTR

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
42602	mountain muhly/Arizona fescue	MUMO/FEAR2
42603	mountain muhly/streambank wheatgrass	MUMO/ELLAL
42604	mountain muhly/prairie bluebells	MUMO/MELA3
427	alpine timothy series	PHAL2
42701	alpine timothy/hairy sedge	PHAL2/CALA16
428	bluegrass series	POA
42801	Wheeler bluegrass/Letterman's needlegrass	PONE2/ACLE9
42803	arctic bluegrass/alpine bistort	POAR2/POVI3
429	alkali sacaton series	SPAI
42901	alkali sacaton/western wheatgrass	SPAI/PASM
42902	alkali sacaton/blue grama	SPAI/BOGR2
430	composite dropseed series	SPCOC2
43001	composite dropseed/little bluestem	SPCOC2/SCSC
431	needle and thread series	HECOC8
43102	needle and thread/streambank wheatgrass	HECOC8/ELLAL
43103	needle and thread/blue grama	HECOC8/BOGR2
431031	needle and thread/blue grama-sideoats grama	HECOC8/BOGR2-BOCU
431032	needle and thread/blue grama-porcupinegrass	HECOC8/BOGR2-HESP11
43104	needle and thread/threadleaf sedge	HECOC8/CAFI
43106	needle and thread/mountain muhly	HECOC8/MUMO
43107	needle and thread/needleleaf sedge	HECOC8/CADU6
43108	needle and thread/hairy grama	HECOC8/BOHI2
43109	needle and thread/sun sedge	HECOC8/CAINH2
431091	needle and thread/sun sedge-lesser spikemoss	HECOC8/CAINH2-SEDE2
431092	needle and thread/sun sedge-green needlegrass	HECOC8/CAINH2-NAVI4
43110	needle and thread/ebony sedge	HECOC8/CAEB
432	prairie dropseed series	SPHE
43201	prairie dropseed/sedge	SPHE/CAREX
43202	prairie dropseed/porcupinegrass	SPHE/HESP11
433	bulrush series	SCIRP
43301	chairmakers bulrush/sedge	SCAM6/CAREX
43302	bulrush/inland saltgrass	SCIRP/DISP
433021	bulrush/inland saltgrass-prairie cordgrass	SCIRP/DISP-SPPE
434	plains muhly series	MUCU3
43401	plains muhly/little bluestem	MUCU3/SCSC
435	altai fescue series	FEAL
43501	altai fescue/Idaho fescue	FEAL/FEID
436	porcupinegrass series	HESP11
43601	porcupinegrass/plains muhly	HESP11/MUCU3
43602	porcupinegrass/big bluestem	HESP11/ANGE
436021	porcupinegrass/big bluestem-little bluestem	HESP11/ANGE-SCSC
437	Nuttall's alkaligrass series	PUAI
43701	Nuttall's alkaligrass/seaside arrowgrass	PUAI/TRMA4
438	prairie cordgrass series	SPPE
43801	prairie cordgrass/bluejoint	SPPE/CACA4
439	purple reedgrass series	CAPU

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
43901	purple reedgrass/Morton's alpineoatgrass	CAPU/HEMO3
43902	purple reedgrass/glaucous bluegrass	CAPU/POGL
440	water whorlgrass series	CAAQ3
44001	water whorlgrass/water sedge	CAAQ3/CAAQ
441	James' galleta series	PLJA
44101	James' galleta/alkali sacaton	PLJA/SPAI
501	alpine springbeauty series	CLME
50101	alpine springbeauty/arctic pearlwort	CLME/SASA
50102	alpine springbeauty/moss campion	CLME/SIAC
502	Ross' avens series	GEROT
50201	Ross' avens/arctic bluegrass	GEROT/POAR2
50203	Ross' avens/clover-tufted hairgrass	GEROT/TRIFO-DECA18
50205	Ross' avens/american bistort	GEROT/POBI6
50206	Ross' avens/alpine clover	GEROT/TRDA2
50207	Ross' avens/dwarf clover	GEROT/TRNA2
50208	Ross' avens/curly sedge	GEROT/CARU3
503	Porter's licorice-root series	LIPO
50301	Porter's licorice-root/lodgepole lupine	LIPO/LUPA8
50302	Porter's licorice-root/american vetch	LIPO/VIAM
504	Rocky Mountain nailwort	PAPU2
50401	Rocky Mountain nailwort/mountain stitchwort	PAPU2/MIBI9
505	willow series	SALIX
50501	arctic willow/Ross' avens	SAAR27/GEROT
505011	arctic willow/Ross' avens-creeping sibbaldia	SAAR27/GEROT-SIPR
505012	arctic willow/Ross' avens-mountain sedge	SAAR27/GEROT-CASC12
50502	snow willow/Ross' avens	SANI8/GEROT
50503	arctic willow/blackhead fleabane	SAAR27/ERME2
50504	snow willow/dwarf bilberry	SANI8/VACA13
50505	snow willow/Parry's clover	SAAR27/TRPA5
506	clover series	TRIFO
50601	alpine clover/spreading wheatgrass	TRDA2/ELSC4
50602	alpine clover/pinegrass	TRDA2/CARU
50603	dwarf clover/mountain stitchwort	TRNA2/MIBI9
506031	dwarf clover/mountain stitchwort-Rocky Mountain nailwort	TRNA2/MIBI9-PAPU2
50604	Parry's clover/Ross' avens	TRPA5/GEROT
50605	Parry's clover/alpine buttercup	TRPA5/RAAD
50606	alpine clover/mountain stitchwort	TRDA2/MIBI9
50607	dwarf clover/featherleaf fleabane	TRNA2/ERPI6
50608	Parry's clover/tufted hairgrass	TRPA5/DECA18
507	broadleaf cattail series	TYLA
50701	broadleaf cattail/broadleaf arrowhead	TYLA/SALA2
508	captiate valerian series	VACA3
50801	captiate valerian/Bering chickweed	VACA3/CEBE2
509	Rocky Mountain pussytoes series	ANME2
50901	Rocky Mountain pussytoes/arctic bluegrass	ANME2/POAR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
510	boreal sagebrush series	ARAR9
51001	boreal sagebrush/Parry's clover-mountain stitchwort	ARAR9/TRPA5-MIBI9
511	white marsh marigold series	CALE4
51101	white marsh marigold/redpod stonecrop	CALE4/RHRH4
512	heartleaf bittercress series	CAC06
51201	heartleaf bittercress/white marsh marigold	CAC06/CALE4
513	mountain thistle series	CISC3
51301	mountain thistle/Colorado blue columbine	CISC3/AQCA2
514	alumroot series	HEUCH
51401	bracted alumroot-littleflower alumroot/featherleaf fleabane	HEBR2-HEPA10/ERPI6
515	tall fringed bluebells series	MECI3
51501	tall fringed bluebells/tufted hairgrass	MECI3/DECA18
516	sticky polemonium series	POVI
51601	sticky polemonium/silky phacelia-mountain thistle	POVI/PHSE-CISC3
51602	sticky polemonium/featherleaf fleabane	POVI/ERPI6
517	Parry's primrose series	PRPA
51701	Parry's primrose/tufted hairgrass	PRPA/DECA18
518	saxifrage series	SAXIF
51801	brook saxifrage/tufted hairgrass	SAOD2/DECA18
51802	goldbloom saxifrage/alpine fescue	SACH4/FEBR
51803	matted saxifrage/brittle bladderfern	SABRA2/CYFR2
519	ragwort series	SENEC
51901	arrowleaf ragwort/fernleaf licorice-root	SETR/LIFI
51902	arctic groundsel/varileaf phacelia	TEAT2/PHHE2
520	creeping sibbaldia series	SIPR
52001	creeping sibbaldia/mountain stitchwort-moss	SIPR/MIBI9-2MOSS
520011	creeping sibbaldia/mountain stitchwort-moss/arctic bluegrass	SIPR/MIBI9-2MOSS/POAR2
52002	creeping sibbaldia/Pyrenean sedge	SIPR/CAPY3
52004	creeping sibbaldia/ebony sedge	SIPR/CAEB
521	American globeflower series	TRLAA2
52101	American globeflower-fernleaf licorice-root/subalpine fleabane	TRLAA2-LIFI/ERPE3
522	seepweed series	SUAED
52201	seepweed/red swampfire	SUAED/SARU
522011	seepweed/red swampfire-Nuttall's alkaligrass	SUAED/SARU-PUAI
522012	seepweed/red swampfire-verrucose seapurslane	SUAED/SARU-SEVE2
523	oreoxis series	OREOX
52301	Baker's alpineparsley/arctic willow-lesser spikemoss	ORBA/SAAR27-SEDE2
524	Colorado false hellebore series	VETE4
52401	Colorado false hellebore/common cowparsnip	VETE4/HEMA80
525	phlox series	PHLOX
52501	Siberian phlox/alpine clover	PHSI/TRDA2
526	twinpod series	PHYSA2
52601	Avery Peak twinpod/Harrington's beardtongue	PHAL10/PEHA11

NRV_PV_COVER_TYPES (CONT.)**Reference Code 201 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
527	alpine smelowskia series	SMCA
52701	alpine smelowskia/field sagewort	SMCA/ARCAB4
528	buckwheat series	ERIOG
52801	Colorado buckwheat/nodding locoweed	ERCO11/OXDEF
529	Gordon's ivesia series	IVGO
52901	Gordon's ivesia/Fendler's sandwort	IVGO/ARFEF3

Reference Code 202

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CECX002003	blacktailed prairie dog town grassland complex	
CEGL000187	ponderosa pine/creeping barberry	PIPO/MARE11
CEGL000188	ponderosa pine/western wheatgrass	PIPO/PASM
CEGL000190	ponderosa pine/mountain ninebark	PIPO/PHMO4
CEGL000192	ponderosa pine/chokecherry	PIPO/PRVI
CEGL000201	ponderosa pine/little bluestem	PIPO/SCSC
CEGL000203	ponderosa pine/common snowberry	PIPO/SYAL
CEGL000382	white spruce/twinflower	PIGL/LIBO3
CEGL000383	white spruce/grouse whortleberry	PIGL/VASC
CEGL000554	bur oak/sun sedge	QUMA2/CAINH2
CEGL000555	bur oak/hophornbeam	QUMA2/OSVI
CEGL000583	quaking aspen/beaked hazelnut	POTR5/COCO6
CEGL000596	quaking aspen/chokecherry	POTR5/PRVI
CEGL000597	quaking aspen/western brackenfern	POTR5/PTAQ
CEGL000607	quaking aspen/white spirea	POTR5/SPBE2
CEGL000628	boxelder/chokecherry	ACNE2/PRVI
CEGL000659	eastern cottonwood-peachleaf willow/narrowleaf willow	PODE3-SAAM2/SAEX
CEGL000660	eastern cottonwood/western snowberry	PODE3/SYOC
CEGL000747	Rocky Mountain juniper/littleseed ricegrass	JUSC2/PIMI7
CEGL000844	ponderosa pine/kinnikinnick	PIPO/ARUV
CEGL000849	ponderosa pine/sun sedge	PIPO/CAINH2
CEGL000859	ponderosa pine/common juniper	PIPO/JUCO6
CEGL000861	ponderosa pine/Rocky Mountain juniper	PIPO/JUSC2
CEGL000865	ponderosa pine/bluebunch wheatgrass	PIPO/PSSP6
CEGL000873	ponderosa pine/bur oak	PIPO/QUMA2
CEGL000878	ponderosa pine (scree slope)	PIPO
CEGL000947	peachleaf willow	SAAM2
CEGL001047	Wyoming big sagebrush/western wheatgrass	ARTRW8/PASM
CEGL001072	silver sagebrush/western wheatgrass	ARCA13/PASM
CEGL001086	alderleaf mountain mahogany/sideoats grama	CEMO2/BOCU
CEGL001093	black hawthorn-fireberry hawthorn	CRDO2-CRCH
CEGL001108	chokecherry	PRVI
CEGL001120	skunkbush sumac/bluebunch wheatgrass	RHTR/PSSP6
CEGL001131	western snowberry	SYOC

NRV_PV_COVER_TYPES (CONT.)**Reference Code 202 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CEGL001161	water birch/redosier dogwood	BEOC2/COSE16
CEGL001173	Bebb willow	SABE2
CEGL001188	sageleaf willow/beaked sedge	SACA4/CARO6
CEGL001197	narrowleaf willow (temporarily flooded)	SAEX
CEGL001394	creeping juniper/little bluestem	JUHO2/SCSC
CEGL001477	prairie cordgrass-sedge (wet meadow)	SPPE-CAREX
CEGL001559	bluejoint (wet meadow)	CACA4
CEGL001583	wesern wheatgrass-green needlegrass	PASM-NAVI4
CEGL001681	little bluestem-grama/threadleaf sedge	SCSC-BOUTE/CAFI
CEGL001813	Nebraska sedge (wet meadow)	CANE2
CEGL001833	common spikerush (wet meadow)	ELPA3
CEGL001838	Baltic rush (wet meadow)	JUBA
CEGL002034	western wheatgrass-needle and thread	PASM-HECOC8
CEGL002037	needle and thread-blue grama-threadleaf sedge	HECOC8-BOGR2-CAFI
CEGL002055	ponderosa pine (limestone cliffs)	PIPO
CEGL002057	white spruce (alluvial)	PIGL
CEGL002079	paper birch/beaked hazelnut	BEPA/COCO6
CEGL002082	green ash-American elm/western snowberry	FRPE-ULAM/SYOC
CEGL002123	ponderosa pine/roughleaf ricegrass	PIPO/ORAS
CEGL002138	bur oak/chokecherry-western snowberry	QUMA2/PRVI-SYOC
CEGL002205	big bluestem-little bluestem	ANGE-SCSC
CEGL002228	Northern Great Plains Cattail-Bulrush marsh	TYPHA-SCIRP
CEGL002240	prairie dropseed-Richardson's needlegrass-timber oatgrass	SPHE-ACRI8-DAIN
CEGL002274	inland saltgrass-foxtail barley-alkali sacaton	DISP-HOJU-SPAI
CEGL002294	shale barren slopes	
CEGL002295	Black Hills granite/metamorphic rock outcrop	
CEGL002307	Black Hills talus	
CEGL002389	cattail (northern great plains cattail marsh)	TYPHA
CEGL002664	narrowleaf cottonwood/redosier dogwood	POAN3/COSE16
CEGL005257	sandstone dry Great Plains cliff sparse vegetation	
CEGL005261	redbeds (siltstone) rock outcrop	
CEGL005262	American mannagrass - fowl bluegrass (Black Hills streamside vegetation)	GLGR-POPA2
CEGL005263	western Great Plains steamside vegetation	
CEGL005283	igneous/metamorphic black hills butte sparse vegetation	

Reference Code 203

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CEGL000555	bur oak-hophornbeam	QUMA2-OSVI
CEGL000596	quaking aspen/chokecherry	POTR5/PRVI
CEGL000628	boxelder/chokecherry	ACNE2/PRVI

NRV_PV_COVER_TYPES (CONT.)**Reference Code 203 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CEGL000659	eastern cottonwood-peachleaf willow/narrowleaf willow floodplain	PODE3-SAAM2/SAEX
CEGL000660	eastern cottonwood/western snowberry floodplain	PODE3/SYOC
CEGL000947	peachleaf willow	SAAM2
CEGL001093	black hawthorn-fireberry hawthorn	CRD02-CRCH
CEGL001131	western snowberry	SYOC
CEGL001161	water birch/redosier dogwood	BEOC2/COSE16
CEGL001173	Bebb willow	SABE2
CEGL001188	sageleaf willow/beaked sedge	SACA4/CAR06
CEGL001197	narrowleaf willow	SAEX
CEGL001477	prairie cordgrass-sedge wet meadow	SPPE-CAREX
CEGL001559	bluejoint wet meadow	CACA4
CEGL001813	Nebraska sedge wet meadow	CANE2
CEGL001833	common spikerush wet meadow	ELPA3
CEGL001838	Baltic rush wet meadow	JUBA
CEGL002057	white spruce alluvial	PIGL
CEGL002079	paper birch/beaked hazelnut	BEPA/COC06
CEGL002082	green ash-American elm/western snowberry	FRPE-ULAM/SYOC
CEGL002228	cattail-bulrush marsh	TYPHA-SCIRP
CEGL002274	alkali sacaton saline meadow	SPAI
CEGL002389	cattail marsh	TYPHA
CEGL002664	narrowleaf cottonwood/redosier dogwood	POAN3/COSE16
CEGL005262	American mannagrass-fowl bluegrass	GLGR-POPA2
CEGL005263	bulrush-fowl bluegrass	SCIRP-POPA2

Reference Code 204

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
002	subalpine fir series	ABLA
00201	subalpine fir/Geyer" sedge	ABLA/CAGE2
00202	subalpine fir/grouse whortleberry	ABLA/VASC
00203	subalpine fir/whortleberry	ABLA/VAMY2
00204	subalpine fir/common juniper	ABLA/JUC06
00205	subalpine fir/heartleaf arnica	ABLA/ARCO9
00206	subalpine fir/arrowleaf ragwort	ABLA/SETR
00207	subalpine fir/Jacob's-ladder	ABLA/POPU3
00208	subalpine fir/bluejoint	ABLA/CACA4
00211	subalpine fir/moss	ABLA/2MOSS
006	blue spruce series	PIPU
00601	blue spruce/Saskatoon serviceberry	PIPU/AMAL2
006090	blue spruce/Arizona fescue	PIPU/FEAR2
008	bristlecone pine series	PIAR
00801	bristlecone pine/Thurber's fescue	PIAR/FETH
00802	bristlecone pine/Arizona fescue	PIAR/FEAR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 204 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
00805	bristlecone pine/common juniper	PIAR/JUCO6
009	lodgepole pine series	PICO
00903	lodgepole pine/Geyer's sedge	PICO/CAGE2
00905	lodgepole pine/common juniper	PICO/JUCO6
00910	lodgepole pine/grouse whortleberry	PICO/VASC
010	limber pine series	PIFL2
01020	limber pine/matted saxifrage	PIFL2/SABRA2
011	ponderosa pine series	PIPO
01109	ponderosa pine/Arizona fescue	PIPO/FEAR2
01110	ponderosa pine/Idaho fescue	PIPO/FEID
012	Douglas-fir series	PSME
01206	Douglas-fir/Geyer's sedge	PSME/CAGE2
01208	Douglas-fir/Idaho fescue	PSME/FEID
01209	Douglas-fir/fivepetal cliffbush	PSME/JAAM
01211	Douglas-fir/Oregon boxleaf	PSME/PAMY
01217	Douglas-fir/mountain snowberry	PSME/SYOR2
01221	Douglas-fir/antelope bitterbrush	PSME/PUTR2
103	narrowleaf cottonwood series	POAN3
10306	narrowleaf cottonwood/gray alder-redosier dogwood	POAN3/ALIN2-COSES
105	quaking aspen series	POTR5
10503	quaking aspen/Thurber's fescue	POTR5/FETH
10510	quaking aspen/western brackenfern	POTR5/PTAQ
10511	quaking aspen/mountain snowberry	POTR5/SYOR2
10512	quaking aspen/Fendler's meadow-rue	POTR5/THFE
10515	quaking aspen/Saskatoon serviceberry-chokecherry	POTR5/AMAL2-PRVI
10521	quaking aspen/kinnikinnick	POTR5/ARUV
10522	quaking aspen/Arizona fescue	POTR5/FEAR2
202	Utah juniper series	JUOS
20210	Utah juniper/mountain snowberry	JUOS/SYOR2
313	Gambel oak series	QUGA
313010	Gambel oak/Saskatoon serviceberry	QUGA/AMAL2
313080	Gambel oak/chokecherry	QUGA/PRVI

Reference Code 205

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
00101	white fir/Rocky Mountain maple	ABCO/ACGL
001011	white fir/Rocky Mountain maple-creeping barberry	ABCO/ACGL-MARE11
001012	white fir/Rocky Mountain maple-rockspirea	ABCO/ACGL-HODU
001013	white fir/Rocky Mountain maple (riparian phase)	ABCO/ACGL
001014	white fir/Rocky Mountain maple-Rocky Mountain maple	ABCO/ACGL-ACGL
001015	white fir/Rocky Mountain maple-Oregon boxleaf	ABCO/ACGL-PAMY
001016	white fir-Douglas-fir/Rocky Mountain maple	ABCO-PSME/ACGL
00102	white fir/creeping barberry	ABCO/MARE11

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
001021	white fir/creeping barberry/New Mexico locust	ABCO/MARE11/RONE
001022	white fir/creeping barberry-common juniper	ABCO/MARE11-JUCO6
001023	white fir/creeping barberry-mountain snowberry	ABCO/MARE11-SYOR2
001024	white fir/creeping barberry-creeping barberry	ABCO/MARE11-MARE11
001025	white fir/creeping barberry (sparse)	ABCO/MARE11
00103	white fir/sprucefir fleabane	ABCO/EREX4
001031	white fir-Douglas-fir/sprucefir fleabane	ABCO-PSME/EREX4
00104	white fir/Arizona fescue	ABCO/FEAR2
001041	white fir/Arizona fescue-muttongrass	ABCO/FEAR2-POFE
001042	white fir/Arizona fescue-Gambel oak	ABCO/FEAR2-QUGA
001043	white fir-Douglas-fir/Arizona fescue	ABCO-PSME/FEAR2
001044	white fir/Arizona fescue-Arizona fescue	ABCO/FEAR2-FEAR2
00105	white fir/Gambel oak	ABCO/QUGA
001051	white fir/Gambel oak-screwleaf muhly	ABCO/QUGA-MUVI2
001052	white fir/Gambel oak-Arizona fescue	ABCO/QUGA-FEAR2
001053	white fir/Gambel oak-pine muhly	ABCO/QUGA-MUDU
001054	white fir/Gambel oak-rockspirea	ABCO/QUGA-HODU
001055	white fir/Gambel oak-Gambel oak	ABCO/QUGA-QUGA
001056	white fir-Douglas-fir/Gambel oak	ABCO-PSME/QUGA
00106	white fir/screwleaf muhly	ABCO/MUVI2
00108	white fir/bigtooth maple	ABCO/ACGR3
001081	white fir/bigtooth maple-rockspirea	ABCO/ACGR3-HODU
001082	white fir/bigtooth maple-bigtooth maple	ABCO/ACGR3-ACGR3
00109	white fir/kinnikinnick	ABCO/ARUV
00110	white fir/whortleberry	ABCO/VAMY2
00111	white fir/New Mexico locust	ABCO/RONE
001111	white fir/New Mexico locust (sparse)	ABCO/RONE
00112	white fir/beardless wildrye	ABCO/LETR5
001121	white fir-Douglas-fir/beardless wildrye	ABCO-PSME/LETR5
00113	white fir/Arizona walnut	ABCO/JUMA
00115	white fir/dryspike sedge	ABCO/CAFO3
00116	white fir (sparse)	ABCO
001161	white fir-Douglas-fir (sparse undergrowth)	ABCO-PSME (sparse)
00120	white fir/greenleaf manzanita	ABCO/ARPA6
00121	white fir/curl-leaf mountain mahogany	ABCO/CELE3
00122	white fir/rockspirea (scree forest)	ABCO/HODU
00123	white fir/common juniper	ABCO/JUCO6
00124	white fir/mallow ninebark	ABCO/PHMA5
00125	white fir/mountain snowberry	ABCO/SYOR2
00126	white fir/fragrant bedstraw (riparian forest)	ABCO/GATR3
00127	white fir-Douglas-fir/Nevada pea	ABCO-PSME/LALAL3
00128	white fir/sweetcicely	ABCO/OSBE
002	subalpine fir series	ABLA
00201	subalpine fir/Geyer's sedge	ABLA/CAGE2
002010	subalpine fir/Geyer's sedge-Geyer's sedge	ABLA/CAGE2-CAGE2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
002011	subalpine fir/Geyer's sedge-big sagebrush	ABLA/CAGE2-ARTR2
002012	subalpine fir/Geyer's sedge-Douglas-fir	ABLA/CAGE2-PSME
00202	subalpine fir/grouse whortleberry	ABLA/VASC
002021	subalpine fir/grouse whortleberry-twinflower	ABLA/VASC-LIBO3
002022	subalpine fir/grouse whortleberry-whortleberry	ABLA/VASC-VAMY2
002023	subalpine fir/grouse whortleberry-Engelmann spruce	ABLA/VASC-PIEN
002024	subalpine fir/grouse whortleberry-thimbleberry	ABLA/VASC-RUPA
00203	subalpine fir/creeping barberry	ABLA/MARE11
002030	subalpine fir/creeping barberry-creeping barberry	ABLA/MARE11-MARE11
002031	subalpine fir/creeping barberry-gooseberry currant	ABLA/MARE11-RIM02
002032	subalpine fir/creeping barberry-common juniper	ABLA/MARE11-JUCO6
002033	subalpine fir/creeping barberry-Douglas-fir	ABLA/MARE11-PSME
002034	subalpine fir/creeping barberry-Engelmann spruce	ABLA/MARE11-PIEN
002035	subalpine fir/creeping barberry-limber pine	ABLA/MARE11-PIFL2
002036	subalpine fir/creeping barberry-Geyer's sedge	ABLA/MARE11-CAGE2
00204	subalpine fir/common juniper	ABLA/JUCO6
00205	subalpine fir/heartleaf arnica	ABLA/ARCO9
002050	subalpine fir/heartleaf arnica-heartleaf arnica	ABLA/ARCO9-ARCO9
002051	subalpine fir/heartleaf arnica-timber milkvetch	ABLA/ARCO9-ASMI9
002052	subalpine fir/heartleaf arnica-russet buffaloberry	ABLA/ARCO9-SHCA
002053	subalpine fir/heartleaf arnica-Engelmann spruce	ABLA/ARCO9-PIEN
00206	subalpine fir/arrowleaf ragwort	ABLA/SETR
00207	subalpine fir/Jacob's-ladder	ABLA/POPU3
00211	subalpine fir/moss	ABLA/2MOSS
00213	subalpine fir/Oregon boxleaf	ABLA/PAMY
00220	subalpine fir/whortleberry	ABLA/VAMY2
002201	subalpine fir/whortleberry-twinflower	ABLA/VAMY2-LIBO3
002202	subalpine fir/whortleberry-thimbleberry	ABLA/VAMY2-RUPA
002203	subalpine fir/grayleaf willow	ABLA/SAGL
00240	subalpine fir/Sitka alder	ABLA/ALVIS
00245	subalpine fir/Rocky Mountain maple	ABLA/ACGL
002450	subalpine fir/Rocky Mountain maple-Rocky Mountain maple	ABLA/ACGL-ACGL
002451	subalpine fir/Rocky Mountain maple-Oregon boxleaf	ABLA/ACGL-PAMY
00260	subalpine fir/fragrant bedstraw	ABLA/GATR3
00261	subalpine fir/red baneberry	ABLA/ACRU2
00262	subalpine fir/bride's bonnet	ABLA/CLUN2
002621	subalpine fir/bride's bonnet-bride's bonnet	ABLA/CLUN2-CLUN2
002622	subalpine fir/bride's bonnet-wild sarsaparilla	ABLA/CLUN2-ARNU2
002623	subalpine fir/bride's bonnet-dwarf bilberry	ABLA/CLUN2-VACA13
002624	subalpine fir/bride's bonnet-common beargrass	ABLA/CLUN2-XETE
002625	subalpine fir/bride's bonnet-rusty menziesia	ABLA/CLUN2-MEFE
00263	subalpine fir/claspleaf twistedstalk	ABLA/STAM2
002630	subalpine fir/claspleaf twistedstalk-claspleaf twistedstalk	ABLA/STAM2-STAM2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
002631	subalpine fir/claspleaf twistedstalk-Canby's licorice-root	ABLA/STAM2-LICA2
002632	subalpine fir/claspleaf twistedstalk-rusty menziesia	ABLA/STAM2-MEFE
00264	subalpine fir/dwarf bilberry	ABLA/VACA13
002640	subalpine fir/dwarf bilberry-dwarf bilberry	ABLA/VACA13-VACA13
002641	subalpine fir/dwarf bilberry-Engelmann spruce	ABLA/VACA13-PIEN
00265	subalpine fir/bluejoint	ABLA/CACA4
002651	subalpine fir/bluejoint-bluejoint	ABLA/CACA4-CACA4
002652	subalpine fir/bluejoint-Canby's licorice-root	ABLA/CACA4-LICA2
002653	subalpine fir/bluejoint-fragrant bedstraw	ABLA/CACA4-GATR3
002654	subalpine fir/bluejoint-dwarf bilberry	ABLA/CACA4-VACA13
002655	subalpine fir/bluejoint-western Labrador tea	ABLA/CACA4-LEGL
00266	subalpine fir/twinflower	ABLA/LIBO3
002661	subalpine fir/twinflower-twinflower	ABLA/LIBO3-LIBO3
002662	subalpine fir/twinflower-common beargrass	ABLA/LIBO3-XETE
002663	subalpine fir/twinflower/grouse whortleberry	ABLA/LIBO3/VASC
00267	subalpine fir/rusty menziesia	ABLA/MEFE
002670	subalpine fir/rusty menziesia-rusty menziesia	ABLA/MEFE-MEFE
002671	subalpine fir/rusty menziesia-Idaho goldthread	ABLA/MEFE-COOC
002672	subalpine fir/rusty menziesia-Hitchcock's smooth woodrush	ABLA/MEFE-LUGLH
002673	subalpine fir/rusty menziesia-common beargrass	ABLA/MEFE-XETE
002674	subalpine fir/rusty menziesia-grouse whortleberry	ABLA/MEFE-VASC
00268	subalpine fir/Idaho goldthread	ABLA/COOC
00269	subalpine fir/common beargrass	ABLA/XETE
002690	subalpine fir/common beargrass-common beargrass	ABLA/XETE-XETE
002691	subalpine fir/common beargrass-thinleaf huckleberry	ABLA/XETE-VAME
002692	subalpine fir/common beargrass-grouse whortleberry	ABLA/XETE-VASC
002693	subalpine fir/common beargrass-Idaho goldthread	ABLA/XETE-COOC
002694	subalpine fir/common beargrass-Hitchcock's smooth woodrush	ABLA/XETE-LUGLH
00270	subalpine fir/sickletop lousewort	ABLA/PERA
002700	subalpine fir/sickletop lousewort-sickletop lousewort	ABLA/PERA-PERA
002701	subalpine fir/sickletop lousewort-Douglas-fir	ABLA/PERA-PSME
00271	subalpine fir/broadleaf arnica	ABLA/ARLA8
00272	subalpine fir/thinleaf huckleberry	ABLA/VAME
002721	subalpine fir/thinleaf huckleberry-grouse whortleberry	ABLA/VAME-VASC
002722	subalpine fir/thinleaf huckleberry-Oregon boxleaf	ABLA/VAME-PAMY
002723	subalpine fir/thinleaf huckleberry-thinleaf huckleberry	ABLA/VAME-VAME
00273	subalpine fir/white spirea	ABLA/SPBE2
00274	subalpine fir/Columbian monkshood	ABLA/ACCO4
00275	subalpine fir/pinegrass	ABLA/CARU
002750	subalpine fir/pinegrass-pinegrass	ABLA/CARU-CARU
002751	subalpine fir/pinegrass-Oregon boxleaf	ABLA/CARU-PAMY
00276	subalpine fir/sweetcicely	ABLA/OSBE
002760	subalpine fir/sweetcicely-sweetcicely	ABLA/OSBE-OSBE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
002761	subalpine fir/sweetcicely-Oregon boxleaf	ABLA/OSBE-PAMY
00278	subalpine fir/burnet ragwort	ABLA/PASA12
002780	subalpine fir/burnet ragwort-burnet ragwort	ABLA/PASA12-PASA12
002781	subalpine fir/burnet ragwort-Douglas-fir	ABLA/PASA12-PSME
00279	subalpine fir/Ross' sedge	ABLA/CAR05
00281	subalpine fir/gooseberry currant	ABLA/RIMO2
002811	subalpine fir/gooseberry currant-gooseberry currant	ABLA/RIMO2-RIMO2
002812	subalpine fir/gooseberry currant-whitebark pine	ABLA/RIMO2-PIAL
002813	subalpine fir/gooseberry currant-Fendler's meadow-rue	ABLA/RIMO2-THFE
002814	subalpine fir/gooseberry currant-lodgepole pine	ABLA/RIMO2-PICO
002815	subalpine fir/gooseberry currant-spike trisetum	ABLA/RIMO2-TRSP2
002816	subalpine fir/gooseberry currant-aspen bluebells	ABLA/RIMO2-MEAR6
00283	subalpine fir/Hitchcock's smooth woodrush	ABLA/LUGLH
002830	subalpine fir/Hitchcock's smooth woodrush-Hitchcock's smooth woodrush	ABLA/LUGLH-LUGLH
002831	subalpine fir/Hitchcock's smooth woodrush-grouse whortleberry	ABLA/LUGLH-VASC
002832	subalpine fir/Hitchcock's smooth woodrush-rusty menziesia	ABLA/LUGLH-MEFE
00284	subalpine fir/devilsclub	ABLA/OPHO
00285	subalpine fir/rockspirea (scree forest)	ABLA/HODU
00286	subalpine fir/fivepetal cliffbush (scree forest)	ABLA/JAAM
00287	subalpine fir/yellowdot saxifrage (scree forest)	ABLA/SABR6
00288	subalpine fir/mallow ninebark	ABLA/PHMA5
00289	subalpine fir/common snowberry	ABLA/SYAL
00290	subalpine fir/Howell's marsh marigold	ABLA/CALEH2
00291	subalpine fir/western meadow-rue	ABLA/THOC
00292	subalpine fir/sprucefir fleabane	ABLA/EREX4
00293	subalpine fir/Nevada pea	ABLA/LALA3
00294	subalpine fir/tall fringed bluebells	ABLA/MECI3
00295	subalpine fir/thimbleberry	ABLA/RUPA
00296	subalpine fir/rock clematis	ABLA/CLCOC2
00297	subalpine fir/russet buffaloberry	ABLA/SHCA
00298	subalpine fir-whitebark pine/grouse whortleberry	ABLA-PIAL/VASC
00299	subalpine fir-whitebark pine	ABLA-PIAL
003	Subalpine fir-Engelmann spruce series	ABLA-PIEN
00302	subalpine fir-Engelmann spruce/heartleaf arnica	ABLA-PIEN/ARCO9
00305	subalpine fir-Engelmann spruce/bluejoint	ABLA-PIEN/CACA4
00307	subalpine fir-Engelmann spruce/Geyer's sedge	ABLA-PIEN/CAGE2
00309	subalpine fir-Engelmann spruce/common juniper	ABLA-PIEN/JUCO6
00311	subalpine fir-Engelmann spruce/moss species	ABLA-PIEN/2MOSS
00313	subalpine fir-Engelmann spruce/Oregon boxleaf	ABLA-PIEN/PAMY
00316	subalpine fir-Engelmann spruce/arrowleaf ragwort	ABLA-PIEN/SETR
00320	subalpine fir-Engelmann spruce/whortleberry	ABLA-PIEN/VAMY2
00321	subalpine fir-Engelmann spruce/grouse whortleberry	ABLA-PIEN/VASC
00323	subalpine fir-Engelmann spruce/grayleaf willow	ABLA-PIEN/SAGL

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
004	Engelmann spruce/mountain hemlock series	PIEN
00401	Engelmann spruce/heartleaf arnica	PIEN/ARCO9
00402	Engelmann spruce/white marsh marigold	PIEN/CALE4
00403	Engelmann spruce/softleaf sedge	PIEN/CADI6
00405	Engelmann spruce/fragrant bedstraw	PIEN/GATR3
00406	Engelmann spruce/moss	PIEN/2MOSS
004061	Engelmann spruce/revolute hypnum moss	PIEN/HYRE70
00407	Engelmann spruce/common juniper	PIEN/JUCO6
00408	Engelmann spruce/twinflower	PIEN/LIBO3
00409	Engelmann spruce/mallow ninebark	PIEN/PHMA5
00413	Engelmann spruce/alpine clover	PIEN/TRDA2
00414	Engelmann spruce/grouse whortleberry	PIEN/VASC
00415	Engelmann spruce/whortleberry	PIEN/VAMY2
004151	Engelmann spruce/whortleberry/Jacob's-ladder	PIEN/VAMY2/POPU3
00418	Engelmann spruce/dwarf bilberry	PIEN/VACA13
00430	Engelmann spruce/Rocky Mountain maple	PIEN/ACGL
00431	Engelmann spruce/sprucefir fleabane	PIEN/EREX4
00432	Engelmann spruce/beardless wildrye	PIEN/LETR5
00433	Engelmann spruce/Ross' avens	PIEN/GERO2
00434	Engelmann spruce/gooseberry currant	PIEN/RIMO2
00435	Engelmann spruce/bittercress ragwort	PIEN/PACA34
004350	Engelmann spruce/bittercress ragwort-subalpine fir	PIEN/PACA34-ABLAL
004351	Engelmann spruce/bittercress ragwort-white fir	PIEN/PACA34-ABCO
00441	Engelmann spruce/field horsetail	PIEN/EQAR
00442	Engelmann spruce/grayleaf willow	PIEN/SAGL
00443	Engelmann spruce-subalpine fir/grayleaf willow	PIEN-ABLA/SAGL
00444	Engelmann spruce/dryspike sedge	PIEN/CAFO3
00445	Engelmann spruce/bride's bonnet	PIEN/CLUN2
004450	Engelmann spruce/bride's bonnet-bride's bonnet	PIEN/CLUN2-CLUN2
004451	Engelmann spruce/bride's bonnet-dwarf bilberry	PIEN/CLUN2-VACA13
00446	Engelman spruce/eltrot (riparian forest)	PIEN/HESP6
00447	Engelmann spruce/yellowdot saxifrage (scree forest)	PIEN/SABR6
00448	Engelmann spruce/arrowleaf ragwort	PIEN/SETR
004481	Engelmann spruce/arrowleaf ragwort-Engelmann spruce	PIEN/SETR-PIEN
004482	Engelmann spruce/arrowleaf ragwort-Douglas-fir	PIEN/SETR-PSME
00449	Engelmann spruce/starry false lily of the vally	PIEN/MAST4
00467	mountain hemlock/claspleaf twistedstalk	TSME/STAM2
004670	mountain hemlock/claspleaf twistedstalk-claspleaf twistedstalk	TSME/STAM2-STAM2
004671	mountain hemlockclaspleaf /twistedstalk-Hitchcock's smooth woodrush	TSME/STAM2-LUGLH
004672	mountain hemlock/claspleaf twistedstalk-rusty menziesia	TSME/STAM2-MEFE
00468	mountain hemlock/rusty menziesia	TSME/MEFE
004680	mountain hemlock/rusty menziesia-rusty menziesia	TSME/MEFE-MEFE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
004681	mountain hemlock/rusty menziesia-Hitchcock's smooth woodrush	TSME/MEFE-LUGLH
004682	mountain hemlock/rusty menziesia-common beargrass	TSME/MEFE-XETE
00471	mountain hemlock/common beargrass	TSME/XETE
004710	mountain hemlock/common beargrass-common beargrass	TSME/XETE-XETE
004711	mountain hemlock/common beargrass-Hitchcock's smooth woodrush	TSME/XETE-LUGLH
004713	mountain hemlock/common beargrass-grouse whortleberry	TSME/XETE-VASC
00484	mountain hemlock/Hitchcock's smooth woodrush	TSME/LUGLH
004840	mountain hemlock/Hitchcock's smooth woodrush-Hitchcock's smooth woodrush	TSME/LUGLH-LUGLH
004841	mountain hemlock/Hitchcock's smooth woodrush-grouse whortleberry	TSME/LUGLH-VASC
004842	mountain hemlock/Hitchcock's smooth woodrush-rusty menziesia	TSME/LUGLH-MEFE
00485	mountain hemlock/bride's bonnet	TSME/CLUN2
004850	mountain hemlock/bride's bonnet-bride's bonnet	TSME/CLUN2-CLUN2
004851	mountain hemlock/bride's bonnet-rusty menziesia	TSME/CLUN2-MEFE
004852	mountain hemlock/bride's bonnet-common beargrass	TSME/CLUN2-XETE
005	grand fir series	ABGR
00501	western red cedar series	THPL
00502	western hemlock series	TSHE
00503	white spruce/twinflower	PIGL/LIBO3
00504	white spruce/grouse whortleberry	PIGL/VASC
00505	grand fir/white spirea	ABGR/SPBE2
00506	grand fir/mallow ninebark	ABGR/PHMA5
005061	grand fir/mallow ninebark-Idaho goldthread	ABGR/PHMA5-COOC
005062	grand fir/mallow ninebark-mallow ninebark	ABGR/PHMA5-PHMA5
00510	grand fir/common beargrass	ABGR/XETE
005101	grand fir/common beargrass-Idaho goldthread	ABGR/XETE-COOC
005102	grand fir/common beargrass-thinleaf huckleberry	ABGR/XETE-VAME
005103	grand fir/common beargrass-common beargrass	ABGR/XETE-XETE
00511	grand fir/Idaho goldthread	ABGR/COOC
00515	grand fir/thinleaf huckleberry	ABGR/VAME
00516	grand fir/British Columbia wildginger	ABGR/ASCA2
005161	grand fir/British Columbia wildginger-British Columbia wildginger	ABGR/ASCA2-ASCA2
005162	grand fir/British Columbia wildginger-rusty menziesia	ABGR/ASCA2-MEFE
005163	grand fir/British Columbia wildginger-Pacific yew	ABGR/ASCA2-TABR2
00520	grand fir/bride's bonnet	ABGR/CLUN2
005201	grand fir/bride's bonnet-bride's bonnet	ABGR/CLUN2-CLUN2
005203	grand fir/bride's bonnet-common beargrass	ABGR/CLUN2-XETE
005204	grand fir/bride's bonnet-mallow ninebark	ABGR/CLUN2-PHMA5

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
005205	grand fir/bride's bonnet-rusty menziesia	ABGR/CLUN2-MEFE
005206	grand fir/bride's bonnet-Pacific yew	ABGR/CLUN2-TABR2
00525	grand fir/Rocky Mountain maple	ABGR/ACGL
005251	grand fir/Rocky Mountain maple-Rocky Mountain maple	ABGR/ACGL-ACGL
005252	grand fir/Rocky Mountain maple-mallow ninebark	ABGR/ACGL-PHMA5
00529	grand fir/arrowleaf ragwort	ABGR/SETR
00530	western red cedar/bride's bonnet	THPL/CLUN2
005301	western red cedar/bride's bonnet-bride's bonnet	THPL/CLUN2-CLUN2
005302	western red cedar/bride's bonnet-wild sarsaparilla	THPL/CLUN2-ARNU2
005303	western red cedar/bride's bonnet-rusty menziesia	THPL/CLUN2-MEFE
005304	western red cedar/bride's bonnet-common beargrass	THPL/CLUN2-XETE
005305	western red cedar/bride's bonnet-Pacific yew	THPL/CLUN2-TABR2
00540	western red cedar/common ladyfern	THPL/ATFI
005401	western red cedar/common ladyfern-northern maidenhair	THPL/ATFI-ADPE
005402	western red cedar/common ladyfern-common ladyfern	THPL/ATFI-ATFI
00545	western red cedar/British Columbia wildginger	THPL/ASCA2
005451	western red cedar/British Columbia wildginger-British Columbia wildginger	THPL/ASCA2-ASCA2
005452	western red cedar/British Columbia wildginger-rusty menziesia	THPL/ASCA2-MEFE
005453	western red cedar/British Columbia wildginger-Pacific yew	THPL/ASCA2-TABR2
00550	western red cedar/devilsclub	THPL/OPHO
00555	western red cedar/western oakfern	THPL/GYDR
00560	western red cedar/northern maidenhair	THPL/ADPE
00562	western red cedar/Oregon boxleaf	THPL/PAMY
00565	western hemlock/western oakfern	TSHE/GYDR
00570	western hemlock/bride's bonnet	TSHE/CLUN2
005701	western hemlock/bride's bonnet-bride's bonnet	TSHE/CLUN2-CLUN2
005702	western hemlock/bride's bonnet-wild sarsaparilla	TSHE/CLUN2-ARNU2
005703	western hemlock/bride's bonnet-rusty menziesia	TSHE/CLUN2-MEFE
005704	western hemlock/bride's bonnet-common beargrass	TSHE/CLUN2-XETE
00571	western hemlock/Oregon boxleaf	TSHE/PAMY
00575	western hemlock/British Columbia wildginger	TSHE/ASCA2
005751	western hemlock/British Columbia wildginger-wild sarsaparilla	TSHE/ASCA2-ARNU2
005752	western hemlock/British Columbia wildginger-rusty menziesia	TSHE/ASCA2-MEFE
005753	western hemlock/British Columbia wildginger-British Columbia wildginger	TSHE/ASCA2-ASCA2
00579	western hemlock/rusty menziesia	TSHE/MEFE
00580	grand fir/dwarf bilberry	ABGR/VACA13
00585	grand fir/pinegrass	ABGR/CARU
00590	grand fir/twinflower	ABGR/LIBO3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
005901	grand fir/twinflower-twinflower	ABGR/LIBO3-LIBO3
005902	grand fir/twinflower-common beargrass	ABGR/LIBO3-XETE
005903	grand fir/twinflower-thinleaf huckleberry	ABGR/LIBO3-VAME
00591	grand fir/Oregon boxleaf	ABGR/PAMY
00592	grand fir/wild sarsaparilla	ABGR/ARNU2
006	blue spruce series	PIPU
00601	blue spruce/Saskatoon serviceberry-redosier dogwood/Geyer's sedge	PIPU/AMAL2-COSES/CAGE2
006010	blue spruce/redosier dogwood (riparian forest)	PIPU/COSES
006011	blue spruce/Saskatoon serviceberry (riparian forest)	PIPU/AMAL2
006012	blue spruce/creeping barberry-mountain snowberry	PIPU/MARE11-SYOR2
00602	blue spruce/heartleaf arnica (riparian forest)	PIPU/ARCO9
00603	blue spruce/bluegrass	PIPU/POA
00604	blue spruce-Douglas-fir/twinflower	PIPU-PSME/LIBO3
0060401	blue spruce/twinflower	PIPU/LIBO3
00605	blue spruce/thinleaf alder	PIPU/ALINT
00606	blue spruce/dryspike sedge	PIPU/CAFO3
00607	blue spruce/sprucefir fleabane	PIPU/EREX4
006071	blue spruce/sprucefir fleabane-sprucefir fleabane	PIPU/EREX4-EREX4
006072	blue spruce/sprucefir fleabane-ponderosa pine	PIPU/EREX4-PIPO
006073	blue spruce-Engelmann spruce/sprucefir fleabane	PIPU-PIEN/EREX4
00608	blue spruce-Douglas-fir/kinnikinnick	PIPU-PSME/ARUV
006080	blue spruce/kinnikinnick	PIPU/ARUV
00609	blue spruce/Arizona fescue	PIPU/FEAR2
00610	blue spruce/creeping barberry	PIPU/MARE11
006101	blue spruce/creeping barberry-creeping barberry	PIPU/MARE11-MARE11
00611	blue spruce/field horsetail	PIPU/EQAR
00612	blue spruce/common juniper	PIPU/JUCO6
006120	blue spruce-Douglas-fir/common juniper	PIPU-PSME/JUCO6
00613	blue spruce/bittercress ragwort	PIPU/PACA34
006131	blue spruce-engelmann spruce/bittercress ragwort	PIPU-PIEN/PACA34
00620	blue spruce/Kentucky bluegrass (riparian forest)	PIPU/POPR
00621	blue spruce/bluebunch wheatgrass	PIPU/PSSPS
00622	blue spruce/Virginia strawberry	PIPU/FRVIG2
00623	blue spruce-Douglas-fir	PIPU-PSME
006231	blue spruce-Douglas-fir/sharpleaf valerian	PIPU-PSME/VAAC
007	whitebark pine series	PIAL
00701	whitebark pine/Geyer's sedge	PIAL/CAGE2
00702	whitebark pine/Ross' sedge	PIAL/CAR05
007020	whitebark pine/Ross' sedge-Ross' sedge	PIAL/CAR05-CAR05
007021	whitebark pine/Ross' sedge/lodgepole pine	PIAL/CAR05/PICO
00704	whitebark pine/Idaho fescue	PIAL/FEID
00705	whitebark pine/common juniper	PIAL/JUCO6
007050	whitebark pine/common juniper-common juniper	PIAL/JUCO6-JUCO6
007051	whitebark pine/common juniper/russet buffaloberry	PIAL/JUCO6/SHCA
00706	whitebark pine/grouse whortleberry	PIAL/VASC

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
00708	whitebark pine-subalpine fir	PIAL-ABLA
00786	subalpine larch-subalpine fir	LALY-ABLA
008	bristlecone pine series	PIAR
00801	bristlecone pine/Thurber's fescue	PIAR/FETH
00802	bristlecone pine/Arizona fescue	PIAR/FEAR2
00803	bristlecone pine/alpine clover	PIAR/TRDA2
00804	bristlecone pine/gooseberry currant (scree forest)	PIAR/RIMO2
00805	bristlecone pine/common juniper	PIAR/JUCO6
009	lodgepole pine series	PICO
00901	lodgepole pine/kinnikinnick	PICO/ARUV
00903	lodgepole pine/Geyer's sedge	PICO/CAGE2
00905	lodgepole pine/common juniper	PICO/JUCO6
00908	lodgepole pine/russet buffaloberry	PICO/SHCA
00909	lodgepole pine/whortleberry	PICO/VAMY2
00910	lodgepole pine/grouse whortleberry	PICO/VASC
00911	lodgepole pine/Ross' sedge	PICO/CARO5
00912	lodgepole pine/dwarf bilberry	PICO/VACA13
00913	lodgepole pine/thinleaf huckleberry	PICO/VAME
00920	lodgepole pine/bluejoint	PICO/CACA4
00921	lodgepole pine/pinegrass	PICO/CARU
00922	lodgepole pine/Idaho fescue	PICO/FEID
00923	lodgepole pine/heartleaf arnica	PICO/ARCO9
00925	lodgepole pine/common beargrass	PICO/XETE
00926	lodgepole pine/creeping barberry	PICO/MARE11
00927	lodgepole pine/twinflower	PICO/LIBO3
00928	lodgepole pine/antelope bitterbrush	PICO/PUTR2
00929	lodgepole pine/white spirea	PICOSPBE2
010	limber pine series	PIFL2
01001	limber pine/bluebunch wheatgrass	PIFL2/PSSPS
01002	limber pine/purple reedgrass	PIFL2/CAPU
01003	limber pine/Idaho fescue	PIFL2/FEID
010032	limber pine/Idaho fescue-Idaho fescue	PIFL2/FEID-FEID
010033	limber pine/Idaho fescue-Altai fescue	PIFL2/FEID-FEAL
01004	limber pine/spike fescue	PIFL2/LEKI2
01005	limber pine/common juniper	PIFL2/JUCO6
01006	limber pine/alpine clover	PIFL2/TRDA2
01007	limber pine/curl-leaf mountain mahogany	PIFL2/CELE3
01008	limber pine/kinnikinnick	PIFL2/ARUV
01009	limber pine/creeping barberry	PIFL2/MARE11
01010	limber pine/yellowdot saxifrage	PIFL2/SABR2
01011	limber pine/matted saxifrage	PIFL2/SABRA2
01012	limber pine/Great Basin bristlecone pine	PIFL2/PILO
011	ponderosa pine series	PIPO
01104	ponderosa pine/common juniper-sideoats grama	PIPO/JUCO6-BOCU
01105	ponderosa pine/Geyer's sedge	PIPO/CAGE2
01106	ponderosa pine/Ross' sedge	PIPO/CARO5

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
01109	ponderosa pine/Arizona fescue	PIPO/FEAR2
011090	ponderosa pine/Arizona fescue-Arizona fescue	PIPO/FEAR2-FEAR2
011091	ponderosa pine/Arizona fescue-Parry's oatgrass	PIPO/FEAR2-DAPA2
011092	ponderosa pine/Arizona fescue-blue grama	PIPO/FEAR2-BOGR2
011093	ponderosa pine/Arizona fescue-Gambel oak	PIPO/FEAR2-QUGA
01110	ponderosa pine/Idaho fescue	PIPO/FEID
011100	ponderosa pine/Idaho fescue-Idaho fescue	PIPO/FEID-FEID
011101	ponderosa pine/Idaho fescue-greenleaf manzanita	PIPO/FEID-ARPA6
011102	ponderosa pine/Idaho fescue-big sagebrush	PIPO/FEID-ARTR2
011103	ponderosa pine/Idaho fescue-ponderosa pine	PIPO/FEID-PIPO
011104	ponderosa pine/Idaho fescue-Altai fescue	PIPO/FEID-FEAL
01111	ponderosa pine/spike fescue	PIPO/LEK12
01112	ponderosa pine/common juniper	PIPO/JUC06
01117	ponderosa pine-Douglas-fir/mountain muhly	PIPO-PSME/MUMO
01118	ponderosa pine-twoneedle pinyon/Gambel oak	PIPO-PIED/QUGA
01119	ponderosa pine/mountain ninebark	PIPO/PHM04
01120	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
011200	ponderosa pine/antelope bitterbrush-antelope bitterbrush	PIPO/PUTR2-PUTR2
011201	ponderosa pine/antelope bitterbrush-bluebunch wheatgrass	PIPO/PUTR2-PSSPS
011202	ponderosa pine/antelope bitterbrush-Idaho fescue	PIPO/PUTR2-FEID
01121	ponderosa pine/Gambel oak	PIPO/QUGA
011210	ponderosa pine/Gambel oak-Gambel oak	PIPO/QUGA-QUGA
011211	ponderosa pine/Gambel oak-Arizona fescue	PIPO/QUGA-FEAR2
011212	ponderosa pine/Gambel oak-Geyer's sedge	PIPO/QUGA-CAGE2
011213	ponderosa pine/Gambel oak-mountain snowberry	PIPO/QUGA-SYOR2
011214	ponderosa pine/Gambel oak-blue grama	PIPO/QUGA-BOGR2
011215	ponderosa pine/Gambel oak-longtongue muhly	PIPO/QUGA-MULO
011216	ponderosa pine/Gambel oak-little bluestem	PIPO/QUGA-SCSC
011217	ponderosa pine/Gambel oak-twoneedle pinyon	PIPO/QUGA-PIED
01122	ponderosa pine/chokecherry	PIPO/PRVI
011220	ponderosa pine/chokecherry-chokecherry	PIPO/PRVI-PRVI
011221	ponderosa pine/chokecherry-russet buffaloberry	PIPO/PRVI-SHCA
01123	ponderosa pine/white spirea	PIPO/SPBE2
01124	ponderosa pine/common snowberry	PIPO/SYAL
011240	ponderosa pine/common snowberry-common snowberry	PIPO/SYAL-SYAL
011241	ponderosa pine/common snowberry-arrowleaf balsamroot	PIPO/SYAL-BASA3
011242	ponderosa pine/common snowberry-roughleaf ricegrass	PIPO/SYAL-ORAS
011243	ponderosa pine/common snowberry-creeping barberry	PIPO/SYAL-MARE11
01125	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
01126	ponderosa pine/sun sedge	PIPO/CAINH2
01127	ponderosa pine/blue grama	PIPO/BOGR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
011270	ponderosa pine/blue grama-blue grama	PIPO/BOGR2-BOGR2
011272	ponderosa pine/blue grama-sand bluestem	PIPO/BOGR2-ANHA
011273	ponderosa pine/blue grama-big sagebrush	PIPO/BOGR2-ARTR2
011274	ponderosa pine/blue grama-twoneedle pinyon	PIPO/BOGR2-PIED
011275	ponderosa pine/blue grama-Gambel oak	PIPO/BOGR2-QUGA
011277	ponderosa pine/blue grama-canyon grape	PIPO/BOGR2-VIAR2
01128	ponderosa pine/silverleaf oak	PIPO/QUHY
011330	ponderosa pine/mountain muhly	PIPO/MUM0
011340	ponderosa pine/screwleaf muhly	PIPO/MUVI2
011341	ponderosa pine/screwleaf muhly-Gambel oak	PIPO/MUVI2-QUGA
011342	ponderosa pine/screwleaf muhly-screwleaf muhly	PIPO/MUVI2-MUVI2
011343	ponderosa pine/screwleaf muhly-blue grama	PIPO/MUVI2-BOGR2
011350	ponderosa pine/Indian ricegrass	PIPO/ACHY
01136	ponderosa pine/gray oak	PIPO/QUGR3
011360	ponderosa pine/gray oak-mountain muhly	PIPO/QUGR3-MUM0
011361	ponderosa pine/gray oak-longtongue muhly	PIPO/QUGR3-MULO
011362	ponderosa pine/gray oak-gray oak	PIPO/QUGR3-QUGR3
01137	ponderosa pine/wavyleaf oak	PIPO/QUPA4
011370	ponderosa pine/wavyleaf oak-wavyleaf oak	PIPO/QUPA4-QUPA4
011371	ponderosa pine/wavyleaf oak-pine muhly	PIPO/QUPA4-MUDU
011372	ponderosa pine/wavyleaf oak-longtongue muhly	PIPO/QUPA4-MULO
011390	ponderosa pine/screwleaf muhly-Arizona fescue	PIPO/MUVI2-FEAR2
011391	ponderosa pine/screwleaf muhly-Arizona fescue/blue grama	PIPO/MUVI2-FEAR2/BOGR2
011410	ponderosa pine/Arizona white oak	PIPO/QUAR
0114100	ponderosa pine/Arizona white oak-Arizona white oak	PIPO/QUAR-QUAR
0114101	ponderosa pine/Arizona white oak-blue grama	PIPO/QUAR-BOGR2
011430	ponderosa pine/netleaf oak	PIPO/QRU4
011440	ponderosa pine/Emory oak	PIPO/QUEM
011500	ponderosa pine (rockland)	PIPO
01151	ponderosa pine/bur oak	PIPO/QUMA2
01160	ponderosa pine/mallow ninebark	PIPO/PHMA5
01161	ponderosa pine/whitestem gooseberry (scree forest)	PIPO/RIIN2
01162	ponderosa pine/mountain snowberry	PIPO/SYOR2
01163	ponderosa pine/bluestem	PIPO/ANDRO2
01164	ponderosa pine/muttongrass	PIPO/POFE
01165	ponderosa pine/Kentucky bluegrass	PIPO/POPR
01166	ponderosa pine (riparian forest)	PIPO
01167	ponderosa pine/needle and thread	PIPO/HECOC8
01168	ponderosa pine/western needlegrass	PIPO/ACOCO
01169	ponderosa pine (cinder soils)	PIPO
012	Douglas-fir series	PSME
01201	Douglas-fir/Rocky Mountain maple	PSME/ACGL
012010	Douglas-fir/Rocky Mountain maple-Rocky Mountain maple	PSME/ACGL-ACGL
012011	Douglas-fir/Rocky Mountain maple-Oregon boxleaf	PSME/ACGL-PAMY

012012	Douglas-fir/Rocky Mountain maple-mountain snowberry	PSME/ACGL-SYOR2
01202	Douglas-fir/heartleaf arnica	PSME/ARCO9
012020	Douglas-fir/heartleaf arnica-heartleaf arnica	PSME/ARCO9-ARCO9
012021	Douglas-fir/heartleaf arnica-timber milkvetch	PSME/ARCO9-ASMI9
01203	Douglas-fir/creeping barberry	PSME/MARE11
012030	Douglas-fir/creeping barberry-creeping barberry	PSME/MARE11-MARE11
012032	Douglas-fir/creeping barberry-common juniper	PSME/MARE11-JUCO6
012033	Douglas-fir/creeping barberry-mountain snowberry	PSME/MARE11-SYOR2
012034	Douglas-fir/creeping barberry-Geyer's sedge	PSME/MARE11-CAGE2
012035	Douglas-fir/creeping barberry-ponderosa pine	PSME/MARE11-PIPO
01204	Douglas-fir/Ross' sedge	PSME/CARO5
01205	Douglas-fir/pinegrass	PSME/CARU
012050	Douglas-fir/pinegrass-pinegrass	PSME/CARU-CARU
012051	Douglas-fir/pinegrass-Oregon boxleaf	PSME/CARU-PAMY
012052	Douglas-fir/pinegrass-Idaho fescue	PSME/CARU-FEID
012053	Douglas-fir/pinegrass-ponderosa pine	PSME/CARU-PIPO
012054	Douglas-fir/pinegrass-bluebunch wheatgrass	PSME/CARU-PSSPS
012055	Douglas-fir/pinegrass-kinnikinnick	PSME/CARU-ARUV
01206	Douglas-fir/Geyer's sedge	PSME/CAGE2
012061	Douglas-fir/Geyer's sedge-Geyer's sedge	PSME/CAGE2-CAGE2
012062	Douglas-fir/Geyer's sedge-mountain snowberry	PSME/CAGE2-SYOR2
012064	Douglas-fir/Geyer's sedge-ponderosa pine	PSME/CAGE2-PIPO
01207	Douglas-fir/alderleaf mountain mahogany	PSME/CEMO2
01208	Douglas-fir/Idaho fescue	PSME/FEID
012081	Douglas-fir/Idaho fescue-Idaho fescue	PSME/FEID-FEID
012082	Douglas-fir/Idaho fescue-ponderosa pine	PSME/FEID-PIPO
01209	Douglas-fir/fivepetal cliffbush	PSME/JAAM
01210	Douglas-fir/bluebunch wheatgrass	PSME/PSSPS
01211	Douglas-fir/Oregon boxleaf	PSME/PAMY
012111	Douglas-fir/Oregon boxleaf-Geyer's sedge	PSME/PAMY-CAGE2
01212	Douglas-fir/mallow ninebark	PSME/PHMA5
012121	Douglas-fir/mallow ninebark-mallow ninebark	PSME/PHMA5-PHMA5
012122	Douglas-fir/mallow ninebark-pinegrass	PSME/PHMA5-CARU
012123	Douglas-fir/mallow ninebark-starry false lily of the valley	PSME/PHMA5-MAST4
012124	Douglas-fir/mallow ninebark-ponderosa pine	PSME/PHMA5-PIPO
012125	Douglas-fir/mallow ninebark-Douglas-fir	PSME/PHMA5-PSME
012126	Douglas-fir/mallow ninebark-Oregon boxleaf	PSME/PHMA5-PAMY
01213	Douglas-fir/mountain ninebark	PSME/PHMO4
01214	Douglas-fir/Gambel oak	PSME/QUGA
012140	Douglas-fir/Gambel oak-Gambel oak	PSME/QUGA-QUGA
012141	Douglas-fir/Gambel oak-Arizona fescue	PSME/QUGA-FEAR2
012142	Douglas-fir/Gambel oak-screwleaf muhly	PSME/QUGA-MUVI2
012143	Douglas-fir/Gambel oak-rockspirea	PSME/QUGA-HODU
01215	Douglas-fir/white spirea	PSME/SPBE2
012150	Douglas-fir/white spirea-white spirea	PSME/SPBE2-SPBE2
012151	Douglas-fir/white spirea-pinegrass	PSME/SPBE2-CARU
012153	Douglas-fir/white spirea-ponderosa pine	PSME/SPBE2-PIPO
01217	Douglas-fir/mountain snowberry	PSME/SYOR2

01220	Douglas-fir/greenleaf manzanita	PSME/ARPA6
01221	Douglas-fir/antelope bitterbrush	PSME/PUTR2
01223	Douglas-fir/curl-leaf mountain mahogany	PSME/CELE3
01230	Douglas-fir/Altai fescue	PSME/FEAL
01231	Douglas-fir/kinnikinnick	PSME/ARUV
01232	Douglas-fir/fringed brome	PSME/BRCI2
01233	Douglas-fir/Arizona fescue	PSME/FEAR2
01234	Douglas-fir/mountain muhly	PSME/MUMO
012350	Douglas-fir/screwleaf muhly	PSME/MUVI2
012351	Douglas-fir-southwestern white pine/screwleaf muhly	PSME-PIST3/MUVI2
01236	Douglas-fir/silverleaf oak	PSME/QUHY
01239	Douglas-fir/bigtooth maple	PSME/ACGR3
01241	Douglas-fir/rockspirea (scree forest)	PSME/HODU
01243	Douglas-fir/Arizona white oak	PSME/QUAR
01250	Douglas-fir/dwarf bilberry	PSME/VACA13
01276	ponderosa pine/blue grama-little bluestem	PIPO/BOGR2-SCSC
01280	Douglas-fir/thinleaf huckleberry	PSME/VAME
01281	Douglas-fir/thinleaf huckleberry-thinleaf huckleberry	PSME/VAME-VAME
01282	Douglas-fir/thinleaf huckleberry-kinnikinnick	PSME/VAME-ARUV
01283	Douglas-fir/thinleaf huckleberry-common beargrass	PSME/VAME-XETE
0129	Douglas-fir/twinflower	PSME/LIBO3
01290	Douglas-fir/twinflower-twinflower	PSME/LIBO3-LIBO3
01291	Douglas-fir/twinflower-common snowberry	PSME/LIBO3-SYAL
01292	Douglas-fir/twinflower-pinegrass	PSME/LIBO3-CARU
01293	Douglas-fir/twinflower-thinleaf huckleberry	PSME/LIBO3-VAME
01310	Douglas-fir/common snowberry	PSME/SYAL
01311	Douglas-fir/common snowberry-bluebunch wheatgrass	PSME/SYAL-PSSPS
01312	Douglas-fir/common snowberry-pinegrass	PSME/SYAL-CARU
01313	Douglas-fir/common snowberry-common snowberry	PSME/SYAL-SYAL
01314	Douglas-fir/common snowberry-ponderosa pine	PSME/SYAL-PIPO
01315	Douglas-fir/common juniper	PSME/JUCO6
01375	Douglas-fir/sweetcicely	PSME/OSBE
01376	Douglas-fir/rock clematis	PSME/CLCOC2
01377	Douglas-fir/netleaf oak	PSME/QURU4
01378	Douglas-fir (sparse)	PSME
032	Apache pine series	PIEN2
032020	Apache pine/Arizona white oak	PIEN2/QUAR
032030	Apache pine/silverleaf oak	PIEN2/QUHY
032040	Apache pine/Emory oak	PIEN2/QUEM
032050	Apache pine/netleaf oak	PIEN2/QURU4
033	chihuahuan pine series	PILE
033010	chihuahuan pine/pinyon ricegrass	PILE/PIFI
033020	chihuahuan pine/Arizona white oak	PILE/QUAR
033030	chihuahuan pine/silverleaf oak	PILE/QUHY
033040	chihuahuan pine/pointleaf manzanita	PILE/ARPU5
033050	chihuahuan pine/Emory oak	PILE/QUEM
033060	chihuahuan pine/Toumey oak	PILE/QUTO2
034	southwestern white pine series	PIST3
03401	southwestern white pine/Arizona fescue	PIST3/FEAR2
105	quaking aspen series	POTR5

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
10501	quaking aspen/Geyer's sedge	POTR5/CAGE2
10502	quaking aspen/beaked hazelnut	POTR5/COCO6
105021	quaking aspen/beaked hazelnut/western brackenfern	POTR5/COCO6/PTAQ
105022	quaking aspen/beaked hazelnut/wild sarsaparilla	POTR5/COCO6/ARNU2
10503	quaking aspen/Thurber's fescue	POTR5/FETH
105031	quaking aspen/Thurber's fescue-Geyer's sedge	POTR5/FETH-CAGE2
10504	quaking aspen/common cowparsnip	POTR5/HEMA80
10505	quaking aspen/Nevada pea	POTR5/LALAL3
10507	quaking aspen/silvery lupine	POTR5/LUAR3
10508	quaking aspen/common juniper	POTR5/JUCO6
105081	quaking aspen/common juniper/Geyer's sedge	POTR5/JUCO6-CAGE2
105082	quaking aspen/common juniper-silvery lupine	POTR5/JUCO6-LUAR3
105083	quaking aspen/common juniper-timber milkvetch	POTR5/JUCO6-ASMI9
10510	quaking aspen/western brackenfern	POTR5/PTAQ
10511	quaking aspen/mountain snowberry	POTR5/SYOR2
105111	quaking aspen/mountain snowberry-tall forb phase	POTR5/SYOR2-2FORB
105112	quaking aspen/mountain snowberry-pinegrass	POTR5/SYOR2-CARU
105113	quaking aspen/mountain snowberry-Fendler's meadow-rue	POTR5/SYOR2-THFE
105114	quaking aspen/mountain snowberry-Thurber's fescue	POTR5/SYOR2-FETH
105115	quaking aspen/mountain snowberry-Ross' sedge	POTR5/SYOR2-CARO5
105116	quaking aspen/mountain snowberry-mule-ears	POTR5/SYOR2-WYAM
105117	quaking aspen/mountain snowberry-California brome	POTR5/SYOR2-BRCA5
105118	quaking aspen/mountain snowberry-Kentucky bluegrass	POTR5/SYOR2-POPR
105119	quaking aspen/mountain snowberry-Geyer's sedge	POTR5/SYOR2-CAGE2
10512	quaking aspen/Fendler's meadow-rue	POTR5/THFE
105120	quaking aspen/Fendler's meadow-rue-Fendler's meadow-rue	POTR5/THFE-THFE
105121	quaking aspen/Fendler's meadow-rue-Geyer's sedge	POTR5/THFE-CAGE2
105122	quaking aspen/Fendler's meadow-rue-subalpine larkspur	POTR5/THFE-DEBA2
105123	quaking aspen/Fendler's meadow-rue-Porter's licorice-root	POTR5/THFE-LIPO
10513	quaking aspen/Colorado false hellebore	POTR5/VETE4
10514	quaking aspen/big sagebrush	POTR5/ARTR2
10515	quaking aspen/Saskatoon serviceberry	POTR5/AMAL2
105151	quaking aspen/Saskatoon serviceberry-chokecherry	POTR5/AMAL2-PRVIV
105152	quaking aspen/Saskatoon serviceberry-Fendler's meadow-rue	POTR5/AMAL2-THFE
105153	quaking aspen/Saskatoon serviceberry-tall forb	POTR5/AMAL2-2FORB
105154	quaking aspen/Saskatoon serviceberry-western brackenfern	POTR5/AMAL2-PTAQ
105155	quaking aspen/Saskatoon serviceberry-mountain snowberry/tall forb	POTR5/AMAL2-SYOR2/2FORB

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
105156	quaking aspen/Saskatoon serviceberry-mountain snowberry/Fendler's meadow-rue	POTR5/AMAL2-SYOR2/THFE
105157	quaking aspen/Saskatoon serviceberry-mountain snowberry/pinegrass	POTR5/AMAL2-SYOR2/CARU
105158	quaking aspen/Saskatoon serviceberry-mountain snowberry/California brome	POTR5/AMAL2-SYOR2/BRCA5
10517	quaking aspen/pinegrass	POTR5/CARU
10520	quaking aspen/creeping barberry	POTR5/MARE11
10521	quaking aspen/kinnikinnick	POTR5/ARUV
10522	quaking aspen/Arizona fescue	POTR5/FEAR2
10523	quaking aspen/red elderberry	POTR5/SARA2
10540	quaking aspen/blue wildrye	POTR5/ELGL
10541	quaking aspen/bluejoint	POTR5/CACA4
10542	quaking aspen/California brome	POTR5/BRCA5
10543	quaking aspen/California false hellebore	POTR5/VECA2
10544	quaking aspen/dryspike sedge	POTR5/CAFO3
10545	quaking aspen/dwarf bilberry	POTR5/VACA13
10546	quaking aspen/eltrot	POTR5/HESP6
10547	quaking aspen/fringed brome	POTR5/BRCI2
10548	quaking aspen/gooseberry currant (riparian forest)	POTR5/RIM02
10549	quaking aspen/Kentucky bluegrass	POTR5/POPR
10550	quaking aspen/mountain ninebark	POTR5/PHMO4
10551	quaking aspen/mule-ears	POTR5/WYAM
10552	quaking aspen/needle and thread	POTR5/HECOC8
10553	quaking aspen/nodding ragwort	POTR5/SEBIB
105531	quaking aspen/nodding ragwort	POTR5/SEBI2
10554	quaking aspen/Porter's licorice-root	POTR5/LIPO
10555	quaking aspen/Rocky Mountain maple (riparian forest)	POTR5/ACGL
10556	quaking aspen/Ross' sedge	POTR5/CAR05
10557	quaking aspen/russet buffaloberry	POTR5/SHCA
10558	quaking aspen/Scouler's willow	POTR5/SASC
10559	quaking aspen/spreadfruit goldenbanner	POTR5/THDI4
10560	quaking aspen/tall forb	POTR5/2FORB
10561	quaking aspen/thimbleberry	POTR5/RUPA
10562	quaking aspen/timber milkvetch	POTR5/ASMI9
10563	quaking aspen/twinberry honeysuckle	POTR5/LOIN5
10564	quaking aspen/water birch	POTR5/BEOC2
10565	quaking aspen/whortleberry	POTR5/VAMY2
10570	quaking aspen-blue spruce	POTR5-PIPU
10575	quaking aspen-Douglas-fir/common juniper	POTR5-PSME/JUC06
10576	quaking aspen-Douglas-fir/mountain snowberry	POTR5-PSME/SYOR2
10577	quaking aspen-Douglas-fir/pinegrass	POTR5-PSME/CARU
10578	quaking aspen-Douglas-fir/Saskatoon serviceberry	POTR5-PSME/AMAL2
10579	quaking aspen-limber pine	POTR5-PIFL2
10580	quaking aspen-lodgepole pine/common juniper	POTR5-PICO/JUC06
10581	quaking aspen-lodgepole pine/Fendler's meadow-rue	POTR5-PICO/THFE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 205 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
10582	quaking aspen-lodgepole pine/Geyer's sedge	POTR5-PICO/CAGE2
10583	quaking aspen-lodgepole pine/mountain snowberry	POTR5-PICO/SYOR2
10585	quaking aspen-ponderosa pine	POTR5-PIPO
10586	quaking aspen-white fir/greenleaf manzanita	POTR5-ABCO/ARPA6
10587	quaking aspen-white fir/Kentucky bluegrass	POTR5-ABCO/POPR
10588	quaking aspen-white fir/mountain snowberry	POTR5-ABCO/SYOR2
10590	quaking aspen-subalpine fir/common juniper	POTR5-ABLA/JUCO6
10591	quaking aspen-subalpine fir/Geyer's sedge	POTR5-ABLA/CAGE2
10592	quaking aspen-subalpine fir/Fendler's meadow-rue	POTR5-ABLA/THFE
10593	quaking aspen-subalpine fir/mountain snowberry	POTR5-ABLA/SYOR2
105931	quaking aspen-subalpine fir/mountain snowberry/tall forb	POTR5-ABLA/SYOR2/2FORB
105932	quaking aspen-subalpine fir/mountain snowberry/Fendler's meadow-rue	POTR5-ABLA/SYOR2/THFE
105933	quaking aspen-subalpine fir/mountain snowberry/California brome	POTR5-ABLA/SYOR2/BRCA5
10594	quaking aspen-subalpine fir/Ross' sedge	POTR5-ABLA/CAR05
10595	quaking aspen-subalpine fir/russet buffaloberry	POTR5-ABLA/SHCA
10596	quaking aspen-subalpine fir/Saskatoon serviceberry	POTR5-ABLA/AMAL2
10597	quaking aspen-subalpine fir/tall forb	POTR5-ABLA/2FORB

Reference Code 206

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
AL01	forb (alpine, rocky)	2FORB
AL02	Bellardi bog sedge/curly sedge-lesser spikemoss	KOMY/CARU3-SEDE2
AL03	blackroot sedge/twinflower sandwort-alpine sagebrush	CAEL3/MIOB2-ARSC
AL04	curly sedge/glaucous bluegrass	CARU3/POGL
AL05	tufted hairgrass/Ross' avens	DECA18/GEROT
AL06	creeping sabbaldia/Ross' avens	SIPR/GEROT
AL07	Pyrenean sedge-cloud sedge-black alpine sedge	CAPYP-CAHA6-CANI2
AL08	mountain sedge	CASC12
AL09	dwarf bilberry/varileaf cinquefoil	VACA13/PODI2
AL10	alpine clover/twinflower sandwort	TRDA2/MIOB2
AL11	Parry's clover/tufted hairgrass-alpine bistort	TRPA5/DECA18-POVI3
AL12	dwarf clover/twinflower sandwort	TRNA2/MIOB2
AL13	eightpetal mountain-avens/curly sedge-Colorado fescue	DROC/CARU3-FEBRC
AL14	snow willow	SANI8
AL15	arctic willow	SAAR27
AL16	white marsh marigold-ledge stonecrop (riparian forbland)	CALEL8/RHIN11
FD01	Rocky Mountain juniper/littleseed ricegrass	JUSC2/PIMI7
FD01A	Rocky Mountain juniper/muttongrass-sedge-littleseed ricegrass	JUSC2/POFE-CAREX-PIMI7

NRV_PV_COVER_TYPES (CONT.)**Reference Code 206 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
FD01B	Rocky Mountain juniper/blue grama-big sagebrush	JUSC2/BOGR2-ARTR2
FD01C	Rocky Mountain juniper/big sagebrush-Indian ricegrass	JUSC2/ARTR2-ACHY
FD02	ponderosa pine/Arizona fescue	PIPO/FEAR2
FD02A	ponderosa pine/Arizona fescue-mountain muhly	PIPO/FEAR2-MUMO
FD02B	ponderosa pine/Arizona fescue-big sagebrush (sparse)	PIPO/FEAR2-ARTR2
FD03	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
FD03A	ponderosa pine/antelope bitterbrush-big sagebrush-Arizona fescue	PIPO/PUTR2-ARTR2-FEAR2
FD03B	ponderosa pine/antelope bitterbrush-big sagebrush-muttongrass	PIPO/PUTR2-ARTR2-POFE
FD03C	ponderosa pine/antelope bitterbrush-muttongrass (sparse)	PIPO/PUTR2-POFE
FD04	bristlecone pine/wax currant-Arizona fescue-mountain muhly-Parry's oatgrass	PIAR/RICE-FEAR2-MUMO-DAPA2
FD04A	bristlecone pine/wax currant-Arizona fescue-mountain muhly-Parry's oatgrass	PIAR/RICE-FEAR2-MUMO-DAPA2
FD04B	bristlecone pine/wax currant-Arizona fescue	PIAR/RICE-FEAR2
FD04C	bristlecone pine/Arizona fescue-mountain muhly	PIAR/FEAR2-MUMO
FD05	bristlecone pine/Thurber's fescue	PIAR/FETH
FD05A	bristlecone pine/Thurber's fescue/graminoids	PIAR/FETH/2GRAM
FD06	Douglas-fir/wax currant-Arizona fescue	PSME/RICE-FEAR2
FD06A	Douglas-fir/Arizona fescue	PSME/FEAR2
FD06B	ponderosa pine-Douglasfir/wax currant-Arizona fescue	PIPO-PSME/RICE-FEAR2
FD06C	Douglas-fir/wax currant-Arizona fescue-big sagebrush	PSME/RICE-FEAR2-ARTR2
FD06D	Douglas-fir/wax currant/grass	PSME/RICE/2GRAM
FD06E	Douglas-fir-Rocky Mountain juniper/sparse wax currant-Wheeler bluegrass	PSME-JUSC2/RICE-PONE2
FD06F	Douglas-fir/Arizona fescue (sparse)	PSME/FEAR2
FD06G	Douglas-fir/ sparse wax currant	PSME/RICE
FD08	Douglas-fir/Saskatoon serviceberry	PSME/AMAL2
FD08A	Douglas-fir/Saskatoon serviceberry-roundleaf snowberry-muttongrass	PSME/AMAL2-SYRO-POFE
FD08B	Douglas-fir-quaking aspen-common juniper/Saskatoon serviceberry-Thurber's fescue-Geyer's sedge	PSME-POTR5-JUCO6/AMAL2-FETH-CAGE2
FD08C	Douglas-fir-Rocky Mountain maple/rose-roundleaf snowberry	PSME-ACGL/ROSA5-SYRO
FD08D	quaking aspen/Saskatoon serviceberry-common juniper-roundleaf snowberry-northern bedstraw	POTR5/AMAL2-JUCO6-SYRO-GABO2
FD08E	Douglas-fir/Saskatoon serviceberry-Geyer's sedge-creeping barberry	PSME/AMAL2-CAGE2-MARE11
FD08F	Douglas-fir/Saskatoon serviceberry-creeping barberry-sparse roundleaf snowberry	PSME/AMAL2-MARE11-SYRO
FD08G	quaking aspen-common juniper/Saskatoon serviceberry-Geyer's sedge-sparse roundleaf snowberry	POTR5-JUCO6/AMAL2-CAGE2-SYRO

NRV_PV_COVER_TYPES (CONT.)**Reference Code 206 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
FD08H	lodgepole pine-quaking aspen-Douglas-fir/Saskatoon serviceberry-kinnikinnick-Geyer's sedge	PICO-POTR5-PSME/AMAL2-ARUV-CAGE2
FD09	Douglas-fir/Oregon boxleaf	PSME/PAMY
FD09A	Douglas-fir-quaking aspen-common juniper/Oregon boxleaf-Geyer's sedge	PSME-POTR5-JUCO6/PAMY-CAGE2
FD09B	Douglas-fir-common juniper/Oregon boxleaf-creeping barberry	PSME-JUCO6/PAMY-MARE11
FD09C	lodgepole pine/dwarf bilberry	PICO/VACA13
FD09D	lodgepole pine-quaking aspen-common juniper/Oregon boxleaf-Geyer's sedge-heartleaf arnica	PICO-POTR5-JUCO6/PAMY-CAGE2-ARCO9
FD09E	quaking aspen-Douglas-fir-common juniper/Oregon boxleaf-rose-Geyer's sedge	POTR5-PSME-JUCO6/PAMY-ROSA5-CAGE2
FD09F	quaking aspen/Oregon boxleaf-rose-Geyer's sedge-fringed brome-silvery lupine	POTR5/PAMY-ROSA5-CAGE2-BRCIC3-LUAR3
FD10	Douglas-fir/antelope bitterbrush	PSME/PUTR2
FD11	Douglas-fir/Geyer's sedge	PSME/CAGE2
FD12	Douglas-fir/Thurber's fescue	PSME/FETH
FD13	Douglas-fir/kinnikinnick	PSME/ARUV
FD14	Douglas-fir-lodgepole pine/russet buffaloberry	PSME-PICO/SHCA
FD15	blue spruce/Arizona fescue	PIPU/FEAR2
FD16	blue spruce-Engelmann spruce/kinnikinnick	PIPU-PIEN/ARUV
FD17	lodgepole pine/dryspike sedge	PICO/CAFO3
FD18	lodgepole pine/whortleberry	PICO/VAMYO
FD19	lodgepole pine (sparse)	PICO
FL01	subalpine fir-Douglas-fir/Oregon boxleaf	ABLAL-PSME/PAMY
FL02	subalpine fir/twinflower	ABLAL/LIBO3
FL03	subalpine fir-Engelmann spruce/Oregon boxleaf	ABLAL-PIEN/PAMY
FL04A	Engelmann spruce-quaking aspen/Thurber's fescue-timber oatgrass	PIEN-POTR5/FETH-DAIN
FL04B	subalpine fir-Engelmann spruce/dwarf bilberry	ABLA-PIEN/VACA13
FL05	subalpine fir-Engelmann spruce/Geyer's sedge	ABLAL-PIEN/CAGE2
FL06	subalpine fir-Engelmann spruce/moss	ABLAL-PIEN/2MOSS
FL07	subalpine fir-Engelmann spruce/russet buffaloberry	ABLAL-PIEN/SHCA
FL08	Engelmann spruce/gooseberry currant	PIEN/RIMO2
FL09	subalpine fir-Engelmann spruce/whortleberry	ABLAL-PIEN/VAMYO
FL10	subalpine fir-Engelmann spruce/grayleaf willow	ABLAL-PIEN/SAGL
FL11	limber pine/common juniper	PIFL2/JUCO6
FM1	quaking aspen/Saskatoon serviceberry-roundleaf snowberry	POTR5/AMAL2-SYRO
FM2	quaking aspen/Thurber's fescue	POTR5/FETH
FM3	quaking aspen/Fendler's meadow-rue-Nevada pea	POTR5/THFE-LALAL3
FR1	narrowleaf cottonwood/Pacific willow-fowl bluegrass	POAN3/SALUL-POPA2
FR2	quaking aspen-narrowleaf cottonwood/bluejoint	POTR5-POAN3/CACA4
FR3	blue spruce-narrowleaf cottonwood/thinleaf alder-dryspike sedge	PIPU-POAN3/ALINT-CAFO3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 206 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
FR4	blue spruce-Engelmann spruce/twinberry honeysuckle-bluejoint	PIPU-PIEN/LOINI-CACA4
FR5	blue spruce-Engelmann spruce/redosier dogwood	PIPU-PIEN/COSES
FR6	subalpine fir-Engelmann spruce/arrowleaf ragwort-tall fringed bluebells-heartleaf bittercress	ABLAL-PIEN/SETR-MECI3-CACO6
GA01	Indian ricegrass/needle and thread-blue grama	ACHY/HECO26-BOGR2
GA02	Arizona fescue/pingue rubberweed	FEAR2/HYRIR
GA03	Arizona fescue/mountain muhly-slimstem muhly	FEAR2/MUMO-MUFI
GA04	Thurber's fescue/Arizona fescue	FETH/FEAR2
GA05	Thurber's fescue/Idaho fescue	FETH/FEID
GA06	Thurber's fescue/Fendler's meadow-rue-American vetch-Geyer's sedge	FETH/THFE-VIAM-CAGE2
GA07	Porter's licorice-root/ Fendler's meadow-rue	LIPO/THFE
GA08	Idaho fescue/slender wheatgrass	FEID/ELTR7
GA09	timber oatgrass/tufted hairgrass	DAIN/DECA18
GA10	purple reedgrass/spreading wheatgrass	CAPU/ELSC4
RI1	yellow willow/Northwest Territory sedge	SALU2/CAUT
RI2	Drummond's willow/bluejoint-Northwest Territory sedge	SADR/CACA4-CAUT
RI3	park willow/Northwest Territory sedge	SAMO2/CAUT
RI4	diamondleaf willow/water sedge	SAPL2/CAAQ
RI5	Wolf's willow-diamondleaf willow/water sedge	SAWO-SAPL2/CAAQ
RI6	shrubby cinquefoil/Idaho fescue	DAFL3/FEID
RI7	diamondleaf willow/white marsh marigold	SAPL2/CALEL8
RI8	grayleaf willow-shortfruit willow/water sedge	SAGL-SABR/CAAQ
RI9	water sedge-Northwest Territory sedge/tufted hairgrass	CAAQ-CAUT/DECA18
SA1	Utah serviceberry/White Mountain sedge-sun sedge	AMUT/CAGE-CAINH2
SA2	Utah serviceberry-alderleaf mountain mahogany/dryland sedge-sun sedge	AMUT-CEMO2/CAGE-CAINH2
SA3	Utah serviceberry-Saskatoon serviceberry-Gambel oak/White Mountain sedge-Geyer's sedge	AMUT-AMAL2-QUGA/CAGE-CAGE2
SA4	Saskatoon serviceberry-Utah serviceberry/green needlegrass-spike fescue	AMAL2-AMUT/NAV14-LEKI2
SA5	Saskatoon serviceberry/Geyer's sedge	AMAL2/CAGE2
SA6	Saskatoon serviceberry/Thurber's fescue	AMAL2/FETH
SA7	oceanspray-common juniper-shrubby cinquefoil-skunkbush sumac-wax currant-American red raspberry	HODI-JUCO6-DAFL3-RHTR-RICE-RUID
SB1	Wyoming big sagebrush/Indian ricegrass	ARTRW8/ACHY
SB2	black sagebrush/muttongrass-pine needlegrass	ARNO4/POFE-ACPI2
SB3	black sagebrush/Arizona fescue	ARNO4/FEAR2
SS1	big sagebrush/muttongrass-pine needlegrass	ARTR2/POFE-ACPI2
SS2	antelope bitterbrush-big sagebrush/needle and thread-pine needlegrass	PUTR2-ARTR2/HECO26-ACPI2
SS3	big sagebrush/Parry's oatgrass-Arizona fescue	ARTR2/DAPA2-FEAR2
SS4	big sagebrush/Arizona fescue	ARTR2/FEAR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 206 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SS5	antelope bitterbrush-big sagebrush/Parry's oatgrass-Arizona fescue	PUTR2-ARTR2/DAPA2-FEAR2
SS6	antelope bitterbrush-big sagebrush/Arizona fescue	PUTR2-ARTR2/FEAR2
SU1	mountain big sagebrush/Thurber's fescue-Arizona fescue	ARTRV/FETH-FEAR2
SU2	mountain big sagebrush/Thurber's fescue-Idaho fescue	ARTRV/FETH-FEID
SU3	mountain big sagebrush/Idaho fescue	ARTRV/FEID
SU4	little sagebrush/Perry's oatgrass-Idaho fescue	ARAR8/DAPA2-FEID
SU5	little sagebrush-mountain big sagebrush/Parry's oatgrass-Idaho fescue	ARAR8-ARTRV/DAPA2-FEID
SU6	little sagebrush/Parry's oatgrass-Thurber's fescue-Idaho fescue	ARAR8/DAPA2-FETH-FEID
SU7	silver sagebrush/Thurber's fescue-Idaho fescue	ARCA13/FETH-FEID

Reference Code 207

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
002	subalpine fir series	ABLA
00201	subalpine fir/Geyer's sedge	ABLA/CAGE2
00202	subalpine fir/grouse whortleberry	ABLA/VASC
00211	subalpine fir/moss	ABLA/2MOSS
009	lodgepole pine series	PICO
00903	lodgepole pine/Geyer's sedge	PICO/CAGE2
00905	lodgepole pine/common juniper	PICO/JUCO6
00908	lodgepole pine/russet buffaloberry	PICO/SHCA
00910	lodgepole pine/grouse whortleberry	PICO/VASC
00911	lodgepole pine/Ross' sedge	PICO/CAR05
010	limber pine series	PIFL2
01004	limber pine/spike fescue	PIFL2/LEKI2
01005	limber pine/common juniper	PIFL2/JUCO6
011	ponderosa pine series	PIPO
01105	ponderosa pine/Geyer's sedge	PIPO/CAGE2
01106	ponderosa pine/Ross' sedge	PIPO/CAR05
01140	ponderosa pine/kinnikinnick	PIPO/ARUV
012	Douglas-fir series	PSME
105	quaking aspen series	POTR5
10501	quaking aspen/Geyer's sedge	POTR5/CAGE2
105010	quaking aspen/Geyer's sedge	POTR5/CAGE2
10512	quaking aspen/Fendler's meadow-rue	POTR5/THFE
10517	quaking aspen/pinegrass	POTR5/CARU
11050	ponderosa pine/Geyer's sedge	PIPO/CAGE2
11060	ponderosa pine/Ross' sedge	PIPO/CAR05
11400	ponderosa pine/kinnikinnick	PIPO/ARUV
203	Rocky Mountain juniper series	JUSC2
2110	subalpine fir/moss	ABLA/2MOSS

NRV_PV_COVER_TYPES (CONT.)**Reference Code 207 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
313	Gambel oak series	QUGA
323	thinleaf alder	ALINT
41070	limber pine/common juniper	PIFL2/JUCO6
41080	limber pine/spike fescue	PIFL2/LEKI2
41730	subalpine fir/grouse whortleberry	ABLA/VASC
41790	subalpine fir/Geyer's sedge	ABLA/CAGE2
41940	lodgepole pine/grouse whortleberry	PICO/VASC
41955	lodgepole pine/Geyer's sedge	PICO/CAGE2
41960	lodgepole pine/common juniper	PICO/JUCO6
41970	lodgepole pine/Ross' sedge	PICO/CAR05
41975	lodgepole pine/russet buffaloberry	PICO/SHCA
42006	quaking aspen/pinegrass	POTR5/CARU
42007	quaking aspen/Fendler's meadow-rue	POTR5/THFE

Reference Code 208

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
002	subalpine fir series	ABLA
00202	subalpine fir/grouse whortleberry	ABLA/VASC
00205	subalpine fir/heartleaf arnica	ABLA/ARCO9
00212	subalpine fir/russet buffaloberry	ABLA/SHCA
004	Engelmann spruce series	PIEN
00414	Engelmann spruce/grouse whortleberry	PIEN/VASC
009	lodgepole pine series	PICO
00901	lodgepole pine/kinnikinnick	PICO/ARUV
00910	lodgepole pine/grouse whortleberry	PICO/VASC
011	ponderosa pine series	PIPO
01110	ponderosa pine/Idaho fescue	PIPO/FEID
01112	ponderosa pine/common juniper	PIPO/JUCO6
01119	ponderosa pine/mountain ninebark	PIPO/PHMO4
01123	ponderosa pine/white spirea	PIPO/SPBE2
01125	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
012	Douglas-fir series	PSME
01203	Douglas-fir/creeping barberry	PSME/MARE11
012032	Douglas-fir/creeping barberry-common juniper	PSME/MARE11-JUCO6
01213	Douglas-fir/mountain ninebark	PSME/PHMO4
105	quaking aspen series	POTR5
10507	quaking aspen/silvery lupine	POTR5/LUAR3
105070	quaking aspen/silvery lupine	POTR5/LUAR3
11120	ponderosa pine/common juniper	PIPO/JUCO6
11190	ponderosa pine/mountain ninebark	PIPO/PHMO4
11230	ponderosa pine/white spirea	PIPO/SPBE2
12130	Douglas-fir/mountain ninebark	PSME/PHMO4
41130	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
41140	ponderosa pine/Idaho fescue	PIPO/FEID

NRV_PV_COVER_TYPES (CONT.)**Reference Code 208 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41395	Douglas-fir/creeping barberry	PSME/MARE11
41485	Engelmann spruce/grouse whortleberry	PIEN/VASC
41730	subalpine fir/grouse whortleberry	ABLA/VASC
41780	subalpine fir/heartleaf arnica	ABLA/ARCO9
41940	lodgepole pine/grouse whortleberry	PICO/VASC
41956	lodgepole pine/kinnikinnick	PICO/ARUV
999	subalpine fir/russet buffaloberry	ABLA/SHCA

Reference Code 209

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
002	subalpine fir series	ABLA
00201	subalpine fir/Geyer's sedge	ABLA/CAGE2
00202	subalpine fir/grouse whortleberry	ABLA/VASC
00206	subalpine fir/arrowleaf ragwort	ABLA/SETR
00208	subalpine fir/bluejoint	ABLA/CACA4
004	Engelmann spruce series	PIEN
00413	Engelmann spruce/alpine clover	PIEN/TRDA2
006	blue spruce series	PIPU
00602	blue spruce/heartleaf arnica	PIPU/ARCO9
008	bristlecone pine series	PIAR
00803	bristlecone pine/alpine clover	PIAR/TRDA2
009	lodgepole pine series	PIAR
00903	lodgepole pine/Geyer's sedge	PICO/CAGE2
00905	lodgepole pine/common juniper	PICO/JUCO6
00908	lodgepole pine/russet buffaloberry	PICO/SHCA
00910	lodgepole pine/grouse whortleberry	PICO/VASC
010	limber pine series	PIFL2
01002	limber pine/purple reedgrass	PIFL2/CAPU
01005	limber pine/common juniper	PIFL2/JUCO6
01006	limber pine/alpine clover	PIFL2/TRDA2
011	ponderosa pine series	PIPO
01106	ponderosa pine/Ross' sedge	PIPO/CAR05
01107	ponderosa pine/alderleaf mountain mahogany	PIPO/CEMO2
01111	ponderosa pine/spike fescue	PIPO/LEKI2
01120	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
01133	ponderosa pine/mountain muhly	PIPO/MUMO
012	Douglas-fir series	PSME
01204	Douglas-fir/Ross' sedge	PSME/CAR05
01206	Douglas-fir/Geyer's sedge	PSME/CAGE2
01209	Douglas-fir/fivepetal cliffbush	PSME/JAAM
01213	Douglas-fir/mountain ninebark	PSME/PHMO4
103	narrowleaf cottonwood	POAN3
10302	narrowleaf cottonwood/narrowleaf willow	POAN3/SAEX
105	quaking aspen series	POTR5

NRV_PV_COVER_TYPES (CONT.)**Reference Code 209 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
10501	quaking aspen/Geyer's sedge	POTR5/CAGE2
10503	quaking aspen/Thurber's fescue	POTR5/FETH
10512	quaking aspen/Fendler's meadow-rue	POTR5/THFE
203	Rocky Mountain juniper series	JUSC2
20302	Rocky Mountain juniper/big sagebrush	JUSC2/ARTR2
20304	Rocky Mountain juniper/alderleaf mountain mahogany	JUSC2/CEMO2
20306	Rocky Mountain juniper/antelope bitterbrush	JUSC2/PUTR2

Reference Code 210

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
002	subalpine fir series	ABLA
00201	subalpine fir/Geyer's sedge	ABLA/CAGE2
00202	subalpine fir/grouse whortleberry	ABLA/VASC
00603	blue spruce/bluegrass	PIPU/POA
011	ponderosa pine series	PIPO
012	Douglas-fir series	PSME
01211	Douglas-fir/Oregon boxleaf	PSME/PAMY
105	quaking aspen series	POTR5
10501	quaking aspen/Geyer's sedge	POTR5/CAGE2
10510	quaking aspen/western brackenfern	POTR5/PTAQ
10511	quaking aspen/mountain snowberry	POTR5/SYOR2
10512	quaking aspen/Fendler's meadow-rue	POTR5/THFE
10546	quaking aspen/eltrot	POTR5/HESP6
204	twoneedle pinyon series	PIED
31305	Gambel oak/mountain snowberry	QUGA/SYOR2

Reference Code 301

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
001010	white fir/Rocky Mountain maple	ABCO/ACGL
001011	white fir/Rocky Mountain maple/creeping barberry	ABCO/ACGL/MARE11
001012	white fir/Rocky Mountain maple/rockspirea	ABCO/ACGL/HODU
001013	white fir/Rocky Mountain maple (riparian)	ABCO/ACGL
001020	white fir/creeping barberry	ABCO/MARE11
001021	white fir/creeping barberry/New Mexico locust	ABCO/MARE11/RONE
001022	white fir/creeping barberry/common juniper	ABCO/MARE11/JUCO6
001030	white fir/sprucefir fleabane	ABCO/EREX4
001040	white fir/Arizona fescue	ABCO/FEAR2
001041	white fir/Arizona fescue/muttongrass	ABCO/FEAR2/POFE
001042	white fir/Arizona fescue/Gambel oak	ABCO/FEAR2/QUGA
001050	white fir/Gambel oak	ABCO/QUGA
001051	white fir/Gambel oak/screwleaf muhly	ABCO/QUGA/MUVI2
001052	white fir/Gambel oak/Arizona fescue	ABCO/QUGA/FEAR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 301 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
001053	white fir/Gambel oak/pine muhly	ABCO/QUGA/MUDU
001054	white fir/Gambel oak/rockspirea	ABCO/QUGA/HODU
001060	white fir/screwleaf muhly	ABCO/MUVI2
001070	white fir/Nevada pea	ABCO/LALAL3
001080	white fir/bigtooth maple	ABCO/ACGR3
001081	white fir/bigtooth maple/rockspirea	ABCO/ACGR3/HODU
001090	white fir/kinnikinnick	ABCO/ARUV
001100	white fir/whortleberry	ABCO/VAMY2
001110	white fir/New Mexico locust	ABCO/RONE
001111	white fir/New Mexico locust/dryspike sedge	ABCO/RONE/CAFO3
001120	white fir/beardless wildrye	ABCO/LETR5
001130	white fir/Arizona walnut	ABCO/JUMA
001140	white fir/mountain snowberry/ponderosa pine	ABCO/SYOR2/PIPO
001141	white fir/mountain snowberry/limber pine	ABCO/SYOR2/PIFL2
001150	white fir/dryspike sedge	ABCO/CAFO3
001160	white fir/burnet ragwort	ABCO/PASA12
003	subalpine fir (riparian)	ABLAL
003060	subalpine fir/tall fringed bluebells	ABLAL/MECI3
003080	subalpine fir/sprucefir fleabane	ABLAL/EREX4
003090	subalpine fir/common juniper	ABLAL/JUCO6
003110	subalpine fir/moss	ABLAL/2MOSS
003111	subalpine fir/moss/Engelmann spruce	ABLAL/2MOSS/PIEN
003112	subalpine fir/moss/Douglas-fir	ABLAL/2MOSS/PSME
003200	subalpine fir/whortleberry	ABLAL/VAMY2
003201	subalpine fir/whortleberry/twinflower	ABLAL/VAMY2/LIBO3
003202	subalpine fir/whortleberry/thimbleberry	ABLAL/VAMY2/RUPA
003203	subalpine fir/whortleberry/fivepetal cliffbush	ABLAL/VAMY2/JAAM
003231	subalpine fir/thimbleberry/Rocky Mountain maple	ABLAL/RUPA/ACGL
003240	subalpine fir/thimbleberry	ABLAL/RUPA
003300	subalpine fir/burnet ragwort	ABLAL/PASA12
003301	subalpine fir/burnet ragwort/Douglas-fir	ABLAL/PASA12/PSME
003310	subalpine fir/Nevada pea	ABLAL/LALAL3
003320	subalpine fir/ fivepetal cliffbush	ABLAL/JAAM
003350	subalpine fir (scree)	ABLAL
003370	subalpine fir/dryspike sedge	ABLAL/CAFO3
004060	Engelmann spruce/moss	PIEN/2MOSS
004061	Engelmann spruce/moss/Engelmann spruce	PIEN/2MOSS/PIEN
004062	Engelmann spruce/moss/Douglas-fir	PIEN/2MOSS/PSME
00415	Engelmann spruce/whortleberry/Jacob's-ladder	PIEN/VAMY2/POPUD3
004151	Engelmann spruce/whortleberry/Jacob's-ladder/Engelmann spruce	PIEN/VAMY2/POPUD3/PIEN
004152	Engelmann spruce/whortleberry/Jacob's-ladder/subalpine fir	PIEN/VAMY2/POPUD3/ABLA
004300	Engelmann spruce/Rocky Mountain maple	PIEN/ACGL
004310	Engelmann spruce/sprucefir fleabane	PIEN/EREX4
004320	Engelmann spruce/beardless wildrye	PIEN/LETR5

NRV_PV_COVER_TYPES (CONT.)**Reference Code 301 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
004330	Engelmann spruce/Ross' avens	PIEN/GERO2
004340	Engelmann spruce/gooseberry currant	PIEN/RIMO2
00435	Engelmann spruce/bittercress ragwort	PIEN/PACA34
004350	Engelmann spruce/bittercress ragwort/subalpine fir	PIEN/PACA34/ABLAL
004351	Engelmann spruce/bittercress ragwort/white fir	PIEN/PACA34/ABCO
004360	Engelmann spruce/whortleberry	PIEN/VAMY2
006010	blue spruce/redosier dogwood	PIPU/COSES
00604	blue spruce/twinflower	PIPU/LIBO3
006060	blue spruce/dryspike sedge	PIPU/CAFO3
006070	blue spruce/sprucefir fleabane	PIPU/EREX4
006071	blue spruce/sprucefir fleabane/ponderosa pine	PIPU/EREX4/PIPO
006080	blue spruce/kinnikinnick	PIPU/ARUV
006090	blue spruce/Arizona fescue	PIPU/FEAR2
006130	blue spruce/bittercress ragwort	PIPU/PACA34
011	blue spruce (riparian)	PIPU
011030	ponderosa pine/blue grama	PIPO/BOGR2
011031	ponderosa pine/blue grama/little bluestem	PIPO/BOGR2/SCSC
011032	ponderosa pine/blue grama/sand bluestem	PIPO/BOGR2/ANHA
011033	ponderosa pine/blue grama/big sagebrush	PIPO/BOGR2/ARTR2
011034	ponderosa pine/blue grama/gray oak	PIPO/BOGR2/QUGR3
011035	ponderosa pine/blue grama/Gambel oak	PIPO/BOGR2/QUGA
011090	ponderosa pine/Arizona fescue	PIPO/FEAR2
011091	ponderosa pine/Arizona fescue/Parry's oatgrass	PIPO/FEAR2/DAPA2
011092	ponderosa pine/Arizona fescue/blue grama	PIPO/FEAR2/BOGR2
011093	ponderosa pine/Arizona fescue/Gambel oak	PIPO/FEAR2/QUGA
011130	white fir (scree)	ABCO
011210	ponderosa pine/Gambel oak	PIPO/QUGA
011211	ponderosa pine/Gambel oak/Arizona fescue	PIPO/QUGA/FEAR2
011212	ponderosa pine/Gambel oak/longtongue muhly	PIPO/QUGA/MULO
011213	ponderosa pine/Gambel oak/twoneedle pinyon	PIPO/QUGA/PIED
011214	ponderosa pine/Gambel oak/mountain muhly	PIPO/QUGA/MUMO
011215	ponderosa pine/Gambel oak/blue grama	PIPO/QUGA/BOGR2
011216	ponderosa pine/Gambel oak/New Mexico locust	PIPO/QUGA/RONE
011220	ponderosa pine/silverleaf oak	PIPO/QUHY
011320	ponderosa pine/Stansbury cliffrose	PIPO/PUST
011330	ponderosa pine/mountain muhly	PIPO/MUMO
011340	ponderosa pine/screwleaf muhly	PIPO/MUVI2
011341	ponderosa pine/screwleaf muhly/Gambel oak	PIPO/MUVI2/QUGA
011350	ponderosa pine/Indian ricegrass	PIPO/ACHY
011360	ponderosa pine/gray oak/mountain muhly	PIPO/QUGR3/MUMO
011361	ponderosa pine/gray oak/longtongue muhly	PIPO/QUGR3/MULO
011370	ponderosa pine/wavyleaf oak	PIPO/QUPA4
011380	ponderosa pine/black sagebrush	PIPO/ARNO4
011390	ponderosa pine/screwleaf muhly-Arizona fescue	PIPO/MUVI2-FEAR2
011391	ponderosa pine/screwleaf muhly-Arizona fescue/blue grama	PIPO/MUVI2-FEAR2/BOGR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 301 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
011392	ponderosa pine/screwleaf muhly-Arizona fescue/Gambel oak	PIPO/MUVI2-FEAR2/QUGA
011400	ponderosa pine/kinnikinnick	PIPO/ARUV
011410	ponderosa pine/Arizona white oak	PIPO/QUAR
011411	ponderosa pine/Arizona white oak/blue grama	PIPO/QUAR/BOGR2
011420	ponderosa pine/pointleaf manzanita	PIPO/ARPU5
011430	ponderosa pine/netleaf oak	PIPO/QURU4
011440	ponderosa pine/Emory oak	PIPO/QUEM
011460	ponderosa pine (scree)	PIPO
011470	ponderosa pine/Arizona walnut	PIPO/JUMA
011500	ponderosa pine/rockland	PIPO
01203	Douglas-fir/creeping barberry	PSME/MARE11
01213	Douglas-fir/mountain ninebark	PSME/PHMO4
012140	Douglas-fir/Gambel oak	PSME/QUGA
012141	Douglas-fir/Gambel oak/Arizona fescue	PSME/QUGA/FEAR2
012142	Douglas-fir/Gambel oak/screwleaf muhly	PSME/QUGA/MUVI2
012143	Douglas-fir/Gambel oak/rockspirea	PSME/QUGA/HODU
01231	Douglas-fir/kinnikinnick	PSME/ARUV
012320	Douglas-fir/fringed brome	PSME/BRCI2
012330	Douglas-fir/Arizona fescue	PSME/FEAR2
012331	Douglas-fir/Arizona fescue/bristlecone pine	PSME/FEAR2/PIAR
012332	Douglas-fir/Arizona fescue/limber pine	PSME/FEAR2/PIFL2
012333	Douglas-fir/Arizona fescue/quaking aspen	PSME/FEAR2/POTR5
012340	Douglas-fir/mountain muhly/twoneedle pinyon	PSME/MUMO/PIED
012341	Douglas-fir/mountain muhly/limber pine	PSME/MUMO/PIFL2
012350	Douglas-fir/screwleaf muhly	PSME/MUVI2
012360	Douglas-fir/silverleaf oak/ponderosa pine	PSME/QUHY/PIPO
012361	Douglas-fir/silverleaf oak/Chihuahuan pine	PSME/QUHY/PILE
012362	Douglas-fir/silverleaf oak/netleaf oak	PSME/QUHY/QURU4
012380	Douglas-fir (scree)	PSME
01239	Douglas-fir/bigtooth maple	PSME/ACGR3
01241	Douglas-fir/rockspirea	PSME/HODU
01242	Douglas-fir/wavyleaf oak	PSME/QUPA4
012420	Douglas-fir/wavyleaf oak	PSME/QUPA4
012430	Douglas-fir/Arizona white oak	PSME/QUAR
03101	Arizona cypress/silverleaf oak	CUAR/QUHY
03102	Arizona cypress/Sonoran scrub oak	CUAR/QUTU2
032010	Apache pine/longtongue muhly	PIEN2/MULO
032030	Apache pine/silverleaf oak	PIEN2/QUHY
033010	Chihuahuan pine/pinyon ricegrass	PILE/PIFI
033020	Chihuahuan pine/Arizona white oak	PILE/QUAR
033030	Chihuahuan pine/silverleaf oak	PILE/QUHY
103	narrowleaf cottonwood (riparian)	POAN3
104	Rio grande cottonwood (riparian)	PODEW
123	thinleaf alder (riparian)	ALINT
130	Arizona sycamore (riparian)	PLWR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 301 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
201010	oneseed juniper/sideoats grama	JUMO/BOCU
201011	oneseed juniper/sideoats grama/sacahuista	JUMO/BOCU/NOMI
201020	oneseed juniper/blue grama	JUMO/BOGR2
201040	oneseed juniper/big sagebrush	JUMO/ARTR2
201331	oneseed juniper/rubber rabbitbrush-Apache plume	JUMO/ERNAN5-FAPA
201332	oneseed juniper/rubber rabbitbrush-Apache plume/big sagebrush	JUMO/ERNAN5-FAPA/ARTR2
201333	oneseed juniper/rubber rabbitbrush-Apache plume/gray oak	JUMO/ERNAN5-FAPA/QUGR3
201340	oneseed juniper/sand bluestem	JUMO/ANHA
201350	oneseed juniper/Bigelow sage	JUMO/ARBI3
20140	oneseed juniper/winterfat	JUMO/KRLA2
201400	oneseed juniper/wavyleaf oak	JUMO/QUPA4
201410	oneseed juniper/sacahuista-lechuguilla	JUMO/NOMI-AGLE
201420	oneseed juniper/lechuguilla	JUMO/AGLE
201430	Pinchot's juniper/creosote bush	JUPI/LATR2
202020	Utah juniper/big sagebrush	JUOS/ARTR2
202320	Utah juniper/blue grama	JUOS/BOGR2
202321	Utah juniper/blue grama/Stansbury cliffrose	JUOS/BOGR2/PUST
202330	Utah juniper/tobosagrass/mesquite	JUOS/PLMU3/PROSO
202331	Utah juniper/tobosagrass/singleleaf pinyon	JUOS/PLMU3/PIMOF
202500	Utah juniper-oneseed juniper/sparse	JUOS-JUMO
204010	twoneedle pinyon/big sagebrush/Utah juniper	PIED/ARTR2/JUOS
204011	twoneedle pinyon/big sagebrush/oneseed juniper	PIED/ARTR2/JUMO
204012	twoneedle pinyon/big sagebrush/Rocky Mountain juniper	PIED/ARTR2/JUSC2
204021	twoneedle pinyon/blue grama/Utah juniper	PIED/BOGR2/JUOS
204022	twoneedle pinyon/blue grama/oneseed juniper	PIED/BOGR2/JUMO
204023	twoneedle pinyon/blue grama/alligator juniper	PIED/BOGR2/JUDE2
204024	twoneedle pinyon/blue grama (hillslope)	PIED/BOGR2
2040301	twoneedle pinyon/alderleaf mountain mahogany/wavyleaf oak	PIED/CEMO2/QUPA4
2040302	twoneedle pinyon/alderleaf mountain mahogany/gray oak	PIED/CEMO2/QUGR3
2040303	twoneedle pinyon/alderleaf mountain mahogany/Gambel oak	PIED/CEMO2/QUGA
20404	twoneedle pinyon/Gambel oak	PIED/QUGA
204050	twoneedle pinyon/antelope bitterbrush	PIED/PUTR2
20406	twoneedle pinyon/muttongrass	PIED/POFE
20410	twoneedle pinyon/pine muhly	PIED/MUDU
20411	twoneedle pinyon/New Mexico muhly	PIED/MUPA2
204300	twoneedle pinyon/sand bluestem	PIED/ANHA
20431	twoneedle pinyon/Arizona fescue	PIED/FEAR2
204320	twoneedle pinyon/Stansbury cliffrose	PIED/PUST
204321	twoneedle pinyon/Stansbury cliffrose/big sagebrush	PIED/PUST/ARTR2
204330	twoneedle pinyon/rubber rabbitbrush-Apache plume	PIED/ERNAN5-FAPA

NRV_PV_COVER_TYPES (CONT.)

Reference Code 301 (cont.)

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
204350	twoneedle pinyon/rockland	PIED
204360	twoneedle pinyon/wavyleaf oak	PIED/QUPA4
204370	twoneedle pinyon/Dore's needlegrass	PIED/ACNED
204400	twoneedle pinyon/pointleaf manzanita	PIED/ARPU5
20441	twoneedle pinyon/blackbrush	PIED/CORA
204500	twoneedle pinyon/sparse	PIED
230030	redberry juniper/crucifixion thorn	JUC011/CAH03
230040	redberry juniper/Sonoran scrub oak	JUC011/QUTU2
230041	redberry juniper/Sonoran scrub oak/mesquite	JUC011/QUTU2/PROSO
230042	redberry juniper/Sonoran scrub oak/blue grama	JUC011/QUTU2/BOGR2
231010	alligator juniper/pointleaf manzanita	JUDE2/ARPU5
231020	alligator juniper/blue grama	JUDE2/BOGR2
231021	alligator juniper/blue grama/honey mesquite	JUDE2/BOGR2/PRGL2
231030	alligator juniper/desert ceanothus	JUDE2/CEGR
231040	alligator juniper/skunkbush sumac	JUDE2/RHTR
231050	alligator juniper/bullgrass	JUDE2/MUEM
232020	border pinyon/Arizona orange	PID13/CHDUA
232030	border pinyon/bullgrass	PID13/MUEM
23204	border pinyon/pinyon ricegrass	PID13/PIFI
232050	border pinyon/Toumey oak	PID13/QUT02
232060	border pinyon/silverleaf oak	PID13/QUHY
232070	border pinyon/evergreen sumac	PID13/RHVIC
232330	border pinyon/rubber rabbitbrush-Apache plume	PID13/ERNAN5-FAPA
233010	singleleaf pinyon/pointleaf manzanita	PIMOF/ARPU5
233020	singleleaf pinyon/blue grama/alligator juniper	PIMOF/BOGR2/JUDE2
233021	singleleaf pinyon/blue grama/Utah juniper	PIMOF/BOGR2/JUOS
233022	singleleaf pinyon/blue grama/Stansbury cliffrose	PIMOF/BOGR2/PUST
233030	singleleaf pinyon/crucifixion thorn	PIMOF/CAH03
233040	singleleaf pinyon/Sonoran scrub oak (vegetation)	PIMOF/QUTU2
233041	singleleaf pinyon/Sonoran scrub oak (typic phase)	PIMOF/QUTU2
233042	singleleaf pinyon/Sonoran scrub oak/Stansbury cliffrose	PIMOF/QUTU2/PUST
233050	singleleaf pinyon/banana yucca	PIMOF/YUBA
233330	singleleaf pinyon/rubber rabbitbrush-Apache plume	PIMOF/ERNAN5-FAPA
238040	bristlecone pine/gooseberry currant	PIAR/RIM02
238300	bristlecone pine/Arizona fescue	PIAR/FEAR2
238310	bristlecone pine/Thurber's fescue	PIAR/FETH
240300	limber pine/kinnikinnick	PIFL2/ARUV
25000	woodland (scarp)	2TD
335	Bebb willow (riparian)	SABE2
610010	Mexican blue oak/mixed grama	QUOB/BOUTE
610020	Mexican blue oak/common sotol	QUOB/DAWH2
620010	Emory oak/pointleaf manzanita	QUEM/ARPU5
620020	Emory oak/sideoats grama	QUEM/BOCU
620021	Emory oak/sideoats grama/sacahuista	QUEM/BOCU/NOMI
620030	Emory oak/common sotol	QUEM/DAWH2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 310 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
620040	Emory oak/Arizona walnut	QUEM/JUMA
630010	gray oak/sideoats grama	QUGR3/BOCU
630020	gray oak/alderleaf mountain mahogany	QUGR3/CEMO2
630030	Arizona white oak/bullgrass	QUAR/MUEM
630040	Arizona white oak/skunkbush sumac	QUAR/RHTR
630041	Arizona white oak/skunkbush sumac/alligator juniper	QUAR/RHTR/JUDE2
630042	Arizona white oak/skunkbush sumac/oneseed juniper	QUAR/RHTR/JUMO
630043	Arizona white oak/skunkbush sumac/pinyon ricegrass	QUAR/RHTR/PIFI
630050	Arizona white oak/pinyon ricegrass	QUAR/PIFI
650010	silverleaf oak/longtongue muhly	QUHY/MULO

Reference Code 302

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
250000	SCARP	SCARP

Reference Code 401

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41010	limber pine series	PIFL2
41050	limber pine/Idaho fescue	PIFL2/FEID
41060	limber pine/curl-leaf mountain mahogany	PIFL2/CELE3
41070	limber pine/common juniper	PIFL2/JUCO6
41080	limber pine/spike fescue	PIFL2/LEKI2
41100	Ponderosa pine series	PIPO
41120	ponderosa pine/western needlegrass	PIPO/ACOCO
41130	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
41140	ponderosa pine/Idaho fescue	PIPO/FEID
41160	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
41161	ponderosa pine/antelope bitterbrush/bluebunch wheatgrass	PIPO/PUTR2/PSSPS
41162	ponderosa pine/antelope bitterbrush/Idaho fescue	PIPO/PUTR2/FEID
41170	ponderosa pine/common snowberry	PIPO/SYAL
41190	ponderosa pine/mallow ninebark	PIPO/PHMA5
41195	ponderosa pine/mountain snowberry	PIPO/SYOR2
41200	Douglas-fir	PSME
41210	Douglas-fir/bluebunch wheatgrass	PSME/PSSPS
41220	Douglas-fir/Idaho fescue	PSME/FEID
41221	Douglas-fir/Idaho fescue-Idaho fescue	PSME/FEID-FEID
41222	Douglas-fir/Idaho fescue/ponderosa pine	PSME/FEID/PIPO
41250	Douglas-fir/dwarf bilberry	PSME/VACA13
41260	Douglas-fir/mallow ninebark	PSME/PHMA5
41262	Douglas-fir/mallow ninebark/pinegrass	PSME/PHMA5/CARU
41264	Douglas-fir/mallow ninebark/ponderosa pine	PSME/PHMA5/PIPO

NRV_PV_COVER_TYPES (CONT.)**Reference Code 401 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41265	Douglas-fir/mallow ninebark/Douglas-fir	PSME/PHMA5/PSME
41280	Douglas-fir/thinleaf huckleberry	PSME/VAME
41290	Douglas-fir/twinflower	PSME/LIBO3
41310	Douglas-fir/common snowberry	PSME/SYAL
41313	Douglas-fir/common snowberry-common snowberry	PSME/SYAL-SYAL
41315	Douglas-fir/common snowberry/ponderosa pine	PSME/SYAL/PIPO
41320	Douglas-fir/pinegrass	PSME/CARU
41323	Douglas-fir/pinegrass-pinegrass	PSME/CARU-CARU
41324	Douglas-fir/pinegrass/ponderosa pine	PSME/CARU/PIPO
41325	Douglas-fir/pinegrass-Idaho fescue	PSME/CARU-FEID
41330	Douglas-fir/Geyer's sedge	PSME/CAGE2
41331	Douglas-fir/Geyer's sedge-Geyer's sedge	PSME/CAGE2-CAGE2
41332	Douglas-fir/Geyer's sedge/mountain snowberry	PSME/CAGE2/SYOR2
41334	Douglas-fir/Geyer's sedge/ponderosa pine	PSME/CAGE2/PIPO
41340	Douglas-fir/white spirea	PSME/SPBE2
41341	Douglas-fir/white spirea-white spirea	PSME/SPBE2-SPBE2
41343	Douglas-fir/white spirea-pinegrass	PSME/SPBE2-CARU
41344	Douglas-fir/white spirea/ponderosa pine	PSME/SPBE2/PIPO
41360	Douglas-fir/common juniper	PSME/JUCO6
41370	Douglas-fir/heartleaf arnica	PSME/ARCO9
41371	Douglas-fir/heartleaf arnica-heartleaf arnica	PSME/ARCO9-ARCO9
41372	Douglas-fir/heartleaf arnica/timber milkvetch	PSME/ARCO9/ASMI9
41375	Douglas-fir/sweetcicely	PSME/OSBE
41380	Douglas-fir/mountain snowberry	PSME/SYOR2
41385	Douglas-fir/curl-leaf mountain mahogany	PSME/CELE3
41390	Douglas-fir/Rocky Mountain maple	PSME/ACGL
41392	Douglas-fir/Rocky Mountain maple-mountain snowberry	PSME/ACGL-SYOR2
41393	Douglas-fir/Rocky Mountain maple-Rocky Mountain maple	PSME/ACGL-ACGL
41395	Douglas-fir/creeping barberry	PSME/MARE11
41396	Douglas-fir/creeping barberry-creeping barberry	PSME/MARE11-MARE11
41397	Douglas-fir/creeping barberry-mountain snowberry	PSME/MARE11-SYOR2
41398	Douglas-fir/creeping barberry-Geyer's sedge	PSME/MARE11-CAGE2
41400	Engelmann spruce series	PIEN
41410	Engelmann spruce/field horsetail	PIEN/EQAR
41440	Engelmann spruce/fragrant bedstraw	PIEN/GATR3
41490	Engelmann spruce/softleaf sedge	PIEN/CADI6
41493	Engelmann spruce/revolute hypnum moss	PIEN/HYRE70
41500	grand fir series	ABGR
41505	grand fir/white spirea	ABGR/SPBE2
41510	grand fir/common beargrass	ABGR/XETE
41511	grand fir/Idaho goldthread	ABGR/COOC
41515	grand fir/thinleaf huckleberry	ABGR/VAME
41520	grand fir/bride's bonnet	ABGR/CLUN2
41525	grand fir/Rocky Mountain maple	ABGR/ACGL

NRV_PV_COVER_TYPES (CONT.)**Reference Code 401 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41526	grand fir/Rocky Mountain maple-Rocky Mountain maple	ABGR/ACGL-ACGL
41527	grand fir/Rocky Mountain maple-mallow ninebark	ABGR/ACGL-PHMA5
41580	grand fir/dwarf bilberry	ABGR/VACA13
41585	grand fir/pinegrass	ABGR/CARU
41590	grand fir/twinflower	ABGR/LIBO3
41591	grand fir/twinflower-twinflower	ABGR/LIBO3-LIBO3
41592	grand fir/twinflower-common beargrass	ABGR/LIBO3-XETE
41593	grand fir/twinflower/thinleaf huckleberry	ABGR/LIBO3/VAME
41600	subalpine fir series	ABLA
41605	subalpine fir/Howell's marsh marigold	ABLA/CALEH2
41620	subalpine fir/bride's bonnet	ABLA/CLUN2
41621	subalpine fir/bride's bonnet-bride's bonnet	ABLA/CLUN2-CLUN2
41625	subalpine fir/bride's bonnet/rusty menziesia	ABLA/CLUN2/MEFE
41635	subalpine fir/claspleaf twistedstalk	ABLA/STAM2
41636	subalpine fir/claspleaf twistedstalk-claspleaf twistedstalk	ABLA/STAM2-STAM2
41637	subalpine fir/claspleaf twistedstalk-Canby's licorice-root	ABLA/STAM2-LICA2
41638	subalpine fir/Idaho goldthread	ABLA/COOC
41640	subalpine fir/dwarf bilberry	ABLA/VACA13
41645	subalpine fir/Rocky Mountain maple	ABLA/ACGL
41650	subalpine fir/bluejoint	ABLA/CACA4
41651	subalpine fir/bluejoint-bluejoint	ABLA/CACA4-CACA4
41652	subalpine fir/bluejoint/Canby's licorice-root	ABLA/CACA4/LICA2
41654	subalpine fir/bluejoint/dwarf bilberry	ABLA/CACA4/VACA13
41655	subalpine fir/bluejoint/western Labrador tea	ABLA/CACA4/LEGL
41660	subalpine fir/twinflower	ABLA/LIBO3
41661	subalpine fir/twinflower-twinflower	ABLA/LIBO3-LIBO3
41662	subalpine fir/twinflower-common beargrass	ABLA/LIBO3-XETE
41663	subalpine fir/twinflower/grouse whortleberry	ABLA/LIBO3/VASC
41670	subalpine fir/rusty menziesia	ABLA/MEFE
41671	subalpine fir/rusty menziesia-rusty menziesia	ABLA/MEFE-MEFE
41672	subalpine fir/rusty menziesia/Hitchcock's smooth woodrush	ABLA/MEFE/LUGLH
41690	subalpine fir/common beargrass	ABLA/XETE
41691	subalpine fir/common beargrass/thinleaf huckleberry	ABLA/XETE/VAME
41692	subalpine fir/common beargrass/grouse whortleberry	ABLA/XETE/VASC
41694	subalpine fir/common beargrass/Hitchcock's smooth woodrush	ABLA/XETE/LUGLH
41705	subalpine fir/white spirea	ABLA/SPBE2
41720	subalpine fir/thinleaf huckleberry	ABLA/VAME
41721	subalpine fir/thinleaf huckleberry/grouse whortleberry	ABLA/VAME/VASC
41723	subalpine fir/thinleaf huckleberry-thinleaf huckleberry	ABLA/VAME-VAME
41730	subalpine fir/grouse whortleberry	ABLA/VASC
41731	subalpine fir/grouse whortleberry/pinegrass	ABLA/VASC/CARU

NRV_PV_COVER_TYPES (CONT.)**Reference Code 401 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41732	subalpine fir/grouse whortleberry-grouse whortleberry	ABLA/VASC-VASC
41734	subalpine fir/grouse whortleberry/whitebark pine	ABLA/VASC/PIAL
41740	subalpine fir/Sitka alder	ABLA/ALVIS
41745	subalpine fir/common juniper	ABLA/JUCO6
41750	subalpine fir/pinegrass	ABLA/CARU
41780	subalpine fir/heartleaf arnica	ABLA/ARCO9
41790	subalpine fir/Geyer's sedge	ABLA/CAGE2
41791	subalpine fir/Geyer's sedge-Geyer's sedge	ABLA/CAGE2-CAGE2
41793	subalpine fir/Geyer's sedge/big sagebrush	ABLA/CAGE2/ARTR2
41810	subalpine fir/gooseberry currant	ABLA/RIMO2
41830	subalpine fir/Hitchcock's smooth woodrush	ABLA/LUGLH
41831	subalpine fir/Hitchcock's smooth woodrush/grouse whortleberry	ABLA/LUGLH/VASC
41833	subalpine fir/Hitchcock's smooth woodrush-Hitchcock's smooth woodrush	ABLA/LUGLH-LUGLH
41850	whitebark pine-subalpine fir	PIAL-ABLA
41870	whitebark pine series	PIAL
41900	lodgepole pine series	PICO
41905	lodgepole pine/Idaho fescue	PICO/FEID
41920	lodgepole pine/dwarf bilberry	PICO/VACA13
41940	lodgepole pine/grouse whortleberry	PICO/VASC
41955	lodgepole pine/Geyer's sedge	PICO/CAGE2

Reference Code 402

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
010	limber pine series	PIFL2
050	limber pine/Idaho fescue	PIFL2/FEID
051	limber pine/Idaho fescue-Idaho fescue	PIFL2/FEID-FEID
060	limber pine/curl-leaf mountain mahogany	PIFL2/CELE3
070	limber pine/common juniper	PIFL2/JUCO6
080	limber pine/spike fescue	PIFL2/LEKI2
200	Douglas-fir series	PSME
220	Douglas-fir/Idaho fescue	PSME/FEID
221	Douglas-fir/Idaho fescue-Idaho fescue	PSME/FEID-FEID
260	Douglas-fir/mallow ninebark	PSME/PHMA5
265	Douglas-fir/mallow ninebark-Douglas-fir	PSME/PHMA5-PSME
266	Douglas-fir/mallow ninebark-Oregon boxleaf	PSME/PHMA5-PAMY
270	Douglas-fir/mountain ninebark	PSME/PHMO4
280	Douglas-fir/thinleaf huckleberry	PSME/VAME
281	Douglas-fir/thinleaf huckleberry-thinleaf huckleberry	PSME/VAME-VAME
310	Douglas-fir/common snowberry	PSME/SYAL
313	Douglas-fir/common snowberry-common snowberry	PSME/SYAL-SYAL
320	Douglas-fir/pinegrass	PSME/CARU
323	Douglas-fir/pinegrass-pinegrass	PSME/CARU-CARU

NRV_PV_COVER_TYPES (CONT.)**Reference Code 402 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
325	Douglas-fir/pinegrass-Idaho fescue	PSME/CARU-FEID
340	Douglas-fir/white spirea	PSME/SPBE2
341	Douglas-fir/white spirea-white spirea	PSME/SPBE2-SPBE2
343	Douglas-fir/white spirea-pinegrass	PSME/SPBE2-CARU
360	Douglas-fir/common juniper	PSME/JUCO6
370	Douglas-fir/heartleaf arnica	PSME/ARCO9
371	Douglas-fir/heartleaf arnica-heartleaf arnica	PSME/ARCO9-ARCO9
372	Douglas-fir/heartleaf arnica/timber milkvetch	PSME/ARCO9/ASMI9
375	Douglas-fir/sweetcicely	PSME/OSBE
380	Douglas-fir/mountain snowberry	PSME/SYOR2
385	Douglas-fir/curl-leaf mountain mahogany	PSME/CELE3
390	Douglas-fir/Rocky Mountain maple	PSME/ACGL
391	Douglas-fir/Rocky Mountain maple-Oregon boxleaf	PSME/ACGL-PAMY
395	Douglas-fir/creeping barberry	PSME/MARE11
396	Douglas-fir/creeping barberry-creeping barberry	PSME/MARE11-MARE11
397	Douglas-fir/creeping barberry-mountain snowberry	PSME/MARE11-SYOR2
398	Douglas-fir/creeping barberry-Geyer's sedge	PSME/MARE11-CAGE2
399	Douglas-fir/creeping barberry-common juniper	PSME/MARE11-JUCO6
400	Engelmann spruce series	PIEN
410	Engelmann spruce/field horsetail	PIEN/EQAR
415	Engelmann spruce/white marsh marigold	PIEN/CALE4
430	Engelmann spruce/mallow ninebark	PIEN/PHMA5
440	Engelmann spruce/fragrant bedstraw	PIEN/GATR3
470	Engelmann spruce/twinflower	PIEN/LIBO3
475	Engelmann spruce/common juniper	PIEN/JUCO6
485	Engelmann spruce/grouse whortleberry	PIEN/VASC
490	Engelmann spruce/softleaf sedge	PIEN/CADI6
493	Engelmann spruce/revolute hypnum moss	PIEN/HYRE70
495	Engelmann spruce/heartleaf arnica	PIEN/ARCO9
497	Engelmann spruce/gooseberry currant	PIEN/RIMO2
600	subalpine fir series	ABLA
601	subalpine fir/red baneberry	ABLA/ACRU2
603	subalpine fir/mallow ninebark	ABLA/PHMA5
607	subalpine fir/common snowberry	ABLA/SYAL
609	subalpine fir/western meadow-rue	ABLA/THOC
635	subalpine fir/claspleaf twistedstalk	ABLA/STAM2
636	subalpine fir/claspleaf twistedstalk-claspleaf twistedstalk	ABLA/STAM2-STAM2
645	subalpine fir/Rocky Mountain maple	ABLA/ACGL
647	subalpine fir/Rocky Mountain maple-Oregon boxleaf	ABLA/ACGL-PAMY
650	subalpine fir/bluejoint	ABLA/CACA4
651	subalpine fir/bluejoint-bluejoint	ABLA/CACA4-CACA4
654	subalpine fir/bluejoint/dwarf bilberry	ABLA/CACA4/VACA13
655	subalpine fir/bluejoint/western Labrador tea	ABLA/CACA4/LEGL
660	subalpine fir/twinflower	ABLA/LIBO3
661	subalpine fir/twinflower-twinflower	ABLA/LIBO3-LIBO3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 402 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
663	subalpine fir/twinflower/grouse whortleberry	ABLA/LIBO3/VASC
670	subalpine fir/rusty menziesia	ABLA/MEFE
671	subalpine fir/rusty menziesia-rusty menziesia	ABLA/MEFE-MEFE
690	subalpine fir/common beargrass	ABLA/XETE
691	subalpine fir/common beargrass/thinleaf huckleberry	ABLA/XETE/VAME
692	subalpine fir/common beargrass/grouse whortleberry	ABLA/XETE/VASC
701	subalpine fir/broadleaf arnica	ABLA/ARLA8
702	subalpine fir/creeping barberry-creeping barberry	ABLA/MARE11-MARE11
703	subalpine fir/creeping barberry	ABLA/MARE11
704	subalpine fir/creeping barberry-Geyer's sedge	ABLA/MARE11-CAGE2
705	subalpine fir/white spirea	ABLA/SPBE2
707	subalpine fir/sickletop lousewort	ABLA/PERA
720	subalpine fir/thinleaf huckleberry	ABLA/VAME
721	subalpine fir/thinleaf huckleberry/grouse whortleberry	ABLA/VAME/VASC
722	subalpine fir/thinleaf huckleberry/Oregon boxleaf	ABLA/VAME/PAMY
723	subalpine fir/thinleaf huckleberry-thinleaf huckleberry	ABLA/VAME-VAME
730	subalpine fir/grouse whortleberry	ABLA/VASC
731	subalpine fir/grouse whortleberry/pinegrass	ABLA/VASC/CARU
732	subalpine fir/grouse whortleberry-grouse whortleberry	ABLA/VASC-VASC
734	subalpine fir/grouse whortleberry/whitebark pine	ABLA/VASC/PIAL
745	subalpine fir/common juniper	ABLA/JUCO6
750	subalpine fir/pinegrass	ABLA/CARU
751	subalpine fir/pinegrass-pinegrass	ABLA/CARU-CARU
752	subalpine fir/pinegrass-Oregon boxleaf	ABLA/CARU-PAMY
760	subalpine fir/sweetcicely	ABLA/OSBE
761	subalpine fir/sweetcicely-Oregon boxleaf	ABLA/OSBE-PAMY
762	subalpine fir/sweetcicely-sweetcicely	ABLA/OSBE-OSBE
780	subalpine fir/heartleaf arnica	ABLA/ARCO9
781	subalpine fir/heartleaf arnica-heartleaf arnica	ABLA/ARCO9-ARCO9
782	subalpine fir/heartleaf arnica-timber milkvetch	ABLA/ARCO9-ASMI9
783	subalpine fir/heartleaf arnica-russet buffaloberry	ABLA/ARCO9-SHCA
784	subalpine fir/heartleaf arnica-Engelmann spruce	ABLA/ARCO9-PIEN
790	subalpine fir/Geyer's sedge	ABLA/CAGE2
791	subalpine fir/Geyer's sedge-Geyer's sedge	ABLA/CAGE2-CAGE2
795	subalpine fir/Ross' sedge	ABLA/CARO5
810	subalpine fir/gooseberry currant	ABLA/RIMO2
811	subalpine fir/gooseberry currant-gooseberry currant	ABLA/RIMO2-RIMO2
812	subalpine fir/gooseberry currant-whitebark pine	ABLA/RIMO2-PIAL
830	subalpine fir/Hitchcock's smooth woodrush	ABLA/LUGLH
831	subalpine fir/Hitchcock's smooth woodrush/grouse whortleberry	ABLA/LUGLH/VASC
870	whitebark pine series	PIAL
875	whitebark pine/grouse whortleberry	PIAL/VASC
880	whitebark pine/Geyer's sedge	PIAL/CAGE2
885	whitebark pine/common juniper	PIAL/JUOC
886	whitebark pine/common juniper-russet buffaloberry	PIAL/JUCO6-SHCA

NRV_PV_COVER_TYPES (CONT.)**Reference Code 402 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
887	whitebark pine/common juniper-common juniper	PIAL/JUC06-JUC06
891	whitebark pine/Idaho fescue	PIAL/FEID
895	whitebark pine/Ross' sedge	PIAL/CAR05
896	whitebark pine/Ross' sedge-lodgepole pine	PIAL/CAR05-PICO
897	whitebark pine/Ross' sedge-Ross' sedge	PIAL/CAR05-CAR05
90	quaking aspen	POTR5
900	lodgepole pine series	PICO
930	lodgepole pine/twinflower	PICO/LIB03
935	lodgepole pine/thinleaf huckleberry	PICO/VAME
940	lodgepole pine/grouse whortleberry	PICO/VASC
945	lodgepole pine/white spirea	PICO/SPBE2
950	lodgepole pine/pinegrass	PICO/CARU
955	lodgepole pine/Geyer's sedge	PICO/CAGE2
960	lodgepole pine/common juniper	PICO/JUC06
965	lodgepole pine/heartleaf arnica	PICO/ARC09
970	lodgepole pine/Ross' sedge	PICO/CAR05
975	lodgepole pine/russet buffaloberry	PICO/SHCA
990	quaking aspen	POTR5

Reference Code 403

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41010	limber pine series	PIFL2
41045	limber pine/creeping barberry	PIFL2/MARE11
41060	limber pine/curl-leaf mountain mahogany	PIFL2/CELE3
41100	ponderosa pine series	PIPO
41115	ponderosa pine/Geyer's sedge	PIPO/CAGE2
41140	pinderosa pine/Idaho fescue	PIPO/FEID
41141	ponderosa pine/Idaho fescue-Idaho fescue	PIPO/FEID-FEID
41143	ponderosa pine/Idaho fescue-greenleaf manzanita	PIPO/FEID-ARPA6
41144	ponderosa pine/Idaho fescue/big sagebrush	PIPO/FEID/ARTR2
41200	Douglas-fir series	PSME
41260	Douglas-fir/mallow ninebark	PSME/PHMA5
41266	Douglas-fir/mallow ninebark-Oregon boxleaf	PSME/PHMA5-PAMY
41305	blue spruce series	PIPU
41320	Douglas-fir/pinegrass	PSME/CARU
41375	Douglas-fir/sweetcicely	PSME/OSBE
41376	Douglas-fir/sweetcicely/Oregon boxleaf	PSME/OSBE/PAMY
41380	Douglas-fir/mountain snowberry	PSME/SYOR2
41385	Douglas-fir/curl-leaf mountain mahogany	PSME/CELE3
41390	Douglas-fir/Rocky Mountain maple	PSME/ACGL
41395	Douglas-fir/creeping barberry	PSME/MARE11
41396	Douglas-fir/creeping barberry-creeping barberry	PSME/MARE11-MARE11
41397	Douglas-fir/creeping barberry-mountain snowberry	PSME/MARE11-SYOR2
41398	Douglas-fir/creeping barberry-Geyer's sedge	PSME/MARE11-CAGE2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 403 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41399	Douglas-fir/creeping barberry-common juniper	PSME/MARE11-JUCO6
41400	Engelmann spruce series	PIEN
41406	blue spruce/bluebunch wheatgrass	PIPU/PSSPS
41407	blue spruce/creeping barberry	PIPU/MARE11
41410	Engelmann spruce/field horsetail	PIEN/EQAR
41415	Engelmann spruce/white marsh merigold	PIEN/CALE4
41416	Engelmann spruce/dwarf bilberry	PIEN/VACA13
41485	Engelmann spruce/grouse whortleberry	PIEN/VASC
41600	subalpine fir series	ABLA
41601	subalpine fir/red baneberry	ABLA/ACRU2
41603	subalpine fir/mallow ninebark	ABLA/PHMA5
41635	subalpine fir/claspleaf twistedstalk	ABLA/STAM2
41640	subalpine fir/dwarf bilberry	ABLA/VACA13
41645	subalpine fir/Rocky Mountain maple	ABLA/ACGL
41650	subalpine fir/bluejoint	ABLA/CACA4
41702	subalpine fir/creeping barberry-creeping barberry	ABLA/MARE11-MARE11
41703	subalpine fir/creeping barberry	ABLA/MARE11
41704	subalpine fir/creeping barberry-Geyer's sedge	ABLA/MARE11-CAGE2
41707	subalpine fir/sickletop lousewort	ABLA/PERA
41708	subalpine fir/sickletop lousewort/Douglas-fir	ABLA/PERA/PSME
41709	subalpine fir/sickletop lousewort-sickletop lousewort	ABLA/PERA-PERA
41714	subalpine fir/creeping barberry-limber pine	ABLA/MARE11-PIFL2
41715	subalpine fir/creeping barberry-gooseberry currant	ABLA/MARE11-RIMO2
41716	subalpine fir/creeping barberry-common juniper	ABLA/MARE11-JUCO6
41717	subalpine fir/creeping barberry/Douglas-fir	ABLA/MARE11/PSME
41720	subalpine fir/thinleaf huckleberry	ABLA/VAME
41725	subalpine fir/grouse whortleberry/broadleaf arnica	ABLA/VASC/ARLA8
41726	subalpine fir/grouse whortleberry/Geyer's sedge	ABLA/VASC/CAGE2
41730	subalpine fir/grouse whortleberry	ABLA/VASC
41732	subalpine fir/grouse whortleberry-grouse whortleberry	ABLA/VASC-VASC
41745	subalpine fir/common juniper	ABLA/JUCO6
41750	subalpine fir/pinegrass	ABLA/CARU
41760	subalpine fir/sweetcicely	ABLA/OSBE
41800	white fir series	ABCO
41810	subalpine fir/gooseberry currant	ABLA/RIMO2
41811	subalpine fir/gooseberry currant-gooseberry currant	ABLA/RIMO2-RIMO2
41813	subalpine fir/gooseberry currant/Fendler's meadow-rue	ABLA/RIMO2/THFE
41814	subalpine fir/gooseberry currant/lodgepole pine	ABLA/RIMO2/PICO
41815	subalpine fir/gooseberry currant/spike trisetum	ABLA/RIMO2/TRSP2
41861	white fir/mallow ninebark	ABCO/PHMA5
41862	white fir/sweetcicely	ABCO/OSBE
41863	white fir/creeping barberry	ABCO/MARE11
41864	white fir/creeping barberry/mountain snowberry	ABCO/MARE11/SYOR2
41865	white fir/creeping barberry-creeping barberry	ABCO/MARE11-MARE11
41900	lodgepole pine series	PICO

NRV_PV_COVER_TYPES (CONT.)**Reference Code 403 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41915	lodgepole pine/bluejoint	PICO/CACA4
41920	lodgepole pine/dwarf bilberry	PICO/VACA13
41940	lodgepole pine/grouse whortleberry	PICO/VASC
41956	lodgepole pine/kinnikinnick	PICO/ARUV
41957	lodgepole pine/creeping barberry	PICO/MARE11
41960	lodgepole pine/common juniper	PICO/JUCO6
41970	lodgepole pine/Ross' sedge	PICO/CAR05

Reference Code 404

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41010	limber pine series	PIFL2
41100	ponderosa pine series	PIPO
41107	ponderosa pine/greenleaf manzanita	PIPO/ARPA6
41108	ponderosa pine/curl-leaf mountain mahogany	PIPO/CELE3
41109	ponderosa pine/black sagebrush	PIPO/ARNO4
41111	ponderosa pine/Gambel oak	PIPO/QUGA
41112	ponderosa pine/Gambel oak-mountain snowberry	PIPO/QUGA-SYOR2
41113	ponderosa pine/Gambel oak-Gambel oak	PIPO/QUGA-QUGA
41114	ponderosa pine/mountain muhly	PIPO/MUMO
41160	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
41195	ponderosa pine/mountain snowberry	PIPO/SYOR2
41200	Douglas-fir series	PSME
41260	Douglas-fir/mallow ninebark	PSME/PHMA5
41305	blue spruce series	PIPU
41365	Douglas-fir/greenleaf manzanita	PSME/ARPA6
41366	Douglas-fir/alderleaf mountain mahogany	PSME/CEMO2
41367	Douglas-fir/Gambel oak	PSME/QUGA
41380	Douglas-fir/mountain snowberry	PSME/SYOR2
41382	Douglas-fir/creeping barberry/ponderosa pine	PSME/MARE11/PIPO
41385	Douglas-fir/curl-leaf mountain mahogany	PSME/CELE3
41395	Douglas-fir/creeping barberry	PSME/MARE11
41396	Douglas-fir/creeping barberry-creeping barberry	PSME/MARE11-MARE11
41400	Engelmann spruce series	PIEN
41407	blue spruce/creeping barberry	PIPU/MARE11
41408	blue spruce/field horsetail	PIPU/EQAR
41409	blue spruce/common juniper	PIPU/JUCO6
41497	Engelmann spruce/gooseberry currant	PIEN/RIMO2
41600	subalpine fir series	ABLA
41603	subalpine fir/mallow ninebark	ABLA/PHMA5
41640	subalpine fir/dwarf bilberry	ABLA/VACA13
41645	subalpine fir/Rocky Mountain maple	ABLA/ACGL
41702	subalpine fir/creeping barberry-creeping barberry	ABLA/MARE11-MARE11
41703	subalpine fir/creeping barberry	ABLA/MARE11
41714	subalpine fir/creeping barberry/limber pine	ABLA/MARE11/PIFL2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 404 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41718	subalpine fir/creeping barberry/Engelmann spruce	ABLA/MARE11/PIEN
41720	subalpine fir/thinleaf huckleberry	ABLA/VAME
41745	subalpine fir/common juniper	ABLA/JUCO6
41746	subalpine fir/Columbian monkshood	ABLA/ACCO4
41747	subalpine fir/whortleberry	ABLA/VAMY2
41790	subalpine fir/Geyer's sedge	ABLA/CAGE2
41795	subalpine fir/Ross' sedge	ABLA/CARO5
41800	white fir series	ABCO
41810	subalpine fir/gooseberry currant	ABLA/RIMO2
41811	subalpine fir/gooseberry currant-gooseberry currant	ABLA/RIMO2-RIMO2
41816	subalpine fir/gooseberry currant/aspen bluebells	ABLA/RIMO2/MEAR6
41861	white fir/mallow ninebark	ABCO/PHMA5
41863	white fir/creeping barberry	ABCO/MARE11
41865	white fir/creeping barberry-creeping barberry	ABCO/MARE11-MARE11
41866	white fir/creeping barberry-common juniper	ABCO/MARE11-JUCO6
41867	white fir/mountain snowberry	ABCO/SYOR2
41868	white fir/common juniper	ABCO/JUCO6
41869	white fir/Gambel oak	ABCO/QUGA
41871	white fir/greenleaf manzanita	ABCO/ARPA6
41872	white fir/curl-leaf mountain mahogany	ABCO/CELE3
41873	white fir/Rocky Mountain maple	ABCO/ACGL

Reference Code 405

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
42000	quaking aspen series	POTR5
42001	quaking aspen/California false hellebore	POTR5/VECA2
42002	quaking aspen/western brackenfern	POTR5/PTAQ
42003	quaking aspen/mule-ears	POTR5/WYAM
42004	quaking aspen/Thurber's fescue	POTR5/FETH
42005	quaking aspen/tall forb	POTR5/2FORB
42006	quaking aspen/pinegrass	POTR5/CARU
42007	quaking aspen/Fendler's meadow-rue	POTR5/THFE
42008	quaking aspen/California brome	POTR5/BRCA5
42009	quaking aspen/Ross' sedge	POTR5/CARO5
42010	quaking aspen/needle and thread	POTR5/HECOC8
42011	quaking aspen/timber milkvetch	POTR5/ASMI9
42012	quaking aspen/Kentucky bluegrass	POTR5/POPR
42040	quaking aspen/thimbleberry	POTR5/RUPA
42041	quaking aspen/red elderberry	POTR5/SARA2
42042	quaking aspen/russet buffaloberry	POTR5/SHCA
42043	quaking aspen/mountain snowberry	POTR5/SYOR2
42044	quaking aspen/mountain snowberry/tall forb phase	POTR5/SYOR2/2FORB
42045	quaking aspen/mountain snowberry/pinegrass	POTR5/SYOR2/CARU

NRV_PV_COVER_TYPES (CONT.)**Reference Code 404 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
42046	quaking aspen/mountain snowberry/Fendler's meadow-rue	POTR5/SYOR2/THFE
42047	quaking aspen/mountain snowberry/Thurber's fescue	POTR5/SYOR2/FETH
42048	quaking aspen/mountain snowberry/Ross' sedge	POTR5/SYOR2/CAR05
42049	quaking aspen/mountain snowberry/mule-ears	POTR5/SYOR2/WYAM
42050	quaking aspen/mountain snowberry/California brome	POTR5/SYOR2/BRCA5
42051	quaking aspen/mountain snowberry/Kentucky bluegrass	POTR5/SYOR2/POPR
42052	quaking aspen/common juniper	POTR5/JUC06
42053	quaking aspen/common juniper/Geyer's sedge	POTR5/JUC06/CAGE2
42054	quaking aspen/common juniper/silvery lupine	POTR5/JUC06/LUAR3
42055	quaking aspen/common juniper/timber milkvetch	POTR5/JUC06/ASMI9
42056	quaking aspen/big sagebrush	POTR5/ARTR2
42080	quaking aspen/Scouler's willow	POTR5/SASC
42081	quaking aspen/Saskatoon serviceberry-mountain snowberry	POTR5/AMAL2-SYOR2
42082	quaking aspen/Saskatoon serviceberry-mountain snowberry/tall forb	POTR5/AMAL2-SYOR2/2FORB
42083	quaking aspen/Saskatoon serviceberry-mountain snowberry/Fendler's meadow-rue	POTR5/AMAL2-SYOR2/THFE
42084	quaking aspen/Saskatoon serviceberry-mountain snowberry/pinegrass	POTR5/AMAL2-SYOR2/CARU
42085	quaking aspen/Saskatoon serviceberry-mountain snowberry/California brome	POTR5/AMAL2-SYOR2/BRCA5
42086	quaking aspen/Saskatoon serviceberry	POTR5/AMAL2
42087	quaking aspen/Saskatoon serviceberry/western brackenfern	POTR5/AMAL2/PTAQ
42088	quaking aspen/Saskatoon serviceberry/tall forb	POTR5/AMAL2/2FORB
42089	quaking aspen/Saskatoon serviceberry/Fendler's meadow-rue	POTR5/AMAL2/THFE
42100	quaking aspen-subalpine fir series	POTR5-ABLA
42101	quaking aspen-subalpine fir/tall forb	POTR5-ABLA/2FORB
42102	quaking aspen-subalpine fir/Fendler's meadow-rue	POTR5-ABLA/THFE
42103	quaking aspen-subalpine fir/Geyer's sedge	POTR5-ABLA/CAGE2
42104	quaking aspen-subalpine fir/Ross' sedge	POTR5-ABLA/CAR05
42105	quaking aspen-subalpine fir/russet buffaloberry	POTR5-ABLA/SHCA
42106	quaking aspen-subalpine fir/mountain snowberry	POTR5-ABLA/SYOR2
42107	quaking aspen-subalpine fir/mountain snowberry/tall forb	POTR5-ABLA/SYOR2/2FORB
42108	quaking aspen-subalpine fir/mountain snowberry/Fendler's meadow-rue	POTR5-ABLA/SYOR2/THFE
42109	quaking aspen-subalpine fir/mountain snowberry/California brome	POTR5-ABLA/SYOR2/BRCA5
42110	quaking aspen-subalpine fir/common juniper	POTR5-ABLA/JUC06
42111	quaking aspen-subalpine fir/Saskatoon serviceberry	POTR5-ABLA/AMAL2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 404 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
42200	quaking aspen-lodgepole pine series	POTR5-PICO
42201	quaking aspen-lodgepole pine/Fendler's meadow-rue	POTR5-PICO/THFE
42202	quaking aspen-lodgepole pine/Geyer's sedge	POTR5-PICO/CAGE2
42203	quaking aspen-lodgepole pine/mountain snowberry	POTR5-PICO/SYOR2
42204	quaking aspen-lodgepole pine/common juniper	POTR5-PICO/JUCO6
42300	quaking aspen-Douglas-fir series	POTR5-PSME
42301	quaking aspen-Douglas-fir/pinegrass	POTR5-PSME/CARU
42302	quaking aspen-Douglas-fir/mountain snowberry	POTR5-PSME/SYOR2
42303	quaking aspen-Douglas-fir/common juniper	POTR5-PSME/JUCO6
42304	quaking aspen-Douglas-fir/Saskatoon serviceberry	POTR5-PSME/AMAL2
42400	quaking aspen-white fir series	POTR5-ABCO
42401	quaking aspen-white fir/Kentucky bluegrass	POTR5-ABCO/POPR
42402	quaking aspen-white fir/mountain snowberry	POTR5-ABCO/SYOR2
42403	quaking aspen-white fir/greenleaf manzanita	POTR5-ABCO/ARPA6
42500	quaking aspen-blue spruce series	POTR5-PIPU
42600	quaking aspen-limber pine series	POTR5-PIFL2
42700	quaking aspen-ponderosa pine series	POTR5-PIPO

Reference Code 406

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
43000	riparian series	
43002	spruce/redosier dogwood	PICEA/COSES
43004	spruce/field horsetail	PICEA/EQAR
43006	spruce/bluejoint	PICEA/CACA4
43012	spruce/fragrant bedstraw	PICEA/GATR3
43043	narrowleaf cottonwood/redosier dogwood	POAN3/COSES
43046	narrowleaf cottonwood/Kentucky bluegrass	POAN3/POPR
43105	gray alder/northern black currant	ALIN2/RIHU
43202	Booth's willow/beaked sedge	SABO2/CARO6
43203	Booth's willow/Nebraska sedge	SABO2/CANE2
43204	Booth's willow/bluejoint	SABO2/CACA4
43205	Booth's willow/field horsetail	SABO2/EQAR
43206	Booth's willow/fowl bluegrass	SABO2/POPA2
43207	Booth's willow/Kentucky bluegrass	SABO2/POPR
43208	Booth's willow/starry false lily of the valley	SABO2/MAST4
43222	Geyer's willow/beaked sedge	SAGE2/CARO6
43223	Geyer's willow/bluejoint	SAGE2/CACA4
43224	Geyer's willow/fowl bluegrass	SAGE2/POPA2
43225	Geyer's willow/Kentucky bluegrass	SAGE2/POPR
43227	Geyer's willow/forb (mesic)	SAGE2/2FORB
43241	narrowleaf willow/field horsetail	SAEX/EQAR
43242	narrowleaf willow/Kentucky bluegrass	SAEX/POPR
43271	yellow willow	SALU2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 404 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
43283	mountain willow	SAEA
43301	Wolf's willow/water sedge	SAWO/CAAQ
43302	Wolf's willow/beaked sedge	SAWO/CAR06
43303	Wolf's willow/Nebraska sedge	SAWO/CANE2
43305	Wolf's willow/bluejoint	SAWO/CACA4
43306	Wolf's willow/tufted hairgrass	SAWO/DECA18
43307	Wolf's willow/fowl bluegrass	SAWO/POPA2
43308	Wolf's willow/mesic forb	SAWO/2FORB
43321	diamondleaf willow	SAPL2
43353	redosier dogwood/common cowparsnip	COSES/HEMA80
43354	redosier dogwood/fragrant bedstraw	COSES/GATR3
43400	alderleaf buckthorn	RHAL
43551	shrubby cinquefoil/tufted hairgrass	DAFL3/DECA18
43552	shrubby cinquefoil/Idaho fescue	DAFL3/FEID
43553	shrubby cinquefoil/Kentucky bluegrass	DAFL3/POPR
43602	silver sagebrush/Idaho fescue	ARCA13/FEID
43604	silver sagebrush/Kentucky bluegrass	ARCA13/POPR
43801	water sedge	CAAQ
43807	smallwing sedge	CAMI7
43808	Nebraska sedge	CANE2
43809	beaked sedge	CAR06
43812	analogue sedge	CASI2
43813	sedge	CAREX
43831	Baltic rush	JUBA
43871	tufted hairgrass	DECA18
43881	fowl bluegrass	POPA2
43882	Kentucky bluegrass	POPR
43921	tall fringed bluebells	MECI3
43931	California false hellebore	VECA2
43941	forb (mesic, meadow)	2FORB

Reference Code 407

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
43001	conifer/redosier dogwood	2TE/COSE16
43003	conifer/field horsetail	2TE/EQAR
43005	conifer/bluejoint	2TE/CACA4
43007	conifer/blue wildrye	2TE/ELGL
43008	conifer/shrubby cinquefoil	2TE/DAFL3
43009	conifer/tufted hairgrass	2TE/DECA18
43010	conifer/Kentucky bluegrass	2TE/POPR
43011	conifer/Columbian monkshood	2TE/ACCO4
43013	conifer/red baneberry	2TE/ACRU2
43041	narrowleaf cottonwood/water birch	POAN3/BEOC2
43042	narrowleaf cottonwood/bigtooth maple	POAN3/ACGR3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 407 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
43043	narrowleaf cottonwood/redosier dogwood	POAN3/COSE16
43044	narrowleaf cottonwood/Woods' rose	POAN3/ROWO
43045	narrowleaf cottonwood/fragrant sumac	POAN3/RHAR4
43046	narrowleaf cottonwood/Kentucky bluegrass	POAN3/POPR
43081	boxelder/redosier dogwood	ACNE2/COSE16
43082	boxelder/field horsetail	ACNE2/EQAR
43101	gray alder/redosier dogwood	ALIN2/COSE16
43102	gray alder/field horsetail	ALIN2/EQAR
43103	gray alder/mesic forb	ALIN2/2FORB
43104	gray alder/mesic graminoid	ALIN2/2GRAM
43151	water birch/redosier dogwood	BEOC2/COSE16
43152	water birch/mesic forb	BEOC2/2FORB
43155	water birch/Kentucky bluegrass	BEOC2/POPR
43201	Booth's willow/water sedge	SABO2/CAAQ
43202	Booth's willow/beaked sedge	SABO2/CAR06
43203	Booth's willow/Nebraska sedge	SABO2/CANE2
43204	Booth's willow/bluejoint	SABO2/CACA4
43205	Booth's willow/field horsetail	SABO2/EQAR
43206	Booth's willow/fowl bluegrass	SABO2/POPA2
43207	Booth's willow/Kentucky bluegrass	SABO2/POPR
43209	Booth's willow/mesic forb	SABO2/2FORB
43210	Booth's willow/mesic graminoid	SABO2/2GRAM
43221	Geyer's willow/water sedge	SAGE2/CAAQ
43222	Geyer's willow/beaked sedge	SAGE2/CAR06
43223	Geyer's willow/bluejoint	SAGE2/CACA4
43224	Geyer's willow/fowl bluegrass	SAGE2/POPA2
43226	Geyer's willow/tufted hairgrass	SAGE2/DECA18
43228	Geyer's willow/mesic graminoid	SAGE2/2GRAM
43242	narrowleaf willow/Kentucky bluegrass	SAEX/POPR
43243	narrowleaf willow/mesic forb	SAEX/2FORB
43244	narrowleaf willow/mesic graminoid	SAEX/2GRAM
43245	narrowleaf willow (barren)	SAEX
43281	Bebb willow/mesic graminoid	SABE2/2GRAM
43286	arroyo willow (barren)	SALA6
43301	Wolf's willow/water sedge	SAWO/CAAQ
43302	Wolf's willow/beaked sedge	SAWO/CAR06
43306	Wolf's willow/tufted hairgrass	SAWO/DECA18
43308	Wolf's willow/mesic forb	SAWO/2FORB
43322	diamondleaf willow/water sedge	SAPL2/CAAQ
43323	diamondleaf willow/bluejoint	SAPL2/CACA4
43324	diamondleaf willow/tufted hairgrass	SAPL2/DECA18
43326	grayleaf willow/tufted hairgrass	SAGL/DECA18
43353	redosier dogwood/common cowparsnip	COSE16/HEMA80
43551	shrubby cinquefoil/tufted hairgrass	DAFL3/DECA18
43553	shrubby cinquefoil/Kentucky bluegrass	DAFL3/POPR
43601	silver sagebrush/tufted hairgrass	ARCA13/DECA18

NRV_PV_COVER_TYPES (CONT.)**Reference Code 407 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
43603	silver sagebrush/sheep fescue	ARCA13/FEOV
43604	silver sagebrush/Kentucky bluegrass	ARCA13/POPR
43801	water sedge	CAAQ
43802	Buxbaum's sedge	CABU6
43804	woollyfruit sedge	CALA11
43805	woolly sedge	CAPE42
43806	mud sedge	CALI7
43808	Nebraska sedge	CANE2
43809	beaked sedge	CARO6
43810	rock sedge	CASA10
43812	analogue sedge	CASI2
43821	common spikerush	ELPA3
43831	Baltic rush	JUBA
43851	bluejoint	CACA4
43861	timber oatgrass	DAIN
43871	tufted hairgrass	DECA18
43882	Kentucky bluegrass	POPR
43901	white marsh marigold	CALE4
43907	smallwing sedge	CAMI7
43925	broadleaf cattail type	TYLA
43931	tall fringed bluebells	MECI3
43932	California false hellebore	VECA2

Reference Code 408

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
46000	little sagebrush series	ARAR8
46001	little sagebrush/bluebunch wheatgrass	ARAR8/PSSPS
46002	little sagebrush/Idaho fescue	ARAR8/FEID
46003	little sagebrush/Sandberg bluegrass	ARAR8/POSE
46011	silver sagebrush/mat muhly	ARCAB3/MURI
46021	silver sagebrush/Idaho fescue	ARCAV2/FEID
46031	little sagebrush/Idaho fescue	ARARL/FEID
46041	black sagebrush/bluebunch wheatgrass	ARNO4/PSSPS
46042	black sagebrush/Idaho fescue	ARNO4/FEID
46043	black sagebrush/needle and thread	ARNO4/HECOC8
46051	scabland sagebrush/Sandberg bluegrass	ARRI2/POSE
46061	little sagebrush/Idaho fescue	ARART/FEID
46100	big sagebrush series	ARTRS2
46101	big sagebrush/California brome (subalpine)	ARTRS2/BRCA5
46111	big sagebrush/bluebunch wheatgrass	ARTR2/PSSPS
46112	big sagebrush/basin wildrye	ARTR2/LECI4
46113	big sagebrush/Idaho fescue	ARTR2/FEID
46114	big sagebrush/needle and thread	ARTR2/HECOC8
46131	threetip sagebrush/bluebunch wheatgrass	ARTR4/PSSPS

NRV_PV_COVER_TYPES (CONT.)**Reference Code 408 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
46132	threetip sagebrush/Idaho fescue	ARTR4/FEID
46133	threetip sagebrush/needle and thread	ARTR4/HECOC8
46151	mountain big sagebrush/bluebunch wheatgrass	ARTRV/PSSPS
46152	mountain big sagebrush/basin wildrye	ARTRV/LECI4
46153	mountain big sagebrush/Idaho fescue	ARTRV/FEID
46154	mountain big sagebrush/needle and thread	ARTRV/HECOC8
46155	mountain big sagebrush/Thurber's needlegrass	ARTRV/ACTH7
46156	big sagebrush/Geyer's sedge	ARTRS2/CAGE2
46157	mountain big sagebrush/mountain snowberry/bluebunch wheatgrass	ARTRV/SYOR2/PSSPS
46158	mountain big sagebrush/mountain snowberry/Idaho fescue	ARTRV/SYOR2/FEID
46159	mountain big sagebrush/mountain snowberry/Geyer's sedge	ARTRV/SYOR2/CAGE2
46171	Wyoming big sagebrush/bluebunch wheatgrass	ARTRW8/PSSPS
46172	Wyoming big sagebrush/Sandberg bluegrass	ARTRW8/POSE
46173	Wyoming big sagebrush/squirreltail	ARTRW8/ELELE
46174	Wyoming big sagebrush/Thurber's needlegrass	ARTRW8/ACTH7
46175	Wyoming big sagebrush/needle and thread	ARTRW8/HECOC8
46191	big sagebrush/bluebunch wheatgrass	ARTRX/PSSPS
46192	big sagebrush/Idaho fescue	ARTRX/FEID
46200	other shrub series	2SHRUB
46201	antelope bitterbrush/bluebunch wheatgrass	PUTR2/PSSPS
46202	antelope bitterbrush/needle and thread	PUTR2/HECOC8
46301	curl-leaf mountain mahogany/bluebunch wheatgrass	CELE3/PSSPS

Reference Code 409

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
35	antelope bitterbrush-needle and thread	PUTR2-HECOC8
42	snow buckwheat-Sandberg bluegrass	ERNI2-POSE
42020	Idaho fescue-common snowberry	FEID-SYAL
42021	Idaho fescue-Nootka rose	FEID-RONU
42022	Idaho fescue-houndstongue hawkweed	FEID-HICY
42023	Idaho fescue-parsnipflower buckwheat	FEID-ERHE2
43	rock buckwheat-Sandberg bluegrass	ERSP7-POSE
43115	needle and thread-Sandberg bluegrass	HECOC8-POSE
431151	needle and thread-Sandberg bluegrass-snow buckwheat	HECOC8-POSE-ERNI2
43652	basin big sagebrush-bluebunch wheatgrass	ARTRT-PSSPS
43653	basin big sagebrush-Idaho fescue	ARTRT-FEID
44	Douglas' buckwheat-Sandberg bluegrass	ERDO-POSE
451	arrowleaf buckwheat-Sandberg bluegrass	ERCO12-POSE
452	thymeleaf buckwheat-Sandberg bluegrass	ERTH4-POSE
453	slender buckwheat-Oregon twinpod	ERM14/PHOR2
46051	scabland sagebrush-Sandberg bluegrass	ARRI2-POSE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 409 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
46113	big sagebrush-Idaho fescue	ARTR2-FEID
46114	big sagebrush-needle and thread	ARTR2-HECOC8
46131	threetip sagebrush/bluebunch wheatgrass	ARTR4/PSSPS
46133	threetip sagebrush-needle and thread	ARTR4-HECOC8
46201	antelope bitterbrush/bluebunch wheatgrass	PUTR2/PSSPS
46632	antelope bitterbrush-Idaho fescue	PUTR2-FEID
47000	grass	2GRAM
47001	Idaho fescue-bluebunch wheatgrass	FEID-PSSPS
47011	bluebunch wheatgrass-Sandberg bluegrass	PSSPS-POSE
47012	bluebunch wheatgrass-Idaho fescue	PSSPS-FEID
47021	sand dropseed-Sandberg bluegrass	SPCR-POSE
47025	Fendler threeawn-Sandberg bluegrass	ARPUL-POSE
47145	bluebunch wheatgrass-Sandberg bluegrass (lithosolic phase)	PSSPS-POSE
501	inland saltgrass	DISP
502	basin wildrye-inland saltgrass	LECI4-DISP
51	greasewood-inland saltgrass	SAVE4-DISP
54	black hawthorn/common snowberry	CRDO2/SYAL
55	black hawthorn/common snowberry-quaking aspen	CRDO2/SYAL-POTR5
56	black hawthorn/common cowparsnip	CRDO2/HEMA80
59	black hawthorn/common cowparsnip-quaking aspen	CRDO2/HEMA80-POTR5
601	black cottonwood/western water hemlock (wetlands)	POBAT/CIDO
602	white alder	ALRH2
62	big sagebrush/Sandberg bluegrass	ARTR2/POSE
64	spiny hopsage/Sandberg bluegrass	GRSP/POSE
65	winterfat/Sandberg bluegrass	KRLA2/POSE
721	smooth sumac/bluebunch wheatgrass	RHGL/PSSPS
722	smooth sumac/bluebunch wheatgrass	RHGL/PSSPS
723	smooth sumac/sand dropseed	RHGL/SPCR
73	netleaf hackberry/cheatgrass	CELAR/BRTE
77	mountain big sagebrush	ARTRV
78	camassia marshes	CAMAS

Reference Code 410

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
31	common snowberry series	SYAL
402	bluebunch wheatgrass	PSSPS
402041	bluebunch wheatgrass/plains pricklypear	PSSPS/OPPO
40215	bluebunch wheatgrass/Sandberg bluegrass/arrowleaf balsamroot	PSSPS/POSE/BASA3
43813	sedge series	CAREX
43815	Hood's sedge/Idaho fescue	CAHO5/FEID
4605	scabland sagebrush series	ARRI2
46051	scabland sagebrush/Sandberg bluegrass	ARRI2/POSE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 410 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
46300	curl-leaf mountain mahogany series	CELE3
46301	curl-leaf mountain mahogany/bluebunch wheatgrass	CELE3/PSSPS
47002	Idaho fescue/prairie Junegrass	FEID/KOMA
47021	sand dropseed-Sandberg bluegrass	SPCR-POSE
47025	Fendler threeawn-Sandberg bluegrass	ARPUL-POSE
47120	Idaho fescue	FEID
47126	Idaho fescue/bluebunch wheatgrass	FEID/PSSPS
5600	netleaf hackberry series	CELAR
60	smooth sumac series	RHGL

Reference Code 412

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
43001	conifer/redosier dogwood	2TE/COSE16
43010	conifer/Kentucky bluegrass	2TE/POPR
43043	narrowleaf cottonwood/redosier dogwood	POAN3/COSES
43046	narrowleaf cottonwood/Kentucky bluegrass	POAN3/POPR
43101	gray alder/redosier dogwood	ALIN2/COSE16
43103	gray alder/mesic forb	ALIN2/2FORB
43104	gray alder/mesic graminoid	ALIN2/2GRAM
43151	water birch/redosier dogwood	BEOC2/COSE16
43152	water birch/mesic forb	BEOC2/2FORB
43155	water birch/Kentucky bluegrass	BEOC2/POPR
43203	Booth's willow/Nebraska sedge	SABO2/CANE2
43204	Booth's willow/bluejoint	SABO2/CACA4
43205	Booth's willow/field horsetail	SABO2/EQAR
43206	Booth's willow/fowl bluegrass	SABO2/POPA2
43207	Booth's willow/Kentucky bluegrass	SABO2/POPR
43222	Geyer's willow/beaked sedge	SAGE2/CAR06
43223	Geyer's willow/bluejoint	SAGE2/CACA4
43224	Geyer's willow/fowl bluegrass	SAGE2/POPA2
43228	Geyer's willow/mesic graminoid	SAGE2/2GRAM
43242	narrowleaf willow/Kentucky bluegrass	SAEX/POPR
43243	narrowleaf willow/mesic forb	SAEX/2FORB
43301	Wolf's willow/field horsetail	SAWO/EQAR
43302	Wolf's willow/beaked sedge	SAWO/CAR06
43306	Wolf's willow/tufted hairgrass	SAWO/DECA18
43308	Wolf's willow/mesic forb	SAWO/2FORB
43353	redosier dogwood/common cowparsnip	COSES/HEMA80
43551	shrubby cinquefoil/tufted hairgrass	DAFL3/DECA18
43553	shrubby cinquefoil/Kentucky bluegrass	DAFL3/POPR
43604	silver sagebrush/Kentucky bluegrass	ARCA13/POPR
43801	water sedge	CAAQ
43805	woolly sedge	CAPE42
43807	smallwing sedge	CAMI7

NRV_PV_COVER_TYPES (CONT.)**Reference Code 412 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
43808	Nebraska sedge	CANE2
43809	beaked sedge	CAR06
43812	analogue sedge	CASI2
43821	common spikerush	ELPA3
43831	Baltic rush	JUBA
43871	tufted hairgrass	DECA18
43882	Kentucky bluegrass	POPR
43921	tall fringed bluebells	MECI3
43931	California false hellebore	VECA2

Reference Code 413

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41050	limber pine/Idaho fescue	PIFL2/FEID
41060	limber pine/curl-leaf mountain mahogany	PIFL2/CELE3
41070	limber pine/common juniper	PIFL2/JUCO6
41080	limber pine/spike fescue	PIFL2/LEKI2
41140	ponderosa pine/Idaho fescue	PIPO/FEID
41160	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
41195	ponderosa pine/mountain snowberry	PIPO/SYOR2
41210	Douglas-fir/bluebunch wheatgrass	PSME/PSSPS
41220	Douglas-fir/Idaho fescue	PSME/FEID
41221	Douglas-fir/Idaho fescue-Idaho fescue	PSME/FEID-FEID
41260	Douglas-fir/mallow ninebark	PSME/PHMA5
41265	Douglas-fir/mallow ninebark/Douglas-fir	PSME/PHMA5/PSME
41266	Douglas-fir/mallow ninebark-Oregon boxleaf	PSME/PHMA5-PAMY
41280	Douglas-fir/thinleaf huckleberry	PSME/VAME
41290	Douglas-fir/twinflower	PSME/LIBO3
41310	Douglas-fir/common snowberry	PSME/SYAL
41313	Douglas-fir/common snowberry-common snowberry	PSME/SYAL-SYAL
41320	Douglas-fir/pinegrass	PSME/CARU
41323	Douglas-fir/pinegrass-pinegrass	PSME/CARU-CARU
41330	Douglas-fir/Geyer's sedge	PSME/CAGE2
41334	Douglas-fir/Geyer's sedge/ponderosa pine	PSME/CAGE2/PIPO
41340	Douglas-fir/white spirea	PSME/SPBE2
41341	Douglas-fir/white spirea-white spirea	PSME/SPBE2-SPBE2
41343	Douglas-fir/white spirea/pinegrass	PSME/SPBE2-CARU
41360	Douglas-fir/common juniper	PSME/JUCO6
41370	Douglas-fir/heartleaf arnica	PSME/ARCO9
41371	Douglas-fir/heartleaf arnica-heartleaf arnica	PSME/ARCO9-ARCO9
41372	Douglas-fir/heartleaf arnica/timber milkvetch	PSME/ARCO9/ASMI9
41375	Douglas-fir/sweetcicely	PSME/OSBE
41380	Douglas-fir/mountain snowberry	PSME/SYOR2
41385	Douglas-fir/curl-leaf mountain mahogany	PSME/CELE3
41390	Douglas-fir/Rocky Mountain maple	PSME/ACGL

NRV_PV_COVER_TYPES (CONT.)**Reference Code 413 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41395	Douglas-fir/creeping barberry	PSME/MARE11
41396	Douglas-fir/creeping barberry-creeping barberry	PSME/MARE11-MARE11
41397	Douglas-fir/creeping barberry-mountain snowberry	PSME/MARE11-SYOR2
41398	Douglas-fir/creeping barberry/Geyer's sedge	PSME/MARE11/CAGE2
41399	Douglas-fir/creeping barberry/common juniper	PSME/MARE11/JUCO6
41407	blue spruce/creeping barberry	PIPU/MARE11
41410	Engelmann spruce/field horsetail	PIEN/EQAR
41415	Engelmann spruce/white marsh marigold	PIEN/CALE4
41440	Engelmann spruce/fragrant bedstraw	PIEN/GATR3
41485	Engelmann spruce/grouse whortleberry	PIEN/VASC
41490	Engelmann spruce/softleaf sedge	PIEN/CADI6
41493	Engelmann spruce/revolute hypnum moss	PIEN/HYRE70
41497	Engelmann spruce/gooseberry currant	PIEN/RIMO2
41601	subalpine fir/red baneberry	ABLA/ACRU2
41603	subalpine fir/mallow ninebark	ABLA/PHMA5
41635	subalpine fir/claspleaf twistedstalk	ABLA/STAM2
41636	subalpine fir/claspleaf twistedstalk-claspleaf twistedstalk phase	ABLA/STAM2-STAM2
41640	subalpine fir/dwarf bilberry	ABLA/VACA13
41645	subalpine fir/Rocky Mountain maple	ABLA/ACGL
41650	subalpine fir/bluejoint	ABLA/CACA4
41651	subalpine fir/bluejoint-bluejoint	ABLA/CACA4-CACA4
41654	subalpine fir/bluejoint/dwarf bilberry	ABLA/CACA4/VACA13
41655	subalpine fir/bluejoint/western Labrador tea	ABLA/CACA4/LEGL
41660	subalpine fir/twinflower	ABLA/LIBO3
41661	subalpine fir/twinflower-twinflower	ABLA/LIBO3-LIBO3
41663	subalpine fir/twinflower/grouse whortleberry	ABLA/LIBO3/VASC
41670	subalpine fir/rusty menziesia	ABLA/MEFE
41671	subalpine fir/rusty menziesia-rusty menziesia	ABLA/MEFE-MEFE
41690	subalpine fir/common beargrass	ABLA/XETE
41691	subalpine fir/common beargrass/thinleaf huckleberry	ABLA/XETE/VAME
41692	subalpine fir/common beargrass/grouse whortleberry	ABLA/XETE/VASC
41702	subalpine fir/creeping barberry-creeping barberry	ABLA/MARE11-MARE11
41703	subalpine fir/creeping barberry	ABLA/MARE11
41705	subalpine fir/white spirea	ABLA/SPBE2
41707	subalpine fir/sickletop lousewort	ABLA/PERA
41714	subalpine fir/creeping barberry/limber pine	ABLA/MARE11/PIFL2
41718	subalpine fir/creeping barberry/Engelmann spruce	ABLA/MARE11/PIEN
41720	subalpine fir/thinleaf huckleberry	ABLA/VAME
41721	subalpine fir/thinleaf huckleberry/grouse whortleberry	ABLA/VAME/VASC
41723	subalpine fir/thinleaf huckleberry-thinleaf huckleberry	ABLA/VAME-VAME
41730	subalpine fir/grouse whortleberry	ABLA/VASC
41731	subalpine fir/grouse whortleberry/pinegrass	ABLA/VASC/CARU
41732	subalpine fir/grouse whortleberry-grouse whortleberry	ABLA/VASC-VASC
41734	subalpine fir/grouse whortleberry/whitebark pine	ABLA/VASC/PIAL
41745	subalpine fir/common juniper	ABLA/JUCO6

NRV_PV_COVER_TYPES (CONT.)**Reference Code 413 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41750	subalpine fir/pinegrass	ABLA/CARU
41760	subalpine fir/sweetcicely	ABLA/OSBE
41780	subalpine fir/heartleaf arnica	ABLA/ARCO9
41790	subalpine fir/Geyer's sedge	ABLA/CAGE2
41791	subalpine fir/Geyer's sedge-Geyer's sedge	ABLA/CAGE2-CAGE2
41795	subalpine fir/Ross' sedge	ABLA/CARO5
41810	subalpine fir/gooseberry currant	ABLA/RIMO2
41811	subalpine fir/gooseberry currant-gooseberry currant	ABLA/RIMO2-RIMO2
41830	subalpine fir/Hitchcock's smooth woodrush	ABLA/LUGLH
41831	subalpine fir/Hitchcock's smooth woodrush/grouse whortleberry	ABLA/LUGLH/VASC
41861	white fir/mallow ninebark	ABCO/PHMA5
41863	white fir/creeping barberry	ABCO/MARE11
41865	white fir/creeping barberry-creeping barberry	ABCO/MARE11-MARE11
41920	lodgepole pine/dwarf bilberry	PICO/VACA13
41940	lodgepole pine/grouse whortleberry	PICO/VASC
41955	lodgepole pine/Geyer's sedge	PICO/CAGE2
41960	lodgepole pine/common juniper	PICO/JUCO6

Reference Code 414

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
41090	Great Basin bristlecone pine series	PILO
41091	Great Basin bristlecone pine-limber pine/common juniper	PILO-PIFL2/JUCO6
41858	white fir-Rocky Mountain juniper	ABCO-JUSC2
41859	white fir-ponderosa pine/curl-leaf mountain mahogany	ABCO-PIPO/CELE3
42400	quaking aspen-white fir series	POTR5-ABCO
43157	water birch/starry false lily of the valley	BEOC2/MAST4
44010	Utah juniper-singleleaf pinyon/blackbrush	JUOS-PIMO/CORA
44106	singleleaf pinyon-Utah juniper/big sagebrush	PIMO-JUOS/ARTR2
44121	singleleaf pinyon-curl-leaf mountain mahogany/big sagebrush	PIMO-CELE3/ARTR2
44132	singleleaf pinyon/big sagebrush	PIMO/ARTR2
44250	Rocky Mountain juniper series	JUSC2

Reference Code 415

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
51090	Washoe pine series	PIWA

NRV_PV_COVER_TYPES (CONT.)

Reference Code 416

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
44100	singleleaf pinyon-Utah juniper series	PIMO-JUOS
44101	singleleaf pinyon-Utah juniper/little sagebrush	PIMO-JUOS/ARAR8
44102	singleleaf pinyon-Utah juniper/black sagebrush/bluebunch wheatgrass	PIMO-JUOS/ARNO4/PSSP6
44103	singleleaf pinyon-Utah juniper/black sagebrush/Indian ricegrass	PIMO-JUOS/ARNO4/ACHY
44104	singleleaf pinyon-Utah juniper/black sagebrush/Sandberg bluegrass	PIMO-JUOS/ARNO4/POSE
44105	singleleaf pinyon-Utah juniper/black sagebrush/squirreltail	PIMO-JUOS/ARNO4/ELEL5
44107	singleleaf pinyon-Utah juniper/basin big sagebrush/western wheatgrass	PIMO-JUOS/ARTRT/PASM
44108	singleleaf pinyon-Utah juniper/basin big sagebrush/Indian ricegrass	PIMO-JUOS/ARTRT/ACHY
44109	singleleaf pinyon-Utah juniper/basin big sagebrush/Sandberg bluegrass	PIMO-JUOS/ARTRT/POSE
44110	singleleaf pinyon-Utah juniper/mountain big sagebrush/bluebunch wheatgrass	PIMO-JUOS/ARTRV/PSSP6
44111	singleleaf pinyon-Utah juniper/mountain big sagebrush/Indian ricegrass	PIMO-JUOS/ARTRV/ACHY
44112	singleleaf pinyon-Utah juniper/mountain big sagebrush/Sandberg bluegrass	PIMO-JUOS/ARTRV/POSE
44113	singleleaf pinyon-Utah juniper/Wyoming big sagebrush/James' galleta	PIMO-JUOS/ARTRW8/PLJA
44114	singleleaf pinyon-Utah juniper/Wyoming big sagebrush/Sandberg bluegrass	PIMO-JUOS/ARTRW8/POSE
44115	singleleaf pinyon-Utah juniper/Wyoming big sagebrush/squirreltail	PIMO-JUOS/ARTRW8/ELEL5
44131	singleleaf pinyon/mountain big sagebrush/Idaho fescue	PIMO/ARTRV/FEID
44201	Utah juniper/basin big sagebrush/bluebunch wheatgrass	JUOS/ARTRT/PSSP6
44202	Utah juniper/basin big sagebrush/James' galleta	JUOS/ARTRT/PLJA
44203	Utah juniper/Wyoming big sagebrush/bluebunch wheatgrass	JUOS/ARTRW8/PSSP6

Reference Code 417

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
100999	cottonwood series	POPUL
11999	ponderosa pine series	PIPO
12999	Douglas-fir series	PSME
1999	white fir series	ABCO
201999	oneseed juniper series	JUMO
202999	Utah juniper series	JUOS
204999	twoneedle pinyon series	PIED

NRV_PV_COVER_TYPES (CONT.)**Reference Code 417 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
210999	mesquite series	PROSO
220999	mountain mahogany series	CERCO
230999	redberry juniper series	JUCO11
231999	alligator juniper series	JUDE2
232999	border pinyon series	PIDI3
233999	singleleaf pinyon series	PIMOF
238999	bristlecone pine series	PIAR
240999	limber pine series	PIFL2
250999	desert ironwood series	OLTE
31999	Arizona cypress series	CUAR
32999	Apache pine series	PIEN2
33999	chihuahuan pine series	PILE
3999	subalpine fir series	ABLA
43020	Utah juniper series	JUOS
43021	Rocky Mountain juniper series	JUSC2
43022	bigtooth maple series	ACGR3
43023	Floodplain communities	FLOODPLAIN
4999	Engelmann spruce series	PIEN
610999	Mexican blue oak series	QUOB
620999	Emory oak series	QUEM
631999	gray oak series	QUGR3
632999	Arizona white oak series	QUAR
640999	Gambel oak series	QUGA
650999	silverleaf oak series	QUHY
6999	blue spruce series	PIPU
9000042	Old High Site Woodland	PIED
9000043	Old Low Site Woodland	JUMO
9999999	type undefined	UNDEFINED

Reference Code 418

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
45101	curl-leaf mountain mahogany/big sagebrush/Idaho fescue	CELE3/ARTR2/FEID
45104	curl-leaf mountain mahogany/big sagebrush/bearded wheatgrass	CELE3/ARTR2/ELCA11
45107	curl-leaf mountain mahogany/big sagebrush/Sandberg bluegrass	CELE3/ARTR2/POSE
45110	curl-leaf mountain mahogany/Idaho fescue	CELE3/FEID
45115	curl-leaf mountain mahogany/Idaho fescue/bluebunch wheatgrass	CELE3/FEID/PSSPS
45120	curl-leaf mountain mahogany/basin wildrye	CELE3/LECI4
45130	curl-leaf mountain mahogany/common snowberry/Idaho fescue	CELE3/SYAL/FEID

NRV_PV_COVER_TYPES (CONT.)**Reference Code 418 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
45140	curl-leaf mountain mahogany/mountain snowberry/Sandberg bluegrass	CELE3/SYOR2/POSE
45141	curl-leaf mountain mahogany/mountain snowberry/Sandberg bluegrass/heartleaf arnica	CELE3/SYOR2/POSE/ARCO9
45145	curl-leaf mountain mahogany/mountain snowberry	CELE3/SYOR2
45146	curl-leaf mountain mahogany/mountain snowberry/arrowleaf balsamroot	CELE3/SYOR2/BASA3
45148	curl-leaf mountain mahogany/mountain snowberry/Idaho fescue	CELE3/SYOR2/FEID
45160	curl-leaf mountain mahogany/pinegrass	CELE3/CARU
45165	curl-leaf mountain mahogany/pinegrass/Idaho fescue	CELE3/CARU/FEID

Reference Code 501

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
42012	quaking aspen/Kentucky bluegrass	POTR5/POPR
42228	Geyer's willow/mesic graminoid	SAGE2/2GRAM
43001	conifer/redosier dogwood	2TE/COSE16
43010	conifer/Kentucky bluegrass	2TE/POPR
43014	conifer/water birch	2TE/BEOC2
43015	conifer/Woods' rose	2TE/ROWO
43016	conifer/tall forb	2TE/2FORB
43017	conifer/mesic forb	2TE/2FORB
43031	lodgepole pine/mountain sedge	PICO/CASC12
43061	quaking aspen/water birch	POTR5/BEOC2
43062	quaking aspen/redosier dogwood	POTR5/COSE16
43063	quaking aspen/willow	POTR5/SALIX
43064	quaking aspen/Woods' rose	POTR5/ROWO
43065	quaking aspen/California brome	POTR5/BRCA5
43066	quaking aspen/Kentucky bluegrass	POTR5/POPR
43067	quaking aspen/mesic forb	POTR5/2FORB
43071	cottonwood/water birch	POPUL/BEOC2
43072	cottonwood/redosier dogwood	POPUL/COSE16
43073	cottonwood/willow	POPUL/SALIX
43074	cottonwood/Woods' rose	POPUL/ROWO
43075	cottonwood/fragrant sumac	POPUL/RHAR4
43076	cottonwood (stream bar)	POPUL
43101	gray alder/	ALIN2
43103	gray alder/mesic forb	ALIN2/2FORB
43104	gray alder/mesic graminoid	ALIN2/2GRAM
43106	gray alder/redosier dogwood	ALIN2/COSE16
43151	water birch/redosier dogwood	BEOC2/COSE16
43152	water birch/mesic forb	BEOC2/2FORB
43153	water birch/mesic graminoid	BEOC2/2GRAM
43154	water birch/field horsetail	BEOC2/EQAR

NRV_PV_COVER_TYPES (CONT.)**Reference Code 501 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
43155	water birch/Kentucky bluegrass	BEOC2/POPR
43156	water birch (bench)	BEOC2
43222	Geyer's willow/beaked sedge	SAGE2/CARO6
43243	narrowleaf willow/mesic forb	SAEX/2FORB
43246	narrowleaf willow/Woods' rose	SAEX/ROWO
43247	narrowleaf willow (bench)	SAEX
43261	Lemmon's willow/mountain sedge	SALE/CASC12
43262	Lemmon's willow/mesic graminoid	SALE/2GRAM
43263	Lemmon's willow/mesic forb	SALE/2FORB
43264	Lemmon's willow/tall forb	SALE/2FORB
43265	Lemmon's willow (seep)	SALE
43266	Lemmon's willow (bench)	SALE
43272	yellow willow/mesic graminoid	SALU2/2GRAM
43273	yellow willow/mesic forb	SALU2/2FORB
43274	yellow willow/Woods' rose	SALU2/ROWO
43275	yellow willow/Kentucky bluegrass	SALU2/POPR
43276	yellow willow (bench)	SALU2
43282	Drummond's willow	SADR
43284	Pacific willow/mesic forb	SALUL/2FORB
43285	Pacific willow (bench)	SALUL
43287	arroyo willow/Woods' rose	SALA6/ROWO
43288	arroyo willow (bench)	SALA6
43289	willow/beaked sedge	SALIX/CARO6
43290	willow/mesic graminoid	SALIX/2GRAM
43291	willow/mesic forb	SALIX/2FORB
43292	willow/tall forb	SALIX/2FORB
43293	willow/Woods' rose	SALIX/ROWO
43294	willow/Kentucky bluegrass	SALIX/POPR
43304	Wolf's willow/mountain sedge	SAWO/CASC12
43325	diamondleaf willow/mountain sedge	SAPL2/CASC12
43327	mountain willow/mountain sedge	SAEA/CASC12
43328	Sierra willow/tall forb	SAOR/2FORB
43329	low willow/mesic forb	SALIX/2FORB
43351	redosier dogwood	COSE16
43352	redosier dogwood-willow	COSE16-SALIX
43451	chokecherry/Woods' rose	PRVI/ROWO
43500	Woods' rose	ROWO
43554	shrubby cinquefoil/Gray's licorice-root	DAFL3/LIGR
43605	silver sagebrush/graminoid (dry)	ARCA13/2GRAM
43606	silver sagebrush/graminoid (mesic)	ARCA13/2GRAM
43651	basin big sagebrush/Woods' rose	ARTRT/ROWO
43801	water sedge	CAAQ
43803	Douglas' sedge	CADO2
43805	woolly sedge	CAPE42
43807	smallwing sedge	CAMI7
43808	Nebraska sedge	CANE2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 501 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
43809	beaked sedge	CAR06
43811	mountain sedge	CASC12
43812	analogue sedge	CASI2
43821	common spikerush	ELPA3
43822	fewflower spikerush	ELQU2
43831	Baltic rush	JUBA
43871	tufted hairgrass	DECA18
43872	tufted hairgrass-Nebraska sedge	DECA18-CANE2
43882	Kentucky bluegrass	POPR
43883	Sandberg bluegrass	POSE
43905	Sierra shootingstar	DOJE
43911	bigleaf lupine-arrowleaf ragwort	LUP02-SETR
43915	Rocky Mountain iris/dry graminoid	IRMI/2GRAM
43916	Rocky Mountain iris/mesic graminoid	IRMI/2GRAM
43921	tall fringed bluebells	MECI3
43931	California false hellebore	VECA2
43991	creping bentgrass	AGST2
43995	meadow barley	HOB2

Reference Code 502

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CC0311	incense cedar-ponderosa pine-Douglas-fir/mountain misery	CADE27-PIPO-PSME/CHFO
CPJGBW11	Jeffery pine-white fir/bluegrass (granite)	PIJE-ABCO/POA
CPJGNG11	ponderosa pine-Jeffery pine-white fir/western needlegrass (ash)	PIPO-PIJE-ABCO/ACOCO
CPJSAM11	ponderosa pine-Jeffery pine-California black oak/pale serviceberry	PIPO-PIJE-QUKE/AMPA2
CPJSAM12	ponderosa pine-Jeffery pine-white fir/pale serviceberry-creeping barberry	PIPO-PIJE-ABCO/AMPA2-MARE11
CPJSBB11	Jeffrey pine-California black oak/skunkbush sumac	PIJE-QUKE/RHTRQ
CPJSBB12	Jeffrey pine/antelope bitterbrush-curl-leaf mountain mahogany/western needlegrass	PIJE/PUTR2-CELE3/ACOCO
CPJSBB13	Jeffrey pine/antelope bitterbrush-Utah snowberry/bluegrass	PIJE/PUTR2-SYORU/POA
CPJSBB14	Jeffrey pine/antelope bitterbrush/woolly mule-ears	PIJE/PUTR2/WYMO
CPJSBB15	ponderosa pine-Jeffery pine-Douglas-fir/antelope bitterbrush/woolly mule-ears	PIPO-PIJE-PSME/PUTR2/WYMO
CPJSBB16	ponderosa pine-Jeffery pine-California black oak/bluegrass (granite)	PIPO-PIJE-QUKE/POA

NRV_PV_COVER_TYPES (CONT.)**Reference Code 502 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPJSBB17	ponderosa pine-Jeffery pine/mountain big sagebrush-antelope bitterbrush	PIPO-PIJE/ARTRV-PUTR2
CPJSBB18	ponderosa pine-Jeffery pine/antelope bitterbrush/Idaho fescue	PIPO-PIJE/PUTR2/FEID
CPJSBB19	ponderosa pine-Jeffery pine/antelope bitterbrush/Idaho fescue (granite)	PIPO-PIJE/PUTR2/FEID
CPJSBB20	ponderosa pine-Jeffery pine/antelope bitterbrush/lambstongue ragwort (granite)	PIPO-PIJE/PUTR2/SEINM
CPJSBB21	ponderosa pine-Jeffery pine/Modoc buckthorn/Sandberg bluegrass	PIPO-PIJE/FRRUM/POSE
CPJSBB23	ponderosa pine-Jeffery pine-white fir/interior live oak	PIPO-PIJE-ABCO/QUWI2
CPJSMC11	Jeffrey pine/curl-leaf mountain mahogany	PIJE/CELE3
CPJSMC12	ponderosa pine-Jeffery pine/curl-leaf mountain mahogany/bluebunch wheatgrass	PIPO-PIJE/CELE3/PSSPS
CPJSMC13	ponderosa pine-Jeffery pine/curl-leaf mountain mahogany/arrowleaf balsamroot	PIPO-PIJE/CELE3/BASA3
CPJSOH11	ponderosa pine-Jeffery pine-white fir/huckleberry oak/woolly mule-ears	PIPO-PIJE-ABCO/QUVA/WYMO
CPJSSB11	Jeffrey pine/mountain big sagebrush/Idaho fescue	PIJE/ARTRV/FEID
CPJSSS12	ponderosa pine-Jeffery pine-white fir/sharpleaf snowberry/woolly mule-ears	PIPO-PIJE-ABCO/SYAC/WYMO
CPJSSY11	Jeffery pine-white fir/Utah snowberry/Wheeler bluegrass	PIJE-ABCO/SYORU/PONE2
CPOSMP11	Washoe pine/pinemat manzanita	PIWA/ARNE
CPOSSY11	Washoe pine-white fir/Utah snowberry/tuber starwort	PIWA-ABCO/SYORU/PSJA2
CPPSAM11	ponderosa pine/pale serviceberry-creeping barberry/heartleaf arnica	PIPO/AMPA2-MARE11/ARCO9
CPPSAM12	ponderosa pine/pale serviceberry-plum	PIPO/AMPA2-PRUNU
CPPSAM13	ponderosa pine-white fir-lodgepole pine/pale serviceberry	PIPO-ABCO-PICO/AMPA2
CPPSAM14	ponderosa pine-white fir-black oak/pale serviceberry	PIPO-ABCO-QUVE/AMPA2
CPPSAM15	ponderosa pine-white fir/pale serviceberry-creeping barberry	PIPO-ABCO/AMPA2-MARE11
CPPSAM16	ponderosa pine-white fir/pale serviceberry-snowbrush ceanothus/Orcutt's brome	PIPO-ABCO/AMPA2-CEVE/BROR2
CPPSBB11	ponderosa pine-incense cedar/antelope bitterbrush/arrowleaf balsamroot	PIPO-CADE27/PUTR2/BASA3
CPPSBB12	ponderosa pine-California black oak/antelope bitterbrush/western needlegrass	PIPO-QUKE/PUTR2/ACOCO
CPPSBB13	ponderosa pine/curl-leaf mountain mahogany-antelope bitterbrush/Idaho fescue	PIPO/CELE3-PUTR2/FEID
CPPSBB14	ponderosa pine/antelope bitterbrush-snowbrush ceanothus-greenleaf manzanita/Orcutt's brome	PIPO/PUTR2-CEVE-ARPA6/BROR2
CPPSBB15	ponderosa pine/antelope bitterbrush-plum/Orcutt's brome	PIPO/PUTR2-PRUNU/BROR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 502 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPPSBB16	ponderosa pine/antelope bitterbrush-plum/bluebunch wheatgrass	PIPO/PUTR2-PRUNU/PSSPS
CPPSBB17	ponderosa pine/antelope bitterbrush-wax currant/Orcutt's brome	PIPO/PUTR2-RICE/BROR2
CPPSBB18	ponderosa pine/antelope bitterbrush/arrowleaf balsamroot	PIPO/PUTR2/BASA3
CPPSBB19	ponderosa pine/antelope bitterbrush/Idaho fescue	PIPO/PUTR2/FEID
CPPSBB20	ponderosa pine/antelope bitterbrush/western needlegrass (pumice)	PIPO/PUTR2/ACOCO
CPPSBB21	ponderosa pine-white fir/snowbrush ceanothus/western needlegrass	PIPO-ABCO/CEVE/ACOCO
CPPSBB22	ponderosa pine-white fir/antelope bitterbrush-greenleaf manzanita/western needlegrass	PIPO-ABCO/PUTR2-ARPA6/ACOCO
CPPSSB11	ponderosa pine/mountain big sagebrush/Idaho fescue	PIPO/ARTRV/FEID
DC0811	Douglas-fir-ponderosa pine/Pacific poison oak	PSME-PIPO/TODI
DC0812	Douglas-fir-ponderosa pine/mountain misery/Sierra milkwort	PSME-PIPO/CHFO/POCOC
DC0813	Douglas-fir-pine-canyon live oak/deerbrush	PSME-PINUS-QUCH2/CEIN3
DC0911	Douglas-fir-white fir-tanoak/western brackenfern	PSME-ABCO-LIDE3/PTAQ
DH0711	Douglas-fir-mountain dogwood-tanoak/California hazelnut/stickywilly	PSME-CONU2-LIDE3/COCOC/GAAP2
PC0611	ponderosa pine-white fir/tobaccobrush-squawcarpet	PIPO-ABCO/CEVE3-CEPR
QS0111	sugar pine-western white pine/huckleberry oak-pinemat manzanita	PILA-PIM03/QUVA-ARNE
WC0911	white fir-Douglas-fir-tanoak/California hazelnut	ABCO-PSME-LIDE3/COCOC
WC0912	white fir-Douglas-fir-mountain dogwood/bush chinquapin	ABCO-PSME/CORNU/CHSE11
WC0913	white fir-Douglas-fir/sharpleaf snowberry/thimbleberry	ABCO-PSME/SYAC/RUPA
WC0914	white fir-sugar pine/sharpleaf snowberry/Ross' sedge	ABCO-PILA/SYAC/CAR05
WC0915	white fir-Douglas-fir/little prince's pine	ABCO-PSME/CHME
WC0916	white fir-Douglas-fir-incense cedar/pale serviceberry	ABCO-PSME-CADE27/AMPA2
WC0917	white fir-Douglas-fir-Jeffrey pine/rosy everlasting	ABCO-PSME-PIJE/GAMO

Reference Code 503

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
DF	Douglas-fir series	PSME
DF1	Douglas-fir/California hazelnut/western swordfern	PSME/COCOC/POMU
DF2	Douglas-fir-incense cedar/Canyon live oak/Pacific poison oak	PSME-CADE27/QUCH2/TODI
DFJP	Douglas-fir-Jeffrey pine series	PSME-PIJE
DFJP1	Douglas-fir-Jeffrey pine-incense cedar/buckbrush/nakedstem hawksbeard	PSME-PIJE-CADE27/CECU/CRPL
DFJP2	Douglas-fir-Jeffrey pine/California fescue	PSME-PIJE/FECA

NRV_PV_COVER_TYPES (CONT.)**Reference Code 503 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
DFJP3	Dougals-fir-Jeffrey pine-white fir/hollyleaved barberry/Geyer's sedge	PSME-PIJE-ABCO/MAAQ2/CAGE2
DFPP	Douglas-fir Ponderosa Pine series	PSME-PIPO
DFPP1	Douglas-fir-sugar pine/tanoak/western brackenfern	PSME-PILA/LIDEE/PTAQ
DFPP2	Douglas-fir-ponderosa pine/tanoak/broadleaf starflower	PSME-PIPO/LIDEE/TRBOL
DFPP3	Douglas-fir-ponderosa pine/California buckthorn/western brackenfern	PSME-PIPO/FRCA04/PTAQ
DFPP4	Douglas-fir-ponderosa pine/deerbrush/variableleaf collomia	PSME-PIPO/CEIN3/COHE2
DFPP5	Douglas-fir-ponderosa pine/California fescue	PSME-PIPO/FECA
DFPP6	Douglas-fir-ponderosa pine/huckleberry oak/narrowleaf swordfern	PSME-PIPO/QUVA/POIMI
DFPP7	Douglas-fir-pine-incense cedar/forest clover	PSME-PINUS-CADE27/TRBR3
DFPP7A	Douglas-fir-pine-incense cedar/buckbrush/forest clover-California fescue	PSME-PINUS-CADE27/CECU/TRBR3-FECA
DFPP8	Douglas-fir-pine-incense cedar/common beargrass	PSME-PINUS-CADE27/XETE
DFPP9	Douglas-fir-pine-incense cedar/Indian's dream	PSME-PINUS-CADE27/ASDE6
JPIC	Jeffrey pine-incense cedar series	PIJE-CADE27
JPIC1	Jeffrey pine-incense cedar/buckbrush/Shasta helianthella	PIJE-CADE27/CECU/HECAS2
JPIC2	Jeffrey pine-incense cedar/huckleberry oak/Indian's dream	PIJE-CADE27/QUVA/ASDE6
JPIC3	Jeffrey pine-incense cedar/hollyleaved barberry/Idaho fescue	PIJE-CADE27/MAAQ2/FEID
JPIC4	Jeffrey pine/curl-leaf mountain mahogany/bluebunch wheatgrass	PIJE/CELE3/PSSPS
JPIC5	Jeffrey pine/Parry's rabbitbrush/spreading phlox	PIJE/ERPAP10/PHDI3
POC	Port Orford Cedar series	CHLA
POC1	Port Orford Cedar-Douglas fir/western azalea-huckleberry oak	CHLA-PSME/RHOC-QUVA
POC2	Port Orford Cedar-grand fir/western azalea-western Labrador tea	CHLA-ABGR/RHOC-LEGL
RF	Shasta red fir series	ABSH
RF1	Shasta red fir/pinemat manzanita/wintergreen	ABSH/ARNE/PYROL
WFDF	White fir-Douglas-fir series	ABCO-PSME
WFDF1	white fir-Douglas-fir-sugar pine/Pacific dogwood	ABCO-PSME-PILA/CONU4
WFDF2	Douglas-fir-white fir/western azalea	PSME-ABCO/RHOC
WFDF3	Douglas-fir-white fir-ponderosa pine/pinemat manzanita/pipsissewa	PSME-ABCO-PIPO/ARNE/CHUMO2
WFDF4	white fir-Douglas-fir/huckleberry oak/pipsissewa	ABCO-PSME/QUVA/CHUMO2
WFDF5	white fir-Douglas-fir-western white pine/pinemat manzanita	ABCO-PSME-PIMO3/ARNE
WFJP	white fir-Jeffrey pine series	ABCO-PIJE
WFJP1	white fir-Jeffrey pine-Douglas-fir/huckleberry oak	ABCO-PIJE-PSME/QUVA
WFJP2	white fir-Jeffrey pine-incense cedar/huckleberry oak/mountain monardella	ABCO-PIJE-CADE27/QUVA/MOOD
WFJP3	white fir-western white pine-Jeffrey pine/huckleberry oak	ABCO-PIMO3-PIJE/QUVA
FWFP	white fir-western white pine series	ABCO-PIMO3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 503 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
WFWP1	white fir-western white pine/pinemat manzanita	ABCO-PIMO3/ARNE
CPJGBW11	Jeffrey pine-white fir/bluegrass (granite)	PIJE-ABCO/POA

Reference Code 504

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPJGNG11	Jeffrey pine-ponderosa pine/western needlegrass (ash)	PIJE-PIPO/ACOCO
CPJS	Jeffrey pine and ponderosa pine series	PIJE-PIPO
CPJSAM11	Jeffrey pine-ponderosa pine-California black oak/pale serviceberry	PIJE-PIPO-QUKE/AMPA2
CPJSAM12	Jeffrey pine-ponderosa pine-white fir/pale serviceberry-creeping barberry	PIJE-PIPO-ABCO/AMPA2-MARE11
CPJSBB11	Jeffrey pine-California black oak/skunkbush sumac	PIJE-QUKE/RHTRQ
CPJSBB12	Jeffrey pine/antelope bitterbrush-curl-leaf mountain mahogany/western needlegrass	PIJE/PUTR2-CELE3/ACOCO
CPJSBB13	Jeffrey pine/antelope bitterbrush-Utah snowberry/bluegrass	PIJE/PUTR2-SYORU/POA
CPJSBB14	Jeffrey pine/antelope bitterbrush/woolly mule-ears	PIJE/PUTR2/WYMO
CPJSBB15	Jeffrey pine-ponderosa pine-Douglas-fir/antelope bitterbrush/woolly mule-ears	PIJE-PIPO-PSME/PUTR2/WYMO
CPJSBB16	Jeffrey pine-ponderosa pine-California black oak/bluegrass (granite)	PIJE-PIPO-QUKE/POA
CPJSBB17	Jeffrey pine-ponderosa pine/mountain big sagebrush-antelope bitterbrush	PIJE-PIPO/ARTRV-PUTR2
CPJSBB18	Jeffrey pine-ponderosa pine/antelope bitterbrush/Idaho fescue	PIJE-PIPO/PUTR2/FEID
CPJSBB19	Jeffrey pine-ponderosa pine/antelope bitterbrush/Idaho fescue (granite)	PIJE-PIPO/PUTR2/FEID
CPJSBB20	Jeffrey pine-ponderosa pine/antelope bitterbrush/lambstongue ragwort (granite)	PIJE-PIPO/PUTR2/SEINM
CPJSBB21	Jeffrey pine-ponderosa pine/Modoc buckthorn/Sandberg bluegrass	PIJE-PIPO/FRRUM/POSE
CPJSBB23	Jeffrey pine-ponderosa pine-white fir/interior live oak	PIJE-PIPO-ABCO/QUWI2
CPJSMC11	Jeffrey pine/curl-leaf mountain mahogany	PIJE/CELE3
CPJSMC12	Jeffrey pine-ponderosa pine/curl-leaf mountain mahogany/bluebunch wheatgrass	PIJE-PIPO/CELE3/PSSPS
CPJSMC13	Jeffrey pine-ponderosa pine/curl-leaf mountain mahogany/arrowleaf balsamroot	PIJE-PIPO/CELE3/BASA3
CPJSOH11	Jeffrey pine-ponderosa pine-white fir/huckleberry oak/woolly mule-ears	PIJE-PIPO-ABCO/QUVA/WYMO
CPJSSB11	Jeffrey pine/mountain big sagebrush/Idaho fescue	PIJE/ARTRV/FEID
CPJSSS12	Jeffrey pine-ponderosa pine-white fir/sharpleaf snowberry/woolly mule-ears	PIJE-PIPO-ABCO/SYAC/WYMO
CPJSSY11	Jeffrey pine-white fir/Utah snowberry/Wheeler bluegrass	PIJE-ABCO/SYORU/PONE2
CPOSMP11	Washoe pine/pinemat manzanita	PIWA/ARNE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 504 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPOSSY11	Washoe pine-white fir/Utah snowberry/tuber starwort	PIWA-ABCO/SYORU/PSJA2
CPPS	ponderosa pine series	PIPO
CPPSAM11	ponderosa pine/pale serviceberry-creeping barberry/heartleaf arnica	PIPO/AMPA2-MARE11/ARCO9
CPPSAM12	ponderosa pine/pale serviceberry-plum	PIPO/AMPA2-PRUNU
CPPSAM13	ponderosa pine-white fir-lodgepole pine/pale serviceberry	PIPO-ABCO-PICO/AMPA2
CPPSAM14	ponderosa pine-white fir-California black oak/pale serviceberry	PIPO-ABCO-QUKE/AMPA2
CPPSAM15	ponderosa pine-white fir/pale serviceberry-creeping barberry	PIPO-ABCO/AMPA2-MARE11
CPPSAM16	ponderosa pine-white fir/pale serviceberry-snowbrush ceanothus/Orcutt's brome	PIPO-ABCO/AMPA2-CEVE/BROR2
CPPSBB11	ponderosa pine-incense cedar/antelope bitterbrush/arrowleaf balsamroot	PIPO-CADE27/PUTR2/BASA3
CPPSBB12	ponderosa pine-California black oak/antelope bitterbrush/western needlegrass	PIPO-QUKE/PUTR2/ACOCO
CPPSBB13	ponderosa pine/curl-leaf mountain mahogany-antelope bitterbrush/Idaho fescue	PIPO/CELE3-PUTR2/FEID
CPPSBB14	ponderosa pine/antelope bitterbrush-snowbrush ceanothus-greenleaf manzanita/Orcutt's brome	PIPO/PUTR2-CEVE-ARPA6/BROR2
CPPSBB15	ponderosa pine/antelope bitterbrush-plum/Orcutt's brome	PIPO/PUTR2-PRUNU/BROR2
CPPSBB16	ponderosa pine/antelope bitterbrush-plum/bluebunch wheatgrass	PIPO/PUTR2-PRUNU/PSSPS
CPPSBB17	ponderosa pine/antelope bitterbrush-wac currant/Orcutt's brome	PIPO/PUTR2-RICE/BROR2
CPPSBB18	ponderosa pine/antelope bitterbrush/arrowleaf balsamroot	PIPO/PUTR2/BASA3
CPPSBB19	ponderosa pine/antelope bitterbrush/Idaho fescue	PIPO/PUTR2/FEID
CPPSBB20	ponderosa pine/antelope bitterbrush/western needlegrass (pumice)	PIPO/PUTR2/ACOCO
CPPSBB21	ponderosa pine-white fir/curl-leaf mountain mahogany/western needlegrass	PIPO-ABCO/CELE3/ACOCO
CPPSBB22	ponderosa pine-white fir/antelope bitterbrush-greenleaf manzanita/western needlegrass	PIPO-ABCO/PUTR2-ARPA6/ACOCO
CPPSSB11	ponderosa pine/mountain big sagebrush/Idaho fescue	PIPO/ARTRV/FEID
CPPSSS11	ponderosa pine-white fir/sharpleaf snowberry	PIPO-ABCO/SYAC

Reference Code 506

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFRCFR11	California red fir	ABMA
CFRCFW11	California red fir-white fir	ABMA-ABCO
CFRCPL11	California red fir-lodgepole pine/white hawkweed	ABMA-PICO/HIAL2
CFRCPW11	California red fir-western white pine	ABMA-PIMO3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 506 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFRCPW12	California red fir-western white pine/pinemat manzanita	ABMA-PIMO3/ARNE
CFRCPW13	California red fir-western white pine-lodgepole pine	ABMA-PIMO3-PICO
CFRCPW14	California red fir-western white pine/bush chinquapin	ABMA-PIMO3/CHSE11
CFRCRF12	California red fir/pinemat manzanita	ABMA/ARNE
CFRFME11	California red fir/woolly mule-ears	ABMA/WYMO
CFWCPR11	white fir-sugar pine-California red fir	ABCO-PILA-ABMA
CFWCPR12	California red fir-white fir-Jeffrey pine	ABMA-ABCO-PIJE
CHMCHM11	mountain hemlock (steep)	TSME
CHMCHM12	mountain hemlock (flat)	TSME
CJOCJO11	western juniper	JUOC
CJOCJO12	western juniper/big sagebrush	JUOC/ARTR2
CPJCPJ11	Jeffrey pine-California red fir	PIJE-ABMA
CPJCPJ12	Jeffrey pine/huckleberry oak	PIJE/QUVA
CPJCPJ13	Jeffrey pine/greenleaf manzanita-snowbrush ceanothus	PIJE/ARPA6-CEVE
CPJCPJ14	Jeffrey pine/whitethorn ceanothus-big sagebrush	PIJE/CECO-ARTR2
CPLCPL11	lodgepole pine/Gray's licorice-root	PICO/LIGR
CPLCPL12	lodgepole pine (woodlands)	PICO
CPLCPL13	lodgepole pine	PICO
CPLCPL14	lodgepole pine/big sagebrush	PICO/ARTR2
FBLFBL11	Bolander's milkvetch	ASBO2
HQAHQA11	quaking aspen/California false hellebore	POTR5/VECA2
HQAHQA12	quaking aspen/mountain monardella	POTR5/MOOD

Reference Code 507

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CD0SOH11	Douglas-fir/huckleberry oak	PSME/QUVA
CN00000	redwood	SESE3
CN00011	redwood (Gamboa-Sur)	SESE3
CNF0111	redwood/western brackenfern-giant chainfern (streamsides)	SESE3/PTAQ-WOFI
CNF0211	redwood/western swordfern-Pacific trillium (Gamboa-Sur)	SESE3/POMU-TROV2
CNF0311	redwood/California manroot-garden vetch (Gamboa-Sur)	SESE3/MAFA3-VISAN2
CNHB011	redwood-bigleaf maple/California polypody (Gamboa)	SESE3-ACMA3/POCA12
CNHT011	redwood-tanoak/roundfruit sedge-Douglas iris (Gamboa)	SESE3-LIDE3/CAGL7-IRDO
CPPSSS11	ponderosa pine-white fir/sharpleaf snowberry	PIPO-ABCO/SYAC
HOD00000	blue oak	QUDO
HODGA000	blue oak/annual grass	QUDO/2GRAM
HODGA011	blue oak/leporinum barley-Johnny-jump-up	QUDO/HOMUL-UIPE3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 507 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
HODGA012	blue oak/Chilean bird's-foot trefoil-purple tussockgrass	QUDO/LOWR2-NAPU4
HODGA013	blue oak/warty spurge-goldback fern	QUDO/EUSP-PETR7
HODGA014	blue oak/phloxleaf bedstraw-scarlet lupine	QUDO/GAAN-LUCO
HODGA015	blue oak/musky stork's bill-leporinum barley	QUDO/ERMO7-HOMUL
HODGA016	blue oak/San Bernardino larkspur-imbricate phacelia	QUDO/DEPA2-PHIM
HODGA017	blue oak/scarlet lupine-white sweet clover	QUDO/LUCO-MEAL12
HODGA018	blue oak/common fiddleneck-rusty popcornflower	QUDO/AMMEI2-PLNO
HODGA019	blue oak/longstem buckwheat/Chilean bird's-foot trefoil-dotseed plantain	QUDO/EREL6/LOWR2-PLER3
HODGA020	blue oak/spinster's blue eyed Mary-wireweed	QUDO/COSP-RILE2
HODGA021	blue oak/birchleaf mountain mahogany/hoary bowlesia-San Francisco woodland-star	QUDO/CEMOG/BOIN3-LIAF
HODGA022	blue oak/hillside gooseberry/ripgut brome	QUDO/RICA/BRDI3
HODHOI00	blue oak-interior live oak/grass	QUDO-QUWI2/2GRAM
HODHOI11	blue oak-interior live oak/mission woodland-star	QUDO-QUWI2/LICY3

Reference Code 509

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CX	mixed conifer series	2TE
CXF01	mixed conifer (moist group)	2TE
CXF0111	Douglas-fir-mixed conifer/California hazelnut	PSME-2TE/COCOC
CXF0112	white fir-mixed conifer/American trailplant	ABCO-2TE/ADBI
CXF0113	white fir-mixed conifer/feathery false lily of the valley-drops of gold	ABCO-2TE/MARAR-DIHO3
CXF02	mixed conifer (moderate group)	2TE
CXF0211	white fir-mixed conifer/Ross' sedge	ABCO-2TE/CARO5
CXF0212	white fir-mixed conifer/creeping snowberry/kelloggia	ABCO-2TE/SYMO/KELLO
CXF0213	Douglas-fir-mixed conifer/broadleaf starflower	PSME-2TE/TRBOL
CXF03	mixed conifer (dry group)	2TE
CXF0311	Douglas-fir-mixed conifer/Utah serviceberry	PSME-2TE/AMUT
CXF0312	ponderosa pine-mixed conifer/Bolander's bedstraw-Sierra milkwort	PIPO-2TE/GABO-POCO4
CXF0313	ponderosa pine-mixed conifer/everlasting-naked buckwheat	PIPO-2TE/GAMOC/ERNU3
CXHA11	Douglas-fir-mixed conifer-white alder/Indian rhubarb	PSME-2TE-ALRH2/DAPE
CXHB12	Douglas-fir-mixed conifer-bigleaf maple/American trailplant	PSME-2TE-ACMA3/ADBI
CXHD	Pacific dogwood group	CONU4
CXHD12	Douglas-fir-mixed conifer-Pacific dogwood/California hazelnut	PSME-2TE-CONU4/COCOC
CXHD13	Douglas-fir-mixed conifer-Pacific dogwood/American trailplant	PSME-2TE-CONU4/ADBI
CXHL	canyon live oak	QUCH2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 509 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CXHL11	ponderosa pine-mixed conifer-canyon live oak/mountain misery	PIPO-2TE-QUCH2/CHFO
CXHL13	ponderosa pine-mixed conifer-canyon live oak/Bolander's bedstraw	PIPO-2TE-QUCH2/GABO
CXHL14	Douglas-fir-mixed conifer-canyon live oak/western swordfern	PSME-2TE-QUCH2/POMU
CXHT	tanoak group	LIDE3
CXHT11	Douglas-fir-mixed conifer-tanoak/California hazelnut	PSME-2TE-LIDE3/COCOC
CXHT12	Douglas-fir-mixed conifer-tanoak-Pacific dogwood	PSME-2TE-LIDE3/CONU4
CXHT13	Douglas-fir-mixed conifer-tanoak/mountain misery	PSME-2TE-LIDE3/CHFO
CXHT14	Douglas-fir-mixed conifer-tanoak/iris	PSME-2TE-LIDE3/IRIS
CXS05	shrub (evergreen)	2SHRUB
CXS0511	white fir-mixed conifer/vine maple-bush chinquapin	ABCO-2TE/ACCI-CHSE11
CXS0512	white fir-mixed conifer/bush chinquapin	ABCO-2TE/CHSE11
CXS0513	ponderosa pine-mixed conifer/canyon live oak-huckleberry oak	PIPO-2TE/QUCH2-QUVA
CXS0514	ponderosa pine-mixed conifer/huckleberry oak (serpentine)	PIPO-2TE/QUVA
CXS06	mountain misery	CHFO
CXS0611	ponderosa pine-mixed conifer/manzanita-mountain misery	PIPO-2TE/ARCTO3-CHFO
CXS0612	ponderosa pine-mixed conifer/mountain misery/Boland's bedstraw	PIPO-2TE/CHFO/GABO
CXS07	mixed conifer (riparian group)	2TE
CXS0711	Douglas-fir-mixed conifer/Pacific dogwood	PSME-2TE/CONU4
CXS0712	Douglas-fir-mixed conifer/Sierra laurel	PSME-2TE/LEDA
CXS0715	white fir-mixed conifer/thinleaf alder/sedge	ABCO-2TE/ALVIC/CAREX
CXS0716	white fir-mixed conifer/thinleaf alder/Columbian monkshood	ABCO-2TE/ALVIC/ACCO4

Reference Code 510

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CCOCC000	Port Orford cedar	CHLA
CCOCC011	Port Orford cedar/salal	CHLA/GASH
CCOCC012	Port Orford cedar/Pacific rododendron-salal	CHLA/RHMA3-GASH
CCOCC013	Port Orford cedar/western azalea	CHLA/RHOC
CCOCC014	Port Orford cedar-western white pine/huckleberry oak	CHLA-PIMO3/QUVA
CCOCD003	Port Orford cedar-Douglas-fir-red alder/vine maple-Cascade barberry	CHLA-PSME-ALRU2/ACCI-MANE2
CCOCFR01	Port Orford cedar-Shasta red fir-Brewer's spruce/deer oak-huckleberry oak	CHLA-ABSH-PIBR/QUSA2-QUVA
CCOCFR02	Port Orford cedar-Shasta red fir/Sitka alder-deer oak	CHLA-ABSH/ALVIS-QUSA2
CCOCFR03	Port Orford cedar-Shasta red fir/Sitka alder/California pitcherplant	CHLA-ABSH/ALVIS/DACA5
CCOCFW00	Port Orford cedar-white fir	CHLA-ABCO

NRV_PV_COVER_TYPES (CONT.)**Reference Code 510 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CCOCFW11	Port Orford cedar-white fir/huckleberry oak	CHLA-ABCO/QUVA
CCOCFW12	Port Orford cedar-white fir-western white pine/huckleberry oak	CHLA-ABCO-PIM03/QUVA
CCOCFW13	Port Orford cedar-white fir/western azalea	CHLA-ABCO/RHOC
CCOCFW14	Port Orford cedar-white fir/forbs	CHLA-ABCO/2FORB
CCOCFW15	Port Orford cedar-white fir/deer oak	CHLA-ABCO/QUSA2
CCOCFW16	Port Orford cedar-Shasta red fir/deer oak-thinleaf huckleberry	CHLA-ABSH/QUSA2-VAME
CCOCFW17	Port Orford cedar-Douglas-fir/huckleberry oak	CHLA-PSME/QUVA
CCOCFW18	Port Orford cedar-incense cedar-white alder	CHLA-CADE27-ALRH2
CCOCFW19	Port Orford cedar-white fir/Sitka alder	CHLA-ABCO/ALVIS
CCOCFW20	Port Orford cedar-white fir/vine maple	CHLA-ABCO/ACCI
COCPW01	Port Orford Cedar-western white pine/western azalea-tanoak-Western Labrador tea	CHLA-PIM03/RHOC-LIDEE-LEGL
COCPW02	Port Orford Cedar-western white pine/Western Labrador tea/California pitcherplant (coastal)	CHLA-PIM03/LEGL/DACA5
CPJCC001	Jeffery pine-Port Orford cedar/huckleberry oak	PIJE-CHLA/QUVA
HT0CC011	tanoak-Port Orford cedar-California laurel/California huckleberry	LIDE3-CHLA-UMCA/VAOV2
HT0CC012	tanoak-Port Orford cedar/California huckleberry-western azalea	LIDE3-CHLA/VAOV2-RHOC
HT0CC013	tanoak-Port Orford cedar/California huckleberry	LIDE3-CHLA/VAOV2
HT0CC014	tanoak-Port Orford cedar/Cascade barberry/longtube twinflower	LIDE3-CHLA/MANE2/LIBOL2
HT0CC015	tanoak-Port Orford cedar-white alder (riparian)	LIDE3-CHLA-ALRH2
HT0CC016	tanoak-Port Orford cedar/vine maple	LIDE3-CHLA/ACCI
HT0CC017	tanoak-Port Orford cedar/red huckleberry	LIDE3-CHLA/VAPA
HT0CC018	tanoak-Port Orford cedar/salal	LIDE3-CHLA/GASH
HT0CC019	tanoak-Port Orford cedar-western hemlock/California huckleberry	LIDE3-CHLA-TSHE/VAOV2
HT0CC020	tanoak-Port Orford cedar-redwood/California huckleberry	LIDE3-CHLA-SESE3/VAOV2
HT0CC021	tanoak-Port Orford cedar/huckleberry oak	LIDE3-CHLA/QUVA
HT0CC022	tanoak-Port Orford cedar/Pacific rhododendron	LIDE3-CHLA/RHMA3
HT0CC023	tanoak-western red cedar/California huckleberry-salal	LIDE3-THPL/VAOV2-GASH

Reference Code 511

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SA000000	chamise	ADFA
SA0SB000	chamise/Eastern Mojave buckwheat-white sage	ADFA/ERFA2-SAAP2
SA0SBS00	chamise/black sage	ADFA/SAME3
SA0SCC00	chamise-desert ceanothus	ADFA-CEGRP
SA0SCH00	chamise-hoaryleaf ceanothus	ADFA-CECR
SA0SCT00	chamise-woollyleaf ceanothus-mission manzanita	ADFA-CETO-XYBI
SA0SCW00	chamise-buckbrush	ADFA-CECU

NRV_PV_COVER_TYPES (CONT.)**Reference Code 511 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SA0SMB00	chamise-bigberry manzanita	ADFA-ARGL4
SA0SME00	chamise-Eastwood's manzanita	ADFA-ARGL3
SB0SSW00	Eastern Mojave buckwheat-white sage	ERFA2-SAAP2
SBM00000	birchleaf mountain mahogany	CEMOG
SCH00000	hoaryleaf ceanothus	CECR
SCM00000	chaparral whitethorn	CELE2
SMB00000	bigberry manzanita	ARGL4
SME00000	Eastwood's manzanita	ARGL3
SOC00000	canyon live oak	QUCH2
SOI00000	interior live oak	QUWI2
SOISCL00	interior live oak-chaparral whitethorn	QUWI2-CELE2
SOISOC00	interior live oak-canyon live oak	QUWI2-QUCH2
SOISOS00	interior live oak-scrub oak	QUWI2-QUBE5
SOS00000	scrub oak	QUBE5
SOSSA000	scrub oak-chamise	QUBE5-ADFA
SOSSBM00	scrub oak-birchleaf mountain mahogany	QUBE5-CEMOG
SOSSCH00	scrub oak-hairy ceanothus-toyon	QUBE5-CEOL-HEAR5
SOSSCL00	scrub oak-chaparral whitethorn	QUBE5-CELE2
SR000000	redshank	ADSP
SR0SA000	redshank-chamise	ADSP-ADFA
SSC00000	coastal sagebrush	ARCA11
SSCSB000	coastal sagebrush-Eastern Mojave buckwheat	ARCA11-ERFA2
SSCSSB00	coastal sagebrush-black sage	ARCA11-SAME3

Reference Code 512

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CCOCC012	Port Orford cedar/Pacific rhododendron-salal	CHLA/RHMA3-GASH
CCOCC013	Port Orford cedar/western azalea	CHLA/RHOC
CCOCC014	Port Orford cedar-western white pine/huckleberry oak	CHLA-PIM03/QUVA
CCOCFW11	Port Orford cedar-white fir/huckleberry oak	CHLA-ABCO/QUVA
CCOCFW12	Port Orford cedar-white fir-western white pine/huckleberry oak	CHLA-ABCO-PIM03/QUVA
CCOCFW13	Port Orford cedar-white fir/western azalea	CHLA-ABCO/RHOC
CCOCFW17	Port Orford cedar-Douglas-fir/huckleberry oak	CHLA-PSME/QUVA
CCOCFW18	Port Orford cedar-incense cedar-white alder	CHLA-CADE27-ALRH2
CD0CCI11	Douglas-fir-incense cedar/California fescue	PSME-CADE27/FECA
CD0CPJ11	Douglas-fir-Jeffrey pine/California fescue	PSME-PIJE/FECA
CD0HBC11	Douglas-fir-California laurel/Pacific poison oak	PSME-UMCA/TODI
CD0HT012	Douglas-fir-tanoak/huckleberry oak-oceanspray	PSME-LIDE3/QUVA-HODI
CD0SOH11	Douglas-fir/huckleberry oak	PSME/QUVA
CD0SOH12	Douglas-fir/huckleberry oak-tanoak	PSME/QUVA/LIDEE
CD0SOH13	Douglas-fir/huckleberry oak-Pacific rhododendron	PSME/QUVA-RHMA3
CPJ00000	Jeffrey pine	PIJE
CPJCCI00	Jeffrey pine-incense cedar	PIJE-CADE27
CPJCCI11	Jeffrey pine-incense cedar-white fir/huckleberry oak	PIJE-CADE27-ABCO/QUVA

NRV_PV_COVER_TYPES (CONT.)**Reference Code 512 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPJCCI12	Jeffrey pine-incense cedar/huckleberry oak/common beargrass	PIJE-CADE27/QUVA/XETE
CPJCCI13	Jeffery pine-incense cedar/dwarf ceanothus	PIJE-CADE27/CEPU
CPJCCI14	Jeffery pine-incense cedar/buckbrush	PIJE-CADE27/CECU
CPJCD011	Jeffrey pine-Douglas-fir/huckleberry oak/California fescue	PIJE-PSME/QUVA/FECA
CPJCFW11	Jeffrey pine-white fir/iris	PIJE-ABCO/IRIS
CPJCFW12	Jeffrey pine-white fir/deer oak/common beargrass	PIJE-ABCO/QUSA2/XETE
CPJGFI00	Jeffrey pine/Idaho fescue	PIJE/FEID
CPJGFI11	Jeffrey pine/Idaho fescue	PIJE/FEID
CPJGFI12	Jeffrey pine/huckleberry oak-pinemat manzanita/Idaho fescue	PIJE/QUVA-ARNE/FEID
CPS00000	sugar pine	PILA
CPSCPL00	sugar pine-lodgepole pine	PILA-PICO
CPSCPL11	sugar pine-lodgepole pine/huckleberry oak-tanoak	PILA-PICO/QUVA-LIDEE
CPSCPL12	sugar pine-lodgepole pine/tanoak-Pacific rhododendron	PILA-PICO/LIDEE-RHMA3
CPSCPW00	sugar pine-western white pine	PILA-PIM03
CPSCPW11	sugar pine-western white pine/huckleberry oak-dwarf silktassel	PILA-PIM03/QUVA-GABU2
CPSHGC00	sugar pine-giant chinquapin	PILA-CHCHC4
CPW00000	western white pine	PIM03
CPWCD000	western white pine-Douglas-fir	PIM03-PSME
CPWCD011	sugar pine-giant chinquapin/huckleberry oak-deer oak	PILA-CHCHC4/QUVA-QUSA2
CPWCPL00	western white pine-lodgepole pine	PIM03-PICO
CPWCPL11	western white pine-lodgepole pine/tanoak-Pacific rhododendron	PIM03-PICO/LIDEE-RHMA3
CPWCPS00	western white pine-sugar pine	PIM03-PILA
CPWCPS11	western white pine-sugar pine/huckleberry oak-tanoak	PIM03-PILA/QUVA-LIDEE
FCPFCP11	California pitcherplant (bog)	DACA5
SCPSBS11	dwarf ceanothus/Idaho fescue (serpentine barrens)	CEPU/FEID

Reference Code 513

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CD000000	Douglas-fir	PSME
CD0CCI00	Douglas-fir-incense cedar	PSME-CADE27
CD0CCI11	Douglas-fir-incense cedar/California fescue	PSME-CADE27/FECA
CD0CPJ00	Douglas-fir-Jeffrey pine	PSME-PIJE
CD0CPJ11	Douglas-fir-Jeffrey pine/California fescue	PSME-PIJE/FECA
CD0HAR00	Douglas-fir-red alder	PSME-ALRU2
CD0HAR11	Douglas-fir-red alder/vine maple/Siberian springbeauty	PSME-ALRU2/ACCI/CLISIS
CD0HBC00	Douglas-fir-California laurel	PSME-UMCA

NRV_PV_COVER_TYPES (CONT.)

Reference Code 513 (cont.)

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CD0HBC11	Douglas-fir-California laurel/Pacific poison oak	PSME-UMCA/TODI
CD0HBC12	Douglas-fir-California laurel/oceanspray	PSME-UMCA/HODI
CD0HGC00	Douglas-fir-giant chinquapin	PSME-CHCHC4
CD0HGC11	Douglas-fir-giant chinquapin-tanoak	PSME-CHCHC4-LIDE3
CD0HGC12	Douglas-fir-giant chinquapin/common beargrass	PSME-CHCHC4/XETE
CD0HGC13	Douglas-fir-giant chinquapin/Pacific rhododendron-salal	PSME-CHCHC4/RHMA3-GASH
CD0HGC14	Douglas-fir-giant chinquapin/Pacific rhododendron-Cascade barberry	PSME-CHCHC4/RHMA3-MANE2
CD0HGC15	Douglas-fir-giant chinquapin/Pacific rhododendron-deer oak/common beargrass	PSME-CHCHC4/RHMA3-QUSA2/XETE
CD0HGC16	Douglas-fir-giant chinquapin-tanoak/Cascade barberry	PSME-CHCHC4-LIDE3/MANE2
CD0HGC17	Douglas-fir-giant chinquapin/Pacific rhododendron-deer oak-salal	PSME-CHCHC4/RHMA3-QUSA2-GASH
CD0HMA00	Douglas-fir-maple	PSME-ACER
CD0HMA11	Douglas-fir-bigleaf maple/western swordfern	PSME-ACMA3/POMU
CD0HMA12	Douglas-fir-bigleaf maple/Lewis' mock orange	PSME-ACMA3/PHLE4
CD0HMA13	Douglas-fir/vine maple-Cascade barberry	PSME/ACCI-MARE11
CD0HOB00	Douglas-fir-California black oak	PSME-QUKE
CD0HOB11	Douglas-fir-California black oak (metamorphic)	PSME-QUKE
CD0HOB12	Douglas-fir-California black oak (sandstone)	PSME-QUKE
CD0HOB13	Douglas-fir-California black oak-Oregon white oak/grass	PSME-QUKE-QUGA4/2GRAM
CD0HOL00	Douglas-fir-canyon live oak	PSME-QUCH2
CD0HOL11	Douglas-fir-canyon live oak (rockpile)	PSME-QUCH2
CD0HOL12	Douglas-fir-canyon live oak-Pacific madrone/Pacific poison oak	PSME-QUCH2-ARME/TODI
CD0HOL13	Douglas-fir-canyon live oak-tanoak	PSME-QUCH2-LIDE3
CD0HOO00	Douglas-fir-Oregon white oak	PSME-QUGA4
CD0HOO11	Douglas-fir-Oregon white oak/grass	PSME-QUGA4/2GRAM
CD0HOO12	Douglas-fir-Oregon white oak/oceanspray	PSME-QUGA4/HODI
CD0HT000	Douglas-fir-tanoak	PSME-LIDE3
CD0HT011	Douglas-fir-tanoak/common whippiea	PSME-LIDE3/WHMO
CD0HT012	Douglas-fir-tanoak/huckleberry oak-oceanspray	PSME-LIDE3/QUVA-HODI
CD0SM000	Douglas-fir/shrub (moist)	PSME/2SHRUB
CD0SM011	Douglas-fir/California hazelnut	PSME/COCOC
CD0SOH00	Douglas-fir/huckleberry oak	PSME/QUVA
CD0SOH11	Douglas-fir/huckleberry oak	PSME/QUVA
CD0SOH12	Douglas-fir/huckleberry oak-tanoak	PSME/QUVA/LIDEE
CD0SOH13	Douglas-fir/huckleberry oak-Pacific rhododendron	PSME/QUVA-RHMA3
HT000000	tanoak	LIDE3
HT0CCI00	tanoak-incense cedar	LIDE3/CADE27
HT0CCI11	tanoak-incense cedar/California fescue	LIDE3-CADE27/FECA
HT0CCO00	tanoak-Port Orford cedar	LIDE3-CHLA
HT0CCO11	tanoak-Port Orford cedar-California laurel/California huckleberry	LIDE3-CHLA-UMCA/VAOV2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 513 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
HT0CC012	tanoak-Port Orford cedar/California huckleberry-western azalea	LIDE3-CHLA/VAOV2-RHOC
HT0CC013	tanoak-Port Orford cedar/California huckleberry	LIDE3-CHLA/VAOV2
HT0CC014	tanoak-Port Orford cedar/Cascade barberry/longtube twinflower	LIDE3-CHLA/MANE2/LIBOL2
HT0CC015	tanoak-Port Orford cedar-red alder (riparian)	LIDE3-CHLA-ALRH2
HT0CC016	tanoak-Port Orford cedar/vine maple	LIDE3-CHLA/ACCI
HT0CC017	tanoak-Port Orford cedar/red huckleberry	LIDE3-CHLA/VAPA
HT0CC018	tanoak-Port Orford cedar/salal	LIDE3-CHLA/GASH
HT0CC019	tanoak-Port Orford cedar-western hemlock/California huckleberry	LIDE3-CHLA-TSHE/VAOV2
HT0HBC00	tanoak-California laurel	LIDE3-UMCA
HT0HBC11	tanoak-California laurel/Pacific poison oak	LIDE3-UMCA/TODI
HT0HBC12	tanoak-California laurel/California huckleberry	LIDE3-UMCA/VAOV2
HT0HGC00	tanoak-giant chinquapin	LIDE3-CHCHC4
HT0HGC11	tanoak-giant chinquapin/salal	LIDE3-CHCHC4/GASH
HT0HGC12	tanoak-giant chinquapin/salal-Pacific rhododendron	LIDE3-CHCHC4/GASH-RHMA3
HT0HGC13	tanoak-giant chinquapin/Pacific rhododendron/common beargrass	LIDE3-CHCHC4/RHMA3/XETE
HT0HGC14	tanoak-giant chinquapin/western brackenfern	LIDE3-CHCHC4/PTAQL
HT0HGC15	tanoak-giant chinquapin/Cascade barberry	LIDE3-CHCHC4/MANE2
HT0HGC16	tanoak-giant chinquapin/California huckleberry-salal	LIDE3-CHCHC47/VAOV2-GASH
HT0HM000	tanoak/maple	LIDE3/ACER
HT0HM011	tanoak-bigleaf maple/western swordfern	LIDE3-ACMA3/POMU
HT0HM012	tanoak/vine maple-salal	LIDE3/ACCI-GASH
HT0HM013	tanoak/vine maple	LIDE3/ACCI
HT0HOB00	tanoak-California black oak	LIDE3/QUKE
HT0HOB11	tanoak-California black oak	LIDE3/QUKE
HT0HOL00	tanoak-canyon live oak	LIDE3-QUCH2
HT0HOL11	tanoak-canyon live oak (rockpile)	LIDE3-QUCH2
HT0HOL12	tanoak-canyon live oak/California huckleberry	LIDE3-QUCH2/VAOV2
HT0HOL13	tanoak-canyon live oak/salal-Cascade barberry	LIDE3-QUCH2/GASH-MANE2
HT0HOL14	tanoak-canyon live oak-California black oak/Pacific poison oak	LIDE3-QUCH2-QUKE/TODI
HT0HOL15	tanoak-canyon live oak/Pacific poison oak	LIDE3-QUCH2/TODI
HT0HOL16	tanoak-canyon live oak/Cascade barberry	LIDE3-QUCH2/MANE2
HT0SD000	tanoak/shrub (dry)	LIDE3/2SHRUB
HT0SD011	tanoak/Pacific poison oak/pink honeysuckle	LIDE3/TODI/LOHIV
HT0SD012	tanoak/Cascade barberry	LIDE3/MANE2
HT0SEH00	tanoak/California huckleberry	LIDE3/VAOV2
HT0SEH11	tanoak/California huckleberry	LIDE3/VAOV2
HT0SEH12	tanoak/California huckleberry-salal	LIDE3/VAOV2-GASH
HT0SEH13	tanoak/California huckleberry-Pacific rhododendron	LIDE3/VAOV2-RHMA3
HT0SM000	tanoak/shrub (moist)	LIDE3/2SHRUB
HT0SM011	tanoak/California hazelnut	LIDE3/COCOC
HT0SOH00	tanoak/huckleberry oak	LIDE3/QUVA

NRV_PV_COVER_TYPES (CONT.)**Reference Code 513 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
HT0SOH11	tanoak/huckleberry oak-Pacific rhododendron	LIDE3/QUVA-RHMA3
HT0SSG00	tanoak/salal	LIDE3/GASH
HT0SSG11	tanoak/salal	LIDE3/GASH
HT0SSG12	tanoak/salal-Pacific rhododendron	LIDE3/GASH-RHMA3
HT0SSG13	tanoak/salal-Cascade barberry	LIDE3/GASH-MANE2

Reference Code 514

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CN00000	redwood	SESE3
CN00011	redwood (Gamboa-Sur)	SESE3
CNF0111	redwood/western brackenfern-giant chainfern (streamsides)	SESE3/PTAQ-WOFI
CNF0211	redwood/western swordfern-Pacific trillium (Gamboa-Sur)	SESE3/POMU-TROV2
CNF0311	redwood/California manroot-garden vetch (Gamboa-Sur)	SESE3/MAFA3-VISAN2
CNHB011	redwood-bigleaf maple/California polypody (Gamboa)	SESE3-ACMA3/POCA12
CNHT011	redwood-tanoak/roundfruit sedge-Douglas iris (Gamboa)	SESE3-LIDE3/CAGL7-IRDO

Reference Code 515

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
HOD00000	blue oak	QUDO
HODGA000	blue oak/annual grass	QUDO/2GRAM
HODGA011	blue oak/leporinum barley-Johnny-jump-up	QUDO/HOMUL-UIPE3
HODGA012	blue oak/Chilean bird's-foot trefoil-purple tussockgrass	QUDO/LOWR2-NAPU4
HODGA013	blue oak/warty spurge-goldback fern	QUDO/EUSP-PETR7
HODGA014	blue oak/phloxleaf bedstraw-scarlet lupine	QUDO/GAAN-LUCO
HODGA015	blue oak/musky stork's bill-leporinum barley	QUDO/ERM07-HOMUL
HODGA016	blue oak/San Bernardino larkspur-imbricate phacelia	QUDO/DEPA2-PHIM
HODGA017	blue oak/scarlet lupine-white sweet clover	QUDO/LUCO-MEAL12
HODGA018	blue oak/common fiddleneck-rusty popcornflower	QUDO/AMMEI2-PLNO
HODGA019	blue oak/longstem buckwheat/Chilean bird's-foot trefoil-dotseed plantain	QUDO/EREL6/LOWR2-PLER3
HODGA020	blue oak/spinster's blue eyed Mary-wireweed	QUDO/COSP-RILE2
HODGA021	blue oak/birchleaf mountain mahogany/hoary bowlesia-San Francisco woodland-star	QUDO/CEMOG/BOIN3-LIAF
HODGA022	blue oak/hillside gooseberry/ripgut brome	QUDO/RICA/BRDI3
HODHOI00	blue oak-interior live oak/grass	QUDO-QUWI2/2GRAM
HODHOI11	blue oak-interior live oak/mission woodland-star	QUDO-QUWI2/LICY3

NRV_PV_COVER_TYPES (CONT.)

Reference Code 602

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CJG1	western juniper/bluebunch wheatgrass	JUOC/PSSP6
CJG111	western juniper/Idaho fescue-bluebunch wheatgrass	JUOC/FEID-PSSPS
CJG112	western juniper/bluebunch wheatgrass-Sandberg bluegrass	JUOC/PSSP6-POSE
CJG2	western juniper/Idaho fescue	JUOC/FEID
CJS221	western juniper/big sagebrush/bluebunch wheatgrass	JUOC/ARTR2/PSSPS
CJS222	western juniper/big sagebrush/bluebunch wheatgrass-Douglas' dustymaiden	JUOC/ARTR2/PSSPS-CHDO
CJS223	western juniper/big sagebrush/bluebunch wheatgrass-woollypod milkvetch	JUOC/ARTR2/PSSPS-ASPUL2
CJS224	western juniper/big sagebrush/Idaho fescue	JUOC/ARTR2/FEID
CJS225	western juniper/big sagebrush/Idaho fescue-lupine	JUOC/ARTR2/FEID-LUPIN
CJS236	western juniper/big sagebrush-antelope bitterbrush	JUOC/ARTR2-PUTR2
CJS3	western juniper/antelope bitterbrush	JUOC/PUTR2

Reference Code 603

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDS151	Douglas-fir/oceanspray	PSME/HODI
CDS252	Douglas-fir/vine maple/salal	PSME/ACCI/GASH
CDS253	Douglas-fir/vine maple/Cascade barberry	PSME/ACCI/MANE2
CDS254	Douglas-fir/vine maple/common whipplea	PSME/ACCI/WHMO
CDS311	Douglas-fir-western hemlock/California hazelnut (steep, shallow soil)	PSME-TSHE/COCOC
CFC151	Pacific silver fir-mountain hemlock/common beargrass	ABAM-TSME/XETE
CFF152	Pacific silver fir/oneleaf foamflower	ABAM/TITRU
CFF251	noble fir/sweet after death	ABPR/ACTR
CFF252	Pacific silver fir/sweet after death	ABAM/ACTR
CFS251	Pacific silver fir/thinleaf huckleberry/common beargrass	ABAM/VAME/XETE
CFS253	Pacific silver fir/oval-leaf blueberry/bunchberry dogwood	ABAM/VAOV/COCA13
CFS654	Pacific silver fir/Pacific rhododendron-oval-leaf blueberry/bunchberry dogwood	ABAM/RHMA3-VAOV/COCA13
CHC551	western hemlock-Pacific silver fir/Pacific rhododendron-Cascade barberry	TSHE-ABAM/RHMA3-MANE2
CHC552	western hemlock-Pacific silver fir/Pacific rhododendron/twinflower	TSHE-ABAM/RHMA3/LIBO3
CHC553	western hemlock-Pacific silver fir/twinflower	TSHE-ABAM/LIBO3
CHF122	western hemlock/western swordfern	TSHE/POMU
CHF124	western hemlock/western swordfern-redwood-sorrel	TSHE/POMU-OXOR
CHH351	western hemlock/giant chinquapin	TSHE/CHCHC4

NRV_PV_COVER_TYPES (CONT.)**Reference Code 603 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHS222	western hemlock/vine maple/western swordfern	TSHE/ACCI/POMU
CHS321	western hemlock/Pacific rhododendron-Cascade barberry	TSHE/RHMA3-MANE2
CHS322	western hemlock/Pacific rhododendron-salal	TSHE/RHMA3-GASH
CMC151	Alaska cedar/devilsclub	CHNO/OPHO

Reference Code 604

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAG111	subalpine fir-whitebark pine/Geyer's sedge	ABLA-PIAL/CAGE2
CDG111	Ponderosa pine-Douglas-fir/Geyer's sedge (Blue Mtns)	PIPO-PSME/CAGE2
CDS611	Ponderosa pine-Douglas-fir/common snowberry-oceanspray	PIPO-PSME/SYAL-HODI
CDS711	Douglas-fir/mallow ninebark (Blue Mtns)	PSME/PHMA5
CES311	subalpine fir/thinleaf huckleberry (Blue mountains)	ABLA/VAME
CES411	subalpine fir/grouse whortleberry (Blue Mountains)	ABLA/VASC
CJG111	western juniper/Idaho fescue-bluebunch wheatgrass	JUOC/FEID-PSSPS
CJS111	western juniper/little sagebrush/bluebunch wheatgrass-Idaho fescue	JUOC/ARAR8/PSSP6-FEID
CJS211	western juniper/big sagebrush/bluebunch wheatgrass-Idaho fescue	JUOC/ARTR2/PSSP6-FEID
CJS811	western juniper/scabland sagebrush (scabland)	JUOC/ARRI2
CLG211	lodgepole pine/pinegrass-grouse whortleberry	PICO/CARU-VASC
CLS411	lodgepole pine/grouse whortleberry (Blue Mountains)	PICO/VASC
CLS511	lodgepole pine/thinleaf huckleberry (Blue Mountains)	PICO/VAME
CPG111	ponderosa pine/bluebunch wheatgrass (Blue Mountains)	PIPO/PSSPS
CPG112	ponderosa pine/Idaho fescue (Blue Mountains)	PIPO/FEID
CPM111	ponderosa pine/blue wildrye	PIPO/ELGL
CPS221	ponderosa pine/antelope bitterbrush/Ross' sedge	PIPO/PUTR2/CAR05
CWF311	grand fir/twinflower-forb	ABGR/LIBO3-2FORB
CWG111	Douglas-fir/pinegrass (residual soil)	PSME-ABIES/CARU
CWG112	Douglas-fir/pinegrass (ash soil)	PSME-ABIES/CARU
CWS211	grand fir/thinleaf huckleberry	ABGR/VAME
CWS811	grand fir/grouse whortleberry	ABGR/VASC
FS5911	poke knotweed	POPH
GB4911	bluebunch wheatgrass-Sandberg bluegrass-onespike danthonia (shallow soil,scabland)	PSSPS-POSE-DAUN
GB4912	bluebunch wheatgrass-Idaho fescue (deep soil, gentle slopes)	PSSPS-FEID
GB4913	bluebunch wheatgrass-Sandberg bluegrass (shallow soil, steep slopes)	PSSPS-POSE
GB4914	bluebunch wheatgrass-Idaho fescue (deep soil, steep slopes)	PSSPS-FEID

NRV_PV_COVER_TYPES (CONT.)**Reference Code 604 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
GB9111	Sandberg bluegrass-onespike danthonia	POSE-DAUN
GBB911	biscuit-scabland complex	
GS1211	Idaho fescue (subalpine)	FEID
GS3911	Geyer's sedge (subalpine)	CAGE2
HQM1	quaking aspen/grass (meadow, wetland)	POTR5/2GRAM
MD	meadow, dry (water table available part of the growing season)	
MM	meadow, moist (water table available all growing season)	
MW	meadow, wet (surface moist or wet all growing season)	
SD1911	little sagebrush/Idaho fescue-bluebunch wheatgrass	ARAR8/FEID-PSSPS
SD2911	mountain big sagebrush/Idaho fescue-bluebunch wheatgrass	ARTRV/FEID-PSSPS
SD39	antelope bitterbrush-bluebunch wheatgrass-Idaho fescue	PUTR2-PSSPS-FEID
SD49	curl-leaf mountain mahogany	CELE3
SD9111	scabland sagebrush/Sandberg bluegrass (scabland)	ARRI2/POSE
SDB9	biscuit-scabland (complex)	
SM19	mallow ninebark	PHMA5
SM29	thinleaf alder (snowslide)	ALINT
SM31	common snowberry (shrubland)	SYAL
SS4911	mountain big sagebrush/Geyer's sedge	ARTRV/CAGE2

Reference Code 605

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CJS112	western juniper/little sagebrush/Idaho fescue	JUOC/ARAR8/FEID
CLC111	lodgepole pine-whitebark pine/mountain blue penstemon	PICO-PIAL/PELA7
CLC112	lodgepole pine-whitebark pine/King's sandwort	PICO-PIAL/ARKI
CLG315	lodgepole pine/Virginia strawberry-Idaho fescue	PICO/FRVIP2-FEID
CLG415	lodgepole pine/squirreltail-long-stolon sedge	PICO/ELELE-CAIN9
CLH111	lodgepole pine-quaking aspen/Virginia strawberry	PICO-POTR5/FRVIP2
CPC211	ponderosa pine-western juniper/curl-leaf mountain mahogany-antelope bitterbrush-basin big sagebrush/Idaho fescue	PIPO-JUOC/CELE3-PUTR2-ARTRT/FEID
CPF111	ponderosa pine/woolly mule-ears	PIPO/WYMO
CPH311	ponderosa pine-quaking aspen/Wheeler bluegrass	PIPO-POTR5/PONE2
CPS121	ponderosa pine/mountain big sagebrush/Wheeler bluegrass	PIPO/ARTRV/PONE2
CPS211	ponderosa pine/antelope bitterbrush/Idaho fescue (pumice)	PIPO/PUTR2/FEID
CPS217	ponderosa pine/antelope bitterbrush-greenleaf manzanita/Idaho fescue (pumice)	PIPO/PUTR2-ARPA6/FEID

NRV_PV_COVER_TYPES (CONT.)**Reference Code 605 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CWC111	white fir-ponderosa pine-incense cedar/Saskatoon serviceberry	ABCO-PIPO-CADE27/AMAL2
CWC311	white fir-lodgepole pine/long-stolon sedge-western needlegrass	ABCO-PICO/CAIN9-ACOCO
CWC411	white fir-ponderosa pine-sugar pine/sticky currant	ABCO-PIPO-PILA/RIVI3
CWC412	white fir-ponderosa pine-sugar pine/greenleaf manzanita	ABCO-PIPO-PILA/ARPA6
CWH211	white fir-ponderosa pine-quaking aspen/long-stolon sedge	ABCO-PIPO-POTR5/CAIN9
CWS117	white fir-ponderosa pine/greenleaf manzanita-hollyleaved barberry	ABCO-PIPO/ARPA6-MAAQ2
CWS313	white fir-ponderosa pine/common snowberry/tuber starwort	ABCO-PIPO/SYAL/PSJA2
MD3111	Kentucky bluegrass (dry meadow)	POPR
MM1911	tufted hairgrass-Nebraska sedge (moist meadow)	DECA18-CANE2
MW1911	Nebraska sedge-Baltic rush (wet meadow)	CANE2-JUBA
SD1913	little sagebrush/Idaho fescue-squirreltail	ARAR8/FEID-ELELE
SD2912	basin big sagebrush/bluebunch wheatgrass	ARTRT/PSSPS
SD9211	little sagebrush-narrowleaf mock goldenweed/Sandberg bluegrass	ARAR8-STST5/POSE
SD9212	little sagebrush/Sandberg bluegrass-onespike danthonia	ARAR8/POSE-DAUN
SS4921	little sagebrush/red fescue (alpine)	ARAR8/FERU2

Reference Code 606

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CLF111	lodgepole pine/forb	PICO/2FORB
CLS413	lodgepole pine/grouse whortleberry/forb	PICO/VASC/2FORB
CLS414	lodgepole pine/grouse whortleberry/long-stolon sedge	PICO/VASC/CAIN9
CMS111	mountain hemlock/grouse whortleberry	TSME/VASC
CPS111	ponderosa pine/antelope bitterbrush-big sagebrush/Idaho fescue	PIPO/PUTR2-ARTR2/FEID
CPS211	ponderosa pine/antelope bitterbrush/Idaho fescue	PIPO/PUTR2/FEID
CPS212	ponderosa pine/antelope bitterbrush/western needlegrass	PIPO/PUTR2/ACOCO
CRG111	Shasta red fir/long-stolon sedge	ABSH/CAIN9
CRS112	Shasta red fir-mountain hemlock/pinemat manzanita/long-stolon sedge	ABSH-TSME/ARNE/CAIN9
CRS311	Shasta red fir/giant chinquapin/pipsissewa-long-stolon sedge	ABSH/CHCHC4/CHUM-CAIN9
CWC215	white fir-Douglas-fir/snowbush ceanothus/kinnikinnick	ABCO-PSME/CEVE/ARUV
CWH112	white fir/giant chinquapin-Oregon boxleaf/pipsissewa	ABCO/CHCHC4-PAMY/CHUM
CWM111	white fir/thinleaf alder (meadow)	ABCO/ALINT

NRV_PV_COVER_TYPES (CONT.)**Reference Code 606 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CWS116	white fir/snowbrush ceanothus-squawcarpet/Virginia strawberry	ABCO/CEVE-CEPR/FRVI
CWS312	white fir/common snowberry/Virginia strawberry	ABCO/SYAL/FRVI
SD1913	little sagebrush/Idaho fescue-squirreltail	ARAR8/FEID-ELELE

Reference Code 607

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFC251	Pacific silver fir-western hemlock/Pacific rhododendron-salal	ABAM-TSHE/RHMA3-GASH
CFF152	Pacific silver fir/oneleaf foamflower	ABAM/TITRU
CFF153	Pacific silver fir/redwood-sorrel	ABAM/OXOR
CFS151	Pacific silver fir/Cascade barberry	ABAM/MANE2
CFS251	Pacific silver fir/thinleaf huckleberry/common beargrass	ABAM/VAME/XETE
CFS253	Pacific silver fir/oval-leaf blueberry/bunchberry dogwood	ABAM/VAOV/COCA13
CFS254	Pacific silver fir/rusty menziesia	ABAM/MEFE
CFS255	Pacific silver fir/oval-leaf blueberry-salal	ABAM/VAOV-GASH
CFS256	Pacific silver fir/thinleaf huckleberry/bride's bonnet	ABAM/VAME/CLUN2
CFS351	Pacific silver fir/devilsclub	ABAM/OPHO
CFS551	Pacific silver fir/Cascade azalea/common beargrass	ABAM/RHAL2/XETE
CFS552	Pacific silver fir/Cascade azalea/bride's bonnet	ABAM/RHAL2/CLUN2
CFS651	Pacific silver fir/vine maple/oneleaf foamflower	ABAM/ACCI/TITRU
CFS652	Pacific silver fir/Pacific rhododendron-Cascade barberry	ABAM/RHMA3-MANE2
CFS653	Pacific silver fir/Pacific rhododendron/common beargrass	ABAM/RHMA3/XETE
CFS654	Pacific silver fir/Pacific rhododendron-oval-leaf blueberry/bunchberry dogwood	ABAM/RHMA3-VAOV/COCA13
CMS114	mountain hemlock/grouse whortleberry	TSME/VASC
CMS216	mountain hemlock/thinleaf huckleberry/common beargrass	TSME/VAME/XETE

Reference Code 608

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFF152	Pacific silver fir/oneleaf foamflower	ABAM/TITRU
CFF253	Pacific silver fir/sweet after death-bride's bonnet	ABAM/ACTR-CLUN2
CFS151	Pacific silver fir/Cascade barberry	ABAM/MANE2
CFS152	Pacific silver fir/salal (Gifford Pinchot)	ABAM/GASH
CFS251	Pacific silver fir/thinleaf huckleberry/common beargrass	ABAM/VAME/XETE
CFS254	Pacific silver fir/rusty menziesia	ABAM/MEFE
CFS255	Pacific silver fir/oval-leaf blueberry-salal	ABAM/VAOV-GASH

NRV_PV_COVER_TYPES (CONT.)**Reference Code 608 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFS256	Pacific silver fir/thinleaf huckleberry/bride's bonnet	ABAM/VAME/CLUN2
CFS257	Pacific silver fir/oval-leaf blueberry	ABAM/VAOV
CFS351	Pacific silver fir/devilsclub	ABAM/OPHO
CFS550	Pacific silver fir/Cascade azalea (Gifford Pinchot)	ABAM/RHAL2
CMS210	mountain hemlock/thinleaf huckleberry (Gifford Pinchot)	TSME/VAME
CMS221	mountain hemlock/rusty menziesia	TSME/MEFE
CMS223	mountain hemlock/Cascade azalea	TSME/RHAL2

Reference Code 609

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAC1	subalpine larch	LALY
CAG112	whitebark pine/pinegrass	PIAL/CARU
CDG123	Douglas-fir/kinnikinnick (Okanogan)	PSME/ARUV
CDG131	Douglas-fir/pinegrass (Okanogan and Colville)	PSME/CARU
CDG311	ponderosa pine-Douglas-fir/bluebunch wheatgrass	PIPO-PSME/PSSPS
CDS411	Douglas-fir/Oregon boxleaf (Okanogan)	PSME/PAMY
CDS631	Douglas-fir/kinnikinnick-antelope bitterbrush	PSME/ARUV-PUTR2
CDS632	Douglas-fir/mountain snowberry (Okanogan and Colville)	PSME/SYOR2
CDS633	Douglas-fir/common snowberry	PSME/SYAL
CDS715	Douglas-fir/mallow ninebark (Okanogan and Colville)	PSME/PHMA5
CDS811	Douglas-fir/blueberry	PSME/VACCI
CEF211	subalpine fir/longtube twinflower (Okanogan and Colville)	ABLA/LIBOL2
CEG311	subalpine fir/pinegrass (Okanogan and Colville)	ABLA/CARU
CEM211	Engelmann spruce/field horsetail	PIEN/EQAR
CES111	subalpine fir/Oregon boxleaf (Okanogan)	ABLA/PAMY
CES211	subalpine fir/Cascade azalea	ABLA/RHAL2
CES312	subalpine fir/blueberry	ABLA/VACCI
CES412	subalpine fir/grouse whortleberry (Okanogan and Colville)	ABLA/VASC
CES413	subalpine fir/grouse whortleberry/pinegrass (Okanogan)	ABLA/VASC/CARU
CES611	subalpine fir/pink mountainheath	ABLA/PHEM
CFS258	Pacific silver fir/oval-leaf blueberry	ABAM/VAOV
CFS553	Pacific silver fir/Cascade azalea (Okanogan)	ABAM/RHAL2
HQG111	quaking aspen/pinegrass	POTR5/CARU
HQS211	quaking aspen/common snowberry	POTR5/SYAL

NRV_PV_COVER_TYPES (CONT.)

Reference Code 610

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CJS212	western juniper/basin big sagebrush/Idaho fescue-bluebunch wheatgrass (N slope)	JUOC/ARTRT/FEID-PSSPS
CJS213	western juniper/basin big sagebrush/bluebunch wheatgrass-Sandberg bluegrass (S slope)	JUOC/ARTRT/PSSPS-POSE
CJS226	western juniper/basin big sagebrush/bluebunch wheatgrass-Idaho fescue (flat)	JUOC/ARTRT/PSSPS-FEID
CJS231	western juniper/basin big sagebrush-rockspirea/bluebunch wheatgrass-arrowleaf balsamroot (steep canyon)	JUOC/ARTRT-HODU/PSSPS-BASA3
CJS232	western juniper/basin big sagebrush-yellow rabbitbrush/Idaho fescue-arrowleaf balsamroot (steep N canyon)	JUOC/ARTRT-CHVI8/FEID-BASA3
CJS291	western juniper/rubber rabbitbrush-basin big sagebrush/crested wheatgrass	JUOC/ERNAN5-ARTRT/AGCR
CJS292	western juniper/rubber rabbitbrush-basin big sagebrush/beardless wheatgrass	JUOC/ERNAN5-ARTRT/PSSPI
CJSB11	western juniper/basin big sagebrush/bluebunch wheatgrass-Idaho fescue (mound)	JUOC/ARTRT/PSSPS-FEID
CPS211	ponderosa pine/antelope bitterbrush/Idaho fescue (pumice)	PIPO/PUTR2/FEID
SD9131	scabland sagebrush/Sandberg bluegrass-bigseed biscuitroot (scabland)	ARRI2/POSE-LOMA3

Reference Code 611

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDS612	mixed conifer/common snowberry/twinflower (flatlands)	2TE/SYAL/LIBO3
CDS613	mixed conifer/common snowberry/forb	2TE/SYAL/2FORB
CDS614	mixed conifer/common snowberry/pinegrass	2TE/SYAL/CARU
CJS311	western juniper/antelope bitterbrush/bluebunch wheatgrass-Idaho fescue	JUOC/PUTR2/PSSPS-FEID
CLG311	lodgepole pine/western needlegrass (basins, pumice)	PICO/ACOCO
CLG313	lodgepole pine/western needlegrass-tailcup lupine-Nuttall's linanthus	PICO/ACOCO-LUCA-LINU3
CLG314	lodgepole pine/western needlegrass-tailcup lupine (pumice)	PICO/ACOCO-LUCA
CLG411	lodgepole pine/long-stolon sedge-tailcup lupine (pumice)	PICO/CAIN9-LUCA
CLG412	lodgepole pine/long-stolon sedge-tailcup lupine-beardtongue	PICO/CAIN9-LUCA-PENST
CLG413	lodgepole pine/long-stolon sedge-western needlegrass (basins, pumice)	PICO/CAIN9-ACOCO
CLM111	lodgepole pine/Nebraska sedge-blue wildrye (wetland)	PICO/CANE2-ELGL
CLM211	lodgepole pine/kinnikinnick (pumice)	PICO/ARUV

NRV_PV_COVER_TYPES (CONT.)**Reference Code 611 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CLM311	lodgepole pine/bog blueberry-forb (pumice)	PICO/VAUL-2FORB
CLM411	lodgepole pine/common beargrass (pumice)	PICO/XETE
CLS111	lodgepole pine/big sagebrush/Idaho fescue (pumice)	PICO/ARTR2/FEID
CLS112	lodgepole pine/big sagebrush (rhyolite, pumice)	PICO/ARTR2
CLS211	lodgepole pine/antelope bitterbrush/western needlegrass (pumice)	PICO/PUTR2/ACOCO
CLS212	lodgepole pine/antelope bitterbrush/long-stolon sedge (pumice)	PICO/PUTR2/CAIN9
CLS213	lodgepole pine/antelope bitterbrush/forb (pumice)	PICO/PUTR2/2FORB
CLS214	lodgepole pine/antelope bitterbrush/Idaho fescue (pumice)	PICO/PUTR2/FEID
CLS215	lodgepole pine/wax currant-antelope bitterbrush/western needlegrass (pumice)	PICO/RICE-PUTR2/ACOCO
CLS216	lodgepole pine/antelope bitterbrush (rhyolite)	PICO/PUTR2
CLS311	lodgepole pine/pinemat manzanita	PICO/ARNE
CLS412	lodgepole pine/grouse whortleberry (pumice)	PICO/VASC
CLS911	lodgepole pine/snowbrush ceanothus-greenleaf manzanita (pumice)	PICO/CEVE-ARPA6
CMS111	mountain hemlock/grouse whortleberry	TSME/VASC
CPF111	ponderosa pine/woolly mule-ears	PIPO/WYMO
CPG212	ponderosa pine/long-stolon sedge-Idaho fescue-Nevada pea	PIPO/CAIN9-FEID-LALA3
CPS111	ponderosa pine/antelope bitterbrush-big sagebrush/Idaho fescue	PIPO/PUTR2-ARTR2/FEID
CPS112	ponderosa pine/antelope bitterbrush-big sagebrush/squirreltail (rhyolite)	PIPO/PUTR2-ARTR2/ELELE
CPS211	ponderosa pine/antelope bitterbrush/Idaho fescue (pumice)	PIPO/PUTR2/FEID
CPS212	ponderosa pine/antelope bitterbrush/western needlegrass (pumice)	PIPO/PUTR2/ACOCO
CPS213	ponderosa pine/antelope bitterbrush-greenleaf manzanita/western needlegrass (pumice)	PIPO/PUTR2-ARPA6/ACOCO
CPS214	ponderosa pine/antelope bitterbrush-greenleaf manzanita/long-stolon sedge (pumice)	PIPO/PUTR2-ARPA6/CAIN9
CPS215	ponderosa pine/antelope bitterbrush/long-stolon sedge (pumice)	PIPO/PUTR2/CAIN9
CPS216	ponderosa pine/antelope bitterbrush/Idaho fescue-bluebunch wheatgrass (pumice)	PIPO/PUTR2/FEID-PSSPS
CPS217	ponderosa pine/antelope bitterbrush-greenleaf manzanita/Idaho fescue (pumice)	PIPO/PUTR2-ARPA6/FEID
CPS218	ponderosa pine/antelope bitterbrush/squirreltail (rhyolite)	PIPO/PUTR2/ELELE
CPS311	ponderosa pine/antelope bitterbrush-snowbrush ceanothus/western needlegrass	PIPO/PUTR2-CEVE/ACOCO
CPS312	ponderosa pine/antelope bitterbrush-snowbrush ceanothus/long-stolon sedge	PIPO/PUTR2-CEVE/CAIN9

NRV_PV_COVER_TYPES (CONT.)**Reference Code 611 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPS314	ponderosa pine/antelope bitterbrush-snowbrush ceanothus/Idaho fescue	PIPO/PUTR2-CEVE/FEID
CRS111	mixed conifer/pinemat manzanita	2TE/ARNE
CWC211	mixed conifer/snowbrush ceanothus-giant chinquapin/western brackenfern	2TE/CEVE-CHCHC4/PTAQ
CWC212	mixed conifer/snowbrush ceanothus-giant chinquapin/pinegrass	2TE/CEVE-CHCHC4/CARU
CWC213	mixed conifer/snowbrush ceanothus/long-stolon sedge-hairy brackenfern	2TE/CEVE/CAIN9-PTAQ2
CWH111	mixed conifer/snowbrush ceanothus-giant chinquapin	2TE/CEVE-CHCHC4
CWS112	mixed conifer/snowbrush ceanothus-greenleaf manzanita (pumice)	2TE/CEVE-ARPA6
CWS113	mixed conifer/snowbrush ceanothus-greenleaf manzanita/long-stolon sedge-glaucus beardtongue	2TE/CEVE-ARPA6/CAIN9-PEEU
CWS114	mixed conifer/snowbrush ceanothus (pumice)	2TE/CEVE
CWS115	mixed conifer/snowbrush ceanothus/long-stolon sedge	2TE/CEVE/CAIN9
CWS911	Engelmann spruce (bottomlands)	PIEN
GB99	Sandberg bluegrass-onespike danthonia (scabland)	POSE-DAUN
MD1911	meadow, dry	
MM19	meadow, moist (tufted hairgrass)	DECA18
MM90	meadow, moist (bluegrass)	POA
MW	meadow, wet (surface moist or wet all growing season)	
SD1912	little sagebrush/Idaho fescue	ARAR8/FEID
SD2912	basin big sagebrush/bluebunch wheatgrass	ARTRT/PSSPS
SD2913	big sagebrush-antelope bitterbrush/Idaho fescue- bluebunch wheatgrass	ARTR2-PUTR2/FEID-PSSPS
SD2914	big sagebrush/western needlegrass (rhyolite pumice)	ARTR2/ACOCO
SD3311	antelope bitterbrush/western needlegrass-long-stolon sedge	PUTR2/ACOCO-CAIN9
SD9323	sulphur-flower buckwheat/stipa (flats, rhyolite pumice)	ERUM/STIPA

Reference Code 612

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHF121	western hemlock/redwood-sorrel (coastal)	TSHE/OXOR
CHF122	western hemlock/western swordfern (coastal)	TSHE/POMU
CHS121	western hemlock/Cascade barberry (coastal)	TSHE/MANE2
CHS122	western hemlock/Cascade barberry-salal (coastal)	TSHE/MANE2-GASH
CHS123	western hemlock/salal (coastal)	TSHE/GASH
CHS221	western hemlock/vine maple-salal (coastal)	TSHE/ACCI-GASH
CHS222	western hemlock/vine maple/western swordfern (coast)	TSHE/ACCI/POMU
CHS321	western hemlock/Pacific rhododendron-Cascade barberry (coast)	TSHE/RHMA3-MANE2
CHS322	western hemlock/Pacific rhododendron-salal (coast)	TSHE/RHMA3-GASH

NRV_PV_COVER_TYPES (CONT.)**Reference Code 612 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHS323	western hemlock/Pacific rhododendron/western swordfern (coast)	TSHE/RHMA3/POMU
CHS324	western hemlock/Pacific rhododendron-California huckleberry (coast)	TSHE/RHMA3-VAOV2
CHS421	western hemlock/salmonberry (coastal)	TSHE/RUSP
CHS422	western hemlock/salmonberry-vine maple (coast)	TSHE/RUSP-ACCI
CHS423	western hemlock/salmonberry-salal (coastal)	TSHE/RUSP-GASH
CHS521	western hemlock/devilsclub (coastal)	TSHE/OPHO
CHS610	western hemlock/California huckleberry (coastal)	TSHE/VAOV2
CSF121	Sitka spruce/western swordfern	PISI/POMU
CSF321	Sitka spruce/redwood-sorrel	PISI/OXOR
CSS221	Sitka spruce/rusty menziesia-red huckleberry	PISI/MEFE-VAPA
CSS321	Sitka spruce/salal	PISI/GASH
CSS521	Sitka spruce/salmonberry	PISI/RUSP
CSS522	Sitka spruce/salmonberry-salal	PISI/RUSP-GASH
CSS621	Sitka spruce/devilsclub	PISI/OPHO

Reference Code 613

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHC212	western hemlock-Douglas-fir/oceanspray	TSHE-PSME/HODI
CHC213	western hemlock-Douglas-fir-Pacific madrone	TSHE-PSME-ARME
CHF124	western hemlock/western swordfern-redwood-sorrel	TSHE/POMU-OXOR
CHF125	western hemlock/western swordfern	TSHE/POMU
CHF221	western hemlock/sweet after death	TSHE/ACTR
CHF222	western hemlock/threeleaf foamflower	TSHE/TITR
CHF421	western hemlock/common ladyfern	TSHE/ATFI
CHM121	western hemlock/American skunkcabbage	TSHE/LYAM3
CHS125	western hemlock/Cascade barberry	TSHE/MANE2
CHS126	western hemlock/Cascade barberry/western swordfern	TSHE/MANE2/POMU
CHS127	western hemlock/Cascade barberry-salal	TSHE/MANE2-GASH
CHS128	western hemlock/salal	TSHE/GASH
CHS224	western hemlock/Pacific dogwood/sweet after death	TSHE/CONU4/ACTR
CHS524	western hemlock/devilsclub/western swordfern	TSHE/OPHO/POMU
CHS613	western hemlock/oval-leaf blueberry/redwood-sorrel	TSHE/VAOV/OXOR
CHS614	western hemlock/oval-leaf blueberry-salal	TSHE/VAOV-GASH
CHS615	western hemlock/oval-leaf blueberry/bunchberry dogwood	TSHE/VAOV/COCA13

Reference Code 614

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHC212	western hemlock-Douglas-fir/oceanspray	TSHE-PSME/HODI
CHF123	western hemlock/western swordfern	TSHE/POMU

NRV_PV_COVER_TYPES (CONT.)**Reference Code 614 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHF124	western hemlock/western swordfern-redwood-sorrel	TSHE/POMU-OXOR
CHF221	western hemlock/sweet after death	TSHE/ACTR
CHM121	western hemlock/American skunkcabbage	TSHE/LYAM3
CHS124	western hemlock/Cascade barberry-salal	TSHE/MANE2-GASH
CHS125	western hemlock/Cascade barberry	TSHE/MANE2
CHS126	western hemlock/Cascade barberry/western swordfern	TSHE/MANE2/POMU
CHS223	western hemlock/vine maple/sweet after death	TSHE/ACCI/ACTR
CHS325	western hemlock/Pacific rhododendron/common beargrass	TSHE/RHMA3/XETE
CHS326	western hemlock/Pacific rhododendron-oval-leaf blueberry/bunchberry dogwood	TSHE/RHMA3-VAOV/COCA13
CHS327	western hemlock/Pacific rhododendron-salal	TSHE/RHMA3-GASH
CHS328	western hemlock/Pacific rhododendron-Cascade barberry	TSHE/RHMA3-MANE2
CHS522	western hemlock/devilsclub/redwood-sorrel	TSHE/OPHO/OXOR
CHS523	western hemlock/devilsclub/starry false lily of the vally	TSHE/OPHO/MAST4
CHS611	western hemlock/oval-leaf blueberry-devilsclub	TSHE/VAOV-OPHO
CHS612	western hemlock/thinleaf huckleberry/common beargrass	TSHE/VAME/XETE
CHS613	western hemlock/oval-leaf blueberry/redwood-sorrel	TSHE/VAOV/OXOR
CHS614	western hemlock/oval-leaf blueberry-salal	TSHE/VAOV-GASH
CHS615	western hemlock/oval-leaf blueberry/bunchberry dogwood	TSHE/VAOV/COCA13

Reference Code 615

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDG121	Douglas-fir/pinegrass	PSME/CARU
CDS622	Douglas-fir/common snowberry	PSME/SYAL
CDS623	Douglas-fir/mountain snowberry	PSME/SYOR2
CDS634	Douglas-fir/white spirea	PSME/SPBE2
CDS711	Douglas-fir/mallow ninebark	PSME/PHMA5
CDS722	Douglas-fir/Rocky Mountain maple-mallow ninebark	PSME/ACGL-PHMA5
CDS812	Douglas-fir/thinleaf huckleberry	PSME/VAME
CEF221	subalpine fir/twinflower	ABLA/LIBO3
CEF311	subalpine fir/claspleaf twistedstalk	ABLA/STAM2
CEF411	subalpine fir/Jacob's-ladder	ABLA/POPU3
CEG312	subalpine fir/pinegrass	ABLA/CARU
CES131	subalpine fir/bride's bonnet	ABLA/CLUN2
CES221	subalpine fir/rusty menziesia	ABLA/MEFE
CES315	subalpine fir/thinleaf huckleberry	ABLA/VAME
CES415	subalpine fir/grouse whortleberry/Jacob's-ladder	ABLA/VASC/POPU3
CJG111	western juniper/Idaho fescue-bluebunch wheatgrass	JUOC/FEID-PSSPS

NRV_PV_COVER_TYPES (CONT.)**Reference Code 615 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CLF211	lodgepole pine/twinflower	PICO/LIBO3
CLS415	lodgepole pine/grouse whortleberry/Jacob's ladder	PICO/VASC/POPU3
CLS515	lodgepole pine/thinleaf huckleberry	PICO/VAME
CMS131	mountain hemlock/grouse whortleberry	TSME/VASC
CMS231	mountain hemlock/thinleaf huckleberry	TSME/VAME
CPG131	ponderosa pine/Idaho fescue	PIPO/FEID
CPG132	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
CPS231	ponderosa pine/antelope bitterbrush/bluebunch wheatgrass	PIPO/PUTR2/PSSPS
CPS522	ponderosa pine/common snowberry	PIPO/SYAL
CPS523	ponderosa pine/white spirea	PIPO/SPBE2
CWF311	grand fir/twinflower	ABGR/LIBO3
CWF421	grand fir/bride's bonnet	ABGR/CLUN2
CWF422	grand fir/Pacific yew/bride's bonnet	ABGR/TABR2/CLUN2
CWF511	grand fir/Idaho goldthread	ABGR/COOC
CWG112	grand fir/pinegrass	ABGR/CARU
CWS211	grand fir/thinleaf huckleberry	ABGR/VAME
CWS321	grand fir/white spirea	ABGR/SPBE2
CWS412	grand fir/Rocky Mountain maple-mallow ninebark	ABGR/ACGL-PHMA5
CWS912	grand fir/Rocky Mountain maple	ABGR/ACGL
FM9111	Douglas' buckwheat/Sandberg bluegrass	ERDO/POSE
FM9112	Blue Mountain buckwheat/Sandberg bluegrass	ERST4/POSE
FM9113	sulphur-flower buckwheat	ERUME
FW	meadow, ridgetops	
FW3911	Cusick's camas	CACU2
FX4111	Wallowa lewisia	LECOW
GB1211	sand dropseed (river terrace)	SPCR
GB1911	bluebunch wheatgrass-sand dropseed-Fendler threeawn	PSSPS-SPCR-ARPUL
GB4111	bluebunch wheatgrass-parsnipflower buckwheat	PSSPS-ERHE2
GB4112	bluebunch wheatgrass-Sandberg bluegrass-narrowleaf skullcap	PSSPS-POSE-SCAN3
GB4113	bluebunch wheatgrass-Sandberg bluegrass (basalt)	PSSPS-POSE
GB4114	bluebunch wheatgrass-Sandberg bluegrass-Cusick's milkvetch	PSSPS-POSE-ASCU5
GB4115	bluebunch wheatgrass-Sandberg bluegrass-shaggy fleabane	PSSPS-POSE-ERPU2
GB4116	bluebunch wheatgrass-Sandberg bluegrass (granite)	PSSPS-POSE
GB4117	bluebunch wheatgrass-Sandberg bluegrass-Snake River phlox	PSSPS-POSE-PHCO10
GB4118	bluebunch wheatgrass-Sandberg bluegrass-plains pricklypear	PSSPS-POSE-OPPO
GB4911	bluebunch wheatgrass-Sandberg bluegrass (scabland)	PSSPS-POSE
GB5121	common snowberry/Idaho fescue-bluebunch wheatgrass/silky lupine	SYAL/FEID-PSSPS/LUSE4
GB5911	Idaho fescue-prairie Junegrass (ridgetops)	FEID-KOMA

NRV_PV_COVER_TYPES (CONT.)**Reference Code 615 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
GB5912	Idaho fescue-prairie Junegrass (mounds)	FEID-KOMA
GB5913	Idaho fescue-prairie Junegrass (high elevation)	FEID-KOMA
GB5914	Idaho fescue-prairie Junegrass (low elevation)	FEID-KOMA
GB5915	Idaho fescue-bluebunch wheatgrass (ridgetops)	FEID-PSSPS
GB5916	Idaho fescue-bluebunch wheatgrass-silky lupine	FEID-PSSPS-LUSE4
GB5917	Idaho fescue-bluebunch wheatgrass-arrowleaf balsamroot	FEID-PSSPS-BASA3
GB5918	Idaho fescue-bluebunch wheatgrass-Snake River phlox	FEID-PSSPS-PHC010
GB5919	common snowberry/Idaho fescue-prairie Junegrass	SYAL/FEID-KOMA
GB5920	Idaho fescue-timber oatgrass-sedge	FEID-DAIN-CAREX
GB5921	Idaho fescue-Hood's sedge	FEID-CAH05
GB5922	Idaho fescue-Geyer's sedge	FEID-CAGE2
GB7111	basin wildrye	LECI4
GB9111	Sandberg bluegrass-onespike danthonia	POSE-DAUN
GS1111	greenleaf fescue-Hood's sedge	FEVI-CAH05
GS1112	greenleaf fescue-silvery lupine	FEVI-LUARL5
HQG1	quaking aspen	POTR5
MD3112	Snake River Degenerated Bench	
MM1921	tufted hairgrass-sedge (moist meadow)	DECA18-CAREX
MM1922	tufted hairgrass-sedge (wet meadow)	DECA18-CAREX
MW19	sedge (tall, wet meadow)	CAREX
NTS111	Lewis; mock orange (talus strips)	PHLE4
SD2911	mountain big sagebrush/Idaho fescue	ARTRV/FEID
SD2915	mountain big sagebrush/Geyer's sedge	ARTRV/CAGE2
SD2916	mountain big sagebrush-antelope bitterbrush/Idaho fescue	ARTRV-PUTR2/FEID
SD2917	mountain big sagebrush-mountain snowberry-California brome	ARTRV-SYOR2-BRCA5
SD30	squaw apple-mountain snowberry	PERA4-SYOR2
SD3111	antelope bitterbrush/Idaho fescue-bluebunch wheatgrass	PUTR2/FEID-PSSPS
SD3112	antelope bitterbrush/bluebunch wheatgrass	PUTR2/PSSPS
SD49	curl-leaf mountain mahogany	CELE3
SD5611	netleaf hackberry/bluebunch wheatgrass	CELAR/PSSPS
SD6121	smooth sumac/bluebunch wheatgrass	RHGL/PSSPS
SD65	spiny greasebush/bluebunch wheatgrass	GLSPA/PSSPS
SD9111	scabland sagebrush/Sandberg bluegrass	ARRI2/POSE
SD9322	buckwheat/Oregon twinpod	ERIOG/PHOR2
SM19	mallow ninebark/common snowberry	PHMA5/SYAL
SM3111	common snowberry-rose	SYAL/ROSA5
SM32	mountain snowberry	SYOR2

NRV_PV_COVER_TYPES (CONT.)

Reference Code 616

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDC711	Douglas-fir-western hemlock/Cascade barberry	PSME-TSHE/MANE2
CDC712	Douglas-fir-western hemlock/Pacific rhododendron	PSME-TSHE/RHMA3
CDC713	Douglas-fir-western hemlock/salal	PSME-TSHE/GASH
CDS211	Douglas-fir/oceanspray-Cascade barberry	PSME/HODI-MANE2
CDS212	Douglas-fir/oceanspray/grass	PSME/HODI/2GRAM
CDS213	Douglas-fir/oceanspray-common whipplea	PSME/HODI-WHMO
CDS641	Douglas-fir/creeping snowberry	PSME/SYMO
CFC251	Pacific silver fir-western hemlock/Pacific rhododendron-salal	ABAM-TSHE/RHMA3-GASH
CFC311	Pacific silver fir-grand fir/starry false lily of the vally	ABAM-ABGR/MAST4
CFF152	Pacific silver fir/oneleaf foamflower	ABAM/TITRU
CFF153	Pacific silver fir/redwood-sorrel	ABAM/OXOR
CFS151	Pacific silver fir/Cascade barberry	ABAM/MANE2
CFS251	Pacific silver fir/thinleaf huckleberry/common beargrass	ABAM/VAME/XETE
CFS253	Pacific silver fir/oval-leaf blueberry/bunchberry dogwood	ABAM/VAOV/COCA13
CFS254	Pacific silver fir/rusty menziesia	ABAM/MEFE
CFS255	Pacific silver fir/oval-leaf blueberry-salal	ABAM/VAOV-GASH
CFS256	Pacific silver fir/thinleaf huckleberry/bride's bonnet	ABAM/VAME/CLUN2
CFS351	Pacific silver fir/devilsclub	ABAM/OPHO
CFS551	Pacific silver fir/Cascade azalea/common beargrass	ABAM/RHAL2/XETE
CFS552	Pacific silver fir/Cascade azalea/bride's bonnet	ABAM/RHAL2/CLUN2
CFS651	Pacific silver fir/vine maple/oneleaf foamflower	ABAM/ACCI/TITRU
CFS652	Pacific silver fir/Pacific rhododendron-Cascade barberry	ABAM/RHMA3-MANE2
CFS653	Pacific silver fir/Pacific rhododendron/common beargrass	ABAM/RHMA3/XETE
CFS654	Pacific silver fir/Pacific rhododendron-oval-leaf blueberry/bunchberry dogwood	ABAM/RHMA3-VAOV/COCA13
CHF111	western hemlock/redwood-sorrel (Willamette)	TSHE/OXOR
CHF151	western hemlock/western swordfern (Willamette)	TSHE/POMU
CHF221	western hemlock/sweet after death	TSHE/ACTR
CHF321	western hemlock/twinflower	TSHE/LIBO3
CHS111	western hemlock/salal (Willamette)	TSHE/GASH
CHS113	western hemlock/Cascade barberry/redwood-sorrel	TSHE/MANE2/OXOR
CHS114	western hemlock/Cascade barberry/sweet after death	TSHE/MANE2/ACTR
CHS124	western hemlock/Cascade barberry-salal	TSHE/MANE2-GASH
CHS125	western hemlock/Cascade barberry	TSHE/MANE2
CHS326	western hemlock/Pacific rhododendron-oval-leaf blueberry/bunchberry dogwood	TSHE/RHMA3-VAOV/COCA13
CHS351	western hemlock/Pacific rhododendron-salal (Willamette)	TSHE/RHMA3-GASH
CHS352	western hemlock/Pacific rhododendron-Cascade barberry (Willamette)	TSHE/RHMA3-MANE2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 616 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHS353	western hemlock/Pacific rhododendron/common beargrass (Willamette)	TSHE/RHMA3/XETE
CHS354	western hemlock/Pacific rhododendron/redwood-sorrel	TSHE/RHMA3/OXOR
CHS355	western hemlock/Pacific rhododendron/twinflower	TSHE/RHMA3/LIBO3
CHS511	western hemlock/devilsclub (Willamette)	TSHE/OPHO
CHS615	western hemlock/oval-leaf blueberry/bunchberry dogwood	TSHE/VAOV/COCA13
CMG211	mountain hemlock/woodrush	TSME/LUZUL
CMS114	mountain hemlock/grouse whortleberry	TSME/VASC
CMS216	mountain hemlock/thinleaf huckleberry/common beargrass	TSME/VAME/XETE
CMS612	mountain hemlock/Pacific rhododendron	TSME/RHMA3
CWF211	grand fir/pipsissewa	ABGR/CHUM
CWS521	grand fir/kinnikinnick	ABGR/ARUV
CWS522	grand fir/Cascade barberry	ABGR/MANE2
FM2911	common beargrass-red fescue	XETE-FERU2
FM3011	garden vetch-subalpine fleabane-blue wildrye	VISA-ERPE3-ELGL
FM9911	common woolly sunflower-varileaf phacelia	ERLA6-PHHE2
FW5111	false hellebore-common cowparsnip	VERAT-HEMA80
GM4121	blue wildrye-bromegrass	ELGL-BROMU
MM3911	sedge-Howell's marsh marigold	CAREX-CALEH2
MT1911	sedge-panicled bulrush (hydric)	CAREX-SCMI2
NCS111	shrub (lava flows)	2SHRUB
NRL911	rock garden (steep, xeric)	
NRL912	rock garden (steep, moist)	
NRR911	rock graden (flat, xeric)	
NTS211	vine maple (talus)	ACCI
NTS911	talus	
SM5911	thimbleberry/poke knotweed	RUPA/POPH
SM8111	Sitka alder (rocky soil)	ALVIS
SM8112	vine maple (rocky soil)	ACCI
SW4121	blueberry-rose meadowsweet/grass	VACCI-SPSPS/2GRAM
SW4122	rose spirea-bog blueberry/sedge	SPDO-VAUL/CAREX
SW4123	spirea-willow/sedge	SPIRA-SALIX/CAREX

Reference Code 617

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CEM111	Engelmann spruce/widefruit sedge	PIEN/CAAN15
CEM221	Engelmann spruce/field horsetail-twistedstalk	PIEN/EQAR-STREP3
CEM222	Engelmann spruce/bride's bonnet	PIEN/CLUN2
CEM311	Engelmann spruce/bog blueberry/forb	PIEN/VAUL/2FORB
CEM312	Engelmann spruce/bog blueberry/widefruit sedge	PIEN/VAUL/CAAN15
CLM112	lodgepole pine/Kentucky bluegrass	PICO/POPR

NRV_PV_COVER_TYPES (CONT.)**Reference Code 617 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CLM113	lodgepole pine/widefruit sedge	PICO/CAAN15
CLM114	lodgepole pine/water sedge	PICO/CAAQ
CLM211	lodgepole pine/kinnikinnick	PICO/ARUV
CLM311	lodgepole pine/bog blueberry-forb	PICO/VAUL-2FORB
CLM312	lodgepole pine/bog blueberry/widefruit sedge	PICO/VAUL/CAAN15
CLM313	lodgepole pine/rose spirea/forb	PICO/SPDO/2FORB
CLM314	lodgepole pine/rose spirea/widefruit sedge	PICO/SPDO/CAAN15
CLM911	lodgepole pine-Engelmann spruce/fewflower spikerush	PICO-PIEN/ELQU2
CPS511	ponderosa pine/common snowberry (floodplain)	PIPO/SYAL
CWF431	white fir/bride's bonnet	ABCO/CLUN2
FW4111	bride's bonnet-gray alder	CLUN2/ALIN2
FW4211	arrowleaf ragwort	SETR
HQM121	quaking aspen/blue wildrye	POTR5/ELGL
HQM411	quaking aspen-lodgepole pine/rose spirea/widefruit sedge	POTR5-PICO/SPDO/CAAN15
HQS221	quaking aspen/common snowberry/ blue wildrye	POTR5/SYAL/ELGL
MD1911	Cusick's bluegrass	POCU3
MD3111	Kentucky bluegrass	POPR
MM1912	tufted hairgrass	DECA18
MM2911	woolly sedge	CAPE42
MM2912	Nebraska sedge	CANE2
MM2913	widefruit sedge	CAAN15
MM2914	water sedge	CAAQ
MM2915	analogue sedge	CASI2
MS1111	Brewer's sedge	CABR12
MS2111	black alpine sedge	CANI2
MS2112	broom sedge-black alpine sedge-tufted hairgrass	CASC11-CANI2-DECA18
MS3111	mountain sedge	CASC12
MW1921	panicked bulrush-bigleaf sedge	SCMI2-CAAM10
MW1922	Sitka sedge	CAAQD
MW1923	blister sedge	CAVE6
MW1924	beaked sedge	CAR06
MW2911	woollyfruit sedge	CALA11
MW4911	fewflower spikerush	ELQU2
MW4912	common spikerush	ELPA3
SD2311	big sagebrush-silver sagebrush/Cusick's bluegrass	ARTR2-ARCA13/POCU3
SS1911	pink mountainheath	PHEM
SW1111	willow/Kentucky bluegrass	SALIX/POPR
SW1112	willow/woolly sedge	SALIX/CAPE42
SW1113	willow/widefruit sedge	SALIX/CAAN15
SW1114	willow/water sedge	SALIX/CAAQ
SW1115	willow/Sitka sedge	SALIX/CAAQD
SW1116	willow/beaked sedge	SALIX/CAR06
SW2211	gray alder/common snowberry	ALIN2/SYAL
SW2212	gray alder/rose spirea	ALIN2/SPDO

NRV_PV_COVER_TYPES (CONT.)**Reference Code 617 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SW2213	gray alder (spring)	ALIN2
SW2911	gray alder	ALIN2
SW4111	bog blueberry/Sitka sedge	VAUL/CAAQD
SW4112	bog blueberry/fewflower spikerush	VAUL/ELQU2

Reference Code 618

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDS221	Douglas-fir/oceanspray-dwarf rose	PSME/HODI-ROGY
CDS255	Douglas-fir/salal	PSME/GASH
CDS651	Douglas-fir/kinnikinnick	PSME/ARUV
CEF321	subalpine fir/broadleaf lupine	ABLA/LULA4
CES212	subalpine fir/Cascade azalea (Olympic)	ABLA/RHAL2
CES321	subalpine fir/thinleaf huckleberry (Olympic)	ABLA/VAME
CES621	subalpine fir/common juniper	ABLA/JUCO6
CFF111	Pacific silver fir/redwood-sorrel (Olympic)	ABAM/OXOR
CFF211	Pacific silver fir/sweet after death-oneleaf foamflower	ABAM/ACTR-TITRU
CFF311	Pacific silver fir/common beargrass	ABAM/XETE
CFF611	Pacific silver fir/western swordfern	ABAM/POMU
CFF612	Pacific silver fir/western swordfern-redwood-sorrel	ABAM/POMU-OXOR
CFF911	Pacific silver fir (depauperate)	ABAM
CFM111	Pacific silver fir/American skunkcabbage	ABAM/LYAM3
CFS154	Pacific silver fir/salal (Olympic)	ABAM/GASH
CFS155	Pacific silver fir/salal/deer fern	ABAM/GASH/BLSP
CFS156	Pacific silver fir/salal/redwood-sorrel	ABAM/GASH/OXOR
CFS211	Pacific silver fir/thinleaf huckleberry/common beargrass (Olympic)	ABAM/VAME/XETE
CFS212	Pacific silver fir/oval-leaf blueberry (Olympic)	ABAM/VAOV
CFS213	Pacific silver fir/oval-leaf blueberry/white avalanche-lily	ABAM/VAOV/ERM08
CFS214	Pacific silver fir/oval-leaf blueberry/common beargrass (Olympic)	ABAM/VAOV/XETE
CFS215	Pacific silver fir/oval-leaf blueberry/oneleaf foamflower	ABAM/VAOV/TITRU
CFS216	Pacific silver fir/oval-leaf blueberry-Cascade barberry	ABAM/VAOV-MANE2
CFS217	Pacific silver fir/oval-leaf blueberry/redwood-sorrel	ABAM/VAOV/OXOR
CFS218	Pacific silver fir/oval-leaf blueberry/bride's bonnet	ABAM/VAOV/CLUN2
CFS219	Pacific silver fir/oval-leaf blueberry/twinflower	ABAM/VAOV/LIBO3
CFS220	Pacific silver fir/oval-leaf blueberry-Cascade azalea	ABAM/VAOV-RHAL2
CFS311	Pacific silver fir/devilsclub (Olympic)	ABAM/OPHO
CFS611	Pacific silver fir/Pacific rhododendron (Olympic)	ABAM/RHMA3
CFS612	Pacific silver fir/Pacific rhododendron-oval-leaf blueberry	ABAM/RHMA3-VAOV
CHF112	western hemlock/redwood-sorrel (Olympic)	TSHE/OXOR

NRV_PV_COVER_TYPES (CONT.)**Reference Code 618 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHF131	western hemlock/western swordfern-redwood-sorrel (Olympic)	TSHE/POMU-OXOR
CHF132	western hemlock/western swordfern-threeleaf foamflower	TSHE/POMU-TITR
CHF211	western hemlock/sweet after death (Olympic)	TSHE/ACTR
CHF511	western hemlock/common beargrass (Olympic)	TSHE/XETE
CHF911	western hemlock/depauperate	TSHE
CHM111	western hemlock/American skunkcabbage (Olympic)	TSHE/LYAM3
CHS131	western hemlock/salal (Olympic)	TSHE/GASH
CHS132	western hemlock/salal/common beargrass	TSHE/GASH/XETE
CHS133	western hemlock/salal-California huckleberry	TSHE/GASH-VAOV2
CHS134	western hemlock/salal-oceanspray	TSHE/GASH-HODI
CHS135	western hemlock/salal-Cascade barberry	TSHE/GASH-MANE2
CHS136	western hemlock/salal/redwood-sorrel	TSHE/GASH/OXOR
CHS137	western hemlock/salal/western swordfern	TSHE/GASH/POMU
CHS138	western hemlock/Cascade barberry (Olympic)	TSHE/MANE2
CHS139	western hemlock/Cascade barberry/western swordfern (Olympic)	TSHE/MANE2/POMU
CHS331	western hemlock/Pacific rhododendron (Olympic)	TSHE/RHMA3
CHS332	western hemlock/Pacific rhododendron/common beargrass (Olympic)	TSHE/RHMA3/XETE
CHS333	western hemlock/Pacific rhododendron-Cascade barberry (Olympic)	TSHE/RHMA3-MANE2
CHS334	western hemlock/Pacific rhododendron-salal (Olympic)	TSHE/RHMA3-GASH
CHS335	western hemlock/Pacific rhododendron/western swordfern (Olympic)	TSHE/RHMA3/POMU
CHS512	western hemlock/devilsclub (Olympic)	TSHE/OPHO
CHS621	western hemlock/oval-leaf blueberry	TSHE/VAOV
CHS622	western hemlock/oval-leaf blueberry/common beargrass	TSHE/VAOV/XETE
CHS623	western hemlock/oval-leaf blueberry/redwood-sorrel (Olympic)	TSHE/VAOV/OXOR
CHS624	western hemlock/oval-leaf blueberry-salal (Olympic)	TSHE/VAOV-GASH
CMS241	mountain hemlock/oval-leaf blueberry	TSME/VAOV
CMS242	mountain hemlock/oval-leaf blueberry/white avalanche-lily	TSME/VAOV/ERMO8
CMS243	mountain hemlock/oval-leaf blueberry/common beargrass	TSME/VAOV/XETE
CMS244	mountain hemlock/thinleaf huckleberry-oval-leaf blueberry	TSME/VAME-VAOV
CMS245	mountain hemlock/thinleaf huckleberry/common beargrass (Olympic)	TSME/VAME/XETE
CMS311	mountain hemlock/pink mountainheath-Cascade bilberry	TSME/PHEM-VADE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 618 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CMS312	mountain hemlock/Cascade azalea-thinleaf huckleberry	TSME/RHAL2-VAME
CSF111	Sitka spruce/western swordfern-redwood-sorrel	PISI/POMU-OXOR

Reference Code 619

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CCF211	western red cedar-grand fir/sweet after death	THPL-ABGR/ACTR
CDG141	Douglas-fir/Geyer's sedge	PSME/CAGE2
CDG321	Douglas-fir/western fescue	PSME/FEOC
CDS231	Douglas-fir/oceanspray/Geyer's sedge	PSME/HODI/CAGE2
CDS661	Douglas-fir/common snowberry	PSME/SYAL
CDS662	Douglas-fir/pinemat manzanita	PSME/ARNE
CHC311	western hemlock-grand fir/bride's bonnet	TSHE-ABGR/CLUN2
CPH211	ponderosa pine-Oregon white oak/arrowleaf balsamroot	PIPO-QUGA4/BASA3
CPH212	ponderosa pine-Oregon white oak/antelope bitterbrush	PIPO-QUGA4/PUTR2
CWC511	grand fir-Engelmann spruce/starry false lily of the valley	ABGR-PIEN/MAST4
CWF321	grand fir/twinflower	ABGR/LIBO3
CWF521	grand fir/broadleaf starflower	ABGR/TRBOL
CWF522	grand fir/sweet after death	ABGR/ACTR
CWF523	grand fir/Jacob's-ladder	ABGR/POPU3
CWG121	grand fir/Geyer's sedge	ABGR/CAGE2
CWS331	grand fir/snowberry	ABGR/SYMPH
CWS531	grand fir/oceanspray	ABGR/HODI
CWS532	grand fir/vine maple/sweet after death	ABGR/ACCI/ACTR
CWS533	grand fir/giant chinquapin	ABGR/CHCHC4

Reference Code 620

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CCF212	western red cedar/sweet after death	THPL/ACTR
CDS241	Douglas-fir/vine maple/western fescue	PSME/ACCI/FEOC
CWG122	grand fir/Geyer's sedge (Gifford Pinchot)	ABGR/CAGE2
CWG123	grand fir/pinegrass	ABGR/CARU
CWS221	grand fir/thinleaf huckleberry/twinflower	ABGR/VAME/LIBO3
CWS222	grand fir/thinleaf huckleberry/bride's bonnet	ABGR/VAME/CLUN2
CWS223	grand fir/thimbleberry/drops of gold	ABGR/RUPA/DIHO3
CWS224	grand fir/Cascade barberry/sweet after death	ABGR/MANE2/ACTR
CWS332	grand fir/creeping snowberry/sweet after death	ABGR/SYMO/ACTR
CWS534	grand fir/oceanspray (Gifford Pinchot)	ABGR/HODI
CWS535	grand fir/vine maple-hollyleaved barberry/broadleaf starflower	ABGR/ACCI-MAAQ2/TRBOL

NRV_PV_COVER_TYPES (CONT.)**Reference Code 620 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CWS536	grand fir/beaked hazelnut/sweet after death	ABGR/COCO6/ACTR
CWS537	grand fir/Pacific dogwood/sweet after death	ABGR/CONU4/ACTR

Reference Code 621

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CEF341	subalpine fir/Sitka valerian	ABLA/VASI
CFF154	Pacific silver fir/oneleaf foamflower-twistedstalk	ABAM/TITRU-STLAR
CFF250	Pacific silver fir/sweet after death	ABAM/ACTR
CFF311	Pacific silver fir/common beargrass	ABAM/XETE
CFF450	Pacific silver fir/strawberryleaf raspberry-deer fern	ABAM/RUPE-BLSP
CFM111	Pacific silver fir/American skunkcabbage	ABAM/LYAM3
CFS110	Pacific silver fir/Cascade barberry (Mt. Baker-Snoqualmie)	ABAM/MANE2
CFS154	Pacific silver fir/salal-Cascade barberry	ABAM/GASH-MANE2
CFS211	Pacific silver fir/thinleaf huckleberry/common beargrass	ABAM/VAME/XETE
CFS212	Pacific silver fir/oval-leaf blueberry (Mt. Baker-Snoqualmie)	ABAM/VAOV
CFS214	Pacific silver fir/oval-leaf blueberry/common beargrass	ABAM/VAOV/XETE
CFS216	Pacific silver fir/oval-leaf blueberry-Cascade barberry	ABAM/VAOV-MANE2
CFS218	Pacific silver fir/oval-leaf blueberry/bride's bonnet	ABAM/VAOV/CLUN2
CFS221	Pacific silver fir/thinleaf huckleberry/Sitka valerian	ABAM/VAME/VASI
CFS222	Pacific silver fir/thinleaf huckleberry/twistedstalk	ABAM/VAME/STLAR
CFS223	Pacific silver fir/thinleaf huckleberry-oval-leaf blueberry	ABAM/VAME-VAOV
CFS224	Pacific silver fir/thinleaf huckleberry	ABAM/VAME
CFS225	Pacific silver fir/oval-leaf blueberry/false lily of the valley	ABAM/VAOV/MADI
CFS226	Pacific silver fir/oval-leaf blueberry/oneleaf foamflower	ABAM/VAOV/TITRU
CFS228	Pacific silver fir/oval-leaf blueberry/sidebells wintergreen	ABAM/VAOV/ORSE
CFS229	Pacific silver fir/thinleaf huckleberry/sidebells wintergreen	ABAM/VAME/ORSE
CFS230	Pacific silver fir/oval-leaf blueberry-salal (Mt. Baker-Snoqualmie)	ABAM/VAOV-GASH
CFS231	Pacific silver fir/oval-leaf blueberry/western swordfern	ABAM/VAOV/POMU
CFS352	Pacific silver fir/devilclub-oval-leaf blueberry	ABAM/OPHO-VAOV
CFS554	Pacific silver fir/Cascade azalea-thinleaf huckleberry	ABAM/RHAL2-VAME
CFS555	Pacific silver fir/Cascade azalea-oval-leaf blueberry	ABAM/RHAL2-VAOV
CHF132	western hemlock/western swordfern-threelf foamflower (Olympic)	TSHE/POMU-TITR
CHF133	western hemlock/western swordfern-salal	TSHE/POMU-GASH
CHF134	western hemlock/western swordfern-Cascade barberry	TSHE/POMU-MANE2
CHF250	western hemlock/threelf foamflower-western oakfern	TSHE/TITR-GYDR
CHM111	western hemlock/American skunkcabbage (Mt. Baker-Snoqualmie)	TSHE/LYAM3
CHS131	western hemlock/salal (Mt Baker-Snoqualmie)	TSHE/GASH
CHS132	western hemlock/salal/common beargrass	TSHE/GASH/XETE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 621 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHS135	western hemlock/salal-Cascade barberry	TSHE/GASH-MANE2
CHS138	western hemlock/Cascade barberry (Mt. Baker-Snoqualmie)	TSHE/MANE2
CHS140	western hemlock/salal-thinleaf huckleberry	TSHE/GASH-VAME
CHS141	western hemlock/Cascade barberry/little prince's pine	TSHE/MANE2/CHME
CHS251	western hemlock/vine maple-Cascade barberry	TSHE/ACCI-MANE2
CHS513	western hemlock/devilsclub-common ladyfern	TSHE/OPHO-ATFI
CHS621	western hemlock/oval-leaf blueberry	TSHE/VAOV
CHS622	western hemlock/oval-leaf blueberry/common beargrass	TSHE/VAOV/XETE
CHS625	western hemlock/oval-leaf blueberry-western swordfern	TSHE/VAOV-POMU
CHS626	western hemlock/oval-leaf blueberry-Cascade barberry	TSHE/VAOV-MANE2
CMF250	mountain hemlock/oneleaf foamflower-twistedstalk	TSME/TITRU-STLAR
CMF251	mountain hemlock/Howell's marsh marigold	TSME/CALEH2
CMS241	mountain hemlock/oval-leaf blueberry	TSME/VAOV
CMS244	mountain hemlock/thinleaf huckleberry-oval-leaf blueberry	TSME/VAME-VAOV
CMS245	mountain hemlock/thinleaf huckleberry/common beargrass (Mt. Baker-Snoqualmie)	TSME/VAME/XETE
CMS246	mountain hemlock/thinleaf huckleberry (Mt. Baker-Snoqualmie)	TSME/VAME
CMS250	mountain hemlock/thinleaf huckleberry/twistedstalk	TSME/VAME-STLAR
CMS251	mountain hemlock/thinleaf huckleberry/Sitka valerian	TSME/VAME/VASI
CMS252	mountain hemlock/oval-leaf blueberry/twistedstalk	TSME/VAOV-STLAR
CMS253	mountain hemlock/oval-leaf blueberry/bride's bonnet	TSME/VAOV/CLUN2
CMS254	mountain hemlock/thinleaf huckleberry/roughfruit berry	TSME/VAME/RULA2
CMS255	mountain hemlock/oval-leaf blueberry/false lily of the vally	TSME/VAOV/MADI
CMS350	mountain hemlock/pink mountainheath-Cascade bilberry	TSME/PHEM-VADE
CMS351	mountain hemlock/Cascade azalea-oval-leaf blueberry	TSME/RHAL2-VAOV
CMS352	mountain hemlock/Cascade azalea-thinleaf huckleberry	TSME/RHAL2-VAME
CMS353	mountain hemlock/copperbush/strawberryleaf raspberry	TSME/ELPY/RUPE
CMS450	mountain hemlock/devilsclub-oval-leaf blueberry	TSME/OPHO-VAOV

Reference Code 622

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAF0	subalpine fir-whitebark pine/Jacob's-ladder	ABLA-PIAL/POPU3
CAF2	subalpine fir-whitebark pine/poke knotweed	ABLA-PIAL/POPH

NRV_PV_COVER_TYPES (CONT.)**Reference Code 622 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAG111	subalpine fir/Geyer's sedge	ABLA/CAGE2
CAG3	subalpine fir-whitebark pine/Drummond's rush	ABLA-PIAL/JUDR
CAG4	subalpine fir/western needlegrass	ABLA/ACOCO
CDG111	Douglas-fir/Geyer's sedge	PSME/CAGE2
CDG112	Douglas-fir/pinegrass	PSME/CARU
CDS611	Douglas-fir/oceanspray	PSME/HODI
CDS624	Douglas-fir/common snowberry	PSME/SYAL
CDS625	Douglas-fir/mountain snowberry	PSME/SYOR2
CDS711	Douglas-fir/mallow ninebark	PSME/PHMA5
CDS821	Douglas-fir/thinleaf huckleberry	PSME/VAME
CSDSD	Douglas-fir/curl-leaf mountain mahogany/Geyer's sedge	PSME/CELE3/CAGE2
CEF331	subalpine fir/Carolina bugbane	ABLA/TRCA
CES221	subalpine fir/rusty menziesia	ABLA/MEFE
CES311	subalpine fir/thinleaf huckleberry	ABLA/VAME
CES314	subalpine fir/bride's bonnet	ABLA/CLUN2
CES411	subalpine fir/grouse whortleberry	ABLA/VASC
CES414	subalpine fir/twinflower	ABLA/LIBO3
CJG111	western juniper/Idaho fescue-bluebunch wheatgrass	JUOC/FEID-PSSPS
CJS1	western juniper/little sagebrush	JUOC/ARAR8
CJS2	western juniper/mountain big sagebrush	JUOC/ARTRV
CJS321	western juniper/antelope bitterbrush/Idaho fescue-bluebunch wheatgrass	JUOC/PUTR2/FEID-PSSPS
CJS4	western juniper/mountain mahogany	JUOC/CERCO
CJS8	western juniper/scabland sagebrush	JUOC/ARRI2
CLG2	lodgepole pine/pinegrass	PICO/CARU
CLS4	lodgepole pine/grouse whortleberry	PICO/VASC
CLS416	lodgepole pine/pinegrass	PICO/CARU
CLS5	lodgepole pine/thinleaf huckleberry/pinegrass	PICO/VAME/CARU
CLS6	lodgepole pine/Sitka alder	PICO/ALVIS
CPG111	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
CPG112	ponderosa pine/Idaho fescue	PIPO/FEID
CPG221	ponderosa pine/pinegrass	PIPO/CARU
CPG222	ponderosa pine/Geyer's sedge	PIPO/CAGE2
CPS1	ponderosa pine/mountain big sagebrush/Geyer's sedge	PIPO/ARTRV/CAGE2
CPS131	ponderosa pine/mountain big sagebrush/Idaho fescue-bluebunch wheatgrass	PIPO/ARTRV/FEID-PSSPS
CPS221	ponderosa pine/antelope bitterbrush/Ross' sedge	PIPO/PUTR2/CARO5
CPS222	ponderosa pine/antelope bitterbrush/Geyer's sedge	PIPO/PUTR2/CAGE2
CPS226	ponderosa pine/antelope bitterbrush/Idaho fescue-bluebunch wheatgrass	PIPO/PUTR2/FEID-PSSPS
CPS232	ponderosa pine/curl-leaf mountain mahogany/Geyer's sedge	PIPO/CELE3/CAGE2
CPS233	ponderosa pine/curl-leaf mountain mahogany/Wheeler bluegrass	PIPO/CELE3/PONE2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 622 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPS234	ponderosa pine/curl-leaf mountain mahogany/Idaho fescue-bluebunch wheatgrass	PIPO/CELE3/FEID-PSSPS
CPS524	ponderosa pine/common snowberry	PIPO/SYAL
CPS525	ponderosa pine/mountain snowberry	PIPO/SYOR2
CWC811	grand fir/Pacific yew/bride's bonnet	ABGR/TABR2/CLUN2
CWC812	grand fir/Pacific yew/twinflower	ABGR/TABR2/LIBO3
CWF312	grand fir/twinflower	ABGR/LIBO3
CWF421	grand fir/bride's bonnet	ABGR/CLUN2
CWF512	grand fir/Carolina bugbane	ABGR/TRCA
CWF611	grand fir/western oakfern	ABGR/GYDR
CWF612	grand fir/western swordfern-British Columbia wildginger	ABGR/POMU-ASCA2
CWG111	grand fir/Geyer's sedge	ABGR/CAGE2
CWG113	grand fir/pinegrass	ABGR/CARU
CWG211	grand fir/Columbia brome	ABGR/BRVU
CWS212	grand fir/thinleaf huckleberry	ABGR/VAME
CWS322	grand fir/white spirea	ABGR/SPBE2
CWS541	grand fir/Rocky Mountain maple	ABGR/ACGL
CWS811	grand fir/grouse whortleberry	ABGR/VASC
CWS812	grand fir/grouse whortleberry/twinflower	ABGR/VASC/LIBO3
GB41	bluebunch wheatgrass-Sandberg bluegrass	PSSPS-POSE
GB4911	bluebunch wheatgrass-Sandberg bluegrass-onespike danthonia	PSSPS-POSE-DAUN
GB59	Idaho fescue-bluebunch wheatgrass	FEID-PSSPS
GB9111	Sandberg bluegrass-onespike danthonia	POSE-DAUN
GS10	western needlegrass	ACOCO
GS11	greenleaf fescue	FEVI
GS12	Idaho fescue	FEID
SD1911	little sagebrush/Idaho fescue-bluebunch wheatgrass	ARAR8/FEID-PSSPS
SD2911	mountain big sagebrush/Idaho fescue-bluebunch wheatgrass	ARTRV/FEID-PSSPS
SD3111	antelope bitterbrush/Idaho fescue-bluebunch wheatgrass	PUTR2/FEID-PSSPS
SD40	curl-leaf mountain mahogany/Geyer's sedge	CELE3/CAGE2
SD4111	curl-leaf mountain mahogany/Idaho fescue-bluebunch wheatgrass	CELE3/FEID-PSSPS
SD9111	scabland sagebrush/Sandberg bluegrass	ARRI2/POSE
SD9221	little sagebrush/Sandberg bluegrass	ARAR8/POSE
SM1111	mallow ninebark-common snowberry	PHMA5-SYAL
SM20	Sitka alder	ALVIS
SM31	common snowberry	SYAL
SM32	mountain snowberry	SYOR2
SS49	Geyer's sedge	CAGE2
SS4911	mountain big sagebrush/Geyer's sedge	ARTRV/CAGE2

NRV_PV_COVER_TYPES (CONT.)

Reference Code 623

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAF211	mountain hemlock-subalpine fir/Davis' knotweed	TSME-ABLA/PODA
CAF311	mountain hemlock-subalpine fir/Cascade aster	TSME-ABLA/EULEL2
CAG211	mountain hemlock-subalpine fir/greenleaf fescue	TSME-ABLA/FEVI
CAG311	mountain hemlock/Hitchcock's smooth woodrush	TSME/LUGLH
CAG312	mountain hemlock-whitebark pine/Hitchcock's smooth woodrush	TSME-PIAL/LUGLH
CAS211	mountain hemlock/pink mountainheath-Cascade bilberry	TSME/PHEM-VADE
CAS411	mountain hemlock-subalpine fir/common juniper	TSME-ABLA/JUCO6
CMS114	mountain hemlock/grouse whortleberry	TSME/VASC
CMS216	mountain hemlock/thinleaf huckleberry/common beargrass	TSME/VAME/XETE
CMS218	mountain hemlock/thinleaf huckleberry/bride's bonnet	TSME/VAME/CLUN2
CMS221	mountain hemlock/rusty menziesia	TSME/MEFE
CMS223	mountain hemlock/Cascade azalea	TSME/RHAL2
CMS612	mountain hemlock/Pacific rhododendron	TSME/RHMA3

Reference Code 624

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDS628	Douglas-fir/common snowberry (floodplain)	PSME/SYAL
CDS724	Douglas-fir/Rocky Mountain maple-mallow ninebark (floodplain)	PSME/ACGL-PHMA5
CEF332	subalpine fir/common ladyfern	ABLA/ATFI
CEF333	subalpine fir/arrowleaf ragwort	ABLA/SETR
CEF334	Engelmann spruce/common ladyfern	PIEN/ATFI
CEF335	Engelmann spruce/arrowleaf ragwort	PIEN/SETR
CEM121	Engelmann spruce/softleaf sedge	PIEN/CADI6
CEM211	Engelmann spruce/field horsetail	PIEN/EQAR
CES511	Engelmann spruce/redosier dogwood	PIEN/COSES
CLM112	lodgepole pine/Kentucky bluegrass	PICO/POPR
CLM114	lodgepole pine/water sedge	PICO/CAAQ
CLM115	lodgepole pine/tufted hairgrass	PICO/DECA18
CPM112	ponderosa pine/Kentucky bluegrass	PIPO/POPR
CPS511	ponderosa pine/common snowberry (floodplain)	PIPO/SYAL
CWF611	grand fir/western oakfern	ABGR/GYDR
CWF613	grand fir/common ladyfern	ABGR/ATFI
CWS314	grand fir/common snowberry (floodplain)	ABGR/SYAL
CWS543	grand fir/Rocky Mountain maple (floodplain)	ABGR/ACGL
FW4211	arrowleaf ragwort	SETR
FW4212	field horsetail	EQAR
FW4213	northern maidenhair	ADPE
FW5121	false hellebore	VERAT
GM4111	bluejoint	CACA4

NRV_PV_COVER_TYPES (CONT.)**Reference Code 624 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
HAF211	red alder/arctic sweet coltsfoot	ALRU2/PEFRP
HAS211	red alder/Pacific ninebark	ALRU2/PHCA11
HCS112	black cottonwood/Pacific willow	POBAT/SALUL
HCS113	black cottonwood/thinleaf alder-redosier dogwood	POBAT/ALINT-COSES
HCS114	black cottonwood/Rocky Mountain maple	POBAT/ACGL
HCS311	black cottonwood/common snowberry	POBAT/SYAL
HQM122	quaking aspen/Kentucky bluegrass	POTR5/POPR
HQM123	quaking aspen/bluejoint	POTR5/CACA4
HQM211	quaking aspen/woolly sedge	POTR5/CAPE42
HQS221	quaking aspen/common snowberry	POTR5/SYAL
MD3111	Kentucky bluegrass	POPR
MM1912	tufted hairgrass	DECA18
MM2911	woolly sedge	CAPE42
MM2912	Nebraska sedge	CANE2
MM2914	water sedge	CAAQ
MM2915	analogue sedge	CASI2
MM2916	woodrush sedge	CALU7
MM2917	Northwest Territory sedge	CAUT
MM2918	Cusick's sedge	CACU5
MM2919	lakeshore sedge	CALEL
MM2920	woollyfruit sedge	CALA11
MM2921	bigleaf sedge	CAAM10
MM2922	naked sedge	CANU5
MM2924	panicled bulrush	SCMI2
MM2925	fowl mannagrass	GLST
MS3111	mountain sedge	CASC12
MW1923	blister sedge	CAVEV2
MW3912	Baltic rush	JUBA
MW4911	fewflower spikerush	ELQU2
MW4912	common spikerush	ELPA3
SW1111	willow/Kentucky bluegrass	SALIX/POPR
SW1112	willow/woolly sedge	SALIX/CAPE42
SW1114	willow/water sedge	SALIX/CAAQ
SW1117	narrowleaf willow	SAEX
SW1121	undergreen willow/mountain sedge	SACO2/CASC12
SW1123	willow/Northwest Territory sedge	SALIX/CAUT
SW2111	Sitka alder/common ladyfern	ALVIS/ATFI
SW2112	Sitka alder/drooping woodreed	ALVIS/CILA2
SW2114	gray alder/bigleaf sedge	ALIN2/CAAM10
SW2115	gray alder/Northwest Territory sedge	ALIN2/CAUT
SW2116	gray alder/common ladyfern	ALIN2/ATFI
SW2117	gray alder/field horsetail	ALIN2/EQAR
SW2118	gray alder/Dewey sedge	ALIN2/CADE9
SW2120	gray alder/Kentucky bluegrass	ALIN2/POPR
SW2121	gray alder/bluejoint	ALIN2/CACA4
SW2122	gray alder/panicled bulrush	ALIN2/SCMI2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 624 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SW2123	gray alder/woolly sedge	ALIN2/CAPE42
SW2124	thinleaf alder/common cowparsnip	ALINT/HEMA80
SW2211	gray alder/common snowberry	ALIN2/SYAL
SW2215	gray alder/fowl mannagrass	ALIN2/GLST
SW2216	gray alder-redosier dogwood/mesic forb	ALIN2-COSES/2FORB
SW2217	gray alder-currant/mesic forb	ALIN2-RIBES/2FORB
SW3111	black hawthorn	CRDO2
SW5111	currant/drooping woodreed	RIBES/CILA2
SW5112	redosier dogwood	COSES
SW5113	shrubby cinquefoil/tufted hairgrass	DAFL3/DECA18
SW5114	shrubby cinquefoil/Kentucky bluegrass	DAFL3/POPR
SW6111	silver sagebrush/tufted hairgrass	ARCA13/DECA18
SW6112	silver sagebrush/Kentucky bluegrass	ARCA13/POPR
SW6113	mountain big sagebrush/Cusick's bluegrass	ARTRV/POCU3

Reference Code 625

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CCF110	western red cedar/common ladyfern-coastal hedgenettle	THPL/ATFI-STCHC3
CCS110	western red cedar/salmonberry-redwood-sorrel	THPL/RUSP-OXOR
CWM210	grand fir-western red cedar/American skunkcabbage	ABGR-THPL/LYAM3
FW4221	northern maidenhair	ADPE
FW4222	field horsetail	EQAR
FW4223	American skunkcabbage	LYAM3
FW4224	seep monkeyflower	MIGU
FW4225	woodsorrel	OXALI
FW4226	arctic sweet coltsfoot	PEFR5
FW4227	brook saxifrage-arrowleaf ragwort	SAOD2-SETR
FW4228	arrowleaf ragwort-giant mountain aster	SETR-CAMO32
FW4229	coastal hedgenettle-common ladyfern	STCHC3-ATFI
FW4230	coastal hedgenettle-seep monkeyflower	STCHC3-MIGU
FW4231	coldwater fumewort	COCOA
HAF221	red alder/blue wildrye	ALRU2/ELGL
HAF222	red alder/woodsorrel	ALRU2/OXALI
HAF223	red alder/arctic sweet coltsfoot	ALRU2/PEFR5
HAF224	red alder/coastal hedgenettle	ALRU2/STCHC3
HAF225	red alder/youth on age-Siberian springbeauty	ALRU2/TOME-CLIS
HAS111	red alder/thimbleberry	ALRU2/RUPA
HAS112	red alder/salmonberry/woodsorrel	ALRU2/RUSP/OXALI
HAS113	red alder/salmonberry/youth on age	ALRU2/RUSP/TOME
HAS311	red alder/vine maple	ALRU2/ACCI
HAS411	red alder/devilsclub	ALRU2/OPHO
HCS1	black cottonwood	POBAT
MM2931	lakeshore sedge	CALE8

NRV_PV_COVER_TYPES (CONT.)**Reference Code 625 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
MT1921	panicked bulrush	SCM12
SW1131	Sitka willow	SASI2
SW1132	Sitka willow/arctic sweet coltsfoot	SASI2/PEFR5
SW2131	gray alder-oval-leaf blueberry	ALIN2-VAOV
SW2132	Sitka alder	ALVIS
SW2511	red alder (shrub)	ALRU2
SW2512	red alder (shrub)/Carolina bugbane	ALRU2/TRCA
SW4131	redosier dogwood	COSES
SW4132	oval-leaf blueberry	VAOV
SW5121	stink currant-salmonberry/woodsorrel	RIBR-RUSP/OXALI
SW5122	stink currant-salmonberry/arctic sweet coltsfoot	RIBR-RUSP/PEFR5
SW5123	stink currant-salmonberry/youth on age	RIBR-RUSP/TOME
SW70	vine maple	ACCI
SW7111	vine maple-gray alder	ACCI-ALIN2
SW7112	vine maple/coastal hedgenettle	ACCI/STCHC3
SW7113	devilsclub	OPHO

Reference Code 626

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAC111	subalpine larch/western moss heather-partridgefoot	LALY/CAME7-LUPE
CAC112	subalpine larch/eightpetal mountain-avens	LALY/DROC
CAC113	subalpine larch/common juniper	LALY/JUCO6
CAC114	subalpine larch/Cascade bilberry-western moss heather	LALY/VADE-CAME7
CAC115	subalpine larch/grouse whortleberry/Hitchcock's smooth woodrush	LALY/VASC/LUGLH
CAF321	whitebark pine/eightpetal mountain-avens	PIAL/DROC
CAG112	whitebark pine/pinegrass	PIAL/CARU
CAG221	whitebark pine/greenleaf fescue	PIAL/FEVI
CAS221	whitebark pine/western moss heather/partridgefoot	PIAL/CAME7/LUPE
CAS311	whitebark pine/grouse whortleberry/Hitchcock's smooth woodrush	PIAL/VASC/LUGLH
CAS421	whitebark pine/common juniper	PIAL/JUCO6
CCS211	western red cedar/devilsclub	THPL/OPHO
CDF411	Douglas-fir/bush penstemon	PSME/PEFR3
CDG131	Douglas-fir/pinegrass (Okanogan and Colville)	PSME/CARU
CDG132	Douglas-fir/Geyer's sedge (Wenatchee)	PSME/CAGE2
CDG134	Douglas-fir/pinegrass-bluebunch wheatgrass	PSME/CARU-PSSPS
CDG322	Douglas-fir/bluebunch wheatgrass (Wenatchee)	PSME/PSSPS
CDG323	Douglas-fir/bluebunch wheatgrass-Indian's dream	PSME/PSSPS-ASDE6
CDS411	Douglas-fir/Oregon boxleaf	PSME/PAMY
CDS412	Douglas-fir/Oregon boxleaf/pinegrass	PSME/PAMY/CARU
CDS632	Douglas-fir/mountain snowberry (Okanogan and Colville)	PSME/SYOR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 626 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDS636	Douglas-fir/common snowberry (Wenatchee)	PSME/SYAL
CDS637	Douglas-fir/common snowberry/bluebunch wheatgrass	PSME/SYAL/PSSPS
CDS638	Douglas-fir/common snowberry/pinegrass	PSME/SYAL/CARU
CDS639	Douglas-fir/shinyleaf spirea/pinegrass	PSME/SPBEL/CARU
CDS640	Douglas-fir/shinyleaf spirea	PSME/SPBEL
CDS653	Douglas-fir/kinnikinnick (Wenatchee)	PSME/ARUV
CDS654	Douglas-fir/kinnikinnick-antelope bitterbrush	PSME/ARUV-PUTR2
CDS655	Douglas-fir/kinnikinnick/pinegrass	PSME/ARUV/CARU
CDS673	Douglas-fir/antelope bitterbrush	PSME/PUTR2
CDS674	Douglas-fir/antelope bitterbrush/bluebunch wheatgrass	PSME/PUTR2/PSSPS
CDS675	Douglas-fir/antelope bitterbrush/pinegrass	PSME/PUTR2/CARU
CDS831	Douglas-fir/dwarf bilberry	PSME/VACA13
CDS832	Douglas-fir/velvetleaf huckleberry (Wenatchee)	PSME/VAMY
CDS833	Douglas-fir/velvetleaf huckleberry/pinegrass	PSME/VAMY/CARU
CEF222	subalpine fir/longtube twinflower (Wenatchee)	ABLA/LIBOL2
CEF422	subalpine fir/Carolina bugbane	ABLA/TRCA
CEF424	subalpine fir/broadleaf arnica-Jacob's-ladder	ABLA/ARLA8-POPU3
CEG121	subalpine fir/Hitchcock's smooth woodrush (Wenatchee)	ABLA/LUGLH
CEG311	subalpine fir/pinegrass	ABLA/CARU
CEM211	Engelmann spruce/horsetail	PIEN/EQUIS
CES112	subalpine fir/Oregon boxleaf/pinegrass	ABLA/PAMY/CARU
CES113	subalpine fir/Oregon boxleaf (Wenatchee)	ABLA/PAMY
CES211	subalpine fir/Cascade azalea	ABLA/RHAL2
CES213	subalpine fir/Cascade azalea/Hitchcock's smooth woodrush	ABLA/RHAL2/LUGLH
CES341	subalpine fir/Cascade bilberry	ABLA/VADE
CES342	subalpine fir/thinleaf huckleberry (Wenatchee)	ABLA/VAME
CES413	subalpine fir/grouse whortleberry/pinegrass	ABLA/VASC/CARU
CES422	subalpine fir/dwarf bilberry	ABLA/VACA13
CES423	subalpine fir/roughfruit berry	ABLA/RULA2
CES424	subalpine fir/grouse whortleberry/broadleaf arnica	ABLA/VASC/ARLA8
CES425	subalpine fir/grouse whortleberry/Hitchcock's smooth woodrush	ABLA/VASC/LUGLH
CES426	subalpine fir/grouse whortleberry (Wenatchee)	ABLA/VASC
CFF162	Pacific silver fir/oneleaf foamflower	ABAM/TITRU
CFF254	Pacific silver fir/sweet after death (Wenatchee)	ABAM/ACTR
CFS232	Pacific silver fir/oval-leaf blueberry (Wenatchee)	ABAM/VAOV
CFS233	Pacific silver fir/thinleaf huckleberry/bride's bonnet (Wenatchee)	ABAM/VAME/CLUN2
CFS234	Pacific silver fir/thinleaf huckleberry-sidebells wintergreen	ABAM/VAME-ORSE
CFS351	Pacific silver fir/devilsclub	ABAM/OPHO
CFS413	Pacific silver fir/roughfruit berry (Wenatchee)	ABAM/RULA2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 626 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFS542	Pacific silver fir/rusty menziesia (Wenatchee)	ABAM/MEFE
CFS556	Pacific silver fir/Cascade azalea-thinleaf huckleberry (Wenatchee)	ABAM/RHAL2-VAME
CFS621	Pacific silver fir/vine maple	ABAM/ACCI
CHF223	western hemlock/sweet after death (Wenatchee)	TSHE/ACTR
CHF313	western hemlock/British Columbia wildginger	TSHE/ASCA2
CHM121	western hemlock/American skunkcabbage	TSHE/LYAM3
CHS142	western hemlock/Cascade barberry (Wenatchee)	TSHE/MANE2
CHS143	western hemlock/Oregon boxleaf/bride's bonnet	TSHE/PAMY/CLUN2
CHS144	western hemlock/pinemat manzanita	TSHE/ARNE
CHS225	western hemlock/vine maple/sweet after death (Wenatchee)	TSHE/ACCI/ACTR
CHS226	western hemlock/vine maple/British Columbia wildginger	TSHE/ACCI/ASCA2
CHS227	western hemlock/vine maple/bride's bonnet	TSHE/ACCI/CLUN2
CMF131	mountain hemlock/common beargrass-whortleberry	TSME/XETE-VAMY2
CMG221	mountain hemlock/Hitchcock's smooth woodrush	TSME/LUGLH
CMS121	mountain hemlock/grouse whortleberry/Hitchcock's smooth woodrush	TSME/VASC/LUGLH
CMS122	mountain hemlock/roughfruit berry	TSME/RULA2
CMS256	mountain hemlock/rusty menziesia-oval-leaf blueberry	TSME/MEFE-VAOV
CMS257	mountain hemlock/rusty menziesia-thinleaf huckleberry	TSME/MEFE-VAME
CMS258	mountain hemlock/oval-leaf blueberry (Wenatchee)	TSME/VAOV
CMS259	mountain hemlock/thinleaf huckleberry (Wenatchee)	TSME/VAME
CMS354	mountain hemlock/pink mountainheath-Cascade bilberry	TSME/PHEM-VADE
CMS355	mountain hemlock/Cascade azalea-oval-leaf blueberry	TSME/RHAL2-VAOV
CMS356	mountain hemlock/Cascade azalea-thinleaf huckleberry	TSME/RHAL2-VAME
CPG141	ponderosa pine/bluebunch wheatgrass (Wenatchee)	PIPO/PSSPS
CPG142	ponderosa pine/bluebunch wheatgrass-Indian's dream	PIPO/PSSPS-ASDE6
CPG231	ponderosa pine/pinegrass-bluebunch wheatgrass	PIPO/CARU-PSSPS
CPS241	ponderosa pine/antelope bitterbrush/bluebunch wheatgrass	PIPO/PUTR2/PSSPS
CWF444	grand fir/heartleaf arnica	ABGR/ARCO9
CWF524	grand fir/sweet after death (Wenatchee)	ABGR/ACTR
CWG124	grand fir/pinegrass (Wenatchee)	ABGR/CARU
CWG125	grand fir/pinegrass-lupine	ABGR/CARU-LUPIN
CWS225	grand fir/Cascade barberry	ABGR/MANE2
CWS226	grand fir/Cascade barberry/pinegrass (Wenatchee)	ABGR/MANE2/CARU
CWS335	grand fir/shinyleaf spirea/western brackenfern	ABGR/SPBEL/PTAQ
CWS336	grand fir/common snowberry/pinegrass	ABGR/SYAL/CARU
CWS337	grand fir/mountain snowberry	ABGR/SYOR2
CWS338	grand fir/pinemat manzanita	ABGR/ARNE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 626 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CWS551	grand fir/vine maple (Wenatchee)	ABGR/ACCI
CWS552	grand fir/vine maple-pipsissewa	ABGR/ACCI-CHUM
CWS553	grand fir/vine maple/bride's bonnet	ABGR/ACCI/CLUN2
CWS554	grand fir/oceanspray/pinegrass	ABGR/HODI/CARU
HOG111	Oregon white oak/bluebunch wheatgrass	QUGA4/PSSPS
HOG211	Oregon white oak/pinegrass-Geyer's sedge	QUGA4/CARU-CAGE2
HOS311	Oregon white oak/beaked hazelnut-common snowberry	QUGA4/COCO6-SYAL

Reference Code 627

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CCF221	western red cedar/bride's bonnet	THPL/CLUN2
CCF222	western red cedar/wild sarsaparilla	THPL/ARNU2
CCS211	western red cedar/devilsclub	THPL/OPHO
CCS311	western red cedar/thinleaf huckleberry	THPL/VAME
CDG123	Douglas-fir/kinnikinnick	PSME/ARUV
CDG131	Douglas-fir/pinegrass	PSME/CARU
CDG311	ponderosa pine-Douglas-fir/bluebunch wheatgrass	PIPO-PSME/PSSPS
CDS632	Douglas-fir/mountain snowberry	PSME/SYOR2
CDS633	Douglas-fir/common snowberry	PSME/SYAL
CDS715	Douglas-fir/mallow ninebark	PSME/PHMA5
CDS716	Douglas-fir/mallow ninebark/longtube twinflower	PSME/PHMA5/LIBOL2
CDS813	Douglas-fir/dwarf bilberry	PSME/VACA13
CDS814	Douglas-fir/thinleaf huckleberry	PSME/VAME
CEF111	subalpine fir/common beargrass	ABLA/XETE
CEF211	subalpine fir/longtube twinflower	ABLA/LIBOL2
CEF421	subalpine fir/bride's bonnet	ABLA/CLUN2
CEF422	subalpine fir/Carolina bugbane	ABLA/TRCA
CEF423	subalpine fir/bunchberry dogwood	ABLA/COCA13
CEG311	subalpine fir/pinegrass	ABLA/CARU
CEM211	Engelmann spruce/field horsetail	PIEN/EQAR
CES210	subalpine fir/Cascade azalea/common beargrass	ABLA/RHAL2/XETE
CES211	subalpine fir/Cascade azalea	ABLA/RHAL2
CES313	subalpine fir/thinleaf huckleberry	ABLA/VAME
CES412	subalpine fir/grouse whortleberry	ABLA/VASC
CES422	subalpine fir/dwarf bilberry	ABLA/VACA13
CHF311	western hemlock/bride's bonnet	TSHE/CLUN2
CHF312	western hemlock/wild sarsaparilla	TSHE/ARNU2
CHF422	western hemlock/Pacific oakfern	TSHE/GYDI2
CHF521	western hemlock/common beargrass	TSHE/XETE
CHS411	western hemlock/strawberryleaf raspberry	TSHE/RUPE
CHS711	western hemlock/rusty menziesia	TSHE/MEFE
CLS521	lodgepole pine/russet buffaloberry	PICO/SHCA
CWS214	grand fir/thinleaf huckleberry/bride's bonnet (Colville)	ABGR/VAME/CLUN2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 627 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CWS421	grand fir/mallow ninebark	ABGR/PHMA5
CWS422	grand fir/Douglas maple/bride's bonnet	ABGR/ACGLD4/CLUN2
CWS821	grand fir/dwarf bilberry	ABGR/VACA13
HQG111	quaking aspen/pinegrass	POTR5/CARU
HQS211	quaking aspen/common snowberry	POTR5/SYAL

Reference Code 628

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDG112	Douglas-fir/pinegrass	PSME/CARU
CDG331	Douglas-fir/bluebunch wheatgrass	PSME/PSSPS
CDS511	Douglas-fir/creeping barberry	PSME/MARE11
CDS7	Douglas-fir/mallow ninebark	PSME/PHMA5
CES311	subalpine fir/thinleaf huckleberry	ABLA/VAME
CES411	subalpine fir/grouse whortleberry	ABLA/VASC
CLS415	lodgepole pine/grouse whortleberry	PICO/VASC
CLS416	lodgepole pine/pinegrass	PICO/CARU
CLS515	lodgepole pine/thinleaf huckleberry	PICO/VAME
GSXX	grasslands (alpine xeric)	2GRAM
HQ	quaking aspen	POTR5
MS20	meadow, subalpine	
MS2111	black alpine sedge	CANI2
NA	avalanche paths, sparsely to non-vegetated	
NCA1	whitebark pine-subalpine fir	PIAL-ABLA
NRA0	rocky land in alpine or subalpine locations	
SD21	big sagebrush	ARTR2
SM20	Sitka alder	ALVIS
SS1911	pink mountainheath	PHEM

Reference Code 631

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CCF222	western redcedar/wild sarsparilla	THPL/ARNU2
CCF231	Western redcedar/twinflower	THPL/LIBO3
CCF232	Western redcedar/oakfern	THPL/GYDR
CDG122	Douglas-fir/pinegrass-kinnikinnick	PSME/CARU-ARUV
CDG131	Douglas-fir/pinegrass	PSME/CARU
CDG332	Douglas-fir/Idaho fescue	PSME/FEID
CDS611	Douglas-fir/oceanspray	PSME/HODI
CDS627	Douglas-fir/common snowberry	PSME/SYAL
CDS635	Douglas-fir/white spirea	PSME/SPBE2
CDS715	Douglas-fir/mallow ninebark-heartleaf arnica	PSME/PHMA5-ARCO9
CDS716	Douglas-fir/mallow ninebark-Oregon boxleaf	PSME/PHMA5-PAMY
CEF211	subalpine fir/twinflower	ABLA/LIBO3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 631 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CEF441	Subalpine fir/oakfern	ABLA/GYDR
CEG311	subalpine fir/pinegrass	ABLA/CARU
CES111	subalpine fir/Oregon boxleaf	ABLA/PAMY
CES151	Subalpine fir-whitebark pine/bearberry	ABLA-PIAL/ARUV
CES211	subalpine fir/Cascade azalea	ABLA/RHAL2
CES312	subalpine fir/blueberry	ABLA/VACCI
CES611	subalpine fir/pink mountain heath	ABLA/PHEM
CPG121	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
CPG122	ponderosa pine/Idaho fescue	PIPO/FEID
CPS227	ponderosa pine/antelope bitterbrush-Indian ricegrass	PIPO/PUTR2-ACHY
CPS228	ponderosa pine/antelope bitterbrush-bluebunch wheatgrass	PIPO/PUTR2-PSSPS
CPS229	ponderosa pine/antelope bitterbrush-Idaho fescue	PIPO/PUTR2-FEID
CPS521	ponderosa pine/common snowberry	PIPO/SYAL
CWC812	grand fir/twinflower/Pacific yew	ABGR/LIBO3/TABR2
CWF313	grand fir/twinflower	ABGR/LIBO3
CWF551	White fir/drops-of-gold	ABGR/PRHOH

Reference Code 632

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAG1	park	
CCF121	western red cedar/common ladyfern	THPL/ATFI
CCS211	western red cedar/devilsclub	THPL/OPHO
CCS321	western red cedar/Oregon boxleaf	THPL/PAMY
CDG121	Douglas-fir/pinegrass	PSME/CARU
CDG122	Douglas-fir/pinegrass-kinnikinnick	PSME/CARU-ARUV
CDS627	Douglas-fir/common snowberry	PSME/SYAL
CDS721	Douglas-fir/mallow ninebark	PSME/PHMA5
CEF111	subalpine fir/common beargrass	ABLA/XETE
CES121	subalpine fir/Oregon boxleaf	ABLA/PAMY
CES231	subalpine fir/rusty menziesia	ABLA/MEFE
CES421	subalpine fir/grouse whortleberry	ABLA/VASC
CMF121	mountain hemlock/common beargrass	TSME/XETE
CMS220	mountain hemlock/rusty menziesia	TSME/MEFE
CPG121	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
CPG122	ponderosa pine/Idaho fescue	PIPO/FEID
CPG123	ponderosa pine/western needlegrass	PIPO/ACOCO
CPS227	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
CPS521	ponderosa pine/common snowberry	PIPO/SYAL
CPS721	ponderosa pine/mallow ninebark	PIPO/PHMA5
CWS722	grand fir/Oregon boxleaf	ABGR/PAMY
HCS1	black cottonwood	POBAT
NCA1	whitebark pine-subalpine fir	PIAL-ABLA
SM8111	Sitka alder (scrub)	ALVIS

NRV_PV_COVER_TYPES (CONT.)

Reference Code 634

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CLS811	lodgepole pine/salal-California huckleberry/sedge (deflation plain)	PICO/GASH-VAOV2/CAREX
CLS812	lodgepole pine/rhododendron/California huckleberry (floodplain, dune)	PICO/RHODO/VAOV2
CLS821	lodgepole pine/rhododendron/California huckleberry (stabilized dune)	PICO/RHODO/VAOV2
CLS822	lodgepole pine/rhododendron/California huckleberry (eroding dune)	PICO/RHODO/VAOV2
CLS823	lodgepole pine/rhododendron/California huckleberry (dune slipface)	PICO/RHODO/VAOV2
CLS831	lodgepole pine/kinnikinnick-hairy manzanita (rolling dune, open)	PICO/ARUV-ARCO3
CSS411	Sitka spruce-Douglas-fir/rhododendron-California huckleberry (stabilized dune)	PISI-PSME/RHODO-VAOV2
CSS412	Sitka spruce-lodgepole pine-western hemlock/rhododendron (flood plain)	PISI-PICO-TSHE/RHODO
CSS421	Sitka spruce-Douglas-fir/rhododendron-California huckleberry (sandy, steep)	PISI-PSME/RHODO-VAOV2
CSS422	Sitka spruce-Douglas-fir/rhododendron-California huckleberry (sandy, gentle)	PISI-PSME/RHODO-VAOV2
GR8111	beachgrass (foredune)	AMMOP
GR8211	beachgrass/lupine/bluegrass (hummocks, occasionally wet, dense)	AMMOP/LUPIN/POA
GR8212	beachgrass/lupine (hummocks, occasionally wet, unstable, open)	AMMOP/LUPIN
GR8213	beachgrass/lupine/bluegrass (hummocks, dry, eroding)	AMMOP/LUPIN/POA
GR8311	beachgrass (dune slip face, stabilized)	AMMOP
MMB8	slough sedge-rush-red fescue (deflation plain potholes/slough)	CAOB3-JUNCU-FERU2
MT8111	cattail-bulrush/waterlily-waterweed	TYPHA-SCIRP/NYMPH-ELODE
MW8111	slough sedge/American skunk cabbage-red currant (valley fill)	CAOB3/LYAM3-RITR
MW8112	slough sedge/waterlily-pondweed-cattail	CAOB3/NYMPH-POTAM-TYPHA
NSN111	Pacific coast beach	
NSN211	transverse ridge, occasionally wet, winter stable	
NSN212	transverse ridge, dry, moving sand	
NSN311	oblique ridge, fore slope, moving sand	
NSN312	oblique ridge, precipitation ridge, active sand	
NSN313	oblique ridge, precipitation ridge, active, threat, veget	
SW8111	shrub (deflation plain, high water)	2SHRUB
SW8112	salal-oval-leaf blueberry-willow (deflation plain, high water)	GASH-VAOV-SALIX
WE1311	bar built, well mixed saline, active flood plain	

NRV_PV_COVER_TYPES (CONT.)

Reference Code 635

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDC511	ponderosa pine-Douglas-fir/antelope bitterbrush-snowbrush ceanothus	PIPO-PSME/PUTR2-CEVE
CDC512	ponderosa pine-Douglas-fir/snowberry	PIPO-PSME/SYMPH
CFF141	Pacific silver fir/bride's bonnet	ABAM/CLUN2
CFF321	Pacific silver fir/common beargrass	ABAM/XETE
CHF531	western hemlock/common beargrass	TSHE/XETE
CHS211	western hemlock/vine maple	TSHE/ACCI
CHS329	western hemlock/Pacific rhododendron	TSHE/RHMA3
CMC311	mountain hemlock-lodgepole pine/pinemat manzanita	TSME-PICO/ARNE
CMC312	mountain hemlock-lodgepole pine/grouse whortleberry	TSME-PICO/VASC
CMC313	mountain hemlock-lodgepole pine-subalpine fir	TSME-PICO-ABLA
CMF111	mountain hemlock/common beargrass	TSME/XETE
CPC611	ponderosa pine-Douglas-fir/old man's whiskers-mule-ears (Mutton)	PIPO-PSME/GETR-WYAM
CPC612	ponderosa pine-Douglas-fir/antelope bitterbrush (Mutton)	PIPO-PSME/PUTR2
CPC613	ponderosa pine-Douglas-fir/greenleaf manzanita-snowbrush ceanothus (Mutton)	PIPO-PSME/ARPA6-CEVE
CPC614	ponderosa pine-Douglas-fir/snowberry (Mutton)	PIPO-PSME/SYMPH
CPF121	ponderosa pine/old man's whiskers-mule-ears	PIPO/GETR-WYAM
CPF131	ponderosa pine/meadow	PIPO/meadow
CPS227	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
CPS228	ponderosa pine/antelope bitterbrush-greenleaf manzanita	PIPO/PUTR2-ARPA6
CWS121	mixed conifer/snowbrush ceanothus	2TE/CEVE
CWS213	grand fir/thinleaf huckleberry	ABGR/VAME
CWS333	grand fir/snowberry	ABGR/SYMPH
CWS334	mixed conifer/snowberry/Geyer's sedge	2TE/SYMPH/CAGE2
CWS538	grand fir/vine maple	ABGR/ACCI
CWS711	grand fir/Oregon boxleaf	ABGR/PAMY
CWS712	grand fir-lodgepole pine/Oregon boxleaf/pinegrass	ABGR-PICO/PAMY/CARU
DCC512	mixed conifer/snowberry	2TE/SYMPH

Reference Code 636

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDS652	Douglas-fir/kinnikinnick	PSME/ARUV
CFC412	Alaska cedar/oval-leaf blueberry	CHNO/VAOV
CFF161	Pacific silver fir/oneleaf foamflower	ABAM/TITRU
CFF312	Pacific silver fir/common beargrass	ABAM/XETE
CFS151	Pacific silver fir/Cascade barberry	ABAM/MANE2
CFS152	Pacific silver fir/salal	ABAM/GASH
CFS216	Pacific silver fir/oval-leaf blueberry-Cascade barberry	ABAM/VAOV-MANE2
CFS241	Pacific silver fir/oval-leaf blueberry	ABAM/VAOV

NRV_PV_COVER_TYPES (CONT.)**Reference Code 636 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFS242	Pacific silver fir/oval-leaf blueberry-strawberryleaf raspberry	ABAM/VAOV-RUPE
CFS321	Pacific silver fir/devilsclub	ABAM/OPHO
CFS411	Pacific silver fir/roughfruit berry	ABAM/RULA2
CFS541	Pacific silver fir/rusty menziesia	ABAM/MEFE
CFS550	Pacific silver fir/Cascade azalea	ABAM/RHAL2
CHF125	western hemlock/western swordfern	TSHE/POMU
CHF221	western hemlock/sweet after death	TSHE/ACTR
CHS128	western hemlock/salal	TSHE/GASH
CHS514	western hemlock/devilsclub	TSHE/OPHO

Reference Code 638

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CCF221	western redcedar/bride's bonnet	THPL/CLUN2
CDG131	Douglas-fir/pinegrass	PSMA/CARU
CDS627	Douglas-fir/common snowberry	PSMA/SYAL
CDS715	Douglas-fir/mallow ninebark	PSMA/PHMA5
CHF311	western hemlock/bride's bonnet	TSHE/CLUN2
CPG121	ponderosa pine/bluebunch wheatgrass	PIPO/PSSPS
CPG122	ponderosa pine/Idaho fescue	PIPO/FEID
CPG151	Ponderosa pine/needle-and-thread	PIPO/HECOC8
CPS227	ponderosa pine/antelope bitterbrush	PIPO/PUTR2
CPS521	ponderosa pine/common snowberry	PIPO/SYAL
CWF313	grand fir/twinflower	ABGR/LIBO3

Reference Code 639

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
AB	buildings, structures, roads	
ABA1	heliport	
ABA2	runway, landing strip	
ABA9	aircraft facilities	
ABC9	campground, developed	
ABP9	parking area	
ABR8	road, boat launch area	
ABS1	rock and gravel storage area	
ABS9	open storage area	
AC	cultivated land	
AD	dump for trash, garbage, etc.	
ADG9	garbage dump	
ADL9	land fill, soil, gravel, and/or rock dump (sanitary)	
ADT9	trash dump, refuse dump	
AG	grassland, permanent pasture	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
AO	orchards	
AR	recreation areas, parks play areas, golf courses	
AX	administrative or agricultural	
CA	subalpine fir-mountain hemlock-whitebark pine (open parks)	ABLA-TSME-PIAL
CAC0	subalpine fir-mountain hemlock-whitebark pine (open parks)	ABLA-TSME-PIAL
CAC1	subalpine larch (Okanogan)	LALY
CAC111	subalpine larch/western moss heather-partridgefoot	LALY/CAME7-LUPE
CAC112	subalpine larch/eightpetal mountain-avens	LALY/DROC
CAC113	subalpine larch/common juniper	LALY/JUCO6
CAC114	subalpine larch/Cascade bilberry-western moss heather	LALY/VADE-CAME7
CAC115	subalpine larch/grouse whortleberry/Hitchcock's smooth woodrush	LALY/VASC/LUGLH
CAC2	Alaska cedar	CHNO
CAC3	lodgepole pine dominant	PICO
CAC4	whitebark pine dominant	PIAL
CAC5	subalpine fir dominant	ABLA
CAC6	mountain hemlock dominant	TSME
CAF0	subalpine fir-hemlock-whitebark pine/forb	ABLA-TSUGA-PIAL/2FORB
CAF1	common beargrass (subalpine park)	XETE
CAF2	poke knotweed (subalpine park)	POPH
CAF211	mountain hemlock-subalpine fir/Davis' knotweed	TSME-ABLA/PODA
CAF311	mountain hemlock-subalpine fir/Cascade aster	TSME-ABLA/EULEL2
CAF321	whitebark pine/eightpetal mountain-avens	PIAL/DROC
CAG0	subalpine fir-hemlock-whitebark pine/grass (open parks)	ABLA-TSUGA-PIAL/2GRAM
CAG1	sedge (subalpine park)	CAREX
CAG111	subalpine fir/Geyer's sedge	ABLA/CAGE2
CAG112	whitebark pine/pinegrass	PIAL/CARU
CAG2	greenleaf fescue (subalpine park)	FEVI
CAG211	mountain hemlock-subalpine fir/greenleaf fescue	TSME-ABLA/FEVI
CAG221	whitebark pine/greenleaf fescue	PIAL/FEVI
CAG3	woodrush (subalpine park)	LUZUL
CAG311	mountain hemlock/Hitchcock's smooth woodrush	TSME/LUGLH
CAG312	mountain hemlock-whitebark pine/Hitchcock's smooth woodrush	TSME-PIAL/LUGLH
CAG4	western needlegrass (subalpine park)	ACOCO
CARR	subalpine fir-whitebark pine (rocky)	ABLA-PIAL
CARS	subalpine fir-whitebark pine (steep, rocky)	ABLA-PIAL
CARX	subalpine fir-whitebark pine (rocky,parks, rough, steep)	ABLA-PIAL
CAS0	subalpine fir-mountain hemlock-whitebark pine/shrub (open park)	ABLA-TSME-PIAL/2SHRUB
CAS1	sagebrush (subalpine park)	ARTEM

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAS2	mountain heather-heath (subalpine park)	CASSI3-ERICA
CAS211	mountain hemlock/pink mountainheath-Cascade bilberry	TSME/PHEM-VADE
CAS221	whitebark pine/western moss heather/partridgefoot	PIAL/CAME7/LUPE
CAS3	grouse whortleberry (subalpine park)	VASC
CAS311	whitebark pine/grouse whortleberry/Hitchcock's smooth woodrush	PIAL/VASC/LUGLH
CAS4	common juniper-pinemat manzanita (subalpine park)	JUCO6/ARNE
CAS411	mountain hemlock-subalpine fir/common juniper	TSME-ABLA/JUCO6
CAS421	whitebark pine/common juniper	PIAL/JUCO6
CAXX	mountain hemlock (subalpine parks)	TSME
CC	western red cedar	THPL
CCC0	western red cedar-important conifers	THPL-2TE
CCC1	western red cedar-Pacific yew	THPL-TABR2
CCC2	western red cedar-western hemlock	THPL-TSHE
CCC211	western redcedar/Pacific rhododendron/western twinflower	THPL/RHMA/LIBOL
CCC221	western redcedar/whipplevine/threeleaf anemone	THPL/WHMO/ANDE
CCF0	western red cedar/forb	THPL/2FORB
CCF1	western red cedar/common ladyfern	THPL/ATFI
CCF110	western red cedar/common ladyfern-coastal hedgenettle	THPL/ATFI-STCHC3
CCF121	western red cedar/common ladyfern	THPL/ATFI
CCF211	western red cedar-grand fir/sweet after death	THPL-ABGR/ACTR
CCF212	western red cedar/sweet after death	THPL/ACTR
CCF221	western red cedar/bride's bonnet	THPL/CLUN2
CCF222	western red cedar/wild sarsaparilla	THPL/ARNU2
CCFA	western red cedar/bride's bonnet-low forb	THPL/CLUN2-2FORB
CCM0	western red cedar (wetlands, moist to wet soil)	THPL
CCM1	western red cedar/American skunk cabbage (wetland)	THPL/LYAM3
CCM2	western red cedar/sedge (wetland)	THPL/CAREX
CCM3	western red cedar-lodgepole pine/labrador tea	THPL-PICO/LEDUM
CCS0	western red cedar/shrub	THPL/2SHRUB
CCS1	western red cedar/salmonberry-thimbleberry	THPL/RUSP-RUPA
CCS110	western red cedar/salmonberry-woodsorrel	THPL/RUSP-OXALI
CCS2	western red cedar/devilsclub	THPL/OPHO
CCS211	western red cedar/devilsclub	THPL/OPHO
CCS221	western red cedar-grand fir/devilsclub	THPL-ABGR/OPHO
CCS3	western red cedar/Oregon boxleaf-thinleaf huckleberry	THPL/PAMY-PAMY
CCS311	western red cedar/thinleaf huckleberry	THPL/VAME
CCS321	western red cedar/Oregon boxleaf	THPL/PAMY
CCS4	western red cedar/Sitka alder	THPL/ALVIS
CCS5	western red cedar/salal-creeping barberry	THPL/GASH-MARE11
CD	Douglas-fir	PSME
CDC0	Douglas-fir with important conifers	PSME-2TE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDC1	Douglas-fir-Port Orford cedar/Pacific yew	PSME-CHLA/TABR2
CDC2	Douglas-fir-sugar pine (S.W. Oregon)	PSME-PILA
CDC3	Douglas-fir-incense cedar (S.W. Oregon, Douglas-fir infertile)	PSME-CADE27
CDC4	Douglas-fir-white fir-grand fir	PSME-ABCO-ABGR
CDC412	Douglas-fir-white fir-ponderosa pine	PSME-ABCO-PIPO
CDC431	Douglas-fir-white fir/creambush oceanspray	PSME-ABCO/HODI
CDC432	Douglas-fir-White fir/dwarf Oregon grape	PSME-ABCO/BENE
CDC5	Douglas-fir-ponderosa pine-Jeffrey pine (S. Oregon)	PSME-PIPO-PIJE
CDC511	ponderosa pine-Douglas-fir/antelope bitterbrush-snowbrush ceanothus	PIPO-PSME/PUTR2-CEVE
CDC512	ponderosa pine-Douglas-fir/snowberry	PIPO-PSME/SYMPH
CDC6	Douglas-fir-redwood	PSME-SESE3
CDC7	Douglas-fir-western hemlock	PSME-TSHE
CDC711	Douglas-fir-western hemlock/Cascade barberry	PSME-TSHE/MANE2
CDC712	Douglas-fir-western hemlock/Pacific rhododendron	PSME-TSHE/RHMA3
CDC713	Douglas-fir-western hemlock/salal	PSME-TSHE/GASH
CDF0	Douglas-fir/forb	PSME/2FORB
CDF1	Douglas-fir/common beargrass	PSME/XETE
CDF2	Douglas-fir/twinflower	PSME/LIBO3
CDF211	Douglas-fir/twinflower	PSME/LIBO3
CDF3	Douglas-fir/arnica-low forbs	PSME/ARNIC-2FORB
CDF311	Douglas-fir/heartleaf arnica	PSME/ARCO9
CDF312	Douglas-fir/sweetroot	PSME/OSMOR
CDF4	Douglas-fir/forb (medium-tall)	PSME/2FORB
CDF411	Douglas-fir/bush penstemon	PSME/PEFR3
CDF911	Douglas-fir/depauperate	PSME/DEPAUPERATE
CDG0	Douglas-fir/grass	PSME/2GRAM
CDG1	Douglas-fir/pinegrass-Geyer's sedge	PSME/CARU-CAGE2
CDG111	Douglas-fir/Geyer's sedge (Blue Mountains)	PSME/CAGE2
CDG112	Douglas-fir/pinegrass (Blue Mountains)	PSME/CARU
CDG113	Douglas-fir/pinegrass (Idaho)	PSME/CARU
CDG121	Douglas-fir/pinegrass	PSME/CARU
CDG122	Douglas-fir/pinegrass-kinnikinnick	PSME/CARU-ARUV
CDG123	Douglas-fir/kinnikinnick (Okanogan)	PSME/ARUV
CDG131	Douglas-fir/pinegrass (Okanogan and Colville)	PSME/CARU
CDG132	Douglas-fir/Geyer's sedge (Wenatchee)	PSME/CAGE2
CDG134	Douglas-fir/pinegrass-bluebunch wheatgrass	PSME/CARU-PSSPS
CDG141	Douglas-fir/Geyer's sedge	PSME/CAGE2
CDG142	Douglas-fir/Geyer's sedge (Idaho)	PSME/CAGE2
CDG2	Douglas-fir/blue wildrye	PSME/ELGL
CDG3	Douglas-fir/bunchgrass	PSME/2GRAM
CDG311	ponderosa pine-Douglas-fir/bluebunch wheatgrass	PIPO-PSME/PSSPS
CDG321	Douglas-fir/western fescue	PSME/FEOC
CDG322	Douglas-fir/bluebunch wheatgrass (Wenatchee)	PSME/PSSPS
CDG323	Douglas-fir/bluebunch wheatgrass-Indian's dream	PSME/PSSPS-ASDE6

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDG331	Douglas-fir/bluebunch wheatgrass	PSME/PSSPS
CDG332	Douglas-fir/Idaho fescue	PSME/FEID
CDG8	Douglas-fir/subalpine sedge	PSME/CAREX
CDH0	Douglas-fir-important hardwoods	PSME-2TD
CDH1	Douglas-fir/tanoak	PSME/LIDE3
CDH111	Douglas-fir-tanoak/salal	PSME-LIDE3/GASH
CDH112	Douglas-fir/Pacific rhododendron	PSME/RHMA
CDH121	Douglas-fir-tanoak-sugar pine	PSME-LIDE3-PILA
CDH131	Douglas-fir-tanoak	PSME-LIDE3
CDH141	Douglas-fir-tanoak-canyon live oak	PSME-LIDE3-QUCH
CDH142	Douglas-fir-tanoak/poison oak	PSME-LIDE3/RHDI
CDH2	Douglas-fir/Pacific madrone	PSME/ARME
CDH3	Douglas-fir/Oregon white oak	PSME/QUGA4
CDH311	Douglas-fir-Oregon white oak/poison oak	PSME-QUGA/RHDI
CDH4	Douglas-fir/bigleaf maple	PSME/ACMA3
CDH5	Douglas-fir/chinquapin-canyon live oak	PSME/CHRY15-QUCH2
CDH6	Douglas-fir/California laurel-California buckthorn	PSME/UMCA-FRCA12
CDRR	Douglas-fir (rocky)	PSME
CDRS	Douglas-fir (steep, with little ground vegetation)	PSME
CDRX	Douglas-fir (rocky, steep with little ground vegetation)	PSME
CDS0	Douglas fir/kinnikinnick	PSME/ARUV
CDS1	Douglas-fir/canyon live oak-Pacific poison oak-rose	PSME/QUCH2-TODI-ROSA5
CDS111	Douglas-fir/poison oak-Piper's Oregon grape	PSME/RHDI-BEPI
CDS112	Douglas-fir/poison oak	PSME/RHDI
CDS151	Douglas-fir/oceanspray	PSME/HODI
CDS2	Douglas-fir/oceanspray-vine maple	PSME/HODI-ACCI
CDS211	Douglas-fir/oceanspray-Cascade barberry	PSME/HODI-MANE2
CDS212	Douglas-fir/oceanspray/grass	PSME/HODI/2GRAM
CDS213	Douglas-fir/oceanspray-common whipplea	PSME/HODI-WHMO
CDS221	Douglas-fir/oceanspray-dwarf rose	PSME/HODI-ROGY
CDS231	Douglas-fir/oceanspray/Geyer's sedge	PSME/HODI/CAGE2
CDS241	Douglas-fir/vine maple/western fescue	PSME/ACCI/FEOC
CDS252	Douglas-fir/vine maple/salal	PSME/ACCI/GASH
CDS253	Douglas-fir/vine maple/Cascade barberry	PSME/ACCI/MANE2
CDS254	Douglas-fir/vine maple/common whipplea	PSME/ACCI-WHMO
CDS255	Douglas-fir/salal	PSME/GASH
CDS3	Douglas-fir/rhododendron-hazelnut-dogwood	PSME/RHODO-CORYL-CORNU
CDS311	Douglas-fir-western hemlock/California hazelnut (steep, shallow soil)	PSME-TSHE/COCOC
CDS4	Douglas-fir/ceanothus-manzanita-Oregon boxleaf	PSME/CEANO-ARCTO3-PAMY
CDS411	Douglas-fir/Oregon boxleaf (Okanogan)	PSME/PAMY
CDS412	Douglas-fir/Oregon boxleaf/pinegrass	PSME/PAMY/CARU
CDS421	Douglas-fir/buckbrush	PSME/CECU
CDS5	Douglas-fir/salal-creeping barberry	PSME/GASH-MARE11
CDS511	Douglas-fir/creeping barberry	PSME/MARE11
CDS512	Douglas-fir/dwarf Oregon grape/western sword-fern	PSME/BENE/POMU

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDS531	Douglas-fir/salal/western sword-fern	PSME/GASH/POMU
CDS6	Douglas-fir/spirea-common snowberry-kinnikinnick	PSME/SPIRA-SYAL-ARUV
CDS611	Douglas-fir/oceanspray	PIPO-PSME/HODI
CDS612	Douglas-fir-white fir/common snowberry/twinflower	PSME-ABCO/SYAL/LIBO3
CDS613	Douglas-fir-white fir/common snowberry/forb	PSME-ABCO/SYAL/2FORB
CDS614	Douglas-fir-white fir/common snowberry/pinegrass	PSME-ABCO/SYAL/CARU
CDS621	Douglas-fir/common snowberry (same as CDS633)	PSME/SYAL
CDS622	Douglas-fir/common snowberry (Wallowa)	PSME/SYAL
CDS623	Douglas-fir/mountain snowberry (Wallowa)	PSME/SYOR2
CDS624	Douglas-fir/common snowberry (Blue Mountains)	PSME/SYAL
CDS625	Douglas-fir/mountain snowberry (Blue Mountains)	PSME/SYOR2
CDS626	Douglas-fir/mountain snowberry (Idaho)	PSME/SYOR2
CDS627	Douglas-fir/common snowberry (Idaho)	PSME/SYAL
CDS628	Douglas-fir/common snowberry (floodplain)	PSME/SYAL
CDS631	Douglas-fir/kinnikinnick-antelope bitterbrush	PSME/ARUV-PUTR2
CDS632	Douglas-fir/mountain snowberry (Okanogan and Colville)	PSME/SYOR2
CDS633	Douglas-fir/common snowberry	PSME/SYAL
CDS634	Douglas-fir/white spirea	PSME/SPBE2
CDS635	Douglas-fir/white spirea (Idaho)	PSME/SPBE2
CDS636	Douglas-fir/common snowberry (Wenatchee)	PSME/SYAL
CDS637	Douglas-fir/common snowberry/bluebunch wheatgrass	PSME/SYAL/PSSPS
CDS638	Douglas-fir/common snowberry/pinegrass	PSME/SYAL/CARU
CDS639	Douglas-fir/shinyleaf spirea/pinegrass	PSME/SPBEL/CARU
CDS640	Douglas-fir/shinyleaf spirea	PSME/SPBEL
CDS641	Douglas-fir/creeping snowberry	PSME/SYMO
CDS651	Douglas-fir/kinnikinnick	PSME/ARUV
CDS652	Douglas-fir/kinnikinnick (Mt. Rainier)	PSME/ARUV
CDS653	Douglas-fir/kinnikinnick (Wenatchee)	PSME/ARUV
CDS654	Douglas-fir/kinnikinnick-antelope bitterbrush	PSME/ARUV-PUTR2
CDS655	Douglas-fir/kinnikinnick/pinegrass	PSME/ARUV/CARU
CDS661	Douglas-fir/common snowberry (Mt. Hood)	PSME/SYAL
CDS662	Douglas-fir/pinemat manzanita	PSME/ARNE
CDS671	Douglas-fir/common juniper	PSME/JUCO6
CDS672	Douglas-fir/curl-leaf mountain mahogany	PSME/CELE3
CDS673	Douglas-fir/antelope bitterbrush	PSME/PUTR2
CDS674	Douglas-fir/antelope bitterbrush/bluebunch wheatgrass	PSME/PUTR2/PSSPS
CDS675	Douglas-fir/antelope bitterbrush/pinegrass	PSME/PUTR2/CARU
CDS7	Douglas-fir/mallow ninebark	PSME/PHMA5
CDS711	Douglas-fir/mallow ninebark (Blue Mountains)	PSME/PHMA5
CDS715	Douglas-fir/mallow ninebark (Okanogan and Colville)	PSME/PHMA5
CDS716	Douglas-fir/mallow ninebark/longtube twinflower	PSME/PHMA5/LIBOL2
CDS717	Douglas-fir/mallow ninebark (Idaho)	PSME/PHMA5
CDS721	Douglas-fir/mallow ninebark (Daubenmier)	PSME/PHMA5

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDS722	Douglas-fir/Rocky Mountain maple-mallow ninebark	PSME/ACGL-PHMA5
CDS723	Douglas-fir/Rocky Mountain maple	PSME/ACGL
CDS724	Douglas-fir/Rocky Mountain maple (floodplain)	PSME/ACGL
CDS8	Douglas-fir/blueberry	PSME/VACCI
CDS811	Douglas-fir/blueberry	PSME/VACCI
CDS812	Douglas-fir/thinleaf huckleberry	PSME/VAME
CDS813	Douglas-fir/dwarf bilberry (Colville)	PSME/VACA13
CDS814	Douglas-fir/thinleaf huckleberry (Colville)	PSME/VAME
CDS815	Douglas-fir/dwarf bilberry	PSME/VACA13
CDS821	Douglas-fir/thinleaf huckleberry (Blue Mountains)	PSME/VAME
CDS822	Douglas-fir/thinleaf huckleberry	PSME/VAME
CDS831	Douglas-fir/dwarf bilberry	PSME/VACA13
CDS832	Douglas-fir/velvetleaf huckleberry (Wenatchee)	PSME/VAMY
CDS833	Douglas-fir/velvetleaf huckleberry/pinegrass	PSME/VAMY/CARU
CSDSD	Douglas-fir/shrub(dry)	PSME/2SHRUB
CE	subalpine fir-Engelmann spruce (closed forest)	ABLA-PIEN
CEC0	subalpine fir-Engelmann spruce-associated conifers	ABLA-PIEN-2TE
CEC1	subalpine fir-lodgepole pine	ABLA-PICO
CEC2	Engelmann spruce-fir	PIEN-ABIES
CEF0	subalpine fir-spruce/forbs	ABLA-PICEA/2FORB
CEF1	subalpine fir-spruce/common beargrass	ABLA-PICEA/XETE
CEF111	subalpine fir/common beargrass	ABLA/XETE
CEF2	subalpine fir-spruce/twinflower	ABLA-PICEA/LIBO3
CEF211	subalpine fir/twinflower (Okanogan and Colville)	ABLA/LIBO3
CEF221	subalpine fir/twinflower	ABLA/LIBO3
CEF222	subalpine fir/twinflower (Wenatchee)	ABLA/LIBO3
CEF231	subalpine fir/twinflower (Idaho)	ABLA/LIBO3
CEF3	subalpine fir-spruce/tall forb	ABLA-PICEA/2FORB
CEF311	subalpine fir/claspleaf twistedstalk	ABLA/STAM2
CEF321	subalpine fir/broadleaf lupine	ABLA/LULA4
CEF331	subalpine fir/Carolina bugbane (Blue Mountains)	ABLA/TRCA
CEF332	subalpine fir/common ladyfern	ABLA/ATFI
CEF333	subalpine fir/arrowleaf ragwort	ABLA/SETR
CEF334	Engelmann spruce/common ladyfern	PIEN/ATFI
CEF335	Engelmann spruce/arrowleaf ragwort	PIEN/SETR
CEF341	subalpine fir/Sitka valerian	ABLA/VASI
CEF4	subalpine fir/forb (short)	ABLA/2FORB
CEF411	subalpine fir/Jacob's-ladder	ABLA/POPU3
CEF421	subalpine fir/bride's bonnet (Rocky Mountains)	ABLA/CLUN2
CEF422	subalpine fir/Carolina bugbane	ABLA/TRCA
CEF423	subalpine fir/bunchberry dogwood	ABLA/COCA13
CEF424	subalpine fir/broadleaf arnica-Jacob's-ladder	ABLA/ARLA8-POPU3
CEF431	subalpine fir/hypnum moss	ABLA/HYPAP
CEF432	subalpine fir/Howell's marsh marigold	ABLA/CALEH2
CEF433	subalpine fir/claspleaf twistedstalk (Rocky Mountains)	ABLA/STAM2
CEF434	subalpine fir/Oregon goldthread	ABLA/COLA3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CEF435	subalpine fir/heartleaf arnica	ABLA/ARCO9
CEFM	subalpine fir/forb (mesic)	ABLA/2FORB
CEFW	subalpine fir/forb (wet)	ABLA/2FORB
CEG0	subalpine fir-spruce/grass	ABLA-PICEA/2GRAM
CEG1	subalpine fir-spruce/woodrush	ABLA-PICEA/LUZUL
CEG111	subalpine fir/Hitchcock's smooth woodrush	ABLA/LUGLH
CEG121	subalpine fir/Hitchcock's smooth woodrush (Wenatchee)	ABLA/LUGLH
CEG2	subalpine fir-spruce/sedge	ABLA-PICEA/CAREX
CEG211	subalpine fir/Geyer's sedge	ABLA/CAGE2
CEG3	subalpine fir-spruce/grass	ABLA-PICEA/2GRAM
CEG310	subalpine fir/pinegrass (Wenatchee)	ABLA/CARU
CEG311	subalpine fir/pinegrass (Okanogan and Colville)	ABLA/CARU
CEG312	subalpine fir/pinegrass	ABLA/CARU
CEG321	subalpine fir/pinegrass (Idaho)	ABLA/CARU
CEG322	subalpine fir/bluejoint	ABLA/CACA4
CEM0	subalpine fir-Engelmann spruce (wetlands)	ABLA-PIEN
CEM1	subalpine fir-Engelmann spruce/grass-sedge (wetlands)	ABLA-PIEN/2GRAM-CAREX
CEM111	Engelmann spruce/widefruit sedge	PIEN/CAAN15
CEM121	Engelmann spruce/softleaf sedge	PIEN/CADI6
CEM2	subalpine fir-Engelmann spruce/forb (wetlands)	ABLA-PIEN/2FORB
CEM211	Engelmann spruce/field horsetail	PIEN/EQAR
CEM212	Engelmann spruce/field horsetail (Idaho)	PIEN/EQAR
CEM213	Engelmann spruce/fragrant bedstraw	PIEN/GATR3
CEM221	Engelmann spruce/field horsetail-twistedstalk	PIEN/EQAR-STREP3
CEM222	Engelmann spruce/bride's bonnet	PIEN/CLUN2
CEM3	subalpine fir-Engelmann spruce/shrub (short, wetlands)	ABLA-PIEN/2SHRUB
CEM311	Engelmann spruce/bog blueberry/forb	PIEN/VAUL/2FORB
CEM312	Engelmann spruce/bog blueberry/widefruit sedge	PIEN/VAUL/CAAN15
CERR	subalpine fir (rocky with little ground vegetation)	ABLA
CERS	subalpine fir (steep with little ground vegetation)	ABLA
CERX	subalpine fir (rocky, steep with little ground vegetation)	ABLA
CES0	subalpine fir-spruce/shrub	ABLA-PICEA/2SHRUB
CES1	subalpine fir-spruce/Oregon boxleaf	ABLA-PICEA/PAMY
CES111	subalpine fir/Oregon boxleaf (Okanogan)	ABLA/PAMY
CES112	subalpine fir/Oregon boxleaf/pinegrass	ABLA/PAMY/CARU
CES113	subalpine fir/Oregon boxleaf (Wenatchee)	ABLA/PAMY
CES121	subalpine fir/Oregon boxleaf (Daubenmeir)	ABLA/PAMY
CES131	subalpine fir/bride's bonnet	ABLA/CLUN2
CES141	subalpine fir/Douglas maple	ABLA/ACGLD4
CES142	subalpine fir/Sitka alder	ABLA/ALVIS
CES143	subalpine fir/white spirea	ABLA/SPBE2
CES2	subalpine fir-spruce/rusty menziesia-rhododendron	ABLA-PICEA/MEFE-RHODO

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CES210	subalpine fir/Cascade azalea/common beargrass	ABLA/RHAL2/XETE
CES211	subalpine fir/Cascade azalea	ABLA/RHAL2
CES212	subalpine fir/Cascade azalea (Olympic)	ABLA/RHAL2
CES213	subalpine fir/Cascade azalea/Hitchcock's smooth woodrush	ABLA/RHAL2/LUGLH
CES221	subalpine fir/rusty menziesia	ABLA/MEFE
CES231	subalpine fir/rusty menziesia (Idaho)	ABLA/MEFE
CES232	subalpine fir/gooseberry currant	ABLA/RIMO2
CES3	subalpine fir-spruce/thinleaf huckleberry	ABLA-PICEA/VAME
CES311	subalpine fir/thinleaf huckleberry (Blue Mountains)	ABLA/VAME
CES312	subalpine fir/blueberry	ABLA/VACCI
CES313	subalpine fir/thinleaf huckleberry (Colville)	ABLA/VAME
CES314	subalpine fir/bride's bonnet (Blue Mountains)	ABLA/CLUN2
CES315	subalpine fir/thinleaf huckleberry (Wallowa)	ABLA/VAME
CES321	subalpine fir/thinleaf huckleberry (Olympic)	ABLA/VAME
CES331	subalpine fir/thinleaf huckleberry	ABLA/VAME
CES341	subalpine fir/Cascade bilberry	ABLA/VADE
CES342	subalpine fir/thinleaf huckleberry (Wenatchee)	ABLA/VAME
CES4	subalpine fir-spruce/grouse whortleberry-pinemat manzanita	ABLA-PICEA/VASC-ARNE
CES411	subalpine fir/grouse whortleberry (Blue Mountains)	ABLA/VASC
CES412	subalpine fir/grouse whortleberry (Okanogan and Colville)	ABLA/VASC
CES413	subalpine fir/grouse whortleberry/pinegrass (Okanogan)	ABLA/VASC/CARU
CES414	subalpine fir/twinflower	ABLA/LIBO3
CES415	subalpine fir/grouse whortleberry/Jacob's-ladder	ABLA/VASC/POPU3
CES421	subalpine fir/grouse whortleberry (Daubenmeir)	ABLA/VASC
CES422	subalpine fir/dwarf bilberry	ABLA/VACA13
CES423	subalpine fir/roughfruit berry	ABLA/RULA2
CES424	subalpine fir/grouse whortleberry/broadleaf arnica	ABLA/VASC/ARLA8
CES425	subalpine fir/grouse whortleberry/Hitchcock's smooth woodrush	ABLA/VASC/LUGLH
CES426	subalpine fir/grouse whortleberry (Wenatchee)	ABLA/VASC
CES5	subalpine fir/snowberry-dogwood	ABLA/SYMPH-CORNU
CES511	Engelmann spruce/redosier dogwood	PIEN/COSES
CES6	subalpine fir-spruce/mountainheath-laborador tea	ABLA-PICEA/PHYLL3-LEDUM
CES611	subalpine fir/pink mountainheath	ABLA/PHEM
CES621	subalpine fir/common juniper	ABLA/JUCO6
CES631	subalpine fir/common juniper (Idaho)	ABLA/JUOC6
CES7	subalpine fir-spruce/devilsclub	ABLA-PICEA/OPHO
CEX104	Malheur (04) 2A: slope less 30%	
CEX204	Malheur (04) 2B: slope 30-70%	
CF	Pacific silver fir-noble fir	ABAM-ABPR
CFC0	Pacific silver fir-noble fir-associated conifers	ABAM-ABPR-2TE
CFC1	Pacific silver fir-mountain hemlock	ABAM-TSME

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFC151	Pacific silver fir-mountain hemlock/common beargrass	ABAM-TSME/XETE
CFC2	Pacific silver fir-western hemlock	ABAM-TSHE
CFC251	Pacific silver fir-western hemlock/Pacific rhododendron-salal	ABAM-TSHE/RHMA3-GASH
CFC261	Pacific silver fir-western hemlock/queen's cup	ABAM-TSHE/CLUN
CFC3	Pacific silver fir-white fir-grand fir	ABAM-ABCO-ABGR
CFC311	Pacific silver fir-grand fir/starry false lily of the valley	ABAM-ABGR/MAST4
CFC4	Pacific silver fir-Alaska cedar (Alaska cedar dominant)	ABAM-CHNO
CFC411	Pacific silver fir-Alaska cedar/oval-leaf blueberry	ABAM-CHNO/VAOV
CFC412	Alaska cedar/oval-leaf blueberry	CHNO/VAOV
CFF0	Pacific silver fir-noble fir/forbs	ABAM-ABPR/2FORB
CFF1	Pacific silver fir-noble fir/woodsorrel-twistedstalk-foamflower-bluebead	ABAM-ABPR/OXALI-STREP3-TIARE-CLINT
CFF111	Pacific silver fir/redwood-sorrel (Olympic)	ABAM/OXOR
CFF141	Pacific silver fir/bride's bonnet (Warm Springs)	ABAM/CLUN2
CFF151	Pacific silver fir/bride's bonnet	ABAM/CLUN2
CFF152	Pacific silver fir/oneleaf foamflower	ABAM/TITRU
CFF153	Pacific silver fir/redwood-sorrel	ABAM/OXOR
CFF154	Pacific silver fir/oneleaf foamflower-twistedstalk	ABAM/TITRU-STLAR
CFF161	Pacific silver fir/oneleaf foamflower	ABAM/TITRU
CFF162	Pacific silver fir/oneleaf foamflower	ABAM/TITRU
CFF2	Pacific silver fir-noble fir/sweet after death	ABAM-ABPR/ACTR
CFF211	Pacific silver fir/sweet after death-oneleaf foamflower	ABAM/ACTR-TITRU
CFF250	Pacific silver fir/sweet after death (Mt. Baker-Snoqualmie)	ABAM/ACTR
CFF251	noble fir/sweet after death	ABPR/ACTR
CFF252	Pacific silver fir/sweet after death	ABAM/ACTR
CFF253	Pacific silver fir/sweet after death-bride's bonnet	ABAM/ACTR-CLUN2
CFF254	Pacific silver fir/sweet after death (Wenatchee)	ABAM/ACTR
CFF3	Pacific silver fir-noble fir/common beargrass	ABAM-ABPR/XETE
CFF311	Pacific silver fir/common beargrass (Olympic)	ABAM/XETE
CFF312	Pacific silver fir/common beargrass (Mt. Baker)	ABAM/XETE
CFF321	Pacific silver fir/common beargrass (Warm Springs)	ABAM/XETE
CFF4	Pacific silver fir-noble fir/blue windflower-wildginger-wintergreen	ABAM-ABPR/ANOR-ASARU-PYROL
CFF450	Pacific silver fir/strawberryleaf raspberry-deer fern	ABAM/RUPE-BLSP
CFF5	Pacific silver fir-noble fir/twinflower	ABAM-ABPR/LIBO3
CFF6	Pacific silver fir-noble fir/western swordfern	ABAM-ABPR/POMU
CFF611	Pacific silver fir/western swordfern	ABAM/POMU
CFF612	Pacific silver fir/western swordfern-redwood-sorrel	ABAM/POMU-OXOR
CFF911	Pacific silver fir (depauperate)	ABAM
CFFM	Pacific silver fir/forb (mesic)	ABAM/2FORB
CFFS	Pacific silver fir/forb-shrub	ABAM/2FORB-2SHRUB
CFG0	Pacific silver fir/grass	ABAM/2GRAM
CFM0	Pacific silver fir-noble fir (wetlands)	ABAM-ABPR
CFM1	Pacific silver fir-noble fir/American skunkcabbage	ABAM-ABPR/LYAM3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFM111	Pacific silver fir/American skunkcabbage	ABAM/LYAM3
CFRR	Pacific silver fir-noble fir (rocky, little ground vegetation)	ABAM-ABPR
CFRS	Pacific silver fir-noble fir (steep, little ground vegetation)	ABAM-ABPR
CFRX	Pacific silver fir-noble fir (rocky, steep with scant ground vegetation)	ABAM-ABPR
CFS0	Pacific silver fir-noble fir/shrub	ABAM-ABPR/2SHRUB
CFS1	Pacific silver fir-noble fir/Cascade barberry-salal	ABAM-ABPR/MANE2-GASH
CFS110	Pacific silver fir/Cascade barberry (Mt. Baker-Snoqualamie)	ABAM/MANE2
CFS151	Pacific silver fir/Cascade barberry	ABAM/MANE2
CFS152	Pacific silver fir/salal (Gifford Pinchot)	ABAM/GASH
CFS154	Pacific silver fir/salal-Cascade barberry	ABAM/GASH-MANE2
CFS155	Pacific silver fir/salal/deer fern	ABAM/GASH/BLSP
CFS156	Pacific silver fir/salal/redwood-sorrel	ABAM/GASH/OXOR
CFS2	Pacific silver fir-noble fir/thinleaf huckleberry-rusty menziesia-Oregon boxleaf	ABAM-ABPR/VAME-MEFE-PAMY
CFS211	Pacific silver fir/thinleaf huckleberry/common beargrass (Olympic)	ABAM/VAME/XETE
CFS212	Pacific silver fir/oval-leaf blueberry (Olympic)	ABAM/VAOV
CFS213	Pacific silver fir/oval-leaf blueberry/white avalanche-lily	ABAM/VAOV/ERM08
CFS214	Pacific silver fir/oval-leaf blueberry/common beargrass (Olympic)	ABAM/VAOV/XETE
CFS215	Pacific silver fir/oval-leaf blueberry/oneleaf foamflower	ABAM/VAOV/TITRU
CFS216	Pacific silver fir/oval-leaf blueberry-Cascade barberry	ABAM/VAOV-MANE2
CFS217	Pacific silver fir/oval-leaf blueberry/redwood-sorrel	ABAM/VAOV/OXOR
CFS218	Pacific silver fir/oval-leaf blueberry/bride's bonnet (Olympic)	ABAM/VAOV/CLUN2
CFS219	Pacific silver fir/oval-leaf blueberry/twinflower	ABAM/VAOV/LIBO3
CFS220	Pacific silver fir/oval-leaf blueberry-Cascade azalea	ABAM/VAOV-RHAL2
CFS221	Pacific silver fir/thinleaf huckleberry/Sitka valerian	ABAM/VAME/VASI
CFS222	Pacific silver fir/thinleaf huckleberry/twistedstalk	ABAM/VAME/STLAR
CFS223	Pacific silver fir/thinleaf huckleberry-oval-leaf blueberry	ABAM/VAME-VAOV
CFS224	Pacific silver fir/thinleaf huckleberry	ABAM/VAME
CFS225	Pacific silver fir/oval-leaf blueberry/false lily of the vally	ABAM/VAOV/MADI
CFS226	Pacific silver fir/oval-leaf blueberry/oneleaf foamflower (Mt. Baker-Snoqualmie)	ABAM/VAOV/TITRU
CFS228	Pacific silver fir/oval-leaf blueberry/sidebells wintergreen	ABAM/VAOV/ORSE
CFS229	Pacific silver fir/thinleaf huckleberry/sidebells wintergreen	ABAM/VAME/ORSE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFS230	Pacific silver fir/oval-leaf blueberry-salal (Mt. Baker-Snoqualmie)	ABAM/VAOV-GASH
CFS231	Pacific silver fir/oval-leaf blueberry/western swordfern	ABAM/VAOV/POMU
CFS232	Pacific silver fir/oval-leaf blueberry (Wenatchee)	ABAM/VAOV
CFS233	Pacific silver fir/thinleaf huckleberry/bride's bonnet (Wenatchee)	ABAM/VAME/CLUN2
CFS234	Pacific silver fir/thinleaf huckleberry-sidebells wintergreen	ABAM/VAME-ORSE
CFS241	Pacific silver fir/oval-leaf blueberry (Mt. Rainier)	ABAM/VAOV
CFS242	Pacific silver fir/oval-leaf blueberry-strawberryleaf raspberry	ABAM/VAOV-RUPE
CFS251	Pacific silver fir/thinleaf huckleberry/common beargrass	ABAM/VAME/XETE
CFS252	Pacific silver fir/thinleaf huckleberry/common beargrass (Mt. Baker-Snoqualmie)	ABAM/VAME/XETE
CFS253	Pacific silver fir/oval-leaf blueberry/bunchberry dogwood	ABAM/VAOV/COCA13
CFS254	Pacific silver fir/rusty menziesia	ABAM/MEFE
CFS255	Pacific silver fir/oval-leaf blueberry-salal	ABAM/VAOV-GASH
CFS256	Pacific silver fir/thinleaf huckleberry/bride's bonnet	ABAM/VAME/CLUN2
CFS257	Pacific silver fir/oval-leaf blueberry	ABAM/VAOV
CFS258	Pacific silver fir/oval-leaf blueberry (Mt. Baker-Snoqualmie)	ABAM/VAOV
CFS259	Pacific silver fir/oval-leaf blueberry/common beargrass (Mt. Baker-Snoqualmie)	ABAM/VAOV/XETE
CFS260	Pacific silver fir/oval-leaf blueberry/bride's bonnet (Mt. Baker-Snoqualmie)	ABAM/VAOV/CLUN2
CFS3	Pacific silver fir-noble fir/devilsclub	ABAM-ABPR/OPHO
CFS311	Pacific silver fir/devilsclub (Olympic)	ABAM/OPHO
CFS321	Pacific silver fir/devilsclub (Mt. Rainier)	ABAM/OPHO
CFS351	Pacific silver fir/devilsclub	ABAM/OPHO
CFS352	Pacific silver fir/devilsclub-oval-leaf blueberry	ABAM/OPHO-VAOV
CFS4	Pacific silver fir-noble fir/grouse whortleberry	ABAM-ABPR/VASC
CFS411	Pacific silver fir/roughfruit berry	ABAM/RULA2
CFS412	Pacific silver fir/white avalanche-lily	ABAM/ERM08
CFS413	Pacific silver fir/roughfruit berry (Wenatchee)	ABAM/RULA2
CFS5	Pacific silver fir-noble fir/Cascade azalea	ABAM-ABPR/RHAL2
CFS541	Pacific silver fir/rusty menziesia	ABAM/MEFE
CFS542	Pacific silver fir/rusty menziesia (Wenatchee)	ABAM/MEFE
CFS550	Pacific silver fir/Cascade azalea (Gifford Pinchot)	ABAM/RHAL2
CFS551	Pacific silver fir/Cascade azalea/common beargrass	ABAM/RHAL2/XETE
CFS552	Pacific silver fir/Cascade azalea/bride's bonnet	ABAM/RHAL2/CLUN2
CFS553	Pacific silver fir/Cascade azalea (Okanogan)	ABAM/RHAL2
CFS554	Pacific silver fir/Cascade azalea-thinleaf huckleberry	ABAM/RHAL2-VAME
CFS555	Pacific silver fir/Cascade azalea-oval-leaf blueberry	ABAM/RHAL2-VAOV

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFS556	Pacific silver fir/Cascade azalea-thinleaf huckleberry (Wenatchee)	ABAM/RHAL2-VAME
CFS558	Pacific silver fir/Oregon boxleaf	ABAM/PAMY
CFS6	Pacific silver fir-noble fir/Pacific rhododendron-vine maple	ABAM-ABPR/RHMA3-ACCI
CFS611	Pacific silver fir/Pacific rhododendron (Olympic)	ABAM/RHMA3
CFS612	Pacific silver fir/Pacific rhododendron-oval-leaf blueberry	ABAM/RHMA3-VAOV
CFS621	Pacific silver fir/vine maple	ABAM/ACCI
CFS641	Pacific silver fir/vine maple/foamflower	ABAM/ACCI/TITR
CFS651	Pacific silver fir/vine maple/oneleaf foamflower	ABAM/ACCI/TITRU
CFS652	Pacific silver fir/Pacific rhododendron-Cascade barberry	ABAM/RHMA3-MANE2
CFS653	Pacific silver fir/Pacific rhododendron/common beargrass	ABAM/RHMA3/XETE
CFS654	Pacific silver fir/Pacific rhododendron-oval-leaf blueberry/bunchberry dogwood	ABAM/RHMA3-VAOV/COCA13
CFSC	Pacific silver fir/shrub (cool)	ABAM/2SHRUB
CFSD	Pacific silver fir/shrub (dry)	ABAM/2SHRUB
CFSF	Pacific silver fir/shrub-forb (coastal)	ABAM/2SHRUB-2FORB
CFSM	Pacific silver fir/shrub (mesic)	ABAM/2SHRUB
CH	western hemlock	TSHE
CHC0	western hemlock-important conifers	TSHE-2TE
CHC1	western hemlock-Port Orford cedar	TSHE/CHLA
CHC111	western hemlock-Port-Orford cedar	TSHE-CHLA
CHC2	western hemlock-Douglas-fir/shrub (dry)	TSHE-PSME/2SHRUB
CHC211	western hemlock-Douglas-fir/beaked hazelnut (steep, shallow soil, Willamette)	TSHE-PSME/COCO6
CHC212	western hemlock-Douglas-fir/oceanspray	TSHE-PSME/HODI
CHC213	western hemlock-Douglas-fir-Pacific madrone	TSHE-PSME-ARME
CHC3	western hemlock-white fir-grand fir	TSHE-ABCO-ABGR
CHC311	western hemlock-grand fir/bride's bonnet	TSHE-ABGR/CLUN2
CHC341	western hemlock/dwarf Oregon grape/vanillaleaf (SWO)	TSHE/BENE/ACTR (SWO)
CHC4	western hemlock-western red cedar	TSHE-THPL
CHC412	western hemlock-Douglas-fir/salal	TSHE-PSME/GASH
CHC422	western hemlock/vine maple-snow bramble	TSHE/ACCI-RUNI
CHC441	western hemlock-bigleaf maple/western sword-fern	TSHE-ACMA/POMU
CHC442	western hemlock-western redcedar/Oregon oxalis	TSHE-THPL/OXOR
CHC461	western hemlock-western redcedar	TSHE-THPL
CHC5	western hemlock-Pacific silver fir	TSHE/ABAM
CHC551	western hemlock-Pacific silver fir/Pacific rhododendron-Cascade barberry	TSHE-ABAM/RHMA3-MANE2
CHC552	western hemlock-Pacific silver fir/Pacific rhododendron/twinflower	TSHE-ABAM/RHMA3/LIBO3
CHC553	western hemlock-Pacific silver fir/twinflower	TSHE-ABAM/LIBO3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHC554	western hemlock-Pacific silver fir/thin-leaved huckleberry	TSHE-ABAM/VAME
CHC6	western hemlock-incense cedar	TSHE-CADE27
CHC611	western hemlock-white fir	TSHE-ABCO
CHC612	western hemlock-white fir/Pacific rhododendron	TSHE-ABCO/RHMA
CHC613	western hemlock-incense cedar/salal	TSHE-CADE3/GASH
CHC911	western hemlock/thin-leaved huckleberry/western twinflower	TSHE/VAME/LIBOL
CHC921	western hemlock-Pacific yew/Pacific rhododendron	TSHE-TABR/RHMA
CHF0	western hemlock/forbs	TSHE/2FORB
CHF1	western hemlock/western swordfern/redwood-sorrel	TSHE/POMU/OXOR
CHF111	western hemlock/redwood-sorrel (Willamette)	TSHE/OXOR
CHF112	western hemlock/redwood-sorrel (Olympic)	TSHE/OXOR
CHF121	western hemlock/redwood-sorrel (coastal)	TSHE/OXOR
CHF122	western hemlock/western swordfern (coastal)	TSHE/POMU
CHF123	western hemlock/western swordfern (Mt. Hood)	TSHE/POMU
CHF124	western hemlock/western swordfern-redwood-sorrel	TSHE/POMU-OXOR
CHF125	western hemlock/western swordfern (Gifford Pinchot)	TSHE/POMU
CHF131	western hemlock/western swordfern-redwood-sorrel (Olympic)	TSHE/POMU-OXOR
CHF132	western hemlock/western swordfern-threeleaf foamflower (Olympic)	TSHE/POMU-TITR
CHF133	western hemlock/western swordfern-salal	TSHE/POMU-GASH
CHF134	western hemlock/western swordfern-Cascade barberry	TSHE/POMU-MANE2
CHF135	western hemlock/western swordfern-threeleaf foamflower (Mt. Baker-Snoqualmie)	TSHE/POMU-TITR
CHF151	western hemlock/western swordfern (Willamette)	TSHE/POMU
CHF2	western hemlock/sweet after death-threeleaf foamflower (dry)	TSHE/ACTR-TITR
CHF211	western hemlock/sweet after death (Olympic)	TSHE/ACTR
CHF221	western hemlock/sweet after death	TSHE/ACTR
CHF222	western hemlock/threeleaf foamflower	TSHE/TITR
CHF223	western hemlock/sweet after death (Wenatchee)	TSHE/ACTR
CHF250	western hemlock/threeleaf foamflower-western oakfern	TSHE/TITR-GYDR
CHF3	western hemlock/bride's bonnet-twinflower (mesic)	TSHE/CLUN2-LIBO3
CHF311	western hemlock/bride's bonnet	TSHE/CLUN2
CHF312	western hemlock/wild sarsaparilla	TSHE/ARNU2
CHF313	western hemlock/British Columbia wildginger	TSHE/ASCA2
CHF321	western hemlock/twinflower	TSHE/LIBO3
CHF4	western hemlock/fern	TSHE/2FERN
CHF421	western hemlock/common ladyfern	TSHE/ATFI
CHF422	western hemlock/Pacific oakfern	TSHE/GYDI2
CHF5	western hemlock/common beargrass	TSHE/XETE
CHF511	western hemlock/common beargrass (Olympic)	TSHE/XETE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHF521	western hemlock/common beargrass (Colville)	TSHE/XETE
CHF531	western hemlock/common beargrass (Warm Springs)	TSHE/XETE
CHF911	western hemlock/depauperate	TSHE
CHH0	western hemlock-important hardwoods	TSHE-2TD
CHH1	western hemlock/tanoak-California laurel	TSHE/LIDE3-UMCA
CHH111	western hemlock-California laurel	TSHE-UMCA
CHH2	western hemlock/bigleaf maple	TSHE/ACMA3
CHH3	western hemlock/giant chinquapin	TSHE/CHCHC4
CHH351	western hemlock/giant chinquapin	TSHE/CHCHC4
CHH4	western hemlock/alder	TSHE/ALNUS
CHH5	western hemlock/oak	TSHE/QUERC
CHM0	western hemlock (wetlands, moist to wet soil)	TSHE
CHM1	western hemlock/American skunkcabbage (wetlands)	TSHE/LYAM3
CHM111	western hemlock/American skunkcabbage (Olympic)	TSHE/LYAM3
CHM121	western hemlock/American skunkcabbage	TSHE/LYAM3
CHS0	western hemlock/shrub	TSHE/2SHRUB
CHS1	western hemlock/salal-Cascade barberry	TSHE/GASH-MANE2
CHS111	western hemlock/salal (Willamette)	TSHE/GASH
CHS112	western hemlock/Pursh's buckthorn/salal (flat deep soil)	TSHE/FRPU7/GASH
CHS113	western hemlock/Cascade barberry/redwood-sorrel	TSHE/MANE2/OXOR
CHS114	western hemlock/Cascade barberry/sweet after death	TSHE/MANE2/ACTR
CHS121	western hemlock/Cascade barberry (coastal)	TSHE/MANE2
CHS122	western hemlock/Cascade barberry-salal (coastal)	TSHE/MANE2-GASH
CHS123	western hemlock/salal (coastal)	TSHE/GASH
CHS124	western hemlock/Cascade barberry-salal	TSHE/MANE2-GASH
CHS125	western hemlock/Cascade barberry	TSHE/MANE2
CHS126	western hemlock/Cascade barberry/western swordfern	TSHE/MANE2/POMU
CHS127	western hemlock/Cascade barberry-salal (Gifford Pinchot)	TSHE/MANE2-GASH
CHS128	western hemlock/salal (Gifford Pinchot)	TSHE/GASH
CHS129	western hemlock/salal (Mt. Baker-Snoqualmie)	TSHE/GASH
CHS130	western hemlock/Cascade barberry (Mt. Baker-Snoqualmie)	TSHE/MANE2
CHS131	western hemlock/salal (SWO)	TSHE/GASH (SWO)
CHS132	western hemlock/salal/common beargrass	TSHE/GASH/XETE
CHS133	western hemlock/salal-California huckleberry	TSHE/GASH-VAOV2
CHS134	western hemlock/salal-oceanspray	TSHE/GASH-HODI
CHS135	western hemlock/salal-Cascade barberry	TSHE/GASH-MANE2
CHS136	western hemlock/salal/redwood-sorrel	TSHE/GASH/OXOR
CHS137	western hemlock/salal/western swordfern	TSHE/GASH/POMU
CHS138	western hemlock/Cascade barberry (Olympic)	TSHE/MANE2
CHS139	western hemlock/Cascade barberry/western swordfern (Olympic)	TSHE/MANE2/POMU
CHS140	western hemlock/salal-thinleaf huckleberry	TSHE/GASH-VAME

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHS141	western hemlock/Cascade barberry/little prince's pine	TSHE/MANE2/CHME
CHS142	western hemlock/Cascade barberry (Wenatchee)	TSHE/MANE2
CHS143	western hemlock/Oregon boxleaf/bride's bonnet	TSHE/PAMY/CLUN2
CHS144	western hemlock/pinemat manzanita	TSHE/ARNE
CHS2	western hemlock/vine maple	TSHE/ACCI
CHS211	western hemlock/vine maple (Warm Springs)	TSHE/ACCI
CHS221	western hemlock/vine maple-salal (coastal)	TSHE/ACCI-GASH
CHS222	western hemlock/vine maple/western swordfern (coast)	TSHE/ACCI/POMU
CHS223	western hemlock/vine maple/sweet after death	TSHE/ACCI/ACTR
CHS224	western hemlock/Pacific dogwood/sweet after death	TSHE/CONU4/ACTR
CHS225	western hemlock/vine maple/sweet after death (Wenatchee)	TSHE/ACCI/ACTR
CHS226	western hemlock/vine maple/British Columbia wildginger	TSHE/ACCI/ASCA2
CHS227	western hemlock/vine maple/bride's bonnet	TSHE/ACCI/CLUN2
CHS251	western hemlock/vine maple-Cascade barberry	TSHE/ACCI-MANE2
CHS261	western hemlock-red alder/western sword-fern	TSHE-ALRU/POMU
CHS271	western hemlock/Douglas maple/western twinflower	TSHE/ACGL/LIBOL
CHS3	western hemlock/Pacific rhododendron	TSHE/RHMA3
CHS311	western hemlock-Pacific silver fir/Pacific rhododendron (rolling, deep, Willamette)	TSHE-ABAM/RHMA3
CHS312	western hemlock/Pacific rhododendron-vine maple (steep, deep, Willamette)	TSHE/RHMA3-ACCI
CHS313	western hemlock/vine maple-Pacific rhododendron (unstable, Willamette)	TSHE/ACCI-RHMA3
CHS321	western hemlock/Pacific rhododendron-Cascade barberry (coast)	TSHE/RHMA3-MANE2
CHS322	western hemlock/Pacific rhododendron-salal (coast)	TSHE/RHMA3-GASH
CHS323	western hemlock/Pacific rhododendron/western swordfern (coast)	TSHE/RHMA3/POMU
CHS324	western hemlock/Pacific rhododendron-California huckleberry (coast)	TSHE/RHMA3-VAOV2
CHS325	western hemlock/Pacific rhododendron/common beargrass (Mt. Hood)	TSHE/RHMA3/XETE
CHS326	western hemlock/Pacific rhododendron-oval-leaf blueberry/bunchberry dogwood	TSHE/RHMA3-VAOV/COCA13
CHS327	western hemlock/Pacific rhododendron-salal (Mt. Hood)	TSHE/RHMA3-GASH
CHS328	western hemlock/Pacific rhododendron-Cascade barberry (Mt. Hood)	TSHE/RHMA3-MANE2
CHS329	western hemlock/Pacific rhododendron (Warm Springs)	TSHE/RHMA3
CHS331	western hemlock/Pacific rhododendron (SWO)	TSHE/RHMA (SWO)
CHS332	western hemlock/Pacific rhododendron/common beargrass (Olympic)	TSHE/RHMA3/XETE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHS333	western hemlock/Pacific rhododendron-Cascade barberry (Olympic)	TSHE/RHMA3-MANE2
CHS334	western hemlock/Pacific rhododendron-salal (Olympic)	TSHE/RHMA3-GASH
CHS335	western hemlock/Pacific rhododendron/western swordfern (Olympic)	TSHE/RHMA3/POMU
CHS631	western hemlock/vine maple/Oregon oxalis	TSHE/ACCI/OXOR
CHS351	western hemlock/Pacific rhododendron-salal (Willamette)	TSHE/RHMA3-GASH
CHS352	western hemlock/Pacific rhododendron-Cascade barberry (Willamette)	TSHE/RHMA3-MANE2
CHS353	western hemlock/Pacific rhododendron/common beargrass (Willamette)	TSHE/RHMA3/XETE
CHS354	western hemlock/Pacific rhododendron/redwood-sorrel	TSHE/RHMA3/OXOR
CHS355	western hemlock/Pacific rhododendron/twinflower	TSHE/RHMA3/LIBO3
CHS4	western hemlock/thimbleberry-salmonberry (mesic)	TSHE/RUPA-RUSP
CHS411	western hemlock/strawberryleaf raspberry	TSHE/RUPE
CHS421	western hemlock/salmonberry (coastal)	TSHE/RUSP
CHS422	western hemlock/salmonberry-vine maple (coast)	TSHE/RUSP-ACCI
CHS423	western hemlock/salmonberry-salal (coastal)	TSHE/RUSP-GASH
CHS5	western hemlock/devilsclub	TSHE/OPHO
CHS511	western hemlock/devilsclub (Willamette)	TSHE/OPHO
CHS512	western hemlock/devilsclub (Olympic)	TSHE/OPHO
CHS513	western hemlock/devilsclub-common ladyfern	TSHE/OPHO-ATFI
CHS514	western hemlock/devilsclub (Mt. Rainier)	TSHE/OPHO
CHS521	western hemlock/devilsclub (coastal)	TSHE/OPHO
CHS522	western hemlock/devilsclub/redwood-sorrel	TSHE/OPHO/OXOR
CHS523	western hemlock/devilsclub/starry false lily of the vally	TSHE/OPHO/MAST4
CHS524	western hemlock/devilsclub/western swordfern	TSHE/OPHO/POMU
CHS6	western hemlockthinleaf huckleberry	TSHE/VAME
CHS610	western hemlock/California huckleberry (coastal)	TSHE/VAOV2
CHS611	western hemlock/oval-leaf blueberry devilsclub	TSHE/VAOV-OPHO
CHS612	western hemlock/thinleaf huckleberry/common beargrass	TSHE/VAME/XETE
CHS613	western hemlock/oval-leaf blueberry/redwood-sorrel	TSHE/VAOV/OXOR
CHS614	western hemlock/oval-leaf blueberry-salal	TSHE/VAOV-GASH
CHS615	western hemlock/oval-leaf blueberry/bunchberry dogwood	TSHE/VAOV/COCA13
CHS621	western hemlock/oval-leaf blueberry	TSHE/VAOV
CHS622	western hemlock/oval-leaf blueberry/common beargrass	TSHE/VAOV/XETE
CHS623	western hemlock/oval-leaf blueberry/redwood-sorrel (Olympic)	TSHE/VAOV/OXOR
CHS624	western hemlock/oval-leaf blueberry-salal (Olympic)	TSHE/VAOV-GASH

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHS625	western hemlock/oval-leaf blueberry-western swordfern	TSHE/VAOV-POMU
CHS626	western hemlock/oval-leaf blueberry-Cascade barberry	TSHE/VAOV-MANE2
CHS7	western hemlock/rhododendron-rusty menziesia-buffaloberry	TSHE/RHODO-MEFE-SHEPH
CHS711	western hemlock/rusty menziesia	TSHE/MEFE
CHS8	western hemlock/oak, chapparal	TSHE/QUERC
CHSC	western hemlock/Pacific rhododendron (cool)	TSHE/RHMA3
CHSD	western hemlock/salal-Cascade barberry (dry)	TSHE/GASH-MANE2
CHSF	western hemlock/shrub/redwood-sorrel	TSHE/2SHRUB/OXOR
CHSM	western hemlock/Pacific rhododendron (mesic)	TSHE/RHMA3
CHZ412	spruce-hemlock-cedar/hardwood (Siuslaw, 12)	PICEA-TSUGA-CHAMA4/2TD
CHZ612	spruce-hemlock-cedar (Siuslaw, 12)	PICEA-TSUGA-CHAMA4
CJ	western juniper	JUOC
CJC0	western juniper-associated conifers	JUOC-2TE
CJG0	western juniper/grass	JUOC/2GRAM
CJG1	western juniper/bluebunch wheatgrass	JUOC/PSSP6
CJG111	western juniper/Idaho fescue-bluebunch wheatgrass	JUOC/FEID-PSSPS
CJG112	western juniper/bluebunch wheatgrass-Sandberg bluegrass	JUOC/PSSP6-POSE
CJG2	western juniper/Idaho fescue	JUOC/FEID
CJRR	western juniper (very rocky site)	JUOC
CJRS	western juniper (steep slopes, little ground vegetation)	JUOC
CJRX	western juniper (rocks, steep slopes, minimal ground vegetation)	JUOC
CJS0	western juniper/shrub	JUOC/2SHRUB
CJS1	western juniper/little sagebrush	JUOC/ARAR8
CJS111	western juniper/little sagebrush/bluebunch wheatgrass-Idaho fescue	JUOC/ARAR8/PSSP6-FEID
CJS112	western juniper/little sagebrush/Idaho fescue	JUOC/ARAR8/FEID
CJS2	western juniper/mountain big sagebrush	JUOC/ARTRV
CJS211	western juniper/big sagebrush/bluebunch wheatgrass-Idaho fescue	JUOC/ARTR2/PSSP6-FEID
CJS212	western juniper/basin big sagebrush/Idaho fescue-bluebunch wheatgrass (north)	JUOC/ARTRT/FEID-PSSPS
CJS213	western juniper/basin big sagebrush/bluebunch wheatgrass-Sandberg bluegrass (south)	JUOC/ARTRT/PSSPS-POSE
CJS221	western juniper/big sagebrush/bluebunch wheatgrass	JUOC/ARTR2/PSSPS
CJS222	western juniper/big sagebrush/bluebunch wheatgrass-Douglas' dustymaiden	JUOC/ARTR2/PSSPS-CHDO
CJS223	western juniper/big sagebrush/bluebunch wheatgrass-woollypod milkvetch	JUOC/ARTR2/PSSPS-ASPUL2
CJS224	western juniper/big sagebrush/Idaho fescue	JUOC/ARTR2/FEID
CJS225	western juniper/big sagebrush/Idaho fescue-lupine	JUOC/ARTR2/FEID-LUPIN
CJS226	western juniper/basin big sagebrush/bluebunch wheatgrass-Idaho fescue (flat)	JUOC/ARTRT/PSSPS-FEID

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CJS231	western juniper/basin big sagebrush-rockspirea/bluebunch wheatgrass-arrowleaf balsamroot (S.CAN)	JUOC/ARTRT-HODU/PSSPS-BASA3
CJS232	western juniper/basin big sagebrush-yellow rabbitbrush/Idaho fescue-arrowleaf balsamroot (N.CAN)	JUOC/ARTRT-CHVI8/FEID-BASA3
CJS236	western juniper/big sagebrush-antelope bitterbrush	JUOC/ARTRT2-PUTR2
CJS291	western juniper/rubber rabbitbrush-basin big sagebrush/crested wheatgrass	JUOC/ERNAN5-ARTRT/AGCR
CJS292	western juniper/rubber rabbitbrush-basin big sagebrush/beardless wheatgrass	JUOC/ERNAN5-ARTRT/PSSPI
CJS3	western juniper/antelope bitterbrush	JUOC/PUTR2
CJS311	western juniper/antelope bitterbrush/bluebunch wheatgrass-Idaho fescue	JUOC/PUTR2/PSSPS-FEID
CJS321	western juniper/antelope bitterbrush/Idaho fescue-bluebunch wheatgrass	JUOC/PUTR2/FEID-PSSPS
CJS4	western juniper/mountain mahogany	JUOC/CERCO
CJS8	western juniper/scabland sagebrush (scabland)	JUOC/ARRI2
CJS811	western juniper/scabland sagebrush (scabland)	JUOC/ARRI2
CJSB	western juniper (biscuit-swale)	JUOC
CJSB11	western juniper/basin big sagebrush/bluebunch wheatgrass-Idaho fescue (mound)	JUOC/ARTRT/PSSPS-FEID
CL	lodgepole pine-whitebark pine (climax or stable)	PICO-PIAL
CLC0	lodgepole pine-whitebark pine-associated conifers	PICO-PIAL-2TE
CLC1	lodgepole pine-whitebark pine (alpine)	PICO-PIAL
CLC111	lodgepole pine-whitebark pine/mountain blue penstemon	PICO-PIAL/PELA7
CLC112	lodgepole pine-whitebark pine/King's sandwort	PICO-PIAL/ARKI
CLC2	lodgepole pine-Douglas-fir/juniper-manzanita (serpentine)	PICO-PSME/JUNIP-ARCTO3
CLC3	lodgepole pine-ponderosa pine	PICO-PIPO
CLC4	lodgepole pine-Douglas-fir	PICO-PSME
CLC5	lodgepole pine-mountain hemlock	PICO-TSME
CLC511	lodgepole pine-mountain hemlock/long-stolen sedge	PICO-TSME/CAPE5
CLF0	lodgepole pine/forbs	PICO/2FORB
CLF1	lodgepole pine/forbs (less 1/2 meter tall)	PICO/2FORB
CLF111	lodgepole pine/little prince's pine-lupine	PICO/CHME-LUPIN
CLF211	lodgepole pine/twinflower	PICO/LIBO3
CLG0	lodgepole pine/grass	PICO/2GRAM
CLG1	lodgepole pine/Idaho fescue	PICO/FEID
CLG111	lodgepole pine/Idaho fescue	PICO/FEID
CLG2	lodgepole pine/pinegrass	PICO/CARU
CLG211	lodgepole pine/pinegrass-grouse whortleberry	PICO/CARU-VASC
CLG3	lodgepole pine/Idaho fescue (pumice)	PICO/FEID
CLG311	lodgepole pine/western needlegrass (basins, pumice)	PICO/ACOCO
CLG312	lodgepole pine/antelope bitterbrush/Idaho fescue (underburned)	PICO/PUTR2/FEID

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CLG313	lodgepole pine/western needlegrass-tailcup lupine-Nuttall's linanthus	PICO/ACOCO-LUCA-LINU3
CLG314	lodgepole pine/western needlegrass-tailcup lupine (pumice)	PICO/ACOCO-LUCA
CLG315	lodgepole pine/Virginia strawberry-Idaho fescue	PICO/FRVIP2-FEID
CLG321	lodgepole pine/Geyer's sedge	PICO/CAGE2
CLG4	lodgepole pine/rhizomatous grass (pumice)	PICO/2GRAM
CLG411	lodgepole pine/long-stolon sedge-tailcup lupine (pumice)	PICO/CAIN9-LUCA
CLG412	lodgepole pine/long-stolon sedge-tailcup lupine-beardtongue	PICO/CAIN9-LUCA-PENST
CLG413	lodgepole pine/long-stolon sedge-western needlegrass (basins, pumice)	PICO/CAIN9-ACOCO
CLG415	lodgepole pine/squirreltail-long-stolon sedge	PICO/ELELE-CAIN9
CLH0	lodgepole pine-hardwoods	PICO-2TD
CLH1	lodgepole pine-quaking aspen	PICO-POTR5
CLH111	lodgepole pine-quaking aspen/Virginia strawberry	PICO-POTR5/FRVIP2
CLM0	lodgepole pine (wetlands, moist to wet soils)	PICO
CLM1	lodgepole pine/sedge-grass (wetland)	PICO/CAREX-2GRAM
CLM111	lodgepole pine/Nebraska sedge-blue wildrye (wetland)	PICO/CANE2-ELGL
CLM112	lodgepole pine/Kentucky bluegrass	PICO/POPR
CLM113	lodgepole pine/widefruit sedge	PICO/CAAN15
CLM114	lodgepole pine/water sedge	PICO/CAAQ
CLM115	lodgepole pine/tufted hairgrass	PICO/DECA18
CLM2	lodgepole pine/dwarf shrub-grass (wetland)	PICO/2SHRUB-2GRAM
CLM211	lodgepole pine/kinnikinnick (pumice)	PICO/ARUV
CLM3	lodgepole pine/blueberry-grass (wetland)	PICO/VACCI-2GRAM
CLM311	lodgepole pine/bog blueberry-forb (pumice)	PICO/VAUL-2FORB
CLM312	lodgepole pine/bog blueberry/widefruit sedge	PICO/VAUL/CAAN15
CLM313	lodgepole pine/rose spirea/forb	PICO/SPDO/2FORB
CLM314	lodgepole pine/rose spirea/widefruit sedge	PICO/SPDO/CAAN15
CLM411	lodgepole pine/common beargrass (pumice)	PICO/XETE
CLM9	lodgepole pine (invading meadows)	PICO
CLM911	lodgepole pine-Engelmann spruce/fewflower spikerush	PICO-PIEN/ELQU2
CLRR	lodgepole pine (very rocky, little ground vegetation)	PICO
CLRS	lodgepole pine (steep, stony, little ground vegetation)	PICO
CLRX	lodgepole pine (rocky, steep, little ground vegetation)	PICO
CLS0	lodgepole pine/shrub	PICO/2SHRUB
CLS1	lodgepole pine/big sagebrush	PICO/ARTR2
CLS111	lodgepole pine/big sagebrush/Idaho fescue (pumice)	PICO/ARTR2/FEID
CLS112	lodgepole pine/big sagebrush (rhyolite, pumice)	PICO/ARTR2
CLS2	lodgepole pine/antelope bitterbrush (xeric)	PICO/PUTR2
CLS211	lodgepole pine/antelope bitterbrush/western needlegrass (pumice)	PICO/PUTR2/ACOCO

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CLS212	lodgepole pine/antelope bitterbrush/long-stolon sedge (pumice)	PICO/PUTR2/CAIN9
CLS213	lodgepole pine/antelope bitterbrush/forb (pumice)	PICO/PUTR2/2FORB
CLS214	lodgepole pine/antelope bitterbrush/Idaho fescue (pumice)	PICO/PUTR2/FEID
CLS215	lodgepole pine/wax currant-antelope bitterbrush/western needlegrass (pumice)	PICO/RICE-PUTR2/ACOCO
CLS216	lodgepole pine/antelope bitterbrush (rhyolite)	PICO/PUTR2
CLS3	lodgepole pine/pinemat manzanita	PICO/ARNE
CLS311	lodgepole pine/pinemat manzanita	PICO/ARNE
CLS312	lodgepole pine/pinemat manzanita/lupin	PICO/ARNE/LUPIN
CLS4	lodgepole pine/grouse whortleberry (cool xeric)	PICO/VASC
CLS411	lodgepole pine/grouse whortleberry (Blue Mountains)	PICO/VASC
CLS412	lodgepole pine/grouse whortleberry (pumice)	PICO/VASC
CLS413	lodgepole pine/grouse whortleberry/forb	PICO/VASC/2FORB
CLS414	lodgepole pine/grouse whortleberry/long-stolon sedge	PICO/VASC/CAIN9
CLS415	lodgepole pine/grouse whortleberry (Wallowa)	PICO/VASC
CLS416	lodgepole pine/pinegrass (climax)	PICO/CARU
CLS421	lodgepole pine/grouse whortleberry (Idaho)	PICO/VASC
CLS422	lodgepole pine/dwarf bilberry	PICO/VACA13
CLS5	lodgepole pine/thinleaf huckleberry/pinegrass	PICO/VAME/CARU
CLS511	lodgepole pine/thinleaf huckleberry (Blue Mountains)	PICO/VAME
CLS515	lodgepole pine/thinleaf huckleberry (Wallowa)	PICO/VAME
CLS521	lodgepole pine/russet buffaloberry	PICO/SHCA
CLS6	lodgepole pine/Sitka alder (moist sites)	PICO/ALVIS
CLS8	lodgepole pine/salal-California huckleberry (coastal)	PICO/GASH-VAOV2
CLS811	lodgepole pine/salal-California huckleberry/sedge (deflation plain)	PICO/GASH-VAOV2/CAREX
CLS812	lodgepole pine/rhododendron/California huckleberry (floodplain, dune)	PICO/RHODO/VAOV2
CLS821	lodgepole pine/rhododendron/California huckleberry (stabilized dune)	PICO/RHODO/VAOV2
CLS822	lodgepole pine/rhododendron/California huckleberry (eroding dune)	PICO/RHODO/VAOV2
CLS823	lodgepole pine/rhododendron/California huckleberry (dune slipface)	PICO/RHODO/VAOV2
CLS831	lodgepole pine/kinnikinnick-hairy manzanita (rolling dune, open)	PICO/ARUV-ARCO3
CLS911	lodgepole pine/snowbrush ceanothus-greenleaf manzanita (pumice)	PICO/CEVE-ARPA6
CLSM	lodgepole pine/shrub (mesic)	PICO/2SHRUB
CLX104	Malheur(04) 4A: slope <30%, CLG211, CLS511, CLS411	
CLX120	Winema(20): CLG411, CLS212, CLG3	
CLX204	Malheur(04) 4B: slope 30-70%, CLG211, CLS511, CLS411	
CLX220	Winema(20): CLG311, CLM111, CLM211, CLS214	
CLX320	Winema(20): CLM211, CLS211, CLS213	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CLX420	Winema(20): CLG311	
CLX520	Winema(20): CLG9, CLS9	
CM	mountain hemlock	TSME
CMC0	mountain hemlock-associated important conifers	TSME/2TE
CMC1	mountain hemlock-Alaska cedar	TSME/CHNO
CMC151	Alaska cedar/devilscub	CHNO/OPHO
CMC2	mountain hemlock-fir	TSME-ABIES
CMC3	mountain hemlock-lodgepole pine	TSME-PICO
CMC311	mountain hemlock-lodgepole pine/pinemat manzanita	TSME-PICO/ARNE
CMC312	mountain hemlock-lodgepole pine/grouse whortleberry	TSME-PICO/VASC
CMC313	mountain hemlock-lodgepole pine-subalpine fir	TSME-PICO-ABLA
CMF0	mountain hemlock/forbs	TSME/2FORB
CMF1	mountain hemlock/common beargrass	TSME/XETE
CMF111	mountain hemlock/common beargrass (Warm Springs)	TSME/XETE
CMF121	mountain hemlock/common beargrass (Daubenmeir)	TSME/XETE
CMF131	mountain hemlock/common beargrass-whortleberry	TSME/XETE-VAMY2
CMF2	mountain hemlock/oneleaf foamflower-sweet after death	TSME/TITRU-ACTR
CMF211	mountain hemlock/skunk-leaved polemonium	TSME/POPU
CMF250	mountain hemlock/oneleaf foamflower-twistedstalk	TSME/TITRU-STLAR
CMF251	mountain hemlock/Howell's marsh marigold	TSME/CALEH2
CMF3	mountain hemlock/wintergreen	TSME/PYROL
CMFC	mountain hemlock/forb (cool)	TSME/2FORB
CMG0	mountain hemlock/shrub	TSME/2SHRUB
CMG1	mountain hemlock/pinegrass	TSME/CARU
CMG2	mountain hemlock/woodrush	TSME/LUZUL
CMG211	mountain hemlock/woodrush	TSME/LUZUL
CMG221	mountain hemlock/Hitchcock's smooth woodrush	TSME/LUGLH
CMG3	mountain hemlock/sedge	TSME/CAREX
CMRR	mountain hemlock (rocky, minimum ground vegetation)	TSME
CMRS	mountain hemlock (steep, minimum ground vegetation)	TSME
CMRX	mountain hemlock (rocky or steep, minimum ground vegetation)	TSME
CMS0	mountain hemlock/shrub	TSME/2SHRUB
CMS1	mountain hemlock/grouse whortleberry/pinemat manzanita	TSME/VASC/ARNE
CMS111	mountain hemlock/grouse whortleberry (Deschutes)	TSME/VASC
CMS113	mountain hemlock/grouse whortleberry (Deschutes)	TSME/VASC
CMS114	mountain hemlock/grouse whortleberry	TSME/VASC
CMS115	mountain hemlock/grouse whortleberry (Mt. Hood)	TSME/VASC
CMS121	mountain hemlock/grouse whortleberry/Hitchcock's smooth woodrush	TSME/VASC/LUGLH
CMS122	mountain hemlock/roughfruit berry	TSME/RULA2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CMS131	mountain hemlock/grouse whortleberry (Wallowa)	TSME/VASC
CMS2	mountain hemlock/thinleaf huckleberry-rusty menziesia	TSME/VAME-MEFE
CMS210	mountain hemlock/thinleaf huckleberry (Gifford Pinchot)	TSME/VAME
CMS211	mountain hemlock/blueberry (steep, pumice, Willamette)	TSME/VACCI
CMS212	mountain hemlock/blueberry (ash, Willamette)	TSME/VACCI
CMS213	mountain hemlock-fir/blueberry (black sand, Willamette))	TSME/VACCI
CMS214	mountain hemlock-fir/blueberry (steep, ash, Willamette)	TSME/VACCI
CMS215	mountain hemlock/blueberry (cinders, Willamette)	TSME/VACCI
CMS216	mountain hemlock/thinleaf huckleberry/common beargrass	TSME/VAME/XETE
CMS218	mountain hemlock/thinleaf huckleberry/bride's bonnet	TSME/VAME/CLUN2
CMS220	mountain hemlock/rusty menziesia (Daubenmeir)	TSME/MEFE
CMS221	mountain hemlock/rusty menziesia	TSME/MEFE
CMS223	mountain hemlock/Cascade azalea	TSME/RHAL2
CMS231	mountain hemlock/thinleaf huckleberry (Wallowa)	TSME/VAME
CMS241	mountain hemlock/oval-leaf blueberry	TSME/VAOV
CMS242	mountain hemlock/oval-leaf blueberry/white avalanche-lily	TSME/VAOV/ERMO8
CMS243	mountain hemlock/oval-leaf blueberry/common beargrass	TSME/VAOV/XETE
CMS244	mountain hemlock/thinleaf huckleberry-oval-leaf blueberry	TSME/VAME-VAOV
CMS245	mountain hemlock/thinleaf huckleberry/common beargrass (western Washington)	TSME/VAME/XETE
CMS246	mountain hemlock/thinleaf huckleberry (Mt. Baker-Snoqualmie)	TSME/VAME
CMS250	mountain hemlock/thinleaf huckleberry/twistedstalk	TSME/VAME/STLAR
CMS251	mountain hemlock/thinleaf huckleberry/Sitka valerian	TSME/VAME/VASI
CMS252	mountain hemlock/oval-leaf blueberry/twistedstalk	TSME/VAOV/STLAR
CMS253	mountain hemlock/oval-leaf blueberry/bride's bonnet	TSME/VAOV/CLUN2
CMS254	mountain hemlock/thinleaf huckleberry/roughfruit berry	TSME/VAME/RULA2
CMS255	mountain hemlock/oval-leaf blueberry/false lily of the vally	TSME/VAOV/MADI
CMS256	mountain hemlock/rusty menziesia-oval-leaf blueberry	TSME/MEFE-VAOV
CMS257	mountain hemlock/rusty menziesia-thinleaf huckleberry	TSME/MEFE-VAME
CMS258	mountain hemlock/oval-leaf blueberry (Wenatchee)	TSME/VAOV
CMS259	mountain hemlock/thinleaf huckleberry (Wenatchee)	TSME/VAME

NRV_PV_COVER_TYPES (CONT.)**Reference Code 62739 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CMS3	mountain hemlock/rusty menziesia-pink mountainheath-Cascade azalea	TSME/MEFE-PHEM-RHAL2
CMS311	mountain hemlock/pink mountainheath-Cascade bilberry	TSME/PHEM-VADE
CMS312	mountain hemlock/Cascade azalea-thinleaf huckleberry	TSME/RHAL2-VAME
CMS323	mountain hemlock/Cascade azalea	TSME/RHAL2
CMS350	mountain hemlock/pink mountainheath-Cascade bilberry	TSME/PHEM-VADE
CMS351	mountain hemlock/Cascade azalea-oval-leaf blueberry	TSME/RHAL2-VAOV
CMS352	mountain hemlock/Cascade azalea-thinleaf huckleberry	TSME/RHAL2-VAME
CMS353	mountain hemlock/copperbush/strawberryleaf raspberry	TSME/ELPY/RUPE
CMS354	mountain hemlock/pink mountainheath-Cascade bilberry	TSME/PHEM-VADE
CMS355	mountain hemlock/Cascade azalea-oval-leaf blueberry	TSME/RHAL2-VAOV
CMS356	mountain hemlock/Cascade azalea-thinleaf huckleberry	TSME/RHAL2-VAME
CMS4	mountain hemlock/devilsclub	TSME/OPHO
CMS450	mountain hemlock/devilsclub-oval-leaf blueberry	TSME/OPHO-VAOV
CMS5	mountain hemlock/low shrub	TSME/2SHRUB
CMS6	mountain hemlock/vine maple-oceanspray-Pacific rhododendron	TSME/ACCI-HODI-RHMA3
CMS611	mountain hemlock-Douglas-fir/vine maple (lava, Willamette)	TSME-PSME/ACCI
CMS612	mountain hemlock/Pacific rhododendron	TSME/RHMA3
CMS641	mountain hemlock-Pacific silver fir/Pacific rhododendron	TSME-ABAM/RHMA
CMSC	mountain hemlock/oval-leaf blueberry	TSME/VAOV
CP	ponderosa pine-Jeffrey pine	PIPO-PIJE
CPC0	ponderosa pine-Jeffrey pine-conifer	PIPO-PIJE-2TE
CPC1	ponderosa pine-incense cedar	PIPO-CADE27
CPC2	ponderosa pine-western juniper	PIPO-JUOC
CPC211	ponderosa pine-western juniper/curl-leaf mountain mahogany-antelope bitterbrush-basin big sagebrush/Idaho fescue	PIPO-JUOC/CELE3-PUTR2- ARTRT/FEID
CPC3	ponderosa pine-lodgepole pine	PIPO-PICO
CPC4	Jeffrey pine	PIJE
CPC411	ponderosa pine-Douglas-fir	PIPO-PSME
CPC5	Jeffrey pine-western white pine	PIJE-PIMO3
CPC511	Jeffrey pine-western white pine	PIJE-PIMO
CPC6	ponderosa pine-Douglas-fir	PIPO-PSME
CPC611	ponderosa pine-Douglas-fir/old man's whiskers-mule- ears	PIPO-PSME/GETR-WYAM
CPC612	ponderosa pine-Douglas-fir/antelope bitterbrush	PIPO-PSME/PUTR2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPC613	ponderosa pine-Douglas-fir/greenleaf manzanita-snowbrush ceanothus	PIPO-PSME/ARPA6-CEVE
CPC614	ponderosa pine-Douglas-fir/snowberry	PIPO-PSME/SYMPH
CPF0	ponderosa pine-Jeffrey pine/forb-grass	PIPO-PIJE/2FORB-2GRAM
CPF111	ponderosa pine/woolly mule-ears	PIPO/WYMO
CPF121	ponderosa pine/old man's whiskers-mule-ears	PIPO/GETR-WYAM
CPG0	ponderosa pine-Jeffrey pine/grass	PIPO-PIJE/2GRAM
CPG1	ponderosa pine/bunchgrass (non pumice)	PIPO/2GRAM
CPG111	ponderosa pine/bluebunch wheatgrass (Blue Mountains)	PIPO/PSSPS
CPG112	ponderosa pine/Idaho fescue (Blue Mountains)	PIPO/FEID
CPG121	ponderosa pine/bluebunch wheatgrass (Daubenmeir)	PIPO/PSSPS
CPG122	ponderosa pine/Idaho fescue (Daubenmeir)	PIPO/FEID
CPG123	ponderosa pine/western needlegrass (Daubenmeir)	PIPO/ACOCO
CPG124	ponderosa pine/western needlegrass (Idaho)	PIPO/ACOCO
CPG131	ponderosa pine/Idaho fescue (Wallowa)	PIPO/FEID
CPG132	ponderosa pine/bluebunch wheatgrass (Wallowa)	PIPO/PSSPS
CPG133	ponderosa pine/Idaho fescue (Idaho)	PIPO/FEID
CPG134	ponderosa pine/bluebunch wheatgrass (Idaho)	PIPO/PSSPS
CPG141	ponderosa pine/bluebunch wheatgrass (Wenatchee)	PIPO/PSSPS
CPG142	ponderosa pine/bluebunch wheatgrass-Indian's dream	PIPO/PSSPS-ASDE6
CPG2	ponderosa pine/grass-sedge	PIPO/2GRAM-CAREX
CPG212	ponderosa pine/long-stolon sedge-Idaho fescue-Nevada pea	PIPO/CAIN9-FEID-LALA3
CPG221	ponderosa pine/pinegrass	PIPO/CARU
CPG222	ponderosa pine/Geyer's sedge	PIPO/CAGE2
CPG231	ponderosa pine/pinegrass-bluebunch wheatgrass	PIPO/CARU-PSSPS
CPG3	ponderosa pine/bluebunch wheatgrass (pumice soil)	PIPO/PSSP6
CPG311	ponderosa pine/antelope bitterbrush-Idaho fescue (underburn)	PIPO/PUTR2-FEID
CPG6	Jeffrey pine/bunchgrass (serpentine)	PIJE/2GRAM
CPH0	ponderosa pine-Jeffrey pine-hardwoods	PIPO-PIJE-2TD
CPH1	ponderosa pine-Jeffrey pine-madrone-manzanita	PIPO-PIJE-ARBUT-ARCTO3
CPH2	ponderosa pine-Jeffrey pine-white oak-black oak	PIPO-PIJE-QUGA4-QUKE
CPH211	ponderosa pine-Oregon white oak/arrowleaf balsamroot	PIPO-QUGA4/BASA3
CPH212	ponderosa pine-Oregon white oak/antelope bitterbrush	PIPO-QUGA4/PUTR2
CPH3	ponderosa pine-Jeffrey pine-quaking aspen	PIPO-PIJE-POTR5
CPH311	ponderosa pine-quaking aspen/Wheeler bluegrass	PIPO-POTR5/PONE2
CPH4	Jeffrey pine-oak	PIJE-QUERC
CPH411	Jeffrey pine/huckleberry oak	PIJE/QUVA
CPM0	ponderosa pine-Jeffrey pine (wetlands,moist to wet soil)	PIPO-PIJE
CPM1	ponderosa pine-Jeffrey pine/blue wildrye-Kentucky bluegrass	PIPO-PIJE/ELGL-POPR

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPM111	ponderosa pine/blue wildrye	PIPO/ELGL
CPM112	ponderosa pine/Kentucky bluegrass	PIPO/POPR
CPRR	ponderosa pine (rocky, little ground vegetation)	PIPO
CPRS	ponderosa pine (steep, little ground vegetation)	PIPO
CPRX	ponderosa pine (rocky or steep, little ground vegetation)	PIPO
CPS0	ponderosa pine-Jeffrey pine/shrub	PIPO-PIJE/2SHRUB
CPS1	ponderosa pine-Jeffrey pine/big sagebrush	PIPO-PIJE/ARTR2
CPS111	ponderosa pine/antelope bitterbrush-big sagebrush/Idaho fescue	PIPO/PUTR2-ARTR2/FEID
CPS112	ponderosa pine/antelope bitterbrush-big sagebrush/squirreltail (rhyolite)	PIPO/PUTR2-ARTR2/ELELE
CPS121	ponderosa pine/mountain big sagebrush/Wheeler bluegrass	PIPO/ARTRV/PONE2
CPS131	ponderosa pine/mountain big sagebrush/Idaho fescue-bluebunch wheatgrass	PIPO/ARTRV/FEID-PSSPS
CPS2	ponderosa pine-Jeffrey pine/antelope bitterbrush-mountain mahogany	PIPO-PIJE/PUTR2-CERCO
CPS211	ponderosa pine/antelope bitterbrush/Idaho fescue (pumice)	PIPO/PUTR2/FEID
CPS212	ponderosa pine/antelope bitterbrush/western needlegrass (pumice)	PIPO/PUTR2/ACOCO
CPS213	ponderosa pine/antelope bitterbrush-greenleaf manzanita/western needlegrass (pumice)	PIPO/PUTR2-ARPA6/ACOCO
CPS214	ponderosa pine/antelope bitterbrush-greenleaf manzanita/long-stolon sedge (pumice)	PIPO/PUTR2-ARPA6/CAIN9
CPS215	ponderosa pine/antelope bitterbrush/long-stolon sedge (pumice)	PIPO/PUTR2/CAIN9
CPS216	ponderosa pine/antelope bitterbrush/Idaho fescue-bluebunch wheatgrass (pumice)	PIPO/PUTR2/FEID-PSSPS
CPS217	ponderosa pine/antelope bitterbrush-greenleaf manzanita/Idaho fescue (pumice)	PIPO/PUTR2-ARPA6/FEID
CPS218	ponderosa pine/antelope bitterbrush/squirreltail (rhyolite)	PIPO/PUTR2/ELELE
CPS221	ponderosa pine/antelope bitterbrush/Ross' sedge	PIPO/PUTR2/CARO5
CPS222	ponderosa pine/antelope bitterbrush/Geyer's sedge	PIPO/PUTR2/CAGE2
CPS223	ponderosa pine/antelope bitterbrush/Idaho fescue (pumice)	PIPO/PUTR2/FEID
CPS224	ponderosa pine/antelope bitterbrush-greenleaf manzanita/Idaho fescue (pumice)	PIPO/PUTR2-ARPA6/FEID
CPS226	ponderosa pine/antelope bitterbrush/Idaho fescue-bluebunch wheatgrass	PIPO/PUTR2/FEID-PSSPS
CPS227	ponderosa pine/antelope bitterbrush (Idaho)	PIPO/PUTR2
CPS228	ponderosa pine/antelope bitterbrush-greenleaf manzanita	PIPO/PUTR2-ARPA6

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPS231	ponderosa pine/antelope bitterbrush/bluebunch wheatgrass	PIPO/PUTR2/PSSPS
CPS232	ponderosa pine/curl-leaf mountain mahogany/Geyer's sedge	PIPO/CELE3/CAGE2
CPS233	ponderosa pine/curl-leaf mountain mahogany/Wheeler bluegrass	PIPO/CELE3/PONE2
CPS234	ponderosa pine/curl-leaf mountain mahogany/Idaho fescue-bluebunch wheatgrass	PIPO/CELE3/FEID-PSSPS
CPS241	ponderosa pine/antelope bitterbrush/bluebunch wheatgrass	PIPO/PUTR2/PSSPS
CPS3	ponderosa pine/snowbrush ceanothus/Idaho fescue	PIPO/CEVE/FEID
CPS311	ponderosa pine/antelope bitterbrush-snowbrush ceanothus/western needlegrass (pumice)	PIPO/PUTR2-CEVE/ACOCO
CPS312	ponderosa pine/antelope bitterbrush-snowbrush ceanothus/long-stolon sedge (pumice)	PIPO/PUTR2-CEVE/CAIN9
CPS314	ponderosa pine/antelope bitterbrush-snowbrush ceanothus/Idaho fescue	PIPO/PUTR2-CEVE/FEID
CPS321	Jeffrey pine/dwarf ceanothus	PIJE/CEPU
CPS4	ponderosa pine/oceanspray-common snowberry-cherry	PIPO/HODI-SYAL-PRUNU
CPS5	ponderosa pine/common snowberry-rose spiraea	PIPO/SYAL-SPDO
CPS511	ponderosa pine/common snowberry (floodplain)	PIPO/SYAL
CPS512	ponderosa pine-mixed conifer/rose spirea-common snowberry	PIPO-2TE/SPDO-SYAL
CPS521	ponderosa pine/common snowberry (Daubenmeir)	PIPO/SYAL
CPS522	ponderosa pine/common snowberry (Wallowa)	PIPO/SYAL
CPS523	ponderosa pine/white spirea	PIPO/SPBE2
CPS524	ponderosa pine/common snowberry	PIPO/SYAL
CPS525	ponderosa pine/mountain snowberry	PIPO/SYOR2
CPS526	ponderosa pine/mountain snowberry (Idaho)	PIPO/SYOR2
CPS527	ponderosa pine/common snowberry (Idaho)	PIPO/SYAL
CPS6	ponderosa pine/manzanita-deerbrush	PIPO/ARCTO3-CEIN3
CPS611	Jeffrey pine/grass	PIJE/GRASS
CPS7	ponderosa pine/mallow ninebark	PIPO/PHMA5
CPS721	ponderosa pine/mallow ninebark (Daubenmeir)	PIPO/PHMA5
CPX104	Malheur(04) 6A: slope-30%, CPG1 12, CPS2 21, CPM1 11, CDG1 11	
CPX120	Winema(20): CPS2 11, CPG3 11	
CPX204	Malheur(04) 6B: 30-70%, CPG1 12, CPS2 21, CPM1 11, CDG1 11	
CPX220	Winema(20): CPS2 12, CPS2 13, CPS3 11	
CPX304	Malheur(04) 6C: 30-70%, tuff, CPG1 11, CPS2 21, CPM1 11, CDG1 11	
CPX320	Winema(20): CPS2 13, CPS2 15, CPS3 12, CPS2 13, CWS1 12	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPX404	Malheur(04) 6D: less 30%, SERP, CPG1 11, CPS2 21, CPM1 11, CDG1 11	
CPX420	Winema(20) CPS3, CPS6	
CPX504	Malheur(04) 6E: 30-70%, serp, CPG1 11, CPS2 21, CPM1 11, CDG1 11	
CPX520	Winema(20): CPC2	
CPY104	Malheur(04):6f:slope less than 30%	
CQ	western white pine-sugar pine	PIMO3-PILA
CQF111	western white pine/common beargrass	PIMO/XETE
CR	Shasta red fir	ABSH
CRC0	Shasta red fir with associated conifers	ABSH-2TE
CRC1	Shasta red fir-incense cedar	ABSH-CADE27
CRC2	Shasta red fir-Alaska cedar	ABSH-CHNO
CRC3	Shasta red fir-white fir	ABSH-ABCO
CRF0	Shasta red fir/forb	ABSH/2FORB
CRF1	Shasta red fir/wintergreen-prince's pine	ABSH/PYROL-CHIMA
CRF2	Shasta red fir/grass-forb	ABSH/2GRAM-2FORB
CRF211	Shasta red fir/skunk-leaved polemonium	ABMAS/POPU
CRG0	Shasta red fir/grass-sedge	ABSH/2GRAM-CAREX
CRG111	Shasta red fir/long-stolon sedge	ABSH/CAIN9
CRH0	Shasta red fir with important associated hardwoods	ABSH-2TD
CRH1	Shasta red fir/deer oak	ABSH/QUSA2
CRH111	Shasta red fir/Sadler oak	ABMAS/QUSA
CRS0	Shasta red fir/shrub	ABSH/2SHRUB
CRS1	Shasta red fir/grouse whortleberry/pinemat manzanita	ABSH/VASC/ARNE
CRS111	Shasta red fir/pinemat manzanita	ABSH/ARNE
CRS112	Shasta red fir-mountain hemlock/pinemat manzanita/long-stolon sedge	ABSH-TSME/ARNE/CAIN9
CRS2	Shasta red fir/blackberry-common snowberry	ABSH/RUBUS-SYAL
CRS211	Shasta red fir/creeping snowberry	ABMAS/SYMO
CRS3	Shasta red fir/giant chinquapin	ABSH/CHCHC4
CRS311	Shasta red fir/giant chinquapin/pipsissewa-long-stolon sedge	ABSH/CHCHC4/CHUM-CAIN9
CRS313	Shasta red fir/giant chinquapin/pipsissewa-long-stolon sedge	ABSH/CHCHC4/CHUM-CAIN9
CRS4	Shasta red fir/blueberry-buffaloberry-rusty menziesia	ABSH/VACCI-SHEPH-MEFE
CRS411	Shasta red fir/thin-leaved huckleberry	ABMAS/VAME
CS	Sitka spruce	PISI
CSC0	Sitka spruce with associated conifers	PISI-2TE
CSF0	Sitka spruce/forb	PISI/2FORB
CSF1	Sitka spruce/western swordfern	PISI/POMU
CSF111	Sitka spruce/western swordfern-redwood-sorrel	PISI/POMU-OXOR
CSF121	Sitka spruce/western swordfern	PISI/POMU
CSF2	Sitka spruce/ladyfern-twistedstalk	PISI/ATHYR-STREP3
CSF3	Sitka spruce/redwood-sorrel	PISI/OXOR

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CSF321	Sitka spruce/redwood-sorrel	PISI/OXOR
CSH0	Sitka spruce with important associated hardwoods	PISI-2TD
CSH1	Sitka spruce/California laurel	PISI/UMCA
CSH2	Sitka spruce/elderberry	PISI/SAMBU
CSH3	Sitka spruce/bigleaf maple	PISI/ACMA3
CSM0	Sitka spruce (wetland, moist to wet soil)	PISI
CSM1	Sitka spruce/willow-California wax myrtle	PISI/SALIX-MOCA6
CSS0	Sitka spruce/shrub	PISI/2SHRUB
CSS1	Sitka spruce/California huckleberry	PISI/VAOV2
CSS2	Sitka spruce/red huckleberry	PISI/VAPA
CSS221	Sitka spruce/rusty menziesia-red huckleberry	PISI/MEFE-VAPA
CSS3	Sitka spruce/salal	PISI/GASH
CSS321	Sitka spruce/salal	PISI/GASH
CSS4	Sitka spruce/rhododendron	PISI/RHODO
CSS411	Sitka spruce-Douglas-fir/rhododendron-California huckleberry (stabilized dune)	PISI-PSME/RHODO-VAOV2
CSS412	Sitka spruce-lodgepole pine-western hemlock/rhododendron (flood plain)	PISI-PICO-TSHE/RHODO
CSS421	Sitka spruce-Douglas-fir/rhododendron-California huckleberry (sandy, steep)	PISI-PSME/RHODO-VAOV2
CSS422	Sitka spruce-Douglas-fir/rhododendron-California huckleberry (sandy, gentle)	PISI-PSME/RHODO-VAOV2
CSS5	Sitka spruce/thimbleberry-salmonberry	PISI/RUPA-RUSP
CSS521	Sitka spruce/salmonberry	PISI/RUSP
CSS522	Sitka spruce/salmonberry-salal	PISI/RUSP-GASH
CSS6	Sitka spruce/devilsclub	PISI/OPHO
CSS621	Sitka spruce/devilsclub	PISI/OPHO
CSS7	Sitka spruce/vine maple	PISI/ACCI
CT	Port Orford cedar	CHLA
CTH0	Port Orford cedar-hardwoods	CHLA-2TD
CTH1	Port Orford cedar/oak	CHLA/QUERC
CTH2	Port Orford cedar/bigleaf maple	CHLA/ACMA3
CTH211	Port-Orford cedar-bigleaf maple	CHLA-ACMA
CTS0	Port Orford cedar-shrub	CHLA-2SHRUB
CTS1	Port Orford cedar/Cascade barberry	CHLA/MANE2
CTS112	Port-Orford cedar/dwarf Oregon grape/western twinflower	CHLA/BENE/LIBOL
CTS2	Port Orford cedar/salal	CHLA/GASH
CTS211	Port-Orford cedar/salal	CHLA/GASH
CTS3	Port Orford cedar/silktassel	CHLA/GARRY
CTS311	Port-Orford cedar/box-leaved silk-tassel	CHLA/GABU
CW	white fir-grand fir	ABCO-ABGR
CWC0	white fir-grand fir-associated conifers	ABCO-ABGR-2TE
CWC1	white fir-incense cedar-ponderosa pine	ABCO-CADE27-PIPO
CWC111	white fir-ponderosa pine-incense cedar/Saskatoon serviceberry	ABCO-PIPO-CADE27/AMAL2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CWC135	white fir-incense cedar/dwarf Oregon grape	ABCO-CADE3/BENE
CWC2	white fir-Douglas-fir-ponderosa pine (southwest Oregon, hot)	ABCO-PSME-PIPO
CWC211	white fir-Douglas-fir/snowbrush ceanothus-giant chinquapin/western brackenfern	ABCO-PSME/CEVE-CHCHC4/PTAQ
CWC212	white fir-Douglas-fir/snowbrush ceanothus-giant chinquapin/pinegrass	ABCO-PSME/CEVE-CHCHC4/CARU
CWC213	white fir/snowbrush ceanothus/long-stolon sedge-hairy brackenfern	ABCO/CEVE/CAIN9-PTAQP2
CWC214	white fir-Douglas-fir/snowbush ceanothus/kinnikinnick	ABCO-PSME/CEVE/ARUV
CWC215	white fir-Douglas-fir/snowbush ceanothus/kinnikinnick	ABCO-PSME/CEVE/ARUV
CWC231	white fir-Douglas-fir/dwarf Oregon grape	ABCO-PSME/BENE
CWC232	white fir-Douglas-fir/creambush oceanspray	ABCO-PSME/HODI
CWC233	white fir-Douglas-fir/Depauperate	ABCO-PSME/DEPAUPERATE
CWC234	white fir-Douglas-fir/Piper's Oregon grape	ABCO-PSME/BEPI
CWC241	white fir-ponderosa pine	ABCO-PIPO
CWC3	white fir-lodgepole pine (lodgepole reproducing)	ABCO-PICO
CWC311	white fir-lodgepole pine/long-stolon sedge-western needlegrass	ABCO-PICO/CAIN9-ACOCO
CWC321	white fir-lodgepole pine/western serviceberry	ABCO-PICO/AMAL
CWC4	white fir-ponderosa pine-western white pine-sugar pine (no Douglas-fir)	ABCO-PIPO-PIMO3-PILA
CWC411	white fir-ponderosa pine-sugar pine/sticky currant	ABCO-PIPO-PILA/RIVI3
CWC412	white fir-ponderosa pine-sugar pine/greenleaf manzanita	ABCO-PIPO-PILA/ARPA6
CWC5	white fir-grand fir/Engelmann spruce-Brewer spruce	ABCO-ABGR/PIEN-PIBR
CWC511	grand fir-Engelmann spruce/starry false lily of the valley	ABGR-PIEN/MAST4
CWC522	white fir-Brewer spruce/slender salal	ABCO-PIBR/GAOV
CWC523	white fir-Brewer spruce/common prince's-pine	ABCO-PIBR/CHUM
CWC6	white fir-Port-Orford-cedar (southwest Oregon, mesic)	ABCO-CHLA
CWC7	white fir-grand fir-Shasta red fir-Pacific silver fir	ABCO-ABGR-ABSH-ABAM
CWC725	white fir-Shasta red fir/common prince's-pine	ABCO-ABMAS/CHUM
CWC731	white fir-mountain hemlock/western twinflower	ABCO-TSME/LIBOL
CWC741	white fir-Pacific silver fir/dwarf Oregon grape	ABCO-ABAM/BENE
CWC8	white fir-grand fir/Pacific yew	ABCO-ABGR/TABR2
CWC811	grand fir/Pacific yew/bride's bonnet	ABGR/TABR2/CLUN2
CWC812	grand fir/Pacific yew/twinflower	ABGR/TABR2/LIBO3
CWC9	white fir-grand fir-Engelmann spruce	ABCO-ABGR-PIEN
CWC911	Engelmann spruce (bottoms)	PIEN
CWC921	white fir-western hemlock/vine maple	ABCO-TSHE/ACCI
CWF0	white fir-grand fir/forb	ABCO-ABGR/2FORB
CWF1	white fir/sweet after death-oneleaf foamflower	ABCO/ACTR-TITRU
CWF2	white fir/wintergreen-pipsissewa	ABCO/PYROL-CHUM

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CWF211	grand fir/pipsissewa	ABGR/CHUM
CWF221	white fir/common prince's-pine/pyrola	ABCO/CHUM/PYROLA
CWF3	white fir-grand fir/twinflower	ABCO-ABGR/LIBO3
CWF311	grand fir/twinflower-forb	ABGR/LIBO3-2FORB
CWF312	grand fir/twinflower (Blue Mountains)	ABGR/LIBO3
CWF313	grand fir/ twinflower (Idaho)	ABGR/LIBO3
CWF321	grand fir/twinflower	ABGR/LIBO3
CWF4	white fir-grand fir/bride's bonnet/low forb	ABCO-ABGR/CLUN2/2FORB
CWF421	grand fir/bride's bonnet (Wallowa)	ABGR/CLUN2
CWF422	grand fir/Pacific yew/bride's bonnet	ABGR/TABR2/CLUN2
CWF423	grand fir/bride's bonnet (Idaho)	ABGR/CLUN2
CWF431	white fir/bride's bonnet	ABCO/CLUN2
CWF444	grand fir/heartleaf arnica	ABGR/ARCO9
CWF5	white fir-grand fir/mid-forbs	ABCO-ABGR/2FORB
CWF511	grand fir/Idaho goldthread	ABGR/COOC
CWF512	grand fir/Carolina bugbane	ABGR/TRCA
CWF521	grand fir/broadleaf starflower	ABGR/TRBOL
CWF522	grand fir/sweet after death	ABGR/ACTR
CWF523	grand fir/Jacob's-ladder	ABGR/POPU3
CWF524	grand fir/sweet after death (Wenatchee)	ABGR/ACTR
CWF531	grand fir/common beargrass	ABGR/XETE
CWF532	grand fir/Oregon goldthread (Idaho)	ABGR/COLA3
CWF6	grand fir-white fir/fern	ABGR-ABCO/2FERN
CWF611	grand fir/western oakfern	ABGR/GYDR
CWF612	grand fir/western swordfern-British Columbia wildginger	ABGR/POMU-ASCA2
CWF613	grand fir/common ladyfern	ABGR/ATFI
CWF911	white fir/herb	ABCO/HERB
CWFC	white fir/forb (cool)	ABCO/2FORB
CWFM	white fir/forb (mesic)	ABCO/2FORB
CWG0	white fir-grand fir/grass	ABCO-ABGR/2GRAM
CWG1	grand fir/pinegrass-Geyer's sedge	ABGR/CARU-CAGE2
CWG111	grand fir/Geyer's sedge (Blue Mountains)	ABGR/CAGE2
CWG112	grand fir/pinegrass (ash)	ABGR/CARU
CWG113	grand fir/pinegrass (Blue Mountains)	ABGR/CARU
CWG114	grand fir/pinegrass (Idaho)	ABGR/CARU
CWG121	grand fir/Geyer's sedge	ABGR/CAGE2
CWG122	grand fir/Geyer's sedge (Gifford Pinchot)	ABGR/CAGE2
CWG123	grand fir/pinegrass	ABGR/CARU
CWG124	grand fir/pinegrass (Wenatchee)	ABGR/CARU
CWG125	grand fir/pinegrass-lupine	ABGR/CARU-LUPIN
CWG2	white fir-grand fir/Columbia brome	ABCO-ABGR/BRVU
CWG211	grand fir/Columbia brome	ABGR/BRVU
CWH0	white fir-grand fir-hardwoods	ABCO-ABGR-2TD
CWH1	white fir-grand fir/giant chinquapin	ABCO-ABGR/CHCHC4
CWH111	white fir/snowbrush ceanothus-giant chinquapin	ABCO/CEVE-CHCHC4

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CWH112	white fir/giant chinquapin-Oregon boxleaf/pipsissewa	ABCO/CHCHC4-PAMY/CHUM
CWH2	white fir-grand fir-quaking aspen	ABCO-ABGR-POTR5
CWH211	white fir-ponderosa pine-quaking aspen/long-stolon sedge	ABCO-PIPO-POTR5/CAIN9
CWH3	white fir/tanoak-canyon live oak	ABCO/LIDE3-QUCH2
CWH312	white fir/vine maple/vanillaleaf	ABCO/ACCI/ACTR
CWH4	white fir-grand fir/vine maple-Rocky Mountain maple-dogwood	ABCO-ABGR/ACCI-ACGLD4-CORNU
CWH411	white fir/vine maple/vanillaleaf	ABCO/ACCI/ACTR
CWH413	white fir/Douglas maple	ABCO/ACGL
CWH421	white fir/Douglas maple/dwarf Oregon grape	ABCO/ACGL/BENE
CWH5	white fir/deer oak	ABCO/QUSA2
CWH511	white fir-Sadler oak/common prince's-pine	ABCO-QUSA/CHUM
CWH521	white fir-Sadler oak/dwarf Oregon grape-Oregon boxwood	ABCO-QUSA/BENE-PAMY
CWH522	white fir-Sadler oak/dwarf Oregon grape	ABCO-QUSA/BENE
CWH531	white fir-Sadler oak-golden chinquapin	ABCO-QUSA-CACH
CWM0	white fir-grand fir (bottomlands)	ABCO-ABGR
CWM1	white fir/thinleaf alder/snowberry (bottomlands)	ABCO/ALINT/GAULT
CWM111	white fir/thinleaf alder (meadow)	ABCO/ALINT
CWM2	grand fir-white fir/forb (bottomlands)	ABGR-ABCO/2FORB
CWM210	grand fir-western red cedar/American skunkcabbage	ABGR-THPL/LYAM3
CWS0	white fir-grand fir/shrub	ABCO-ABGR/2SHRUB
CWS1	white fir-grand fir/snowbrush ceanothus-greenleaf manzanita	ABCO-ABGR/CEVE-ARPA6
CWS112	white fir/snowbrush ceanothus-greenleaf manzanita (pumice)	ABCO/CEVE-ARPA6
CWS113	white fir/snowbrush ceanothus-greenleaf manzanita/long-stolon sedge-glaucus beardtongue	ABCO/CEVE-ARPA6/CAIN9-PEEU
CWS114	white fir/snowbrush ceanothus (pumice)	ABCO/CEVE
CWS115	white fir/snowbrush ceanothus/long-stolon sedge	ABCO/CEVE/CAIN9
CWS116	white fir/snowbrush ceanothus-squawcarpet/Virginia strawberry	ABCO/CEVE-CEPR/FRVI
CWS117	white fir-ponderosa pine/greenleaf manzanita-creeping barberry	ABCO-PIPO/ARPA6-MARE11
CWS121	grand fir/snowbrush ceanothus (Warm Springs)	ABGR/CEVE
CWS2	white fir-grand fir/thinleaf huckleberry-creeping barberry	ABCO-ABGR/VAME-MARE11
CWS211	grand fir/thinleaf huckleberry	ABGR/VAME
CWS212	grand fir/thinleaf huckleberry (Blue Mountains)	ABGR/VAME
CWS213	grand fir/thinleaf huckleberry (Warm Springs)	ABGR/VAME
CWS214	grand fir/thinleaf huckleberry/bride's bonnet (Colville)	ABGR/VAME/CLUN2
CWS221	grand fir/thinleaf huckleberry/twinflower	ABGR/VAME/LIBO3
CWS222	grand fir/thinleaf huckleberry/bride's bonnet	ABGR/VAME/CLUN2
CWS223	grand fir/thimbleberry/drops of gold	ABGR/RUPA/DIHO3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CWS224	grand fir/Cascade barberry/sweet after death	ABGR/MANE2/ACTR
CWS225	grand fir/Cascade barberry	ABGR/MANE2
CWS226	grand fir/Cascade barberry/pinegrass	ABGR/MANE2/CARU
CWS231	grand fir/thinleaf huckleberry	ABGR/VAME
CWS232	white fir/thin-leaved huckleberry/western twinflower	ABCO/VAME/LIBOL
CWS3	white fir-grand fir/white spirea-common snowberry (mesic)	ABCO-ABGR/SPBE2-SYAL
CWS311	white fir-grand fir/giant chinquapin	ABCO-ABGR/CHCHC4
CWS312	white fir/common snowberry/Virginia strawberry	ABCO/SYAL/FRVI
CWS313	white fir-ponderosa pine/common snowberry/tuber starwort	ABCO-PIPO/SYAL/PSJA2
CWS314	grand fir/common snowberry (floodplain)	ABGR/SYAL
CWS321	grand fir/white spirea	ABGR/SPBE2
CWS322	grand fir/white spirea (Blue Mountains)	ABGR/SPBE2
CWS323	grand fir/white spirea (Idaho)	ABGR/SPBE2
CWS331	grand fir/snowberry	ABGR/SYMPH
CWS332	grand fir/creeping snowberry/sweet after death	ABGR/SYMO/ACTR
CWS333	grand fir/snowberry (Warm Springs)	ABGR/SYMPH
CWS334	grand fir/snowberry/Geyer's sedge	ABGR/SYMPH/CAGE2
CWS335	grand fir/shinyleaf spirea/western brackenfern	ABGR/SPBEL/PTAQ
CWS336	grand fir/common snowberry/pinegrass	ABGR/SYAL/CARU
CWS337	grand fir/mountain snowberry	ABGR/SYOR2
CWS338	grand fir/pinemat manzanita	ABGR/ARNE
CWS4	white fir-grand fir/mallow ninebark	ABCO-ABGR/PHMA5
CWS412	grand fir/Rocky Mountain maple-mallow ninebark	ABGR/ACGL-PHMA5
CWS421	grand fir/mallow ninebark	ABGR/PHMA5
CWS422	grand fir/Douglas maple/bride's bonnet	ABGR/ACGLD4/CLUN2
CWS5	white fir-grand fir/oceanspray-Cascade barberry-vine maple-salal	ABCO-ABGR/HODI-MANE2-ACCI-GASH
CWS511	white fir/oceanspray/desertparsley (steep shallow soil)	ABCO/HODI/LOMAT
CWS521	grand fir/kinnikinnick	ABGR/ARUV
CWS522	grand fir/Cascade barberry	ABGR/MANE2
CWS531	grand fir/oceanspray	ABGR/HODI
CWS532	grand fir/vine maple/sweet after death	ABGR/ACCI/ACTR
CWS533	grand fir/giant chinquapin	ABGR/CHCHC4
CWS534	grand fir/oceanspray (Gifford Pinchot)	ABGR/HODI
CWS535	grand fir/vine maple-hollyleaved barberry/broadleaf starflower	ABGR/ACCI-MAAQ2/TRBOL
CWS536	grand fir/beaked hazelnut/sweet after death	ABGR/COCO6/ACTR
CWS537	grand fir/Pacific dogwood/sweet after death	ABGR/CONU4/ACTR
CWS538	grand fir/vine maple	ABGR/ACCI
CWS541	grand fir/Rocky Mountain maple	ABGR/ACGL
CWS542	grand fir/Rocky Mountain maple (Idaho)	ABGR/ACGL
CWS543	grand fir/Rocky Mountain maple (floodplain)	ABGR/ACGL
CWS551	grand fir/vine maple (Wenatchee)	ABGR/ACCI

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CWS552	grand fir/vine maple-pipsissewa	ABGR/ACCI-CHUM
CWS553	grand fir/vine maple/bride's bonnet	ABGR/ACCI/CLUN2
CWS554	grand fir/oceanspray/pinegrass	ABGR/HODI/CARU
CWS6	white fir-grand fir/whipplea-roughfruit berry-poison oak	ABCO-ABGR/WHMO-RULA2-TOXIC
CWS7	white fir-grand fir/Oregon boxleaf-serviceberry	ABCO-ABGR/PAMY-AMELA
CWS711	grand fir/Oregon boxleaf (Warm Springs)	ABGR/PAMY
CWS712	grand fir/Oregon boxleaf/pinegrass	ABGR/PAMY/CARU
CWS722	grand fir/Oregon boxleaf	ABGR/PAMY
CWS731	white fir/western serviceberry/threeleaf anemone	ABCO/AMAL/ANDE
CWS8	white fir-grand fir/grouse whortleberry	ABCO-ABGR/VASC
CWS811	grand fir/grouse whortleberry	ABGR/VASC
CWS812	grand fir/grouse whortleberry/twinflower	ABGR/VASC/LIB03
CWS821	grand fir/dwarf bilberry	ABGR/VACA13
CWS822	grand fir/dwarf bilberry (Idaho)	ABGR/VACA13
CWS911	Engelmann spruce-white fir (bottoms)	PIEN-ABCO
CWS912	grand fir/Rocky Mountain maple	ABGR/ACGL
CWS931	white fir/poison oak	ABCO/RHDI
CWSC	white fir/shrub (tall, cool)	ABCO/2SHRUB
CWSM	white fir/shrub (southwest Oregon, mesic)	ABCO/2SHRUB
CWX104	Malheur(04) 3A: slope <30%, CWF311, CWS211, CWS811	
CWX120	Winema(20): CWS112, CWS114	
CWX204	Malheur (04) 3B: slope 30-70%, CWF311, CWS211, CWS811	
CWX220	Winema(20): CWH111	
CWX320	Winema(20): CLS311, CMS111, CRS111	
CWX420	Winema(20): CWC1, CWC2, CWC9, CWH1, CWS1	
CWY104	Malheur(04) 5A: slope less 30%, CWG111, CWG112, CDS711	
CWY204	Malheur(04) 5B: slope 30-70%, CWG111, CWG112, CDS711	
CWY304	Malheur(04) 5C: <30%, serpen., CWG111, CWG112, CDS711	
CWY404	Malheur(04) 5D: 30-70%, serpen, CWG111, CWG112, CDS711	
CX	coniferous forest	2TE
D	desert	
DC	cold desert (freezing winters)	
DC10	greasewood	SAVE4
DC1121	greasewood/inland saltgrass	SAVE4/DISP
DC20	shadscale saltbrush	ATCO
DC30	winterfat	KRLA2
DC40	spiny hopsage	GRSP
DC4121	spiny hopsage/Sandberg bluegrass	GRSP/POSE
DCC512	ponderosa pine-Douglas-fir/snowberry	PIPO-PSME/SYMPH

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
DE3121	winterfat/Sandberg bluegrass	KRLA2/POSE
DW	warm desert	
DX	desert	
F	forbland	2FORB
FM	forb (moist, mesic, in forest zone)	2FORB
FM10	western brackenfern-blackberry	PTAQ-RUBUS
FM20	common beargrass	XETE
FM2911	common beargrass-red fescue	XETE-FERU2
FM30	forb-grass	2FORB-2GRAM
FM3011	garden vetch-subalpine fleabane-blue wildrye	VISA-ERPE3-ELGL
FM80	forb (coastal)	2FORB
FM88	lupine (coastal)	LUPIN
FM90	buckwheat (scabland)	ERIOG
FM9111	Douglas' buckwheat/Sandberg bluegrass	ERDO/POSE
FM9112	Blue Mountain buckwheat/Sandberg bluegrass	ERST4/POSE
FM9113	sulphur-flower buckwheat (ridgetops)	ERUMM
FM9122	rock buckwheat/Sandberg bluegrass	ERSP7/POSE
FM9123	Douglas' buckwheat/Sandberg bluegrass	ERDO/POSE
FM9124	cutleaf daisy/Sandberg bluegrass	ERCO4/POSE
FM9125	thymeleaf buckwheat/Sandberg bluegrass	ERTH4/POSE
FM9911	common woolly sunflower-varileaf phacelia	ERLA6/PHHE2
FS	forb (subalpine and alpine)	2FORB
FS10	valerian (subalpine)	VALER
FS20	lupine-Indian paintbrush-buttercup (subalpine, moist)	LUPIN-CAST12-RANUN
FS30	saw-wort-seep monkeyflower-marsh marigold (subalpine-wet)	SAUSS-MIGU-CALTH
FS40	luetkea (subalpine)	LUETK
FS50	poke knotweed (subalpine)	POPH
FS5911	poke knotweed (alpine)	POPH
FS60	lupine-giant mountain aster-grass (subalpine)	LUPIN-CAMO32-2GRAM
FS70	pincushion plant (subalpine)	DILA
FW	forb (wet meadows)	2FORB
FW10	common cowparsnip (wetlands)	HEMA80
FW20	thinleaf cottonsedge/sphagnum-sedge (wetlands)	ERV19/SPHAG2-CAREX
FW2911	common beargrass-red fescue	XETE-FERU2
FW30	Cusick's camas (wetlands)	CACU2
FW3911	Cusick's camas (seepage)	CACU2
FW40	arrowleaf ragwort-bride's bonnet (wetlands)	SETR-CLUN2
FW4111	bride's bonnet-gray alder (wetland)	CLUN2/ALIN2
FW4211	arrowleaf ragwort (wetland)	SETR
FW4212	field horsetail	EQAR
FW4213	northern maidenhair	ADPE
FW4221	northern maidenhair (Mt. Hood and Gifford Pinchot)	ADPE
FW4222	field horsetail (Mt. Hood and Gifford Pinchot)	EQAR
FW4223	American skunkcabbage	LYAM3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
FW4224	seep monkeyflower	MIGU
FW4225	woodsorrel	OXALI
FW4226	arctic sweet coltsfoot	PEFR5
FW4227	brook saxifrage-arrowleaf ragwort	SAOD2-SETR
FW4228	arrowleaf ragwort-giant mountain aster	SETR-CAMO32
FW4229	coastal hedgenettle-common ladyfern	STCHC3-ATFI
FW4230	coastal hedgenettle-seep monkeyflower	STCHC3-MIGU
FW4231	coldwater fumewort	COCAA
FW50	false hellebore (wetlands)	VERAT
FW5111	false hellebore-common cowparsnip	VERAT-HEMA80
FW5121	California false hellebore	VECA2
FX	forb	2FORB
FX4111	Wallowa lewisia (rims)	LECOW
GA	grass (annual vegetation)	2GRAM
GA10	cheatgrass	BRTE
GA20	medusahead	TACA8
GA30	dogtail	
GA40	soft chess	BROMU
GB	bluebunch wheatgrass	PSSP6
GB11	Fendler threeawn-sand dropseed	ARPUL/SPCR
GB1121	sand dropseed-Sandberg bluegrass	SPCR/POSE
GB1122	Fendler threeawn-Sandberg bluegrass	ARPUL/POSE
GB1211	sand dropseed (river terrace)	SPCR
GB1911	bluebunch wheatgrass-sand dropseed-Fendler threeawn	PSSPS-SPCR-ARPUL
GB20	needle and thread	HECOC8
GB2121	needle and thread-Sandberg bluegrass	HECOC8/POSE
GB2122	needle and thread-Sandberg bluegrass-snow buckwheat	HECOC8/POSE/ERNI2
GB30	squirreltail	ELELE
GB40	bluebunch wheatgrass	PSSP6
GB41	bluebunch wheatgrass	PSSPS
GB4111	bluebunch wheatgrass-parsnipflower buckwheat	PSSPS-ERHE2
GB4112	bluebunch wheatgrass-Sandberg bluegrass-narrowleaf skullcap	PSSPS-POSE-SCAN3
GB4113	bluebunch wheatgrass-Sandberg bluegrass (basalt)	PSSPS-POSE
GB4114	bluebunch wheatgrass-Sandberg bluegrass-Cusick's milkvetch	PSSPS-POSE-ASCU5
GB4115	bluebunch wheatgrass-Sandberg bluegrass-shaggy fleabane	PSSPS-POSE-ERPU2
GB4116	bluebunch wheatgrass-Sandberg bluegrass (granite)	PSSPS-POSE
GB4117	bluebunch wheatgrass-Sandberg bluegrass-Snake River phlox	PSSPS-POSE-PHC010
GB4118	bluebunch wheatgrass-Sandberg bluegrass-plains pricklypear	PSSPS-POSE-OPPO
GB4121	bluebunch wheatgrass-Sandberg bluegrass	PSSP6-POSE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
GB4122	bluebunch wheatgrass-Idaho fescue	PSSP6-FEID
GB42	bluebunch wheatgrass (seeded or native)	PSSP6
GB43	crested wheatgrass (seeded)	AGCR
GB4911	bluebunch wheatgrass-Sandberg bluegrass-onespike danthonia (shallow soil, scabland)	PSSPS-POSE-DAUN
GB4912	bluebunch wheatgrass-Idaho fescue (deep soil, gentle slopes)	PSSPS-FEID
GB4913	bluebunch wheatgrass-Sandberg bluegrass (shallow soil, steep slopes)	PSSPS-POSE
GB4914	bluebunch wheatgrass-Idaho fescue (deep soil, steep slopes)	PSSPS-FEID
GB50	fescue	FESTU
GB5121	common snowberry/Idaho fescue/silky lupine	SYAL/FEID/LUSE4
GB5122	Idaho fescue-Nootka rose	FEID-RONU
GB5123	Idaho fescue-houndstongue hawkweed	FEID-HICY
GB59	Idaho fescue-bluebunch wheatgrass	FEID-PSSPS
GB5911	Idaho fescue-prairie Junegrass (ridge)	FEID-KOMA
GB5912	Idaho fescue-prairie Junegrass (mounds)	FEID-KOMA
GB5913	Idaho fescue-prairie Junegrass (high elevation)	FEID-KOMA
GB5914	Idaho fescue-prairie Junegrass (low elevation)	FEID-KOMA
GB5915	Idaho fescue-bluebunch wheatgrass (ridge)	FEID-PSSPS
GB5916	Idaho fescue-bluebunch wheatgrass-silky lupine	FEID-PSSPS-LUSE4
GB5917	Idaho fescue-bluebunch wheatgrass-arrowleaf balsamroot	FEID-PSSPS-BASA3
GB5918	Idaho fescue-bluebunch wheatgrass-Snake River phlox	FEID-PSSPS-PHCO10
GB5919	common snowberry/Idaho fescue-prairie Junegrass	SYAL/FEID-KOMA
GB5920	Idaho fescue-timber oatgrass-sedge	FEID-DAIN-CAREX
GB5921	Idaho fescue-Hood's sedge	FEID-CAHO5
GB5922	Idaho fescue-Geyer's sedge	FEID-CAGE2
GB60	rough fescue	FECA4
GB70	giant wildrye	LECI4
GB7111	basin wildrye	LECI4
GB7121	basin wildrye/inland saltgrass	LECI4/DISP
GB90	bluebunch wheatgrass (scabland)	PSSP6
GB9111	Sandberg bluegrass-onespike danthonia	POSE-DAUN
GB99	Sandberg bluegrass-onespike danthonia (scabland)	POSE-DAUN
GBB0	bluebunch wheatgrass (biscuit swale)	PSSP6
GBB911	biscuit-scabland complex	
GBB921	Idaho fescue-prairie Junegrass/Sandberg bluegrass-onespike danthonia (mounds)	FEID-KOMA/POSE-DAUN
GBC0	bluebunch wheatgrass-scattered conifers	PSSP6-2TE
GBFX	grass-forb (Snake River)	2GRAM-2FORB
GBRR	bluebunch wheatgrass (very rocky, little vegetation)	PSSP6
GBRS	bluebunch wheatgrass (steep, stony, little vegetation)	PSSP6
GBRX	bluebunch wheatgrass (rocky or steep, little vegetation)	PSSP6

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
GBS0	bluebunch wheatgrass-shrub	PSSP6-2SHRUB
GBX104	Malheur(04) 7A: slope less 30%, GB4911, GB4912	
GBX204	Malheur(04) 7B: slope 30-70%, GB4913, GB4914	
GBX304	Malheur(04) 7C: slope less 30%, serpentine, GB4911, GB4912	
GBX404	Malheur(04) 7D: slope 30-70%, serpentine, GB4913, GB4914	
GM	grass (moist, mesic, within forest zone)	2GRAM
GM10	needlegrass (interior valley, Willamette, Puget Sound)	ACHNA
GM20	red fescue (interior valley, Willamette, Puget Sound; coastal)	FERU2
GM30	oatgrass-needlegrass (interior valley)	ARRHE-ACHNA
GM40	grass (floodplain)	2GRAM
GM4111	bluejoint	CACA4
GM4112	blue wildrye	ELGL
GM4121	blue wildrye-bromegrass	ELGL-BROMU
GM80	grass (coastal)	2GRAM
GMB9	Puget mima mounds	
GMC9	grass/scattered conifers (moist, mesic)	2GRAM/2TE
GMFX	grass-forb (mesic)	2GRAM/2FORB
GR	grass-sedge	2GRAM/CAREX
GR10	sedge (low)	CAREX
GR20	blue grama	BOGR2
GR30	inland saltgrass	DISP
GR3121	inland saltgrass	DISP
GR80	beachgrass	AMMOP
GR81	beachgrass (foredune, sandy dune geology)	AMMOP
GR8111	beachgrass (foredune)	AMMOP
GR82	beachgrass (hummocks, sand dune geology)	AMMOP
GR8211	beachgrass/lupine/bluegrass (hummocks, occasionally wet, dense)	AMMOP/LUPIN/POA
GR8212	beachgrass/lupine (hummocks, occasionally wet, unstable, open)	AMMOP/LUPIN
GR8213	beachgrass/lupine/bluegrass (hummocks, dry, eroding)	AMMOP/LUPIN/POA
GR83	beachgrass (dune slip face)	AMMOP
GR8311	beachgrass (dune slip face, stabilized)	AMMOP
GS	grass (subalpine or alpine)	2GRAM
GS10	western needlegrass (alpine)	ACOCO
GS11	greenleaf fescue	FEVI
GS1111	greenleaf fescue-Hood's sedge	FEVI-CAH05
GS1112	greenleaf fescue-silvery lupine	FEVI-LUARL5
GS12	Idaho fescue (alpine)	FEID
GS1211	Idaho fescue (subalpine)	FEID
GS13	rough fescue (alpine)	FECA4
GS20	sedge (alpine, tall)	CAREX

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
GS30	sedge (alpine, short, dense)	CAREX
GS3911	Geyer's sedge (subalpine)	CAGE2
GS40	sedge (alpine, short, thin)	CAREX
GS50	needlegrass/squirreltail (alpine)	ACHNA/ELEL5
GSC0	grasslands-scattered conifers (subalpine to alpine)	2GRAM-2TE
GSXX	grasslands (alpine xeric)	2GRAM
GSY104	Malheur(04) 9C: slope-30%, serpent, SD91 11, CJS8 11, GS91 11	
GSY204	Malheur(04) 9D: 30-70%, serpentine, SD91 11, CJS8 11, GS91 11	
GX	grass	2GRAM
HA	red alder	ALRU2
HAC0	red alder/conifers	ALRU2/2TE
HAF0	red alder/forb	ALRU2/2FORB
HAF1	red alder/western swordfern	ALRU2/POMU
HAF2	red alder/short forbs	ALRU2/2FORB
HAF211	red alder/arctic sweet coltsfoot	ALRU2/PEFRP
HAF221	red alder/blue wildrye	ALRU2/ELGL
HAF222	red alder/woodsorrel	ALRU2/OXALI
HAF223	red alder/arctic sweet coltsfoot	ALRU2/PEFR5
HAF224	red alder/coastal hedgenettle	ALRU2/STCHC3
HAF225	red alder/youth on age-Siberian springbeauty	ALRU2/TOME-CLIS
HAH0	red alder/hardwoods	ALRU2/2TD
HAM0	red alder (wetlands, moist to wet soil)	ALRU2
HAM1	red alder (overflow bottomland)	ALRU2
HAM2	white alder (overflow bottomland)	ALRH2
HAS0	red alder/shrub	ALRU2/2SHRUB
HAS1	red alder/salmonberry-thimbleberry	ALRU2/RUSP-RUPA
HAS111	red alder/thimbleberry	ALRU2/RUPA
HAS112	red alder/salmonberry/woodsorrel	ALRU2/RUSP/OXALI
HAS113	red alder/salmonberry/youth on age	ALRU2/RUSP/TOME
HAS2	red alder/Pacific ninebark-common snowberry	ALRU2/PHCA11-SYAL
HAS211	red alder/Pacific ninebark	ALRU2/PHCA11
HAS3	red alder/vine maple	ALRU2/ACCI
HAS311	red alder/vine maple	ALRU2/ACCI
HAS4	red alder/devilsclub	ALRU2/OPHO
HAS411	red alder/devilsclub	ALRU2/OPHO
HAZ212	red alder (TM type map, temporary, Siusilaw)	ALRU2
HAZ312	red alder-conifer (TM type map, temporary, Siusilaw)	ALRU2/2TE
HB	bigleaf maple	ACMA3
HBM0	bigleaf maple (wetlands, moist to wet soil)	ACMA3
HBM1	bigleaf maple (overflow bottomlands, moist)	ACMA3
HBS0	bigleaf maple/shrub	ACMA3/2SHRUB
HBS1	bigleaf maple/vine maple (talus slopes)	ACMA3/ACCI
HBS2	bigleaf maple/hazelnut/western swordfern	ACMA3/CORYL/POMU
HC	black cottonwood-ash (bottom land, overflow bottom)	POBAT-FRAXI

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
HCC0	cottonwood-ash-scattered conifers (bottomland)	POPUL-FRAXI-2TE
HCC111	black cottonwood-Engelmann spruce/alder-dogwood	POBAT-PIEN/ALNUS-CORNU
HCG0	black cottonwood-ash/grass-sedge	POBAT-FRAXI/2GRAM-CAREX
HCG111	black cottonwood/widefruit sedge (wetlands)	POBAT/CAAN15
HCS0	cottonwood-willow/shrub	POPUL-SALIX/2SHRUB
HCS1	cottonwood-willow	POBAT-SALIX
HCS111	black cottonwood/thinleaf alder/woolly sedge	POBAT/ALINT/CAPE42
HCS112	black cottonwood/Pacific willow	POBAT/SALUL
HCS113	black cottonwood/thinleaf alder-redosier dogwood	POBAT/ALINT-COSES
HCS114	black cottonwood/Rocky Mountain maple	POBAT/ACGL
HCS121	black cottonwood/western water hemlock (wetlands)	POBAT/CIDO
HCS2	ash-willow	FRAXI-SALIX
HCS3	black cottonwood/common snowberry-spirea	POBAT/SYAL-SPIRA
HCS311	black cottonwood/common snowberry/bluegrass (wetlands)	POBAT/SYAL/POA
HCXX	black cottonwood	POBAT
HL	canyon live oak (canyon over 16 ft tall)	QUCH2
HLRR	canyon live oak (rocky with little ground vegetation)	QUCH2
HLRS	canyon live oak (steep, stony with little ground vegetation)	QUCH2
HLRX	canyon live oak (rocky or steep sites with little ground vegetation)	QUCH2
HM	Pacific madrone	ARME
HMRR	Pacific madrone (rocky sites with little ground vegetation)	ARME
HMRS	Pacific madrone (steep sites with little ground vegetation)	ARME
HMRX	Pacific madrone (rocky or steep sites with little ground vegetation)	ARME
HMS0	Pacific madrone/shrub	ARME/2SHRUB
HMS1	Pacific madrone/canyon live oak	ARME/QUCH2
HO	Oregon white oak-California black oak	QUGA4-QUKE
HOF0	Oregon white oak-California black oak/forb	QUGA4-QUKE/2FORB
HOF1	Oregon white oak-California black oak/strawberry-yarrow	QUGA4-QUKE/FRAGA-ACHIL
HOF111	Oregon white oak/woods strawberry/hedgehog dogtail	QUGA/FRVEB/CYEC
HOG0	Oregon white oak-California black oak/grass	QUGA4-QUKE/2GRAM
HOG1	Oregon white oak-California black oak/bunchgrass	QUGA4-QUKE/2GRAM
HOG111	Oregon white oak/bluebunch wheatgrass	QUGA4/PSSPS
HOG2	Oregon white oak-California black oak/rhizomatous grass	QUGA4-QUKE/2GRAM
HOG211	Oregon white oak/pinegrass-Geyer's sedge	QUGA4/CARU-CAGE2
HOG3	Oregon white oak-California black oak/annual grass	QUGA4-QUKE/2GRAM
HOS0	Oregon white oak-California black oak/shrub	QUGA4-QUKE/2SHRUB

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
HOS1	Oregon white oak-California black oak/Pacific poison oak	QUGA4-QUKE/TODI
HOS2	Oregon white oak-California black oak/cherry-common snowberry	QUGA4-QUKE/PRUNU-SYAL
HOS3	Oregon white oak-California black oak/serviceberry-common snowberry	QUGA4-QUKE/AMELA-SYAL
HOS311	Oregon white oak/beaked hazelnut-common snowberry	QUGA4/COCO6-SYAL
HOS4	Oregon white oak-California black oak/beaked hazelnut	QUGA4-QUKE/COCO6
HOS5	Oregon white oak-California black oakdeerbrush	QUGA4-QUKE/CEIN3
HOS6	Oregon white oak-California black oak/bitterbrush	QUGA4-QUKE/PURSH
HQ	quaking aspen	POTR5
HQC0	quaking aspen-conifers	POTR5-2TE
HQC111	quaking aspen-lodgepole pine/rose spirea/forb	POTR5-PICO/SPDO/2FORB
HQC112	quaking aspen-lodgepole pine/kinnikinnick	POTR5-PICO/ARUV
HQG0	quaking aspen/grass (dryland)	POTR5/2GRAM
HQG1	quaking aspen/pinegrass	POTR5/CARU
HQG111	quaking aspen/pinegrass	POTR5/CARU
HQM0	quaking aspen (wetlands, moist to wet soils)	POTR5
HQM1	quaking aspen/grass (wetland)	POTR5/2GRAM
HQM121	quaking aspen/blue wildrye	POTR5/ELGL
HQM122	quaking aspen/Kentucky bluegrass	POTR5/POPR
HQM123	quaking aspen/bluejoint	POTR5/CACA4
HQM2	quaking aspen/Nebraska sedge (wetland)	POTR5/CANE2
HQM211	quaking aspen/woolly sedge	POTR5/CAPE42
HQM3	quaking aspen/short sedge (wetland)	POTR5/CAREX
HQM4	quaking aspen/shrub (wetland)	POTR5/2SHRUB
HQM411	quaking aspen-lodgepole pine/rose spirea/widefruit sedge	POTR5-PICO/SPDO/CAAN15
HQS0	quaking aspen/shrub	POTR5/2SHRUB
HQS1	quaking aspen/hawthorn	POTR5/CRATA
HQS2	quaking aspen/common snowberry	POTR5/SYAL
HQS211	quaking aspen/common snowberry	POTR5/SYAL
HQS221	quaking aspen/common snowberry/ blue wildrye	POTR5/SYAL/ELGL
HQS3	quaking aspen/sagebrush	POTR5/ARTEM
HT	tanoak (over 16 feet tall)	LIDE3
HTC0	tanoak-conifers	LIDE3-2TE
HTC1	tanoak-redwood	LIDE3-SESE3
HTC111	tanoak-coast redwood	LIDE3-SESE2
HTC2	tanoak-western hemlock	LIDE3-TSHE
HTC211	tanoak-western hemlock	LIDE3-TSHE
HTC3	tanoak-Port Orford cedar	LIDE3-CHLA
HTC311	tanoak-Port-Orford cedar	LIDE3-CHLA
HTC4	tanoak-white fir	LIDE3-ABCO
HTC411	tanoak-white fir-vine maple	LIDE3-ABCO-ACCI

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
HTC412	tanoak-white fir	LIDE3-ABCO
HTH0	tanoak-hardwoods	LIDE3-2TD
HTH1	tanoak-canyon live oak	LIDE3-QUCH2
HTH111	tanoak-canyon live oak	LIDE3-QUCH
HTH112	tanoak-canyon live oak/dwarf Oregon grape	LIDE3-QUCH/BENE
HTH2	tanoak-California laurel	LIDE3-UMCA
HTH211	tanoak-California laurel	LIDE3-UMCA
HTH3	tanoak-vine maple	LIDE3-ACCI
HTH311	tanoak/vine maple	LIDE3/ACCI
HTRR	tanoak (rocky, little ground vegetation)	LIDE3
HTRS	tanoak (steep slopes, little ground vegetation)	LIDE3
HTRX	tanoak (rocky or steep sites, little ground vegetation)	LIDE3
HTS0	tanoak/shrub	LIDE3/2SHRUB
HTS1	tanoak/California huckleberry	LIDE3/VAOV2
HTS111	tanoak/evergreen huckleberry-salal	LIDE3/VAOV2-GASH
HTS112	tanoak/evergreen huckleberry	LIDE3/VAOV2
HTS2	tanoak/Pacific rhododendron	LIDE3/RHODO
HTS221	tanoak/Pacific rhododendron	LIDE3/RHMA
HTS222	tanoak/Pacific rhododendron-evergreen huckleberry	LIDE3/RHMA-VAOV2
HTS223	tanoak/Pacific rhododendron-salal	LIDE3/RHMA-GASH
HTS3	tanoak/creeping barberry-common snowberry	LIDE3/MARE11-SYAL
HTS311	tanoak/dwarf Oregon grape	LIDE3/BENE
HTS312	tanoak/dwarf Oregon grape-poison oak	LIDE3/BENE-RHDI
HTS321	tanoak/salal	LIDE3/GASH
HTS331	tanoak/salal-Pacific rhododendron	LIDE3/GASH-RHMA
HTS341	tanoak/salal-dwarf Oregon grape	LIDE3/GASH-BENE
HTS4	tanoak/Pacific poison oak	LIDE3/TODI
HTS411	tanoak/poison oak-hairy honeysuckle	LIDE3/RHDI-LOHI
HTS5	tanoak/California buckthorn	LIDE3/FRCA12
HTS511	tanoak/California coffeeberry	LIDE3/RHCA
HX	hardwood	2TD
MD	meadow, dry (water table available part of the growing season)	
MD10	Cusick's bluegrass (dry meadow)	POCU3
MD1911	Cusick's bluegrass (dry meadow)	POCU3
MD20	tufted hairgrass (dry meadow)	DECA18
MD30	Kentucky bluegrass (dry meadow)	POPR
MD3111	Kentucky bluegrass (dry meadow)	POPR
MD3112	Kentucky bluegrass (meadows on ridges)	POPR
MDC0	scattered conifers (dry meadow)	2TE
MDMW	grass-sedge (dry, moist and wet meadows)	2GRAM/CAREX
MM	meadow, moist (water table available all growing season)	
MM10	tufted hairgrass (moist meadow)	DECA18
MM19	tufted hairgrass (moist meadow)	DECA18
MM1911	tufted hairgrass-Nebraska sedge	DECA18-CANE2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
MM1912	tufted hairgrass (moist meadow)	DECA18
MM1921	tufted hairgrass-sedge (moist meadow)	DECA18-CAREX
MM1922	tufted hairgrass-sedge (wet meadow)	DECA18-CAREX
MM20	sedge (tall, moist meadow)	CAREX
MM2911	woolly sedge (moist meadow)	CAPE42
MM2912	Nebraska sedge (moist meadow)	CANE2
MM2913	widefruit sedge (moist meadow)	CAAN15
MM2914	water sedge (aquatic moist meadow)	CAAQ
MM2915	analogue sedge (moist meadow)	CASI2
MM2916	woodrush sedge (moist meadow)	CALU7
MM2917	Northwest Territory sedge (moist meadow)	CAUT
MM2918	Cusick's sedge (moist meadow)	CACU5
MM2919	lakeshore sedge (moist meadow)	CALEL
MM2920	woollyfruit sedge (moist meadow)	CALA11
MM2921	bigleaf sedge (moist meadow)	CAAM10
MM2922	naked sedge (moist meadow)	CANU5
MM2924	panicled bulrush (moist meadow)	SCM12
MM2925	fowl mannagrass (moist meadow)	GLST
MM2931	lakeshore sedge	CALE8
MM30	sedge (short, moist meadow)	CAREX
MM3911	sedge-Howell's marsh marigold	CAREX/CALEH2
MM40	redtop (moist meadow)	AGGI2
MM50	sedge (moist meadow)	CAREX
MM80	grass-forb (moist meadow, coastal)	2GRAM-2FORB
MM90	Kentucky bluegrass (moist meadow)	POPR
MMB0	meadow complex/wet-moist-dry pothole	
MMB8	slough sedge-rush-red fescue (deflation plain potholes/slough)	CAOB3-JUNCU-FERU2
MMC0	conifer (moist meadow)	2TE
MMX104	Malheur(04) 10A: slope less 15%, MD, MM, MW (meadows)	
MS	meadow (subalpine/alpine moist)	
MS10	grass-sedge-forb (subalpine dry meadows)	2GRAM-CAREX-2FORB
MS1111	Brewer's sedge (dry subalpine meadow)	CABR12
MS20	grass-sedge (subalpine moist meadows)	2GRAM-CAREX
MS2111	black alpine sedge (moist subalpine meadow)	CANI2
MS2112	broom sedge-black alpine sedge-tufted hairgrass (subalpine meadow)	CASC11-CANI2-DECA18
MS25	forb (subalpine moist meadows)	2FORB
MS30	grass-sedge-forb (subalpine wet meadows)	2GRAM-CAREX-2FORB
MS3111	mountain sedge (subalpine wet meadow)	CASC12
MSC0	conifer (subalpine to alpine meadows)	2TE
MSXX	grass-sedge (subalpine to alpine meadow)	2GRAM-CAREX
MT	Tule meadow (standing water most or all of growing season)	SCACO2
MT19	bulrush	SCIRP

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
MT1911	sedge-panicled bulrush (hydric)	CAREX-SCMI2
MT1921	panicled bulrush	SCMI2
MT80	cattail-bulrush	TYPHA/SCIRP
MT8111	cattail-bulrush/waterlily-waterweed	TYPHA-SCIRP/NYMPH-ELODE
MT99	water (coastal saline)	
MW	meadow, wet (surface moist or wet all growing season)	
MW10	sedge (tall, wet meadow)	CAREX
MW1911	Nebraska sedge-Baltic rush (wet meadow)	CANE2-JUBA
MW1921	panicled bulrush-bigleaf sedge	SCMI2-CAAM10
MW1922	Sitka sedge	CAAQD
MW1923	blister sedge	CAVE6
MW1924	beaked sedge	CAR06
MW1925	greenfruit sedge	CAIN17
MW20	sedge (short, wet meadow)	CAREX
MW2911	woollyfruit sedge	CALA11
MW30	rush (wet meadow)	
MW3911	Sierra rush	JUNE
MW3912	Baltic rush	JUBA
MW40	spike sedge (wet meadow)	CANA2
MW4911	fewflower spikerush	ELQU2
MW4912	common spikerush	ELPA3
MW80	wet meadow-coastal, fresh water	
MW8111	slough sedge/American skunk cabbage-red currant (valley fill)	CAOB3/LYAM3-RITR
MW8112	slough sedge/waterlily-pondweed-cattail	CAOB3/NYMPH-POTAM-TYPHA
MW90	wet meadow-coastal, salt spray influence	
MWC0	scattered conifers (wet meadow, surface moisture)	2TE
MX	grass-sedge (meadow)	2GRAM/CAREX
NA	avalanche paths, sparsely to non-vegetated	
NAC0	scattered conifers (avalanche path)	2TE
NAS0	shrub (scattered, avalanche path)	2SHRUB
NC	cinders, lava flow, mud flow, glacial wash (less than 10% vegetation)	
NCA0	alpine-subalpine cinders, lava flow, mud flow, glacial wash	
NCA1	whitebark pine-subalpine fir-mountain hemlock (alpine)	PIAL-ABLA-TSME
NCA111	whitebark pine-mountain hemlock/Pacific hulsea (steep cinders)	PIAL-TSME/HUAL
NCA2	grass-sedge (alpine, cinders, lava, pumice)	2GRAM/CAREX
NCA3	common juniper (alpine, cinders, lava, pumice)	JUC06
NCA4	Pacific hulsea-pincushionplant (cinders, lava flow, glacial wash)	HUAL-NAVAR
NCA411	Pacific hulsea (alpine, steep cinders)	HUAL
NCC0	conifer (cinders, lavas, outwash)	2TE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
NCC1	mountain hemlock-subalpine fir-whitebark pine-lodgepole pine (cinders, lava, pumice)	TSME-ABLA-PIAL-PICO
NCC111	whitebark pine/beardtongue (alpine, pumice-lava)	PIAL/PENST
NCC2	western hemlock (cinders, lava, pumice)	TSHE
NCC3	Douglas-fir (cinders, lava)	PSME-ABIES
NCC4	Douglas-fir-oak (cinders, lava)	PSME-QUERC
NCC5	lodgepole pine (cinders, lava)	PICO
NCC6	ponderosa pine (cinders, lava)	PIPO
NCH0	hardwood (cinders, lavas, outwash)	2TD
NCH1	red alder-quaking aspen (mud-glacial flows)	ALRU2-POTR5
NCS0	shrub (scattered, cinders, lavas, outwash)	2SHRUB
NCS1	vine maple (cinders, lavas, outwash)	ACCI
NCS111	shrub (lava flows)	2SHRUB
NCS2	Sitka alder-willow (cinders, lavas, outwash)	ALVIS-SALIX
NF	flood plain periodically denuded of vegetation	
NFC0	conifer (non-vegetated flood plain)	2TE
NFS0	willow-shrubs (non-vegetated flood plain)	SALIX-2SHRUB
NI	ice fields, glaciers, ice caves, ice dominated land	
NIT1	ice tunnel or cave, twilight zone	
NIT2	ice tunnel or cave, zero light zone	
NL	landform failure (natural slumps, avalanches)	
NM	mine tailings, dredgings, man-caused minimal vegetation potential	
NMC0	conifer (mine tailings, dredgings)	2TE
NMC1	lodgepole pine (mine tailings, dredgings)	PICO
NMH0	hardwood (mine tailings, dredgings)	2TD
NMH1	cottonwood (mine tailings, dredgings)	POPUL
NMH2	quaking aspen (mine tailings, dredgings)	POTR5
NMS0	shrub (mine tailings dredgings)	2SHRUB
NMS1	willow (mine tailings, dredgings)	SALIX
NR	rocky land with minimal vegetation potential	
NRA0	rocky land in alpine or subalpine locations	
NRA1	conifer (rocky land, alpine)	2TE
NRA2	grass-sedge (alpine, rocky)	2GRAM/CAREX
NRA3	common juniper (rocky land, alpine)	JUCO6
NRA311	common juniper (subalpine steep scoria)	JUCO6
NRA4	forb (alpine, rocky)	2FORB
NRC0	conifer (rock)	2TE
NRL0	ledge or cliff, steeper than 200% (60 degrees)	
NRL1	ledge or cliff, smooth face, verticle distance less than 20 ft	
NRL2	ledge or cliff, smooth face, verticle distance more than 20 ft	
NRL5	ledge or cliff, broken face/ledges, verticle distance less than 20 feet	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
NRL6	ledge or cliff, broken face/ledges, verticle distance more than 20 feet	
NRL911	rock garden (steep, zeric)	
NRL912	rock garden (steep, moist)	
NRNO	rock, no vegetation	
NRQ0	quarry, rock pit	
NRR0	rock, flat with scattered plants (less than 200% slope)	
NRR911	rock graden (flat, xeric) scattered plants on rock	
NRS0	shrub (rocky land)	2SHRUB
NRT1	tunnel or cave, twilight zone	
NRT2	tunnel or cave, zero light zone	
NS	sand with minimal vegetation, shoreline or interior	
NSG0	grass (scattered with sand dunes)	2GRAM
NSG1	wildrye-wheatgrass (sand dune)	ELYMU/AGROP2
NSG8	beachgrass (coastal sand dune, rolling, partial beachgrass stability)	AMMOP
NSN0	open sand of any dunal character, no vegetation	
NSN111	Pacific coast beach	
NSN2	transverse ridge, sand dune system, no vegetation	
NSN211	transverse ridge, occasionally wet, winter stable	
NSN212	transverse ridge, dry, moving sand	
NSN3	oblique ridge, sand dune system, no vegetation	
NSN311	oblique ridge, fore slope, moving sand	
NSN312	oblique ridge, precipitation ridge, active sand	
NSN313	oblique ridge, precipitation ridge, active, threat, veget	
NSN4	parabola ridge, sand dune system, no vegetation	
NT	talus land with minimal vegetation potential	
NTA0	talus slopes in alpine or subalpine locations	
NTA1	pine-mountain hemlock-subalpine fir (talus)	PINUS-TSME-ABLA
NTA2	grass-sedge (alpine, talus)	2GRAM-CAREX
NTA3	juniper (talus land, alpine)	JUNIP
NTA4	forb (alpine, talus)	2FORB
NTC0	conifer (talus)	2TE
NTH0	hardwood (talus slopes)	2TD
NTH1	bingleaf maple (talus)	ACMA3
NTH2	white oak (talus)	QUAL
NTS0	shrub (talus slopes)	2SHRUB
NTS1	cherry-snowberry-Lewis' mock orange (talus)	PRUNU-GAULT-PHLE4
NTS111	Lewis' mock orange (talus strips)	PHLE4
NTS2	vine maple (talus)	ACCI
NTS211	vine maple (talus slopes)	ACCI
NTS3	Klamath plum (talus)	PRSU2
NTS911	talus slopes with little vegetation	
NX	non-vegetated land, less than 10% vegetation cover	
SC	chaparral, evergreen shrubland, forest zone and nonforest	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SC10	snowbrush ceanothus-chaparral	CEVE
SC20	manzanita	ARCTO3
SC30	oak-tanoak-canyon live oak (less than 16 ft. tall)	QUERC-LIDE3-QUCH2
SC40	mountain mahogany	CERCO
SC50	yerba santa-silktassel	ERIOD/GARRY
SC60	shrub (short)	2SHRUB
SD	sagebrush (dry shrubland, nonforest zone shrubland not desert)	ARTEM
SD10	little sagebrush-black sagebrush	ARAR8-ARNO4
SD1911	little sagebrush/Idaho fescue-bluebunch wheatgrass	ARAR8/FEID-PSSPS
SD1912	little sagebrush/Idaho fescue	ARAR8/FEID
SD1913	little sagebrush/Idaho fescue-squirreltail	ARAR8/FEID-ELELE
SD1921	black sagebrush/bluebunch wheatgrass	ARNO4/PSSP6
SD1922	black sagebrush/Idaho fescue	ARNO4/FEID
SD1924	little sagebrush/bluebunch wheatgrass	ARAR8/PSSP6
SD1925	little sagebrush/Idaho fescue	ARAR8/FEID
SD1926	little sagebrush/Idaho fescue	ARART/FEID
SD20	big sagebrush	ARTR2
SD21	big sagebrush	ARTR2
SD2121	big sagebrush/bluebunch wheatgrass	ARTR2/PSSPS
SD2122	big sagebrush/Idaho fescue	ARTR2/FEID
SD2123	big sagebrush/needle and thread	ARTR2/HECOC8
SD2124	big sagebrush/Sandberg bluegrass	ARTR2/POSE
SD2131	little sagebrush/Idaho fescue	ARARL/FEID
SD2133	Wyoming big sagebrush/Sandberg bluegrass	ARTRW8/POSE
SD2134	Wyoming big sagebrush/squirreltail	ARTRW8/ELELE
SD2135	Wyoming big sagebrush/Thurber's needlegrass	ARTRW8/ACTH7
SD2136	Wyoming big sagebrush/bluebunch wheatgrass	ARTRW8/PSSP6
SD2137	Wyoming big sagebrush/Dore's needlegrass	ARTRW8/ACNED
SD2138	basin big sagebrush/bluebunch wheatgrass	ARTRT/PSSP6
SD2139	basin big sagebrush/Idaho fescue	ARTRT/FEID
SD2140	basin big sagebrush/Dore's needlegrass	ARTRT/ACNED
SD22	threetip sagebrush	ARTR4
SD2221	threetip sagebrush/Idaho fescue	ARTR4/FEID
SD2222	threetip sagebrush/needle and thread	ARTR4/HECOC8
SD2223	threetip sagebrush/bluebunch wheatgrass	ARTR4/PSSPS
SD2231	threetip sagebrush/bluebunch wheatgrass (Idaho)	ARTR4/PSSP6
SD2232	threetip sagebrush/Idaho fescue (Idaho)	ARTR4/FEID
SD23	silver sagebrush	ARCA13
SD2311	big sagebrush/Cusick's bluegrass	ARTR2/POCU3
SD2321	silver sagebrush/Idaho fescue	ARCA13/FEID
SD2911	mountain big sagebrush/Idaho fescue-bluebunch wheatgrass	ARTRV/FEID-PSSPS
SD2912	basin big sagebrush/bluebunch wheatgrass	ARTRT/PSSPS
SD2913	big sagebrush-antelope bitterbrush/Idaho fescue-bluebunch wheatgrass	ARTR2-PUTR2/FEID-PSSPS

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SD2914	big sagebrush/western needlegrass (rhyolite pumice)	ARTR2/ACOCO
SD2915	mountain big sagebrush/Geyer's sedge	ARTRV/CAGE2
SD2916	mountain big sagebrush-antelope bitterbrush/Idaho fescue	ARTRV-PUTR2/FEID
SD2917	mountain big sagebrush-mountain snowberry	ARTRV-SYOR2
SD2921	mountain big sagebrush/bluebunch wheatgrass	ARTRV/PSSP6
SD2922	mountain big sagebrush/Idaho fescue	ARTRV/FEID
SD2923	mountain big sagebrush/Dore's needlegrass	ARTRV/ACNED
SD2924	mountain big sagebrush-mountain snowberry/bluebunch wheatgrass	ARTRV-SYOR2/PSSP6
SD2925	mountain big sagebrush-mountain snowberry/Idaho fescue	ARTRV-SYOR2/FEID
SD2926	mountain big sagebrush-mountain snowberry/Geyer's sedge	ARTRV-SYOR2/CAGE2
SD2927	mountain big sagebrush/bluebunch wheatgrass (xeric)	ARTRV/PSSP6
SD2928	mountain big sagebrush/Idaho fescue (xeric)	ARTRV/FEID
SD30	antelope bitterbrush-squaw apple-mountain snowberry	PUTR2-PERA4-SYOR2
SD31	antelope bitterbrush	PUTR2
SD3111	antelope bitterbrush/Idaho fescue-bluebunch wheatgrass	PUTR2/FEID-PSSPS
SD3112	antelope bitterbrush/bluebunch wheatgrass	PUTR2/PSSPS
SD3121	antelope bitterbrush/needle and thread (Daubenmier)	PUTR2/HECOC8
SD3122	antelope bitterbrush/bluebunch wheatgrass (Daubenmier)	PUTR2/PSSPS
SD3123	antelope bitterbrush/Idaho fescue (Daubenmier)	PUTR2/FEID
SD3131	antelope bitterbrush/bluebunch wheatgrass (Idaho)	PUTR2/PSSP6
SD3132	antelope bitterbrush/Dore's needlegrass (Idaho)	PUTR2/ACNED
SD3311	antelope bitterbrush/western needlegrass-long-stolen sedge	PUTR2/ACOCO-CAIN9
SD40	curl-leaf mountain mahogany	CELE3
SD41	curl-leaf mountain mahogany/bunchgrass	CELE3/2GRAM
SD4111	curl-leaf mountain mahogany/Idaho fescue-bluebunch wheatgrass	CELE3/FEID-PSSPS
SD4112	curl-leaf mountain mahogany/bluebunch wheatgrass	CELE3/PSSP6
SD42	curl-leaf mountain mahogany/rhizomatous grass	CELE3/2GRAM
SD43	curl-leaf mountain mahogany/sagebrush	CELE3/ARTEM
SD44	curl-leaf mountain mahogany/mountain snowberry	CELE3/SYOR2
SD49	curl-leaf mountain mahogany	CELE3
SD50	netleaf hackberry-black hawthorn	CELAR-CRDO2
SD5121	black hawthorn/common snowberry	CRDO2/SYAL
SD5611	netleaf hackberry/bluebunch wheatgrass	CELAR/PSSPS
SD5621	netleaf hackberry/cheatgrass	CELAR/BRTE
SD60	smooth sumac	RHGL
SD6121	smooth sumac/bluebunch wheatgrass	RHGL/PSSPS
SD6122	smooth sumac/sand dropseed	RHGL/SPCR

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SD6123	smooth sumac/Fendler threeawn	RHGL/ARPUL
SD65	spiny greasebush/bluebunch wheatgrass	GLSPA/PSSPS
SD70	rabbitbrush	CHRY9
SD80	common snowberry-cherry-rose	SYAL-PRUNU-ROSA5
SD90	shrub (scabland)	2SHRUB
SD91	scabland sagebrush	ARRI2
SD9111	scabland sagebrush/Sandberg bluegrass (scabland)	ARRI2/POSE
SD9112	scabland sagebrush/Sandberg bluegrass (Idaho)	ARRI2/POSE
SD9121	scabland sagebrush/Sandberg bluegrass (Daubenmier)	ARRI2/POSE
SD9131	scabland sagebrush/Sandberg bluegrass-bigseed biscuitroot (scabland)	ARRI2/POSE-LOMA3
SD92	little sagebrush (scabland)	ARAR8
SD9211	little sagebrush-narrowleaf mock goldenweed/Sandberg bluegrass	ARAR8-STST5/POSE
SD9212	little sagebrush/Sandberg bluegrass-onespike danthonia	ARAR8/POSE-DAUN
SD9221	little sagebrush/Sandberg bluegrass (scabland)	ARAR8/POSE
SD9222	little sagebrush/Sandberg bluegrass (Idaho)	ARAR8/POSE
SD93	buckwheat (scablands)	ERIOG
SD9321	snow buckwheat/Sandberg bluegrass	ERNI2/POSE
SD9322	slender buckwheat/Oregon twinpod	ERMI4/PHOR2
SD9323	sulphur-flower buckwheat/stipa (flats, rhyolite pumice)	ERUM/STIPA
SDB9	biscuit-scabland (complex)	
SDC0	sagebrush-conifer-shrub (dry)	ARTEM-2TE-2SHRUB
SDX104	Malheur(04) 8A: less 30%/SD19 11, SD29 11, SD39, SD49, CPS1 11, CJS1 11, CJS2 11	
SDX204	Malheur(04) 8B: 30-70%/SD19 11, SD29 11, SD39, SD49, CPS1 11, CJS1 11, CJS2 11	
SDXX	shrub (xeric)	2SHRUB
SDY104	Malheur(04) 9A: less 30% slope/SD91 11, CJS8 11, GB91 11. SCAB	
SDY204	Malheur(04) 9B: slope 30-70%/SD91 11, CJS8 11, GB91 11. SCAB	
SM	shrub (moist, mesic, forest zone)	2SHRUB
SM10	mallow ninebark	PHMA5
SM1111	mallow ninebark-common snowberry	PHMA5-SYAL
SM19	mallow ninebark	PHMA5
SM20	Sitka alder (snow slides)	ALVIS
SM30	cherry-mock orange-snowberry-serviceberry-rose- oceanspray-ceanothus	PRUNUS-PHILA-GAULT-AMELA- ROSA5-HOLOD-CEANO
SM31	common snowberry (shrubland)	SYAL
SM3111	common snowberry-rose	SYAL/ROSA5
SM32	mountain snowberry	SYOR2
SM3911	shrub (bottoms)	2SHRUB
SM40	blueberry	VACCI

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SM50	salmonberry-blackberry	RUSP-RUBUS
SM5911	thimbleberry-poke knotweed	RUPA-POPH
SM80	shrub (coastal, west-side)	2SHRUB
SM81	shrub (tall)	2SHRUB
SM8111	Sitka alder (rocky soil)	ALVIS
SM8112	vine maple (rocky soil)	ACCI
SM82	shrub (mid)	2SHRUB
SM83	shrub (short)	2SHRUB
SM84	gorse	ULEX
SM90	shrub (scabland dominated by mesic shrubs)	2SHRUB
SMB0	shrub-buckwheat (biscuit-scabland complex, moist)	2SHRUB-ERIOG
SMC0	shrub-scattered conifers (moist, mesic, in forest zone)	2SHRUB/2TE
SMXX	shrub (mesic)	2SHRUB
SS	shrub (subalpine and alpine)	2SHRUB
SS10	heath-mountain heather (alpine)	ERICA/CASSI3
SS1911	pink mountainheath (meadow)	PHEM
SS20	juniper (alpine mountain)	JUNIP
SS30	shrub (alpine deciduous)	2SHRUB
SS40	mountain big sagebrush	ARTRV
SS4911	mountain big sagebrush/Geyer's sedge	ARTRV/CAGE2
SS4912	mountain big sagebrush/Geyer's sedge (Idaho)	ARTRV/CAGE2
SS4913	mountain big sagebrush/California brome	ARTRV/BRCA5
SS4921	little sagebrush/red fescue (alpine)	ARAR8/FERU2
SS50	alpine low blueberry	VAAN
SSC0	shrub-conifer (subalpine)	2SHRUB-2TE
SSX104	Malheur(04) 1A: SS49 11, GS39 11, GS12 11, CAG1 11, FS59 11	
SSXX	shrub (subalpine)	2SHRUB
SW	shrub (wetlands, shrubs less than 16 ft. tall)	2SHRUB
SW10	willow (wetlands)	SALIX
SW1111	willow/Kentucky bluegrass	SALIX/POPR
SW1112	willow/woolly sedge	SALIX/CAPE42
SW1113	willow/widefruit sedge	SALIX/CAAN15
SW1114	willow/water sedge	SALIX/CAAQ
SW1115	willow/Sitka sedge	SALIX/CAAQD
SW1116	willow/beaked sedge	SALIX/CAR06
SW1117	narrowleaf willow	SAEX
SW1118	willow/Columbian monkshood	SALIX/ACCO4
SW1119	willow/tufted hairgrass	SALIX/DECA18
SW1120	mountain willow-undergreen willow (bog)	SAEA-SAC02
SW1121	mountain willow-undergreen willow/mountain sedge	SAEA-SAC02/CASC12
SW1122	mountain willow-Booth's willow/black alpine sedge	SAEA-SAB02/CANI2
SW1123	willow/Northwest Territory sedge	SALIX/CAUT
SW1131	Sitka willow	SASI2
SW1132	Sitka willow/arctic sweet coltsfoot	SASI2/PEFR5
SW20	alder (wetlands)	ALNUS

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SW21	white alder	ALRH2
SW2111	Sitka alder/common ladyfern	ALVIS/ATFI
SW2112	Sitka alder/drooping woodreed	ALVIS/CILA2
SW2113	Sitka alder/common cowparsnip	ALVIS/HEMA80
SW2114	gray alder/bigleaf sedge	ALIN2/CAAM10
SW2115	gray alder/Northwest Territory sedge	ALIN2/CAUT
SW2116	gray alder/common ladyfern	ALIN2/ATFI
SW2117	gray alder/field horsetail	ALIN2/EQAR
SW2118	gray alder/Dewey sedge	ALIN2/CADE9
SW2119	gray alder/common cowparsnip	ALIN2/HEMA80
SW2120	gray alder/Kentucky bluegrass	ALIN2/POPR
SW2121	gray alder/bluejoint	ALIN2/CACA4
SW2122	gray alder/panicled bulrush	ALIN2/SCMI2
SW2123	gray alder/woolly sedge	ALIN2/CAPE42
SW2131	gray alder-oval-leaf blueberry	ALIN2-VAOV
SW2132	Sitka alder	ALVIS
SW2211	gray alder/common snowberry	ALIN2/SYAL
SW2212	gray alder/rose spirea	ALIN2/SPDO
SW2213	gray alder (spring)	ALIN2
SW2214	gray alder (bank)	ALIN2
SW2215	gray alder/fowl mannagrass	ALIN2/GLST
SW2216	gray alder-redosier dogwood/mesic forb	ALIN2-COSES/2FORB
SW2217	gray alder-currant/mesic forb	ALIN2-RIBES/2FORB
SW25	red alder (shrubby lifeform)	ALRU2
SW2511	red alder (shrubby lifeform)	ALRU2
SW2512	red alder (shrubby)/Carolina bugbane	ALRU2/TRCA
SW2911	gray alder (shrubfield)	ALIN2
SW30	black hawthorn (wetlands)	CRDO2
SW3111	black hawthorn	CRDO2
SW3120	black hawthorn/common snowberry	CRDO2/SYAL
SW3121	quaking aspen/black hawthorn/common snowberry	POTR5/CRDO2/SYAL
SW3122	black hawthorn/common cowparsnip	CRDO2/HEMA80
SW3123	quaking aspen/black hawthorn/common cowparsnip	POTR5/CRDO2/HEMA80
SW40	rose spirea-bog blueberry (wetlands)	SPDO/VAUL
SW4111	bog blueberry/Sitka sedge	VAUL/CAAQD
SW4112	bog blueberry/fewflower spikerush	VAUL/ELQU2
SW4113	rose spirea	SPDO
SW4121	blueberry-rose meadowsweet/grass (wetland)	VACCI-SPSPS/2GRAM
SW4122	rose spirea-bog blueberry/sedge (wetland)	SPDO-VAUL/CAREX
SW4123	spirea-willow/sedge (wetland)	SPIRA-SALIX/CAREX
SW4131	redosier dogwood	COSES
SW4132	oval-leaf blueberry	VAOV
SW50	currant-shrubby cinquefoil	RIBES/DAFL3
SW5111	currant/drooping woodreed	RIBES/CILA2
SW5112	redosier dogwood	COSES
SW5113	shrubby cinquefoil/tufted hairgrass	DAFL3/DECA18

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SW5114	shrubby cinquefoil/Kentucky bluegrass	DAFL3/POPR
SW5121	stink currant-salmonberry/woodsorrel	RIBR-RUSP/OXALI
SW5122	stink currant-salmonberry/arctic sweet coltsfoot	RIBR-RUSP/PEFR5
SW5123	stink currant-salmonberry/youth on age	RIBR-RUSP/TOME
SW60	silver sagebrush-mountain big sagebrush (meadow)	ARCA13/ARTRV
SW6111	silver sagebrush/tufted hairgrass	ARCA13/DECA18
SW6112	silver sagebrush/Kentucky bluegrass	ARCA13/POPR
SW6113	mountain big sagebrush/Cusick's bluegrass	ARTRV/POCU3
SW70	vine maple	ACCI
SW7111	vine maple-gray alder	ACCI-ALIN2
SW7112	vine maple/coastal hedgenettle	ACCI/STCHC3
SW7113	devilsclub	OPHO
SW80	willow (coastal shrub wetlands)	SALIX/MYRIC
SW81	shrub (coastal in a deflation plain)	2SHRUB
SW8111	shrub (deflation plain, high water)	2SHRUB
SW8112	salal-blueberry-willow (deflation plain, high water)	GASH-VACCI-SALIX
SWC0	shrub-conifer (wet)	2SHRUB/2TE
SWXX	shrub (wet)	2SHRUB
SX	shrub	2SHRUB
TX	tundra	
WC0	white fir and grand fir with associated conifers	ABCO-ABGR-2TE
WC1	white fir-incense cedar-pine	ABCO-CADE27-PINUS
WE	estuary systems - interface between fresh and saline water	
WE10	bar built, geology - sand dune estuarian system	
WE11	bar built, fresh-saline water highly stratified	
WE12	bar built, fresh-saline water moderately mixed	
WE13	bar built, fresh-saline water well mixed	
WE1311	bar built, well mixed saline, active flood plain	
WE1319	bar built, well mixed saline, tidal exposed sandy bottom	
WE1329	bar built, well mixed saline, tidal exposed clay bottom	
WE1339	bar built, well mixed saline, tidal exposed stony bottom	
WE1359	bar built, well mix saline, tidal salt marsh (eelgrass)	
WE20	drowned river estuarian system	
WE21	drowned river/fresh-saline water highly stratified	
WE22	drowned river/fresh-saline water moderate mixed	
WE23	drowned river/fresh-saline water well mixed	
WE30	fjord type of estuarian system	
WE31	fjord/fresh-saline water highly stratified	
WE32	fjord/fresh-saline water moderately mixed	
WE33	fjord/fresh-saline water well mixed	
WE40	tectonic (faulted) estuarian system	
WE41	tectonic/fresh-saline water highly stratified	
WE42	tectonic/fresh-saline water moderately mixed	
WE43	tectonic/fresh-saline water well mixed	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
WL10	perennial water, no ice cover during average year	
WL11	perennial, no ice cover, less 5 acres	
WL12	perennial, no ice cover, 5-25 acres	
WL13	perennial, no ice cover, 25-100 acres	
WL14	perennial, no ice cover, 100-500 acres	
WL15	perennial, no ice cover, over 500 acres	
WL20	perennial, ice cover less than 30 days, average year	
WL21	perennial, ice less 30 days, less 5 acres	
WL22	perennial, ice less 30 days, 5-25 acres	
WL23	perennial, ice less 30 days, 25-100 acres	
WL24	perennial, ice less 30 days, 100-500 acres	
WL25	perennial, ice less 30 days, over 500 acres	
WL30	perennial, ice cover 30-90 days during average year	
WL31	perennial, ice 30-90 days, less 5 acres	
WL32	perennial, ice 30-90 days, 5-25 acres	
WL33	perennial, ice 30-90 days, 25-100 acres	
WL34	perennial, ice 30-90 days, 100-500 acres	
WL35	perennial, ice 30-90 days, over 500 acres	
WL40	perennial, ice cover 90-150 days, during average year	
WL41	perennial, ice 90-150 days, less 5 acres	
WL42	perennial, ice 90-150 days, 5-25 acres	
WL43	perennial, ice 90-150 days, 25-100 acres	
WL44	perennial, ice 90-150 days, 100-500 acres	
WL45	perennial, ice 90-150 days, over 500 acres	
WL50	perennial, ice cover 150-210 days during average year	
WL51	perennial, ice cover 150-210 days, less 5 acres	
WL52	perennial, ice cover 150-210 days, 5-25 acres	
WL53	perennial, ice cover 150-210 days, 25-100 acres	
WL54	perennial, ice cover 150-210 days, 100-500 acres	
WL55	perennial, ice cover 150-210 days, over 500 acres	
WL60	perennial, ice cover longer than 210 days, average year	
WL61	perennial, ice longer 210 days, less 5 acres	
WL62	perennial, ice longer 210 days, 5-25 acres	
WL63	perennial, ice longer 210 days, 25-100 acres	
WL64	perennial, ice longer 210 days, 100-500 acres	
WL65	perennial, ice longer 210 days, over 500 acres	
WL90	intermittent lake, pond, impoundment	
W0	oceans, seas, saline water bodies	
W010	water, deep, abyss	
W020	ocean intertidal beach	
W030	oceanic continental shelf	
WR	running water-stream, river, creek, ditch	
WR10	perennial, max mo. mean temperature less 45F(7C)	
WR11	perennial, max mo. mean temp less 45F, less 1% grade	
WR12	perennial, max mo. mean temp less 45F, 1-3% grade	
WR13	perennial, max mo. mean temp less 45F, 3-6% grade	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 639 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
WR14	perennial, max mo. mean temp less 45F, 6-12% grade	
WR15	perennial, max mo. mean temp less 45F, more 12% grade	
WR20	perennial, max mo. mean temperature 45F-55F(7C-13C)	
WR21	perennial, max mo. temp 45F-55F, less 1% grade	
WR22	perennial, max mo. temp 45F-55F, 1-3% grade	
WR23	perennial, max mo. temp 45F-55F, 3-6% grade	
WR24	perennial, max mo. temp 45F-55F, 6-12% grade	
WR25	perennial, max mo. temp 45F-55F, greater 12% grade	
WR30	perennial, max mo. mean temperature 55F-65F (13C-18C)	
WR31	perennial, max mo. temp 55F-65F, less 1% grade	
WR32	perennial, max mo. temp 55F-65F, 1-3% grade	
WR33	perennial, max mo. temp 55F-65F, 3-6% grade	
WR34	perennial, max mo. temp 55F-65F, 6-12% grade	
WR35	perennial, max mo. temp 55F-65F, greater 12% grade	
WR40	perennial, max mo. mean temperature 65F-75F (18C-24C)	
WR41	perennial, max mo. temp 65F-75F, less 1% grade	
WR42	perennial, max mo. temp 65F-75F, 1-3% grade	
WR43	perennial, max mo. temp 65F-75F, 3-6% grade	
WR44	perennial, max mo. temp 65F-75F, 6-12% grade	
WR45	perennial, max mo. temp 65F-75F, greater 12% grade	
WR50	perennial, max mo. mean temperature greater 75F (24C)	
WR51	perennial, max mo. temp greater 75F, less 1% grade	
WR52	perennial, max mo. temp greater 75F, 1-3% grade	
WR53	perennial, max mo. temp greater 75F, 3-6% grade	
WR54	perennial, max mo. temp greater 75F, 6-12% grade	
WR55	perennial, max mo. temp greater 75F, 12% grade	
WR90	intermittent streams, rivers	
WS115	white fir/snowbrush ceanothus-longstalk sedge	ABCO/CEVE-CAPE4
WS116	white fir/snowbrush ceanothus-squawcarpet-Virginia strawberry	ABCO/CEVE-CEPR-FRVI
WX	water (no association specified)	2W

Reference Code 640

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAF0	subalpine fir-whitebark pine/Jacob's ladder	ABLA-PIAL/POPU3
CAF2	subalpine fir-whitebark pine/fleeceflower	ABLA-PIAL/POPH
CAF322	whitebark pine/prickly sandwort	PIAL/ARAC2
CAF323	whitebark pine/silvery lupine	PIAL/LUAR3
CAF324	subalpine fir-whitebark pine/prickly sandwort	ABLA-PIAL/ARAC2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAG111	subalpine fir/elk sedge	ABLA/CAGE2
CAG131	whitebark pine/elk sedge	PIAL/CAGE2
CAG132	subalpine fir-whitebark pine/Parry's rush-Lemmon's needlegrass	ABLA-PIAL/JUPA-STLE2
CAG133	subalpine fir-whitebark pine/elk sedge	ABLA-PIAL/CAGE2
CAG221	whitebark pine/green fescue	PIAL/FEVI
CAG222	subalpine fir-whitebark pine/green fescue	ABLA-PIAL/FEVI
CAG3	subalpine fir-whitebark pine/Drummond's rush	ABLA-PIAL/JUDR
CAS311	whitebark pine/grouse huckleberry/smooth woodrush	PIAL/VASC/LUHI4
CAS312	whitebark pine/grouse huckleberry/heartleaf arnica	PIAL/VASC/ARCO9
CAS313	whitebark pine/grouse huckleberry/prickly sandwort	PIAL/VASC/ARAC2
CAS422	whitebark pine/mountain juniper/pinemat manzanita	PIAL/JUCO6/ARNE
CAS423	subalpine fir-whitebark pine/mountain juniper-pinemat manzanita	ABLA-PIAL/JUCO6-ARNE
CAS424	subalpine fir-whitebark pine/mountain juniper	ABLA-PIAL/JUCO6
CAS511	limber pine/mountain juniper	PIFL2/JUCO6
CAS512	whitebark pine/mountain gooseberry/Jacob's ladder	PIAL/RIMO2/POPU3
CAS611	subalpine fir-whitebark pine/mountain gooseberry/Jacob's ladder	ABLA-PIAL/RIMO2/POPU3
CAS621	subalpine fir-whitebark pine/grouse huckleberry/heartleaf arnica	ABLA-PIAL/VASC/ARCO9
CAS622	subalpine fir-whitebark pine/grouse huckleberry/Ross' sedge	ABLA-PIAL/VASC/CAR05
CAS623	subalpine fir-whitebark pine/grouse huckleberry/prickly sandwort	ABLA-PIAL/VASC/ARAC2
CAS624	subalpine fir-whitebark pine/grouse huckleberry-pink mountain heather	ABLA-PIAL/VASC-PHEM
CAS625	subalpine fir-whitebark pine/grouse huckleberry/green fescue	ABLA-PIAL/VASC/FEVI
CAS626	subalpine fir-whitebark pine/grouse huckleberry/little ricegrass	ABLA-PIAL/VASC/OREX
CAS627	subalpine fir-whitebark pine/grouse huckleberry/Wallowa lewisia	ABLA-PIAL/VASC/LECOW2
CAS628	subalpine fir-whitebark pine/grouse huckleberry-pink mountain heather (avalanche)	ABLA-PIAL/VASC-PHEM (AVALANCHE)
CAS629	subalpine fir-whitebark pine/grouse huckleberry/green fescue (avalanche)	ABLA-PIAL/VASC/FEVI (AVALANCHE)
CDF313	Douglas-fir/western bugbane	PSME/TRCAO
CDG111	Douglas-fir/elk sedge	PSME/CAGE2
CDG112	Douglas-fir/pinegrass	PSME/CARU
CDG121	Douglas-fir/pinegrass	PSME/CARU
CDG333	Douglas-fir-ponderosa pine-western juniper/Idaho fescue	PSME-PIPO-JUOC/FEID
CDS611	Ponderosa pine-Douglas-fir/common snowberry-oceanspray	PIPO-PSME/SYAL-HODI
CDS622	Douglas-fir/common snowberry	PSME/SYAL

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDS623	Douglas-fir/mountain snowberry	PSME/SYOR2
CDS624	Douglas-fir/common snowberry	PSME/SYAL
CDS625	Douglas-fir/mountain snowberry	PSME/SYOR2
CDS628	Douglas-fir/common snowberry (floodplain)	PSME/SYAL
CDS634	Douglas-fir/white spirea	PSME/SPBE2
CDS642	Douglas-fir/mountain snowberry/elk sedge	PSME/SYOR2/CAGE2
CDS664	Douglas-fir/pinemat manzanite/elk sedge	PSME/ARNE/CAGE2
CDS711	Douglas-fir/ninebark	PSME/PHMA5
CDS722	Douglas-fir/Rocky Mountain maple-ninebark	PSME/ACGL-PHMA5
CDS724	Douglas-fir/Rocky Mountain maple-mallow ninebark (floodplain)	PSME/ACGL-PHMA5 (FLOODPLAIN)
CDS725	Douglas-fir/Rocky Mountain maple-mountain snowberry	PSME/ACGL-SYOR2
CDS812	Douglas-fir/big huckleberry	PSME/VAME
CDS821	Douglas-fir/big huckleberry	PSME/VAME
CDS911	Douglas-fir/mountain gooseberry/Jacob's ladder	PSME/RIM02/POPU3
CDS0D	Douglas-fir/mountain mahogany/elk sedge	PSME/CELE3/CAGE2
CEF111	subalpine fir/beargrass	ABLA/XETE
CEF2	subalpine fir-Englemann spruce/twinflower	ABLA-PIEN/LIBO3
CEF221	subalpine fir/twinflower	ABLA/LIBO3
CEF311	subalpine fir/twisted stalk	ABLA/STAM2
CEF331	subalpine fir/false bugbane	ABLA/TRCA
CEF332	subalpine fir/ladyfern	ABLA/ATFI
CEF333	subalpine fir/arrowleaf groundsel	ABLA/SETR
CEF334	Engelmann spruce/ladyfern	PIEN/ATFI
CEF335	Engelmann spruce/arrowleaf groundsel	PIEN/SETR
CEF336	subalpine fir-Engelmann spruce/arrowleaf groundsel	ABLA-PIEN/SETR
CEF411	subalpine fir/Jacob's ladder	ABLA/POPU3
CEF412	subalpine fir/heartleaf arnica	ABLA/ARCO9
CEF425	subalpine fir-Engelmann spruce/False bugbane	ABLA-PIEN/TRCA
CEF426	subalpine fir-Engelmann spruce/Jacob's ladder	ABLA-PIEN/POPU3
CEF435	subalpine fir/heartleaf arnica	ABLA/ARCO9
CEF436	subalpine fir-Engelmann spruce/heartleaf arnica	ABLA-PIEN/ARCO9
CEF437	subalpine fir-Engelmann spruce/queen's cup beadlily	ABLA-PIEN/CLUN2
CEF511	subalpine fir/alpine fleecflower	ABLA/POPH
CEG131	subalpine fir-Engelmann spruce/smooth woodrush	ABLA-PIEN/LUHI4
CEG201	Engelmann spruce-subalpine fir/Holm's Rocky Mountain sedge	PIEN-ABLA/CASC12
CEG312	subalpine fir/pinegrass	ABLA/CARU
CEG323	subalpine fir/western needlegrass	ABLA/STOC2
CEG411	subalpine fir/green fescue	ABLA/FEVI
CEG412	subalpine fir/drummond's rush	ABLA/JUDR
CEG413	subalpine fir/slender rush	ABLA/JUTE
CEG414	subalpine fir/Parry's rush (avalanche)	ABLA/JUPA (AVALANCHE)
CEM121	Engelmann spruce/softleaf sedge	PIEN/CADI6
CEM122	subalpine fir/softleaf sedge	ABLA/CADI6

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CEM123	subalpine fir/water sedge	ABLA/CAAQ
CEM124	subalpine fir/bluejoint	ABLA/CACA4
CEM125	Engelmann spruce/Columbia brome	PIEN/BRVU
CEM126	Engelmann spruce/drooping woodreed	PIEN/CILA2
CEM201	Engelmann spruce-subalpine fir/arrowleaf groundsel	PIEN-ABLA/SETR
CEM211	Engelmann spruce/common horsetail	PIEN/EQAR
CEM313	subalpine fir/bog blueberry/broom sedge	ABLA/VAUL/CASC11
CES131	subalpine fir/queencup beadlelily	ABLA/CLUN2
CES2	subalpine fir-Engelmann spruce/rusty menziesia	ABLA-PIEN/MEFE
CES214	subalpine fir/Cascade azalea	ABLA/RHAL2
CES215	subalpine fir-Engelmann spruce/white rhododendron	ABLA-PIEN/RHAL2
CES221	subalpine fir/rusty menziesia	ABLA/MEFE
CES311	subalpine fir/big huckleberry	ABLA/VAME
CES314	subalpine fir/queencup beadlelily	ABLA/CLUN2
CES315	subalpine fir/big huckleberry	ABLA/VAME
CES316	subalpine fir/big huckleberry (floodplain)	ABLA/VAME (FLOODPLAIN)
CES411	subalpine fir/grouse huckleberry	ABLA/VASC
CES414	subalpine fir/twinflower	ABLA/LIBO3
CES415	subalpine fir/grouse huckleberry/Jacob's ladder	ABLA/VASC/POPU3
CES427	subalpine fir-Engelmann spruce/grouse huckleberry-pink mountain heath	ABLA-PIEN/VASC-PHEM
CES428	subalpine fir/grouse huckleberry-pink mountain heather	ABLA/VASC-PHEM
CES429	subalpine fir/pinemat manzanita/prickly sandwort	ABLA/ARNE/ARAC2
CES511	Engelmann spruce/red osier dogwood	PIEN/COST4
CES610	subalpine fir-Engelmann spruce/Labrador tea (floodplain)	ABLA-PIEN/LEGL (FLOODPLAIN)
CES612	subalpine fir-Engelmann spruce/Labrador tea	ABLA-PIEN/LEGL
CES710	subalpine fir-Engelmann spruce/rusty menziesia (floodplain)	ABLA-PIEN/MEFE (FLOODPLAIN)
CES8	subalpine fir-western white pine/prince's pine	ABLA-PIMO3/CHUM
CJC1	mountain juniper	JUCO6
CJG111	western juniper/Idaho fescue-bluebunch wheatgrass	JUOC/FEID-AGSP
CJG113	western juniper/bluebunch wheatgrass	JUOC/AGSP
CJS1	western juniper/low sagebrush	JUOC/ARAR8
CJS111	western juniper/low sagebrush	JUOC/ARAR8
CJS112	western juniper/low sagebrush/Idaho fescue	JUOC/ARAR8/FEID
CJS2	western juniper/mountain big sagebrush/Idaho fescue-bluebunch wheatgrass	JUOC/ARTRV/FEID-AGSP
CJS211	western juniper/mountain big sagebrush	JUOC/ARTRV
CJS321	western juniper/bitterbrush/Idaho fescue-bluebunch wheatgrass	JUOC/PUTR2/FEID-AGSP
CJS41	western juniper/curl-leaf mountain mahogany/Idaho fescue-bluebunch wheatgrass	JUOC/CELE3/FEID-PSSPS
CJS42	western juniper/curl-leaf mountain mahogany/Geyer's sedge	JUOC/CELE3/CAGE2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CJS5	Rocky Mountain juniper-mountain mahogany	JUSC2/CELE3
CJS8	western juniper/stiff sagebrush	JUOC/ARRI2
CJS811	western juniper/stiff sagebrush (scabland)	JUOC/ARRI2 (SCAB)
CLF211	lodgepole pine-grand fir/twinflower	PICO-ABGR/LIBO3
CLG11	lodgepole pine-subalpine fir/needle and thread	PICO-ABLA/HECO26
CLG21	lodgepole pine-grand fir/pinegrass	PICO-ABGR/CARU
CLG211	lodgepole pine(grand fir)/grouse huckleberry/pinegrass	PICO(ABGR)/VASC/CARU
CLG322	lodgepole pine-subalpine fir/Geyer's sedge	PICO-ABLA/CAGE2
CLM112	lodgepole pine/Kentucky bluegrass	PICO/POPR
CLM114	lodgepole pine/aquatic sedge	PICO/CAAQ
CLM115	lodgepole pine/tufted hairgrass	PICO/DECE
CLM116	lodgepole pine/woolly sedge	PICO/CAPE42
CLM117	lodgepole pine/bluejoint	PICO/CACA4
CLM118	lodgepole pine/Holm's Rocky Mountain sedge	PICO/CASC12
CLM511	lodgepole pine/thinleaf alder/mesic forb	PICO/ALINT/2FORB
CLS411	lodgepole pine(subalpine fir)/grouse huckleberry	PICO(ABLA)/VASC
CLS415	lodgepole pine(subalpine fir)/grouse huckleberry/Jacob's ladder	PICO(ABLA)/VASC/POPU3
CLS416	lodgepole pine/pinegrass	PICO/CARU
CLS417	lodgepole pine-grand fir/grouse whortleberry/pinegrass	PICO-ABGR/VASC/CARU
CLS418	lodgepole pine-subalpine fir/grouse whortleberry	PICO-ABLA/VASC
CLS5	lodgepole pine(grand fir)/big huckleberry/twinflower	PICO(ABGR)/VAME-LIBO3
CLS511	lodgepole pine/big huckleberry	PICO/VAME
CLS512	lodgepole pine-grand fir/thinleaf huckleberry/pinegrass	PICO-ABGR/VAME/CARU
CLS513	lodgepole pine-grand fir/thinleaf huckleberry	PICO-ABGR/VAME
CLS514	lodgepole pine-subalpine fir/thinleaf huckleberry	PICO-ABLA/VAME
CLS515	lodgepole pine(subalpine fir)/big huckleberry	PICO(ABLA)/VAME
CLS516	lodgepole pine-subalpine fir/thinleaf huckleberry/pinegrass	PICO-ABLA/VAME/CARU
CLS519	lodgepole pine-grand fir/thinleaf huckleberry/western brackenfern	PICO-ABGR/VAME/PTAQ
CLS57	lodgepole pine-grand fir/pinemat manzanita	PICO-ABGR/ARNE
CLS58	lodgepole pine-grand fir/Sitka alder	PICO-ABGR/ALVIS
CMS131	mountain hemlock/grouse huckleberry	TSME/VASC
CMS231	mountain hemlock/big huckleberry	TSME/VAME
CPC212	ponderosa pine-western juniper/mountain mahogany-mountain snowberry	PIPO-JUOC/CELE3-SYOR2
CPG111	ponderosa pine/bluebunch wheatgrass	PIPO/AGSP
CPG112	ponderosa pine/Idaho fescue	PIPO/FEID
CPG131	ponderosa pine/Idaho fescue	PIPO/FEID
CPG132	ponderosa pine/bluebunch wheatgrass	PIPO/AGSP
CPG221	ponderosa pine/pinegrass	PIPO/CARU
CPG222	ponderosa pine/elk sedge	PIPO/CAGE2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CPM111	ponderosa pine/blue wildrye	PIPO/ELGL
CPM112	ponderosa pine/Kentucky bluegrass	PIPO/POPR
CPS131	ponderosa pine/mountain big sagebrush/Idaho fescue-bluebunch wheatgrass	PIPO/ARTRV/FEID-AGSP
CPS132	ponderosa pine/big sagebrush/Geyer's sedge	PIPO/ARTR2/CAGE2
CPS221	ponderosa pine/bitterbrush/Ross sedge	PIPO/PUTR2/CARO5
CPS222	ponderosa pine/bitterbrush/elk sedge	PIPO/PUTR2/CAGE2
CPS226	ponderosa pine/bitterbrush/Idaho fescue-bluebunch wheatgrass	PIPO/PUTR2/FEID-AGSP
CPS229	ponderosa pine/bitterbrush/bluebunch wheatgrass-Sandberg's bluegrass	PIPO/PUTR2/AGSP-POSA12
CPS231	ponderosa pine/bitterbrush/bluebunch wheatgrass	PIPO/PUTR2/AGSP
CPS232	ponderosa pine/mountain mahogany/elk sedge	PIPO/CELE3/CAGE2
CPS233	ponderosa pine/mountain mahogany/Wheeler's bluegrass	PIPO/CELE3/PONEW
CPS234	ponderosa pine/mountain mahogany/Idaho fescue-bluebunch wheatgrass	PIPO/CELE3/FEID-AGSP
CPS511	ponderosa pine/common snowberry (floodplain)	PIPO/SYAL (FLOODPLAIN)
CPS522	ponderosa pine/common snowberry	PIPO/SYAL
CPS523	ponderosa pine/birchleaf spiraea	PIPO/SPBE2
CPS524	ponderosa pine/common snowberry	PIPO/SYAL
CPS525	ponderosa pine/mountain snowberry	PIPO/SYOR2
CPS61	ponderosa pine/little sagebrush	PIPO/ARAR8
CPS722	ponderosa pine/black hawthorn	PIPO/CRDO2
CPS8	ponderosa pine/squaw apple	PIPO/PERA4
CPS9	ponderosa pine/smooth sumac	PIPO/RHGL
CQM111	western white pine/tufted hairgrass	PIMO3/DECA18
CWC811	grand fir/Pacific yew/queencup beadlily	ABGR/TABR2/CLUN2
CWC812	grand fir/Pacific yew/twinflower	ABGR/TABR2/LIBO3
CWF311	grand fir/twinflower	ABGR/LIBO3
CWF312	grand fir/twinflower	ABGR/LIBO3
CWF421	grand fir/queencup beadlily	ABGR/CLUN2
CWF422	grand fir/Pacific yew/queencup beadlily	ABGR/TABR2/CLUN2
CWF424	grand fir/Pacific yew/twinflower (floodplain)	ABGR/TABR2/LIBO3 (FLOODPLAIN)
CWF444	grand fir/heartleaf arnica	ABGR/ARCO9
CWF511	grand fir/goldthread	ABGR/COOC
CWF512	grand fir/false bugbane	ABGR/TRCA
CWF611	grand fir/oakfern	ABGR/GYDR
CWF612	grand fir/sword fern-ginger	ABGR/POMU-ASCA2
CWF613	grand fir/ladyfern	ABGR/ATFI
CWG111	grand fir/elk sedge	ABGR/CAGE2
CWG112	grand fir/pinegrass	ABGR/CARU
CWG113	grand fir/pinegrass	ABGR/CARU
CWG211	grand fir/Columbia brome	ABGR/BRVU
CWM311	grand fir/woolly sedge	ABGR/CAPE42

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CWS211	grand fir/big huckleberry	ABGR/VAME
CWS212	grand fir/big huckleberry	ABGR/VAME
CWS232	grand fir-Alaska cedar/thinleaf huckleberry	ABGR-CHNO/VAME
CWS314	grand fir/common snowberry (floodplain)	ABGR/SYAL (FLOODPLAIN)
CWS321	grand fir/birchleaf spiraea	ABGR/SPBE2
CWS322	grand fir/birchleaf spiraea	ABGR/SPBE2
CWS412	grand fir/Rocky Mountain maple-ninebark	ABGR/ACGL-PHMA5
CWS423	grand fir/black hawthorn/Dewey's sedge	ABGR/CRDO2/CADE9
CWS541	grand fir/Rocky Mountain maple	ABGR/ACGL
CWS543	grand fir/Rocky Mountain maple (floodplain)	ABGR/ACGL (FLOODPLAIN)
CWS811	grand fir/grouse huckleberry	ABGR/VASC
CWS812	grand fir/grouse huckleberry-twinflower	ABGR/VASC-LIBO3
CWS912	grand fir/Rocky Mountain maple	ABGR/ACGL
FM9111	Douglas' buckwheat-Sandberg's bluegrass	ERDO-POSA12
FM9112	strict buckwheat/Sandberg's bluegrass	ERST4-POSA12
FM9113	sulphurflower (ridge)	ERUM (RIDGE)
FS1113	linanthastrum-cymopterus	LINU4-CYTEF
FS5912	alpine fleecflower-green fescue	POPH-FEVI
FS5913	alpine fleecflower-pinegrass-elk sedge	POPH-CARU-CAGE2
FS5914	alpine fleecflower-elk sedge-linanthastrum	POPH-CAGE2-LINU4
FS5915	alpine fleecflower-horsemint-linanthastrum	POPH-AGUR-LINU4
FS5916	alpine fleecflower (cornices)	POPH (CORNICES)
FS80	linanthastrum-mountain mugwort	LINU4-ARLU
FS81	western coneflower-tarweed	RUOC2-MAGL2
FS8101	western coneflower	RUOC2
FS8111	bracken fern-Hood's sedge	PTAQ-CAHO5
FS8112	mountain balm	MOOD
FS8113	pygmy lewisia-tarweed	LEPY2-MAGL2
FS8115	linanthastrum-longleaf arnica	LINU4-ARLO6
FS8116	golden buckwheat-coiled parrot's beak	ERFL4-PECO6
FS8117	phlox-cymopteris	PHLOX-CYTEF
FS8118	phlox-Ivesia	PHLOX-IVGO
FS90	scree	SCREE
FS91	rock outcrop	ROCK OUTCROP
FS92	grus	GRUS
FW3911	Cusick's camas (seep)	CACU2 (SEEP)
FW4211	arrowleaf groundsel	SETR
FW4212	common horsetail	EQAR
FW4213	maidenhair fern	ADPE
FW4214	arrowleaf groundsel-purple monkeyflower	SETR-MILE2
FW51	False hellebore	VERAT
FW5121	False hellebore	VERAT
FW6111	buckbean	METR3
FW6112	American speedwell	VEAM2
FW6113	brook saxifrage	SAOD2
FW7111	Pacific onion	ALMAG

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
FX4111	Wallowa lewisia (rim)	LECOW2 (RIM)
GB1211	sand dropseed (terrace)	SPCR (TERRACE)
GB1911	bluebunch wheatgrass-sand dropseed-red threeawn	AGSP-SPCR-ARLO3
GB41	bluebunch wheatgrass-Sandberg's bluegrass	AGSP-POSA12
GB4111	bluebunch wheatgrass-Wyeth's buckwheat	AGSP-ERHE2
GB4112	bluebunch wheatgrass-Sandberg's bluegrass-narrowleaf skullcap	AGSP-POSA12-SCAN3
GB4113	bluebunch wheatgrass-Sandberg's bluegrass (basalt)	AGSP-POSA12 (BASALT)
GB4114	bluebunch wheatgrass-Sandberg's bluegrass-Cusick's milkvetch	AGSP-POSA12-ASCU5
GB4115	bluebunch wheatgrass-Sandberg's bluegrass-shaggy fleabane	AGSP-POSA12-ERPU2
GB4116	bluebunch wheatgrass-Sandberg's bluegrass (granite)	AGSP-POSA12 (GRANITE)
GB4117	bluebunch wheatgrass-Sandberg's bluegrass-Snake River phlox	AGSP-POSA12-PHCO10
GB4118	bluebunch wheatgrass-Sandberg's bluegrass-pricklypear	AGSP-POSA12-OPPO
GB4119	bluebunch wheatgrass-Sandberg's bluegrass-lupine	AGSP-POSA12-LUPIN
GB4121	bluebunch wheatgrass-Sandberg's bluegrass	AGSP-POSA12
GB4123	bluebunch wheatgrass-Sandberg's bluegrass-arrowleaf balsamroot	AGSP-POSA12-BASA3
GB4124	bluebunch wheatgrass-Sandberg's bluegrass-creamy buckwheat	AGSP-POSA12-ERHE2
GB4125	bluebunch wheatgrass-Sandberg's bluegrass-Blue Mountain milkvetch	AGSP-POSA12-ASRE5
GB4126	bluebunch wheatgrass-Sandberg's bluegrass-bighead clover	AGSP-POSA12-TRMA3
GB4127	bluebunch wheatgrass-Sandberg's bluegrass-spreading dogbane	AGSP-POSA12-APAN2
GB4131	bluebunch wheatgrass-mountain brome	AGSP-BRCA5
GB4132	bluebunch wheatgrass-sulfur-flower buckwheat	AGSP-ERUM
GB4133	bluebunch wheatgrass-turpentine cymopterus	AGSP-CYTEF
GB4411	bulbous bluegrass-cluster tarweed	POBU-MAGL2
GB4911	bluebunch wheatgrass-Sandberg's bluegrass-onespike oatgrass	AGSP-POSA12-DAUN
GB4915	creeping Oregon-grape/bluebunch wheatgrass-spreading dogbane	BERE/AGSP-APAN2
GB5011	oniongrass-western needlegrass	MEBU-STOC2
GB5121	common snowberry/Idaho fescue-bluebunch wheatgrass-Lupine	SYAL/FEID-AGSP-LUSE4
GB59	Idaho fescue-bluebunch wheatgrass	FEID-AGSP
GB5911	Idaho fescue-prairie junegrass (ridge)	FEID-KOCR (RIDGE)
GB5912	Idaho fescue-prairie junegrass (mound)	FEID-KOCR (MOUND)
GB5913	Idaho fescue-prairie junegrass (high elevation)	FEID-KOCR (HIGH)
GB5914	Idaho fescue-prairie junegrass (low elevation)	FEID-KOCR (LOW)
GB5915	Idaho fescue-bluebunch wheatgrass (ridge)	FEID-AGSP (RIDGE)

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
GB5916	Idaho fescue-bluebunch wheatgrass-lupine	FEID-AGSP-LUPIN
GB5917	Idaho fescue-bluebunch wheatgrass-arrowleaf balsamroot	FEID-AGSP-BASA3
GB5918	Idaho fescue-bluebunch wheatgrass-Snake River phlox	FEID-AGSP-PHC010
GB5919	common snowberry/Idaho fescue-prairie junegrass	SYAL/FEID-KOCR
GB5920	Idaho fescue-timber oatgrass-Liddon's sedge	FEID-DAIN-CAPE7
GB5921	Idaho fescue-Hood's sedge	FEID-CAH05
GB5922	Idaho fescue-elk sedge	FEID-CAGE2
GB5923	Idaho fescue-red avens	FEID-GETR
GB5924	Idaho fescue-Wallowa penstemon	FEID-PESP2
GB5925	Idaho fescue-bluebunch wheatgrass-cymopterus	FEID-AGSP-CYTEF
GB5926	Idaho fescue-bluebunch wheatgrass-Cusick's fraseria	FEID-AGSP-FRALC2
GB5927	Idaho fescue-bluebunch wheatgrass-Wheeler's bluegrass	FEID-AGSP-PONEW
GB5931	Idaho fescue-bluebunch wheatgrass-phlox	FEID-AGSP-PHLOX
GB5932	Idaho Fescue-onespike oatgrass	FEID-DAUN
GB6011	rough fescue-Idaho fescue	FESC-FEID
GB7111	basin wildrye	ELCI2
GB9111	Sandberg's bluegrass-onespike oatgrass	POSA12-DAUN
GB9112	Sandberg's bluegrass-lanceleaf stonecrop	POSA12-SELA
GB9114	onespike oatgrass-slenderfruit lomatium	DAUN-LOLE2
GM4111	bluejoint reedgrass	CACA4
GS10	western needlegrass	STOC2
GS11	green fescue	FEVI
GS1111	green fescue-Hood's sedge	FEVI-CAH05
GS1112	green fescue-spurred lupine	FEVI-LULA3
GS1113	green fescue-Parry's rush	FEVI-JUPA
GS1114	green fescue-Ross' sedge	FEVI-CAR05
GS1115	green fescue-penstemon	FEVI-PENST
GS1116	green fescue-western needlegrass	FEVI-STOC2
GS1117	green fescue-Canby's lovage	FEVI-LICA2
GS1118	green fescue-bearded wheatgrass	FEVI-AGCA2
GS1119	green fescue-Holm's Rocky Mountain sedge	FEVI-CASC12
GS12	Idaho fescue (alpine)	FEID (ALPINE)
GS39	Geyer's sedge (upland)	CAGE2
GS3911	elk sedge (alpine)	CAGE2 (ALPINE)
GS3912	Hood's sedge	CAH05
GS3913	elk sedge-Parry's rush	CAGE2-JUPA
GS3914	elk sedge-pinegrass	CAGE2-CARU
GS3915	elk sedge-Cusick's bluegrass	CAGE2-POCU3
GS3916	elk sedge-desert phlox	CAGE2-PHAU3
GS3917	elk sedge-western needlegrass	CAGE2-STOC2
GS4011	alpine sedges-western needlegrass	CAREX-STOC2
GS4012	Hood's sedge-mountain brome (meadow)	CAH05-BRCA5 (MEADOW)
GS4013	Parry's rush-pale agoseris	JUPA-AGGL
GS50	western needlegrass-squirreltail (alpine)	STOC2-SIHY (ALPINE)

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
GS60	fellfield	FELLFIELD
GS61	Hood's sedge-mountain brome	CAH05-BRCA5
GS62	Hood's sedge-elk sedge	CAH05-CAGE2
GS63	Hood's sedge-sticky cinquefoil	CAH05-POGL9
GS64	Hood's sedge	CAH05
GS70	turf	TURF
HAF211	red alder/sweet coltsfoot	ALRU2/PEFRP
HAF226	red alder (alluvial bar)	ALRU2
HAF227	red alder/common ladyfern	ALRU2/ATFI
HAS211	red alder/Pacific ninebark	ALRU2/PHCA11
HAS312	red alder/common snowberry	ALRU2/SYAL
HAS511	red alder/redosier dogwood	ALRU2/COSES
HCS112	black cottonwood/Pacific willow	POTR15/SALA5
HCS113	black cottonwood/mountain alder-red osier dogwood	POTR15/ALIN2-COST4
HCS114	black cottonwood/Rocky Mountain maple	POTR15/ACGL
HCS311	black cottonwood/common snowberry	POTR15/SYAL
HCS312	black cottonwood/common snowberry	POTR15/SYAL
HD01	Rocky Mountain maple	ACGL
HQG112	quaking aspen/elk sedge	POTR5/CAGE2
HQM122	quaking aspen/Kentucky bluegrass	POTR5/POPR
HQM123	quaking aspen/bluejoint reedgrass	POTR5/CACA4
HQM211	quaking aspen/woolly sedge	POTR5/CALA30
HQM212	quaking aspen/water sedge	POTR5/CAAQ
HQM511	quaking aspen/mesic forb	POTR5/2FORB
HQS221	quaking aspen/common snowberry	POTR5/SYAL
HQS222	quaking aspen/thinleaf alder/redosier dogwood	POTR5/ALINT/COSES
HQS223	quaking aspen/thinleaf alder-common snowberry	POTR5/ALINT-SYAL
MD2111	meadow foxtail	ALPR3
MD3111	Kentucky bluegrass (dry meadow)	POPR (DRY MEADOW)
MD3112	Kentucky bluegrass (degenerated bench)	POPR (DEGEN BENCH)
MD4111	seashore bentgrass	AGPA8
MM1912	tufted hairgrass	DECE
MM2911	woolly sedge	CALA30
MM2912	Nebraska sedge	CANE2
MM2913	widefruit sedge	CAEU2
MM2914	aquatic sedge	CAAQ
MM2915	shortbeaked sedge	CASI2
MM2916	woodrush sedge	CALU7
MM2917	bladder sedge	CAUT
MM2918	Cusick's sedge	CACU5
MM2919	lakeshore sedge	CALE8
MM2920	slender sedge	CALA11
MM2921	bigleaf sedge	CAAM10
MM2922	torrent sedge	CANU5
MM2924	small-fruit bulrush	SCM12
MM2925	tall mannagrass	GLEL

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
MM2926	bog alkaligrass	PUCCI
MM2927	Sierra hare sedge	CALE9
MM2928	mud sedge	CALI7
MM2929	smallwing sedge	CAMI7
MM2930	brown sedge	CASU6
MM2932	Sheldon's sedge	CASH
MM2933	Jones' sedge	CAJO
MS2111	black alpine sedge	CANI2
MS2113	northern singlespike sedge-brook saxifrage (spring)	CASC10-SAAR13
MS3111	Holm's Sedge	CASC12
MS3112	star sedge	CAECE
MS3113	bluejoint	CACA4
MS4111	beautiful spikerush	ELBE
MT10	Rocky Mountain pond-lily	NUPO2
MT8121	broadleaf cattail	TYLA
MW1923	inflated sedge	CAVE6
MW1926	beaked sedge	CAR06
MW2912	clustered field sedge	CAPR5
MW2913	northern bog sedge	CAGY2
MW2927	drooping woodreed	CILA2
MW3912	Baltic rush	JUBA
MW4911	few-flowered spikerush	ELPA6
MW4912	creeping spikerush	ELPA3
N	Ice fields	
NTS111	syringa-bordered talus strips	PHLE4 (TALUS)
SD01	white sagebrush	ARLU
SD1911	low sagebrush/Idaho fescue-bluebunch wheatgrass	ARAR8/FEID-AGSP
SD1924	low sagebrush/bluebunch wheatgrass	ARAR8/AGSP
SD2401	threetip sagebrush/Sandberg's bluegrass-onespike oatgrass	ARTR4/POSA12-DAUN
SD2911	mountain big sagebrush/Idaho fescue-bluebunch wheatgrass	ARTRV/FEID-AGSP
SD2915	mountain big sagebrush/elk sedge (montane)	ARTRV/CAGE2 (MONTANE)
SD2916	mountain big sagebrush-bitterbrush/Idaho fescue	ARTRV-PUTR2/FEID
SD2917	mountain big sagebrush-mountain snowberry/Mountain brome	ARTRV-SYOR2/BRCA5
SD2918	mountain big sagebrush/bluebunch wheatgrass-Sandberg's bluegrass	ARTRV/AGSP-POSA12
SD2919	mountain big sagebrush-mountain snowberry	ARTRV-SYOR2
SD2920	mountain big sagebrush/western needlegrass	ARTRV/STOC2
SD2929	mountain big sagebrush/Idaho fescue-prairie junegrass	ARTRV/FEID-KOCR
SD30	squaw apple-mountain snowberry	PERA4-SYOR2
SD3010	mountain big sagebrush-squaw apple	ARTRV-PERA4
SD3011	mountain big sagebrush/giant wildrye	ARTRV/ELCI2
SD3111	bitterbrush/Idaho fescue-bluebunch wheatgrass	PUTR2/FEID-AGSP

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SD3112	bitterbrush/bluebunch wheatgrass	PUTR2/AGSP
SD3124	bitterbrush-mountain big sagebrush/Idaho fescue-bluebunch wheatgrass	PUTR2-ARTRV/FEID-AGSP
SD3125	bitterbrush-mountain big sagebrush/Idaho fescue	PUTR2-ARTRV/FEID
SD3126	bitterbrush/Douglas' buckwheat	PUTR2/ERDO
SD40	mountain mahogany/elk sedge	CELE3/CAGE2
SD4111	mountain mahogany/Idaho fescue-bluebunch wheatgrass	CELE3/FEID-AGSP
SD4112	mountain mahogany/bluebunch wheatgrass	CELE3/AGSP
SD4113	mountain mahogany/elk sedge	CELE3/CAGE2
SD4114	mountain mahogany/Wheeler's bluegrass	CELE3/PONEW
SD4115	mountain mahogany-bitterbrush/bluebunch wheatgrass	CELE3-PUTR2/AGSP
SD42	curl-leaf mountain mahogany/Geyer's sedge	CELE3/CAGE2
SD49	mountain mahogany	CELE3
SD5611	netleaf hackberry/bluebunch wheatgrass	CERE2/AGSP
SD5612	netleaf hackberry/brome	CERE2/BROMU
SD6121	smooth sumac/bluebunch wheatgrass	RHGL/AGSP
SD65	spiny greenbush/bluebunch wheatgrass	GLNE/AGSP
SD9111	stiff sagebrush/Sandberg's bluegrass (scabland)	ARRI2/POSA12 (SCAB)
SD9141	stiff sagebrush / Gairdner's penstemon	ARRI2/PEGA
SD9221	low sagebrush/Sandberg's bluegrass	ARAR8/POSA12
SD9322	buckwheat/Oregon bladderpod	ERIOG-PHOR2
SM1111	mallow ninebark-common snowberry	PHMA5-SYAL
SM19	ninebark-common snowberry	PHMA5-SYAL
SM1901	Pacific ninebark	PHCA11
SM20	alder snow slides	ALSI3
SM3001	Lewis' mock orange/mesic forb	PHLE4/MESIC FORB
SM31	common snowberry	SYAL
SM3110	common snowberry (floodplain)	SYAL (FLOODPLAIN)
SM3111	common snowberry-rose	SYAL-ROSA5
SM32	mountain snowberry	SYOR2
SM33	snowbrush ceanothus	CEVE
SM34	bitter cherry	PREM
SM41	water birch/reed canarygrass	BEOC2/PHAR3
SM5001	Barton's raspberry	RUBA
SM5002	Himalayan blackberry	RUDI2
SM5912	thimbleberry	RUPA
SS1912	Pink mountainheath mounds	PHEM (MOUNDS)
SS4911	mountain big sagebrush/elk sedge	ARTRV/CAGE2
SS4914	mountain big sagebrush/California brome	ARTRV/BRCA5
SS4915	mountain big sagebrush/needle and thread	ARTRV/HECO26
SS4916	mountain big sagebrush/Hood's sedge	ARTRV/CAHO5
SS4917	mountain big sagebrush/linanthastrum	ARTRV/LINU4
SS4918	mountain big sagebrush/golden buckwheat-phlox	ARTRV/ERFL4-PHLOX
SS4919	shrubby cinquefoil/Idaho fescue	POFR4/FEID

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SS60	shrubby cinquefoil	POFR4
SS6001	shrubby cinquefoil-bog birch	POFR4-BEGL
SW0101	Labrador tea/Holm's Rocky Mountain sedge	LEGL/CASC12
SW0102	twinberry honeysuckle/ladyfern	LOIN5/ATFI
SW1111	willow/Kentucky bluegrass	SALIX/POPR
SW1112	willow/woolly sedge	SALIX/CALA30
SW1114	willow/aquatic sedge	SALIX/CAAQ
SW1117	coyote willow	SAEX
SW1121	undergreen willow/Holm's Rocky Mountain sedge	SAC02/CASC12
SW1123	willow/bladder sedge	SALIX/CAUT
SW1124	willow/bluejoint	SALIX/CACA4
SW1125	willow/mesic forb	SALIX/2FORB
SW1126	strapleaf willow	SALI
SW1127	undergreen willow/Northwest Territory sedge	SAC02/CAUT
SW1128	undergreen willow/Clustered field sedge	SAC02/CAPR5
SW1129	Eastwood willow-Tweedy willow/aquatic sedge	SAEA-SATW/CAAQ
SW1130	Scouler willow/blue wildrye	SASC/ELGL
SW1133	arctic willow	SAAR27
SW1134	Farr's willow/Pacific onion	SAFA/ALVA
SW1135	Lemmon's willow/mesic forb	SALE/MESIC FORB
SW1136	Sitka willow/common horsetail	SASI2/EQAR
SW1137	Drummond's willow/arrowleaf groundsel	SADR/SETR
SW1138	Booth's willow/Holm's Rocky Mountain sedge	SAB02/CASC12
SW1139	Booth's willow/inflated sedge	SAB02/CAVE6
SW2101	white alder/blackberry	ALRH2/RUBUS
SW2102	white alder/mesic shrub	ALRH2/MESIC SHRUB
SW2111	Sitka alder/ladyfern	ALSI3/ATFI
SW2112	Sitka alder/drooping woodreed	ALSI3/CILA2
SW2113	Sitka alder/mesic forb	ALSI3/MESIC FORB
SW2114	mountain alder/bigleaf sedge	ALIN2/CAAM10
SW2115	mountain alder/bladder sedge	ALIN2/CAUT
SW2116	mountain alder/ladyfern	ALIN2/ATFI
SW2117	mountain alder/common horsetail	ALIN2/EQAR
SW2118	mountain alder/Dewey's sedge	ALIN2/CADE9
SW2120	mountain alder/Kentucky bluegrass	ALIN2/POPR
SW2121	mountain alder/bluejoint reedgrass	ALIN2/CACA4
SW2122	mountain alder/smallfruit bulrush	ALIN2/SCMI2
SW2123	mountain alder/woolly sedge	ALIN2/CALA30
SW2124	thinleaf alder/common cowparsnip	ALINT/HEMA80
SW2125	thinleaf alder/western oakfern	ALINT/GYDR
SW2126	mountain alder/aquatic sedge	ALIN2/CAAQ
SW2127	mountain alder/densely tufted sedge	ALIN2/CALEL
SW2128	mountain alder/woodrush sedge	ALIN2/CALU7
SW2211	mountain alder-common snowberry	ALIN2-SYAL
SW2215	mountain alder/tall mannagrass	ALIN2/GLEL
SW2216	mountain alder-red osier dogwood/mesic forb	ALIN2-COST4/MESIC FORB

NRV_PV_COVER_TYPES (CONT.)**Reference Code 640 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
SW2217	mountain alder-currants/mesic forb	ALIN2-RIBES/MESIC FORB
SW3111	black hawthorn/mesic forb	CRDO2/MESIC FORB
SW3112	water birch/mesic forb	BEOC2/2FORB
SW3113	water birch/sedge (wet)	BEOC2/CAREX
SW3114	Saskatoon serviceberry	AMAL2
SW3124	cow parsnip/blue wildrye	HELA4-ELGL
SW4133	red osier dogwood/ladyfern	COST4/ATFI
SW5111	currants/drooping woodreed	RIBES/CILA2
SW5112	red osier dogwood	COST4
SW5113	shrubby cinquefoil/Tufted hairgrass	POFR4/DECE
SW5114	shrubby cinquefoil/Kentucky bluegrass	POFR4/POPR
SW5115	currant/mesic forb	RIBES/2FORB
SW5116	currant/fowl mannagrass	RIBES/GLST
SW5117	alderleaf buckthorn/forb (mesic)	RHAL/2FORB
SW5118	redosier dogwood/brook saxifrage	COSE16/SAOD2
SW6111	silver sagebrush/Tufted hairgrass	ARCA13/DECE
SW6112	silver sagebrush/Kentucky bluegrass	ARCA13/POPR
SW6113	mountain big sagebrush/Cusick's bluegrass	ARTRV/POCU3
SW6114	silver sagebrush/Cusick's bluegrass	ARCA13/POCU3
SW901	alpine laurel/black alpine sedge	KAMI/CANI2
WL	lakes and ponds	
WL0108	narrowleaf bur-reed	SPAN2

Reference Code 641

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CCS521	western red cedar/Cascade barberry/western swordfern	THPL/MANE2/POMU
CDC321	Douglas-fir-incense cedar	PSME-CADE27
CDC322	Douglas-fir-incense cedar-Jeffery pine	PSME-CADE27-PIJE
CDC323	Douglas-fir-incense cedar/hollyleaved barberry	PSME-CADE27/MAAQ2
CDC421	Douglas-fir-white fir	PSME-ABCO
CDC422	Douglas-fir-white fir/creeping snowberry	PSME-ABCO/SYMO
CDC521	Douglas-fir-ponderosa pine/poison oak	PSME-PIPO/RHD16
CDH321	Douglas-fir/California black oak/Pacific poison oak	PSME/QUKE/TOD1
CDH521	Douglas-fir-golden chinquapin/dwarf Oregon grape	PSME-CACH6/BENE2
CDH522	Douglas-fir-canyon live oak-tanoak	PSME-QUCH2-LIDE3
CDH523	Douglas-fir-canyon live oak/dwarf Oregon grape	PSME-QUCH2/BENE2
CDH524	Douglas-fir-canyon live oak/poison oak	PSME-QUCH2/RHD16
CDS121	Douglas-fir/dry shrub	PSME/DRY SHRUB
CDS122	Douglas-fir/huckleberry oak	PSME/QUVA
CDS123	Douglas-fir/huckleberry oak-pinemat manzanita/common beargrass	PSME/QUVA-ARNE/XETE
CDS214	Douglas-fir/vine maple-dwarf Oregon grape	PSME/ACCI-BENE2
CDS215	Douglas-fir/oceanspray/common whippa	PSME/HODI/WHMO

NRV_PV_COVER_TYPES (CONT.)**Reference Code 641 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDS521	Douglas-fir/dwarf Oregon grape/western sword-fern	PSME/BENE2/POMU
CDS522	Douglas-fir/salal-dwarf Oregon grape	PSME/GASH-BENE2
CDS523	Douglas-fir/salal-Pacific rhododendron	PSME/GASH-RHMA3
CDS524	Douglas-fir/salmonberry/western swordfern	PSME/RUSP/POMU
CDS663	Douglas-fir/pinemat manzanita-SWO	PSME/ARNE-SWO
CFC121	Pacific silver fir-mountain hemlock/thinleaf huckleberry/sweet after death	ABAM-TSME/VAME/ACTR
CFC221	Pacific silver fir-western hemlock/thinleaf huckleberry/sweet after death	ABAM-TSHE/VAME/ACTR
CFF221	Pacific silver fir/dwarf rose/sweet after death	ABAM/ROGY/ACTR
CHC221	western hemlock-Douglas-fir/salal-SWO	TSHE-PSME/GASH-SWO
CHC321	western hemlock-white fir/Cascade barberry	TSHE-ABCO/MANE2
CHC322	western hemlock-white fir/vine maple-Cascade barberry	TSHE-ABCO/ACCI-MANE2
CHC421	western hemlock-western red cedar/Pacific rhododendron	TSHE-THPL/RHMA3
CHC521	western hemlock-Pacific silver fir	TSHE-ABAM
CHC621	western hemlock-incense cedar/salal	TSHE-CADE27/GASH
CHF120	western hemlock/Western sword-fern-SWO	TSHE/POMU-SWO
CHH121	western hemlock-tanoak-California laurel	TSHE-LIDE3-UMCA
CHH122	western hemlock-tanoak/Pacific rhododendron	TSHE-LIDE3/RHMA3
CHH123	western hemlock-tanoak/evergreen huckleberry-Pacific rhododendron	TSHE-LIDE3/VAOV2-RHMA3
CHH321	western hemlock-giant chinquapin/salal-Pacific rhododendron	TSHE-CHCHC4/GASH-RHMA3
CHS117	western hemlock/salal-dwarf Oregon grape-SWO	TSHE/GASH-BENE2-SWO
CHS118	western hemlock/salal-Pacific rhododendron-SWO	TSHE/GASH-RHMA3-SWO
CHS119	western hemlock/salal/western swordfern	TSHE/GASH/POMU
CHS219	western hemlock/vine maple-salal-SWO	TSHE/ACCI-GASH-SWO
CHS220	western hemlock/vine maple-Pacific rhododendron	TSHE/ACCI-RHMA3
CHS319	western hemlock/Pacific rhododendron-salal	TSHE/RHMA3-GASH
CHS320	western hemlock/Pacific rhododendron-dwarf Oregon grape-SWO	TSHE/RHMA3-BENE2-SWO
CHS420	western hemlock/salmonberry	TSHE/RUSP
CHS609	western hemlock/evergreen huckleberry-western sword-fern	TSHE/VAOV2/POMU
CHS821	western hemlock/deer oak-salal-Pacific rhododendron	TSHE/QUSA2-GASH-RHMA3
CLC521	lodgepole pine-mountain hemlock (depauperate)	PICO-TSME
CLC721	lodgepole pine-white fir-Douglas-fir	PICO-ABCO-PSME
CLS531	lodgepole pine/thin-leaved huckleberry-grouseberry	PICO/VAME-VASC
CMC221	mountain hemlock-Shasta red fir/roughfruit berry/sidebells wintergreen	TSME-ABSH/RULA2/ORSE
CMC222	mountain hemlock-Shasta red fir/thinleaf huckleberry/pipsissewa	TSME-ABSH/VAME/CHUM
CMF021	mountain hemlock/forbs	TSME/2FORB
CMS116	mountain hemlock/grouse whortleberry/pipsissewa	TSME/VASC/CHUM

NRV_PV_COVER_TYPES (CONT.)**Reference Code 641 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CMS141	mountain hemlock/pinemat manzanita/pipsissewa	TSME/ARNE/CHUM
CMS219	mountain hemlock/thinleaf huckleberry/sidebells wintergreen	TSME/VAME/ORSE
CMS621	mountain hemlock/Pacific rhododendron/common beargrass	TSME/RHMA3/XETE
CPC121	Jeffrey pine-incense cedar-Douglas-fir	PIJE-CADE27-PSME
CPC122	Jeffrey pine-incense cedar/whiteleaf manzanita	PIJE-CADE27/ARV14
CPC123	Jeffrey pine-incense cedar/huckleberry oak	PIJE-CADE27/QUVA
CPC421	Jeffrey pine/hoary manzanita/Idaho fescue	PIJE/ARCA5/FEID
CPC422	Jeffrey pine/buckbrush/Idaho fescue	PIJE/CECU/FEID
CPC423	Jeffrey pine/Idaho fescue	PIJE/FEID
CPC424	Jeffrey pine/huckleberry oak-pinemat manzanita	PIJE/QUVA-ARNE
CPC425	Jeffrey pine/huckleberry oak-pinemat manzanita/dwarf silktassel	PIJE/QUVA-ARNE/GABU2
CPC621	ponderosa pine-Douglas-fir	PIPO-PSME
CPH221	ponderosa pine-California black oak	PIPO-QUKE
CQC121	western white pine-Jeffrey pine/huckleberry oak/common beargrass	PIM03-PIJE/QUVA/XETE
CQF021	western white pine/common beargrass	PIM03/XETE
CQH121	western white pine-tanoak/huckleberry oak/common beargrass	PIM03-LIDE3/QUVA/XETE
CRC321	Shasta red fir-white fir/Sadler oak/common prince's-pine	ABMAS-ABCO/QUSA2/CHUM
CRC322	Shasta red fir-white fir/Sadler oak/one-sided pyrola	ABMAS-ABCO/QUSA2/PYSE
CRC323	Shasta red fir-white fir/baldhip rose/one-sided pyrola	ABMAS-ABCO/ROGY/PYSE
CRC324	Shasta red fir-white fir/creeping snowberry/pipsissewa	ABSH-ABCO/SYMO/CHUM
CRC421	Shasta red fir-lodgepole pine/pinemat manzanita/pipsissewa	ABSH-PICO/ARNE/CHUM
CRC521	Shasta red fir-mountain hemlock/pinemat manzanita/pipsissewa	ABSH-TSME/ARNE/CHUM
CRF021	Shasta red fir/sweetcicely	ABSH/OSBE
CRS421	Shasta red fir/thin-leaved huckleberry/common prince's-pine	ABSH/VAME/CHUM
CRS521	Shasta red fir/Oregon boxleaf/sidebells wintergreen	ABSH/PAMY/ORSE
CSC121	Sitka spruce-white fir/salmonberry	PISI-ABCO/RUSP
CSS323	Sitka spruce/salal-California huckleberry	PISI/GASH-VAOV2
CTC121	Port Orford cedar-white fir/Cascade barberry	CHLA-ABCO/MANE2
CTC221	Port Orford cedar-western hemlock/Sierra laurel	CHLA-TSHE/LEDA
CTC222	Port-Orford cedar-western hemlock/western sword-fern	CHLA-TSHE/POMU
CTH121	Port Orford cedar-tanoak/salal	CHLA-LIDE3/GASH
CTS121	Port-Orford cedar/evergreen huckleberry/western sword-fern	CHLA/VAOV2/POMUM
CTS221	Port-Orford cedar/Pacific madrone-salal	CHLA/RHMA3-GASH
CTS321	Port Orford cedar/pink honeysuckle/fescue	CHLA/LOHI2/FESTU

NRV_PV_COVER_TYPES (CONT.)**Reference Code 641 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CTS521	Port Orford cedar/huckleberry oak/common beargrass	CHLA/QUVA/XETE
CWC221	white fir-Douglas-fir/baldhip rose	ABCO-PSME/ROGY
CWC521	white fir-Brewer spruce/common prince's-pine-whitevein pyrola	ABCO-PIBR/CHUM-PYPI2
CWC621	white fir-incense cedar/western starflower	ABCO-CADE27/TRLA6
CWC622	white fir-western hemlock/Cascade barberry/longtube twinflower	ABCO-TSHE/MANE2/LIBOL2
CWC721	white fir-Shasta red fir/vanillaleaf	ABCO-ABSH/ACTR
CWC722	white fir-Shasta red fir/common prince's-pine-threelf anemone	ABCO-ABMAS/CHUM-ANDE3
CWC723	white fir-Shasta red fir/Sadler oak	ABCO-ABSH/QUSA2
CWF541	white fir/common beargrass	ABCO/XETE
CWH321	white fir-tanoak/common prince's-pine	ABCO-LIDE3/CHUM
CWS227	white fir/dwarf Oregon grape	ABCO/BENE2
CWS228	white fir/dwarf Oregon grape/vanillaleaf	ABCO/BENE2/ACTR
CWS229	white fir/Cascade barberry/longtube twinflower	ABCO/MANE2/LIBOL2
CWS341	white fir/pinemat Manzanita	ABCO/ARNE
CWS342	white fir/creeping snowberry	ABCO/SYMO
CWS523	white fir/vine maple/Oregon oxalis	ABCO/ACCI/OXOR
CWS524	white fir/salal-Cascade barberry	ABCO/GASH-MANE2
CWS525	white fir/Pacific rhododendron-Cascade barberry	ABCO/RHMA3-MANE2
CWS526	white fir/Pacific rhododendron-deer oak	ABCO/RHMA3-QUSA2
CWS621	white fir/huckleberry oak	ABCO/QUVA
HOC121	Oregon white oak-Douglas-fir/poison oak	QUGA4-PSME/RHDI6
HOG321	Oregon white oak/hedgehog dogtail	QUGA4/CYEC
HTC221	tanoak-western hemlock/evergreen huckleberry-poison oak	LIDE3-TSHE/VAOV2-RHDI6
HTC222	tanoak-western hemlock/evergreen huckleberry/western sword-fern	LIDE3-TSHE/VAOV2/POMU
HTC223	tanoak-western hemlock/evergreen huckleberry/western sword-fern-RIP	LIDE3-TSHE/VAOV2/POMU-RIP
HTC321	tanoak-Port Orford cedar/salal	LIDE3-CHLA/GASH
HTC421	tanoak-white fir/dwarf Oregon grape	LIDE3-ABCO/BENE2
HTC521	tanoak-sugar pine/huckleberry oak/common beargrass	LIDE3-PIMO3/QUVA/XETE
HTC621	tanoak-Douglas-fir-canyon live oak/dwarf Oregon grape	LIDE3-PSME-QUCH2/BENE2
HTC622	tanoak-Douglas-fir-canyon live oak/poison oak	LIDE3-PSME-QUCH2/RHDI6
HTC623	tanoak-Douglas-fir/salal-dwarf Oregon grape	LIDE3-PSME/GASH-BENE2
HTC624	tanoak-Douglas-fir/salal-Pacific rhododendron	LIDE3-PSME/GASH-RHMA3
HTC625	tanoak-Douglas-fir/salal-huckleberry oak	LIDE3-PSME/GASH-VAOV2
HTC626	tanoak-Douglas-fir/Sadler oak-dwarf Oregon grape	LIDE3-PSME/QUSA2-BENE2
HTH321	tanoak-bigleaf maple-canyon live oak/western sword-fern	LIDE3-ACMA3-QUCH2/POMU
HTH421	tanoak-golden chinquapin-sugar pine	LIDE3-CACH6-PILA
HTH422	tanoak-golden chinquapin/salal-Sadler oak	LIDE3-CACH6/GASH-QUSA2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 641 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
HTS121	tanoak-evergreen huckleberry-Pacific rhododendron-salal	LIDE3/VAOV2-RHMA3-GASH
HTS621	tanoak/manzanita/common beargrass	LIDE3/ARCTO3/XETE

Reference Code 642

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDS301	Douglas-fir/Western rhododendron-Evergreen huckleberry	PSME/RHMA3-VAOV2
CLC201	Shore pine-Douglas-fir/Wax myrtle-Evergreen huckleberry	PICOC-PSME/MYCA-VAOV2
CLC601	Shore pine-Sitka spruce/Evergreen huckleberry	PICOC-PISI/VAOV2
CLM101	Shore pine/Slough sedge seasonally flooded	PICOC/CAOB3
CLS301	Shore pine/Bearberry	PICOC/ARUV
CLS832	Shore pine/Scots broom/European beachgrass	PICOC/CYSC4/AMAR4
CSH401	Sitka spruce-Red alder/Slough sedge-Skunk cabbage saturated	PISI-ALRU/CAOB3-LYAM3
CSS101	Sitka spruce/Evergreen huckleberry	PISI/VAOV2
CSS322	Sitka spruce/Salal-Salmonberry	PISI/GASH-RUSP
CTS404	Port Orford cedar/Evergreen huckleberry	CHLA/VAOV2
GM2001	Red fescue	FERU2
GM2002	Red fescue-Bracken fern	FERU2-PTAQ
GM2003	Red fescue-Salt rush	FERU2-JULE
GM8001	Seashore bluegrass	POMA26
HAM101	Red alder/Salmonberry/Slough sedge-Skunk cabbage saturated	ALRU/RUSP/CAOB3-LYAM3
MMB801	Salt rush	JULE
MMB802	Sickle-leaved rush-Salt rush	JUFA-JULE
MT8101	Hardstem bulrush	SCACA
MW8101	Slough sedge seasonally flooded	CAOB3
MW8102	Slough sedge-Pacific silverweed	CAOB3-AREGE
MW8103	Inflated sedge	CAEX5
MW9102	Creeping spikerush-Nevada rush	ELPA3-JUNE
SW1101	Hooker willow/Slough sedge-Pacific silverweed	SAHO/CAOB3-AREGE
SW1102	Hooker willow-Crabapple/Slough sedge-Skunk cabbage saturated	SAHO-MAFU/CAOB3-LYAM3
SW4101	Bog blueberry/Tufted hairgrass	VAUL/DECEC
SW4102	Bog blueberry/Slough sedge	VAUL-CAOB3
SW4114	Douglas spiraea saturated	SPDO
SW8101	Tree lupine/European beachgrass	LUAR/AMAR4
WE0101	Three-square bulrush tidal	SCAM6
WE0102	Baltic rush-Pacific silverweed tidal	JUBA-AREGE
WE0104	Tufted hairgrass-Pacific silverweed tidal	DECEC-AREGE
WE0105	Lyngby sedge-Pacific silverweed tidal	CALY3-AREGE
WE0106	Creeping bentgrass-Pacific silverweed tidal	AGSTS-AREGE

NRV_PV_COVER_TYPES (CONT.)**Reference Code 642 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
WE0107	Saltgrass-Pacific silverweed tidal	DISP-AREGE
WL0101	Pond lily	NULUP
WL0102	Floating water-pennywort	HYRA
WL0103	Floating-leaved pondweed	PONA4
WL0104	Simplestem bur-reed	SPAN2
WL0105	Parrot-feather	MYAQ2
WL0106	South American waterweed	EGDE
WL0107	Common bladderwort	UTMA
WL9001	Waterpepper-Water purslane	POHY2-LUPA
WL9002	Water smartweed	POAM8
WL9003	Threeway sedge	DUAR3
WL9004	Knotgrass	PADI6

Reference Code 647

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAF312	mountain hemlock-subalpine fir/Cascades aster	TSME-ABLA/EULE14
CAG313	mountain hemlock-whitebark pine/Hitchcock's smooth woodrush	TSME-PIAL/LUGLH
CAG314	mountain hemlock/Hitchcock's smooth woodrush	TSME/LUGLH
CAS212	mountain hemlock/pink mountainheath-Cascade bilberry	TSME/PHEM-VADE
CAS412	mountain hemlock-subalpine fir/common juniper	TSME-ABLA/JUCO6
CDC710	Douglas-fir/Cascade barberry	PSME/MANE2
CDC715	Douglas-fir-western hemlock/Pacific rhododendron	PSME-TSHE/RHMA3
CDS124	Douglas-fir/Pacific poison oak	PSME/TODI
CDS212	Douglas-fir/pceanspray/grass	PSME/HODI/grass
CDS213	Douglas-fir/oceanspray-common whippiea	PSME/HODI-WHMO
CDS216	Douglas-fir/oceanspray-Cascade barberry	PSME/HODI-MANE2
CDS217	Douglas-fir/oceanspray-snowberry	PSME/HODI-SYMPH
CDS312	Douglas-fir/beaked hazelnut-creeping snowberry/western swordfern	PSME/COCO6-SYMO/POMU
CDS512	Douglas-fir/Cascade barberry-salal	PSME/MANE2-GASH
CFC251	Pacific silver fir-western hemlock/Pacific rhododendron-salal	ABAM-TSHE/RHMA3-GASH
CFC311	Pacific silver fir-grand fir/starry false lily of the valley	ABAM-ABGR/MAST4
CFF152	Pacific silver fir/threeleaf foamflower	ABAM/TITR
CFF153	Pacific silver fir/redwood-sorrel	ABAM/OXOR
CFS151	Pacific silver fir/Cascade barberry	ABAM/MANE2
CFS251	Pacific silver fir/thinleaf huckleberry/common beargrass	ABAM/VAME/XETE
CFS253	Pacific silver fir/Alaska blueberry/bunchberry dogwood	ABAM/VAAL3/COCA13
CFS254	Pacific silver fir/rusty menziesia	ABAM/MEFE
CFS255	Pacific silver fir/Alaska blueberry-salal	ABAM/VAAL3-GASH

NRV_PV_COVER_TYPES (CONT.)**Reference Code 642 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CFS256	Pacific silver fir/thinleaf huckleberry/bride's bonnet	ABAM/VAME/CLUN2
CFS351	Pacific silver fir/devilscub	ABAM/OPHO
CFS551	Pacific silver fir/Cascade azalea/common beargrass	ABAM/RHAL2/XETE
CFS552	Pacific silver fir/Cascade azalea/bride's bonnet	ABAM/RHAL2/CLUN2
CFS651	Pacific silver fir/vine maple/threeleaf foamflower	ABAM/ACCI/TITR
CFS652	Pacific silver fir/Pacific rhododendron/Cascade barberry	ABAM/RHMA3/MANE2
CFS653	Pacific silver fir/Pacific rhododendron/common beargrass	ABAM/RHMA3/XETE
CFS654	Pacific silver fir/Pacific rhododendron-Alaska blueberry/bunchberry dogwood	ABAM/RHMA3-VAAL3/COCA13
CHF110	western hemlock/redwood sorrel-NWO Cascades	TSHE/OXOR-NWO Cascades
CHF150	western hemlock/Pacific swordfern-NWO Cascades	TSHE/POMU-NWO Cascades
CHF220	western hemlock/sweet after death-dry-NWO Cascades	TSHE-ACCI-dry-NWO Cascades
CHF221	western hemlock/sweet after death	TSHE/ACTR
CHF321	western hemlock/twinflower	TSHE/LIBO3
CHM121	western hemlock/American skunkcabbage	TSHE/LYAM3
CHS110	western hemlock/salal-NWO Cascades	TSHE-GASH-NWO Cascades
CHS158	western hemlock/Cascade barberry-dry-NWO Cascades	TSHE/MANE2-dry-NWO Cascades
CHS159	western hemlock/Cascade barberry-salal-dry-NWO Cascades	TSHE/MANE2-GASH-dry-NWO Cascades
CHS160	western hemlock/Cascade barberry-salal-NWO Cascades	TSHE/MANE2-GASH-NWO Cascades
CHS161	western hemlock/Cascade barberry-NWO Cascades	TSHE/MANE2-NWO Cascades
CHS162	western hemlock/Cascade barberry/sweet after death	TSHE/MANE2/ACTR
CHS163	western hemlock/Cascade barberry/redwood-sorrel-NWO Cascades	TSHE/MANE2/OXOR-NWO Cascades
CHS164	western hemlock/Cascade barberry/western swordfern-NWO Cascades	TSHE/MANE2/POMU-NWO Cascades
CHS228	western hemlock/vine maple/western swordfern NWO Cascades	TSHE/ACCI/POMU-NWO Cascades
CHS232	western hemlock/vine maple-salal/western swordfern NWO Cascades	TSHE/ACCI-GASH/POMU-NWO Cascades
CHS326	western hemlock/Pacific rhododendron-Alaska blueberry/bunchberry dogwood	TSHE/RHMA3-VAAL3/COCA13
CHS350	western hemlock/Pacific rhododendron-salal-NWO Cascades	TSHE/RHMA3-GASH-NWO Cascades
CHS354	western hemlock/Pacific rhododendron/redwood sorrel	TSHE/RHMA3/OXOR
CHS355	western hemlock/Pacific rhododendron-twinflower	TSHE/RHMA3-LIBO3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 647 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHS356	western hemlock/Pacific rhododendron-Cascade barberry-NWO Cascades	TSHE/RHMA3-MANE2-NWO Cascades
CHS357	western hemlock/Pacific rhododendron/common beargrass	TSHE/RHMA3/XETE
CHS522	western hemlock/devilsclub/redwood sorrel	TSHE/OPHO/OXOR
CHS525	western hemlock/devilsclub/starry false lily of the valley	TSHE/OPHO/MAST4
CHS611	western hemlock/Alaska blueberry-devilsclub	THSE/VAAL3-OPHO
CHS613	western hemlock/Alaska blueberry/redwood sorrel-NWO Cascades	THSE/VAAL3/OXOR-NWO Cascades
CHS614	western hemlock/Alaska blueberry-salal	TSHE/VAAL3-GASH
CHS615	western hemlock/Alaska blueberry/bunchberry dogwood NWO Cascades	TSHE/VAAL3/COCO13-NWO Cascades
CMG212	mountain hemlock/forked woodrush	TSME/LUDI
CMS117	mountain hemlock/pinemat manzanita	TSME/ARNE
CMS118	mountain hemlock/grouse whortlberry	TSME/VASC
CMS224	mountain hemlock/thinleaf huckleberry/common beargrass	TSME/VAME/XETE
CMS225	mountain hemlock/rusty menziesia	TSME/MEFE
CMS226	mountain hemlock/Cascade azalea/bride's bonnet	TSME/RHAL2/CLUN2
CMS227	mountain hemlock/Cascade azalea/common beargrass	TSME/RHAL2/XETE
CMS228	mountain hemlock/thinleaf huckleberry-western mountain ash	TSME/VAME-SOSI2
CMS229	mountain hemlock/thinleaf huckleberry/bride's bonnet	TSME/VAME/CLUN2
CMS613	mountain hemlock/Pacific rhododendron	TSME/RHMA3
CWF211	grand fir/pipsissewa	ABGR/CHUM
CWS521	grand fir/kinnikinnick	ABGR/ARUV
CWS522	grand fir/Cascade barberry	ABGR/MANE2
CWS527	grand fir/vine maple/western swordfern	ABGR/ACCI/POMU
CWS528	grand fir/Cascade barberry-salal	ABGR/MANE2-GASH
CWS529	grand fir/oceanspray/western swordfern	ABGR/HODI/POMU
CWS555	grand fir/beaked hazelnut/white insideout flower	ABGR/COCO6/VAHE
CWS622	grand fir/Pacific poison oak	ABGR/TODI

Reference Code 648

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAF312	mountain hemlock-subalpine fir/Cascade aster	TSME-ABLA2/EULE14
CAG313	mountain hemlock-whitebark pine/lupine	TSME-PIAL/LUGL
CAG314	mountain hemlock/lupine	TSME/LUGL
CAS212	mountain hemlock/red heather-Blueleaf huckleberry, NW Oregon	TSME/PHEM-VADE
CAS412	mountain hemlock-subalpine fir/common juniper	TSME-ABLA2/JUCO6

NRV_PV_COVER_TYPES (CONT.)**Reference Code 648 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CDC710	Douglas-fir/dwarf Oregon grape	PSME/MANE2
CDC712	Douglas-fir-W. hemlock/rhododendron	PSME-TSHE/RHMA
CDC714	Douglas-fir/dwarf Oregon grape/salal	PSME/MANE2-GASH
CDS124	Douglas-fir/poison oak	PSME/TODI
CDS212	Douglas-fir/oceanspray/grass	PSME/HODI/GRASS
CDS213	Douglas-fir/oceanspray/whipple vine	PSME/HODI/WHMO
CDS216	Douglas-fir/oceanspray-dwarf Oregon grape	PSME/HODE-MANE2
CDS217	Douglas-fir/oceanspray-snowberry	PSME/HODI-SYMPH
CDS312	Douglas-fir/California hazel-creeping snowberry/swordfern	PSME/COC06-SYMO/POMU
CDS512	Douglas-fir/dwarf Oregon grape/salal	PSME/MANE2-GASH
CFC311	silver fir-grand fir/false solomonseal	ABAM-ABGR/SMST
CFF152	silver fir/coolwort foamflower	ABAM/TIUN
CFF155	Pacific silver fir/Oregon oxalis-NWO coast	ABAM/OXOR
CFF613	Pacific silver fir/Oregon oxalis-swordfern	ABAM/OXOR-POMU
CFS151	silver fir/dwarf Oregon grape	ABAM/BENE
CFS251	silver fir/big huckleberry/beargrass	ABAM/VAME/XETE
CFS254	silver fir/fools huckleberry	ABAM/MEFE
CFS255	silver fir/Alaska huckleberry-salal	ABAM/VAAL-GASH
CFS256	silver fir/big huckleberry/beadily	ABAM/VAME/CLUN
CFS351	silver fir/devils club	ABAM/OPHO
CHF110	western hemlock/Oregon oxalis-NWO Cascades	TSHE/OXOR-NWO Cascades
CHF141	western hemlock/Oregon oxalis-NWO coast	TSHE/OXOR-NWO Coast
CHF142	western hemlock/swordfern-NWO coast	TSHE/POMU/NWO Coast
CHF150	western hemlock/swordfern-NWO Cascades	TSHE/POMU-NWO Cascades
CHF220	western hemlock/vanilla leaf-DRY-NWO Cascades	TSHE/ACTR-DRY-NWO Cascades
CHF221	western hemlock/vanillaleaf	TSHE/ACTR
CHF231	western hemlock/Oregon oxalis-vanilla leaf	TSHE/OXOR-ACTR
CHF232	western hemlock/vanilla leaf-DRY-NWO coast	TSHE/ACTR-DRY-NWO Coast
CHF321	western hemlock/twinflower	TSHE/LIBO3
CHS110	western hemlock/salal-NWO Cascades	TSHE/GASH-NWO Cascades
CHS151	western hemlock/dwarf Oregon grape-NWO coast	TSHE/MANE2-NWO Coast
CHS152	western hemlock/dwarf Oregon grape-DRY-NWO coast	TSHE/MANE2-DRY-NWO Coast
CHS153	western hemlock/dwarf Oregon grape-salal-NWO coast	TSHE/MANE2-GASH-NWO Coast
CHS154	western hemlock/dwarf Oregon grape-salal-DRY-NWO coast	TSHE/MANE2-GASH-DRY-NWO Coast
CHS155	western hemlock/dwarf Oregon grape/Oregon oxalis-NWO coast	TSHE/MANE2/OXOR-NWO Coast
CHS156	western hemlock/dwarf Oregon grape/swordfern-NWO coast	TSHE/MANE2/POMU-NWO Coast
CHS157	western hemlock/salal-NWO coast	TSHE/GASH-NWO Coast
CHS158	western hemlock/dwarf Oregon grape-DRY-NWO Cascades	TSHE/MANE2-DRY-NWO Cascades

NRV_PV_COVER_TYPES (CONT.)**Reference Code 648 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHS159	western hemlock/dwarf Oregon grape-salal-DRY-NWO Cascades	TSHE/MANE2-GASH-DRY-NWO Cascades
CHS160	western hemlock/dwarf Oregon grape-salal-NWO Cascades	TSHE/MANE2-GASH-NWO Cascades
CHS161	western hemlock/dwarf Oregon grape-NWO Cascades	TSHE/MANE2-NWO Cascades
CHS162	western hemlock/dwarf Oregon grape/vanilla leaf-NWO Cascades	TSHE/MANE2/ACTR-NWO Cascades
CHS163	western hemlock/dwarf Oregon grape/Oregon oxalis-NWO Cascades	TSHE/MANE2/OXOR-NWO Cascades
CHS164	western hemlock/dwarf Oregon grape/swordfern-NWO Cascades	TSHE/MANE2/POMU-NWO Cascades
CHS222	w. hemlock/vine maple/swordfern, coast	TSHE/ACCI/POMU-COAST
CHS230	western hemlock/vine maple-salal/swordfern-NWO coast	TSHE/ACCI-GASH/POMU-NWO Coast
CHS231	western hemlock/vine maple-California hazel	TSHE/ACCI-COC06
CHS314	western hemlock/rhododendron-dwarf Oregon grape-NWO coast	TSHE/RHMA3-MANE2-NWO Coast
CHS322	western hemlock/rhododendron-salal, coast	TSHE/RHMA-GASH-COAST
CHS323	western hemlock/rhododendron/swordfern, coast	TSHE/RHMA/POMU-COAST
CHS324	western hemlock/rhododendron-evergreen huckleberry, coast	TSHE/RHMA-VAOV2-COAST
CHS350	western hemlock/rhododendron-salal-NWO Cascades	TSHE/RHMA3-GASH-NWO Cascades
CHS356	western hemlock/rhododendron-dwarf Oregon grape-NWO Cascades	TSHE/RHMA3-MANE2-NWO Cascades
CHS357	western hemlock/rhododendron/beargrass-NWO Cascades	TSHE/RHMA3/XETE-NWO Cascades
CHS421	western hemlock/salmonberry, coastal	TSHE/RUSP-COAST
CHS422	western hemlock/salmonberry/vine maple, coast	TSHE/RUSP-ACCI-COAST
CHS423	western hemlock/salmonberry/salal, coastal	TSHE/RUSP-GASH-COAST
CHS521	western hemlock/devils club, coastal	TSHE/OPHO-COAST
CHS610	western hemlock/evergreen huckleberry, coastal	TSHE/VAOV2-COAST
CHS616	western hemlock/Alaska huckleberry/Oregon oxalis-NWO coast	TSHE/VAAL/OXOR-NWO Coast
CMG211	mountain hemlock/woodrush	TSME/LUZULA
CMG212	mountain hemlock/lupine	TSME/LUDI
CMS117	mountain hemlock/pinemat manzanita	TSME/ARNE
CMS118	mountain hemlock/grouse whortleberry-NW Oregon	TSME/VASC-NWO
CMS224	mountain hemlock/big huckleberry/beargrass, NW Oregon	TSME/VAME/XETE-NWO
CMS225	mountain hemlock/rusty menziesia, NW Oregon	TSME/MEFE-NWO
CMS226	mountain hemlock/white beaksedge/bead lily	TSME/RHAL/CLUN
CMS227	mountain hemlock/white beaksedge/beargrass	TSME/RHAL/XETE
CMS228	mountain hemlock/big huckleberry-Mt. Albert goldenrod	TSME/VAME-SOSI
CMS229	mountain hemlock/big huckleberry-beadlily	TSME/VAME/CLUN-NWO

NRV_PV_COVER_TYPES (CONT.)**Reference Code 648 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CMS613	mountain hemlock/rhododendron, NW Oregon	TSME/RHMA-NWO
CSF121	Sitka spruce/swordfern	PISI/POMU
CSF321	Sitka spruce/oxalis	PISI/OXOR
CSS321	Sitka spruce/salal	PISI/GASH
CSS521	Sitka spruce/salmonberry	PISI/RUSP
CSS522	Sitka spruce/salmonberry-salal	PISI/RUSP-GASH
CWS522	grand fir/dwarf Oregon grape	ABGR/BENE
CWS527	grand fir/vine maple/swordfern	ABGR/ACCI/POMU
CWS528	grand fir/dwarf Oregon grape-salal	ABGR/MANE2-GASH
CWS529	grand fir/oceanspray/sword fern	ABGR/HODI/POMU
CWS555	grand fir/California hazel/inside out flower	ABGR/COC06/VAHE
CWS622	grand fir/poison oak	ABGR/TODI

Reference Code 650

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CAF312	mountain hemlock-subalpine fir/Cascade aster	TSME-ABLA2/EULE14
CAG313	mountain hemlock-whitebark pine/lupine	TSME-PIAL/LUGL
CAG314	mountain hemlock/lupine	TSME/LUGL
CAS212	mountain hemlock/Rred heather-blueleaf huckleberry, NW Oregon	TSME/PHEM-VADE-NWO
CAS412	mountain hemlock-subalpine fir/common juniper	TSME-ABLA2/JUC06
CDC710	Douglas-fir/dwarf Oregon grape	PSME/MANE2
CDC714	Douglas-fir/dwarf Oregon grape/salal	PSME/MANE2-GASH
CDS124	Douglas-fir/poison oak	PSME/TODI
CDS216	Douglas-fir/oceanspray-dwarf Oregon grape	PSME/HODI-MANE2
CDS217	Douglas-fir/oceanspray-snowberry	PSME/HODI-SYMPH
CDS312	Douglas-fir/California hazel-creeping snowberry/swordfern	PSME/COC06-SYMO/POMU
CDS512	Douglas-fir/dwarf Oregon grape/salal	PSME/MANE2-GASH
CFF155	Pacific silver fir/Oregon oxalis-NWO coast	ABAM/OXOR-NWO Coast
CFF613	Pacific silver fir/Oregon oxalis-swordfern	ABAM/OXOR-POMU
CHF110	western hemlock/Oregon oxalis-NWO Cascades	TSHE/OXOR-NWO Cascades
CHF141	western hemlock/Oregon oxalis-NWO coast	TSHE/OXOR-NWO Coast
CHF142	western hemlock/swordfern-NWO coast	TSHE/POMU/NWO Coast
CHF150	western hemlock/swordfern-NWO Cascades	TSHE/POMU-NWO Cascades
CHF220	western hemlock/vanilla leaf-DRY-NWO Cascades	TSHE/ACTR-DRY-NWO Cascades
CHF231	western hemlock/Oregon oxalis-vanilla leaf	TSHE/OXOR-ACTR
CHF232	western hemlock/vanilla leaf-DRY-NWO coast	TSHE/ACTR-DRY-NWO Coast
CHS110	western hemlock/salal-NWO Cascades	TSHE/GASH-NWO Cascades
CHS151	western hemlock/dwarf Oregon grape-NWO coast	TSHE/MANE2-NWO Coast
CHS152	western hemlock/dwarf Oregon grape-DRY-NWO coast	TSHE/MANE2-DRY-NWO Coast
CHS153	western hemlock/dwarf Oregon grape-salal-NWO coast	TSHE/MANE2-GASH-NWO Coast

NRV_PV_COVER_TYPES (CONT.)**Reference Code 650 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CHS154	western hemlock/dwarf Oregon grape-salal-DRY-NWO coast	TSHE/MANE2-GASH-DRY-NWO Coast
CHS155	western hemlock/dwarf Oregon grape/Oregon oxalis-NWO coast	TSHE/MANE2/OXOR-NWO Coast
CHS156	western hemlock/dwarf Oregon grape/swordfern-NWO coast	TSHE/MANE2/POMU-NWO Coast
CHS157	western hemlock/salal-NWO coast	TSHE/GASH-NWO Coast
CHS158	western hemlock/dwarf Oregon grape-DRY-NWO Cascades	TSHE/MANE2-DRY-NWO Cascades
CHS159	western hemlock/dwarf Oregon grape-salal-DRY-NWO Cascades	TSHE/MANE2-GASH-DRY-NWO Cascades
CHS160	western hemlock/dwarf Oregon grape-salal-NWO Cascades	TSHE/MANE2-GASH-NWO Cascades
CHS161	western hemlock/dwarf Oregon grape-NWO Cascades	TSHE/MANE2-NWO Cascades
CHS162	western hemlock/dwarf Oregon grape/vanilla leaf-NWO Cascades	TSHE/MANE2/ACTR-NWO Cascades
CHS163	western hemlock/dwarf Oregon grape/Oregon oxalis-NWO Cascades	TSHE/MANE2/OXOR-NWO Cascades
CHS164	western hemlock/dwarf Oregon grape/swordfern-NWO Cascades	TSHE/MANE2/POMU-NWO Cascades
CHS228	western hemlock/vine maple/swordfern-NWO Cascades	TSHE/ACCI/POMU-NWO Cascades
CHS230	western hemlock/vine maple-salal/swordfern-NWO coast	TSHE/ACCI-GASH/POMU-NWO Coast, TSHE/ACCI-GASH/POMU-NWO
CHS231	western hemlock/vine maple-California hazel	TSHE/ACCI-COC06
CHS314	western hemlock/rhododendron-dwarf Oregon grape-NWO coast	TSHE/RHMA3-MANE2-NWO Coast
CHS350	western hemlock/rhododendron-salal-NWO Cascades	TSHE/RHMA3-GASH-NWO Cascades
CHS356	western hemlock/rhododendron-dwarf Oregon grape-NWO Cascades	TSHE/RHMA3-MANE2-NWO Cascades
CHS357	western hemlock/rhododendron/beargrass-NWO Cascades	TSHE/RHMA3/XETE-NWO Cascades
CHS616	western hemlock/Alaska huckleberry/Oregon oxalis-NWO coast	TSHE/VAAL/OXOR-NWO Coast
CMG212	mountain hemlock/lupine	TSME/LUDI
CMS117	mountain hemlock/pinemat manzanita	TSME/ARNE
CMS118	mountain hemlock/grouse whortleberry-NW Oregon	TSME/VASC-NWO
CMS224	mountain hemlock/ig huckleberry/beargrass, NW Oregon	TSME/VAME/XETE-NWO
CMS225	mountain hemlock/rusty menziesia, NW Oregon	TSME/MEFE-NWO
CMS226	mountain hemlock/white beaksedge/Bead lily	TSME/RHAL/CLUN
CMS227	mountain hemlock/white beaksedge/beargrass	TSME/RHAL/XETE
CMS228	mountain hemlock/big huckleberry-Mt. Albert goldenrod	TSME/VAME-SOSI

NRV_PV_COVER_TYPES (CONT.)**Reference Code 650 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CMS229	mountain hemlock/big huckleberry-Beadlily	TSME/VAME/CLUN-NWO
CMS613	mountain hemlock/rhododendron, NW Oregon	TSME/RHMA-NWO
CWS527	grand fir/vine maple/swordfern	ABGR/ACCI/POMU
CWS528	grand fir/dwarf Oregon grape-salal	ABGR/MANE2-GASH
CWS529	grand fir/oceanspray/sword fern	ABGR/HODI/POMU
CWS555	grand fir/California hazel/inside out flower	ABGR/COCO6/VAHE
CWS622	grand fir/poison oak	ABGR/TODI

Reference Code 901

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
AOC	maple/sweetroot-cohosh	ACER/OSMOR-CAULO
AQVac	maple-oak/blueberry	ACER-QUERC/VACCI
AQVib	maple-oak/viburnum	ACER-QUERC/VIBUR
ATD	maple-hemlock/woodfern	ACER-TSUGA/DRYOP
AVO	maple/violet-sweetroot	ACER/VIOLA-OSMOR
FE	ash/thoroughwort	FRAXI/EUPAT
FI	ash/touch-me-not	FRAXI/IMPAT
FMC	ash/mint/sedge	FRAXI/MENTH/CAREX
PCS	spruce/leatherleaf/sphagnum	PICEA/CHAMA5/SPHAG2
PO	spruce/osmunda	PICEA/OSMUN
PVC	pine/blueberry/sedge	PINUS/VACCI/CAREX
PVD	pine/blueberry/hairgrass	PINUS/VACCI/DESCH
QAE	oak-maple/trailing arbutus	QUERC-ACER/EPIGA
TAM	hemlock-maple/mitchella	TSUGA-ACER/MITCH
TM	hemlock/mayflower	TSUGA/MAIAN
TMC	hemlock/mayflower-goldthread	TSUGA/MAIAN-COPTI
TMV	hemlock/mayflower-blueberry	TSUGA/MAIAN-VACCI
TTL	hemlock-red cedar/honeysuckle	TSUGA-THUJA/LONIC
TTM	hemlock-red cedar/mitterwort	TSUGA-THUJA/MITEL
TTP	hemlock-red cedar/butterbur	TSUGA-THUJA/PETAS
TTS	hemlock-red cedar/sphagnum	TSUGA-THUJA/SPHAG2

Reference Code 902

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
62	mixed oak-red maple/vaccinium (poorly drained, acidic sands)	QUERC-ACRU/VACCI
63	northern red oak-red maple-paper birch/mayflower	QURU-ACRU-BEPA/MAIAN
64	white ash-American basswood/violet	FRAM2-TIAM/VIOLA
72	red maple-paper birch/wintergreen	ACRU-BEPA/PYROL
73	red maple-paper birch/bunchberry dogwood	ACRU-BEPA/COCA13
74	black ash-American basswood/violet	FRNI-TIAM/VIOLA

NRV_PV_COVER_TYPES (CONT.)**Reference Code 902 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
80	sedge (cattails and open water)	CAREX
81	acid organics (stagnant drainages)	
82	non-acid organics (floodplains)	
DSH	mixed oak-red maple/starflower (dry ice-contact and sand hills)	QUERC-ACRU/TRIEN
HPM	sugar maple-beech/mayflower (herb poor moraines)	ACSA3-FAGUS/MAIAN
HPM42	suger maple/mayflower	ACSA3/MAIAN
HPM43	sugar maple-northern red oak/mayflower	ACSA3-QURU/MAIAN
HRM	sugar maple-white ash/sweetroot (herb rich moraines)	ACSA3-FRAM2/OSMOR
HRM47	sugar maple-white ash/cohosh	ACSA3-FRAM2/CAULO
MSH	northern red oak-red maple/viburnum (mesic ice-contact sand hills)	QURU-ACRU/VIBUR
MSH37	northern red oak-red maple/ticktrefoil	QURU-ACRU/DESMO
OWP	black oak-white oak/blueberry (outwash plains)	QUVE-QUAL/VACCI
OWP1	northern pin oak-white oak/hairgrass	QUEL-QUAL/DESCH

Reference Code 903

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
10	chestnut oak-white oak/upright carrionflower	QUPR2-QUAL/SMEC
11	tuliptree-sugar maple/woodland stonecrop-Canadian woodnettle	LITU-ACSA3/SETE3-LACA3
110	scarlet oak-chestnut oak/blueberry	QUCO2-QUPR2/VACCI
120	shagbark hickory-pignut hickory/smooth Solomon's seal-American pokeweed	CAOV2-CAGL8/POBI2-PHAM4
21	chestnut oak/wreath goldenrod-upright carrionflower	QUPR2/SOCA4-SMEC
211	chestnut oak-scarlet oak/smooth yellow false foxglove/poverty oatgrass	QUPR2-QUCO2/AUFL/DASP2
212	red maple-northern red oak-white oak/Canada lily/sedge	ACRU-QURU-QUAL/LICA3/CAREX
22	chestnut oak-white oak/nakedflower ticktrefoil-wreath goldenrod	QUPR2-QUAL/DENU4-SOCA4
221	scarlet oak-chestnut oak-white oak/whorled yellow loosestrife	QUCO2-QUPR2-QUAL/LYQU2
222	white oak-black cherry-red maple/early bluegrass-sedge	QUAL-PRSE2-ACRU/POCU4-CAREX
23	white oak/viburnum-blueberry	QUAL/VIBUR-VACCI
230	white oak-black oak-sugar maple-northern red oak/Indianpipe-Bosc's panicgrass	QUAL-QUVE-ACSA3-QURU/MOUN3-DIBO2
24	white oak/azure bluet-rue anemone	QUAL/HOCA4-THTH2
31	oak/Christmas fern	QUERC/POAC4
311	white oak-black oak-blackgum	QUAL-QUVE-NYSY
312	northern red oak-sugar maple-American beech/hairy Solomon's seal-lanceleaf wild licorice	QURU-ACSA3-FAGR/POPU4-GALA3

NRV_PV_COVER_TYPES (CONT.)**Reference Code 903 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
32	tuliptree-sugar maple/Canadian clearweed-Clayton's sweetroot	LITU-ACSA3/PIPU2-OSCL
321	white oak-black oak-hickory/nakedflower ticktrefoil-American alumroot	QUAL-QUVE-CARYA/DENU4-HEAM6
322	northern red oak-sugar maple-American beech/hairy skullcap-sedge	QURU-ACSA3-FAGR/SCCL-CAREX
33	mixed hardwoods/northern spicebush-bigleaf aster	2TD/LIBE3-EUMA27
330	white oak-northern red oak-ash/nakedflower ticktrefoil-white avens	QUAL-QURU-FRAXI/DENU4-GECA7
34	mixed hardwoods/bigleaf aster-Canadian honewort	2TD/EUMA27-CRCA9
411	white oak-tuliptree-American hornbeam-sugar maple/golden ragwort-upright carrionflower	QUAL-LITU-CACA18-ACSA3/PAAU3-SMEC
412	white oak-green ash-yellow buckeye-American beech-American basswood-American sycamore/basil beebalm-jumpseed	QUAL-FRPE-AEFL-FAGR-TIAM-PLOC/MOCL2-POVI2

Reference Code 904

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
APN80	Northern Spruce Bog	
APN80a1	Black Spruce Bog, Treed subtype	
APN80a2	Black Spruce Bog, Semi-treed subtype	
APN81	Northern Poor Conifer Swamp	
APN81a	Poor Black Spruce Swamp	
APN81b1	Poor Tamarack - Black Spruce Swamp, Black Spruce subtype	
APN81b2	Poor Tamarack - Black Spruce Swamp, Tamarack subtype	
APN90	Northern Open Bog	
APN90a	Low Shrub Bog	
APN90b1	Graminoid Bog, Typic subtype	
APN90b2	Graminoid Bog, Schlenke subtype	
APN91	Northern Poor Fen	
APN91a	Low Shrub Poor Fen	
APN91b	Graminoid Poor Fen	
APN91c1	Graminoid Poor Fen (Water track), Featureless Water Track subtype	
APN91c2	Graminoid Poor Fen (Water track), Flark subtype	
CTN11	Northern Dry Cliff	
CTN11a	Dry Mafic Cliff (Northern)	
CTN11b	Dry Mafic Cliff (Northern)	
CTN11c	Dry Thomson Cliff (Northern)	
CTN11d	Dry Felsic Cliff (Northern)	
CTN11e	Dry Sandstone Cliff (Northern)	
CTN12	Northern Open Talus	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 904 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
CTN12a	Dry Open Talus (Northern)	
CTN12b	Mesic Open Talus (Northern)	
CTN24	Northern Scrub Talus	
CTN24a	Dry Scrub Talus (Northern)	
CTN24b	Mesic Scrub Talus (Northern)	
CTN32	Northern Mesic Cliff	
CTN32a	Masic Mafic Cliff (Northern)	
CTN32b	Mesic Rove Cliff (Northern)	
CTN32c	Mesic Thomson Cliff (Northern)	
CTN32d	Mesic Felsic Cliff (Northern)	
CTN32e	Mesic Sandstone Cliff (Northern)	
CTN42	Northern wet Cliff	
CTN42a	Wet Mafic Cliff (Northern)	
CTN42b	Wet Rove Cliff (Northern)	
CTN42c	Wet Felsic Cliff (Northern)	
CTN42d	Wet Sandstone Cliff (Northern)	
CTU22	Lake Superior Cliff	
CTU22a	Exposed Mafic Cliff (Lake Superior)	
CTU22b	Exposed Felsic Cliff (Lake Superior)	
CTU22c	Sheltered Mafic Cliff (Lake Superior)	
FDN12	Northern Dry-Sand Pine Woodland	
FDN12a	Jack Pine Woodland (Sand)	
FDN12b	Red Pine Woodland (Sand)	
FDN22	Northern Dry-Bedrock Pine (oak) Woodland	
FDN22a	Jack Pine Woodland (Bedrock)	
FDN22b	Red Pine - White Pine Woodland (Northeastern Bedrock)	
FDN22c	Pin Oak woodland (Bedrock)	
FDN22d	Red Pine - White Pine Woodland (Eastcentral Bedrock)	
FDN32	Northern Poor Dry-Mesic Mixed Woodland	
FDN32a	Red Pine - White Pine Woodland (Canadian Shield)	
FDN32b	Red Pine - white Pine Woodland (Minnesota Point)	
FDN32c1	Black Spruce - Jack Pine Woodland, Jack Pine - Balsam Fir	
FDN32c2	Black Spruce - Jack Pine Woodland, Black Spruce - Feathermoss subtype	
FDN32c3	Black Spruce - Jack Pine Woodland, Jack Pine - Black Spruce - Aspen subtype	
FDN32d	Jack Pine - Black Spruce Woodland (Sand)	
FDN32e	Spruce - Fir woodland (North Shore)	
FDN33	Northern Dry-Mesic Mixed Woodland	
FDN33a1	Red Pine - White Pine Woodland, Balsam Fir subtype	
FDN33a2	Red Pine - White Pine Woodland, Mountain Maple subtype	
FDN33b	Aspen - Birch Woodland	
FDN33c	Black Spruce Woodland	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 904 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
FDN43	Northern Mesic Mixed Forest	
FDN43a	White Pine - Red Pine Forest	
FDN43b1	Aspen - Birch Forest, Balsam Fir subtype	
FDN43b2	Aspen - Birch Forest, Hardwood subtype	
FDN43c	Upland white Cedar Forest	
FDC12	Central Poor Dry Pine Woodland	
FDC12a	Jack Pine - (Bearberry) woodland	
FDC23	Central Dry Pine Woodland	
FDC23a1	Jack Pine - (Yarrow) Woodland, Ericaceous Shrub subtype	
FDC23a2	Jack Pine - (Yarrow) Woodland, Bur Oak - Aspen subtype	
FDC24	Central Rich Dry Pine Woodland	
FDC24a1	Jack Pine - (Bush Honeysuckle) Woodland, Bracken subtype	
FDC24a2	Jack Pine - (Bush Honeysuckle) Woodland, Bur Oak - Aspen subtype	
FDC25	Central Dry Oak-Aspen (Pine) Woodland	
FDC25a	Jack Pine - Oak Woodland	
FDC25b	Oak - Aspen Woodland	
FDC34	Cebtral Dry-Mesic Pine-Hardwood Forest	
FDC34a	Red Pine - White Pine Forest	
FDC34b	Oak - Aspen Forest	
FFN57	Northern Terrace Forest	
FFN57a	Black Ash - Silver Maple Terrace Forest	
FFN67	Northern Floodplain Forest	
FFN67a	Silver Maple - (Sensitive Fern) Floodplain Forest	
FFS59	Southern Terrace Forest	
FFS59a	Silver Maple - Green Ash - Cottonwood Terrace Forest	
FFS59b	Swamp White Oak Terrace Forest	
FFS59c	Elm - Ash - Basswood Terrace Forest	
FPN62	Northern Rich Spruce Swamp (Basin)	
FPN62a	Rich Black Spruce Swamp (Basin)	
FPN63	Northern Cedar Swamp	
FPN63a	White Cedar Swamp (Northeastern)	
FPN63b	White Cedar Swamp (Northcentral)	
FPN63c	White Cedar Swamp (Northwestern)	
FPN71	Northern Rich Spruce Swamp (Water Track)	
FPN71a	Rich Black Spruce Swamp (water Track)	
FPN72	Northern Rich Tamarack Swamp (Eastern Basin)	
FPN72a	Rich Tamarack Swamp (Eastcentral)	
FPN73	Northern Alder Swamp	
FPN73a	Alder Swamp	
FPN81	Northern Rich Tamarack Swamp (water Track)	
FPN81a	Rich Tamarack (Sundew - Pitcher Plant) Swamp	
FPN82	Northern Rich Tamarack Swamp (western Basin)	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 904 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
FPN82a	Rich Tamarack - (Alder) Swamp	
FPN82b	Extremely Rich Tamarack Swamp	
FPS63	Southern Rich Conifer Swamp	
FPS63a	Tamarack Swamp (Southern)	
FPW63	Northwestern Rich Conifer Swamp	
FPW63a	Tamarack - Black Spruce Swamp (Aspen Parkland)	
FPW63b	Tamarack Seepage Swamp (Aspen Parkland)	
LKI32	Inland Lake Sand/Gravel/Cobble Shore	
LKI32a	Sand Beach (Inland Beach)	
LKI32b	Gravel/Cobble Beach (Inland Lake)	
LKI43	Inland Lake Rocky shore	
LKI43a	Boulder Shore (Inland Lake)	
LKI43b	Bedrock Shore (Inland Lake)	
LKI54	Linland Lake Clay/Mud Shore	
LKI54a	Clay/Mud Shore (Inland Lake)	
LKI54b1	Mud Flat (Inland Lake), Saline subtype	
LKI54b2	Mud Flat (Inland Lake), Non-Saline subtype	
LKU32	Lake Superior Sand/Gravel/Cobbel Shore	
LKU32a	Beachgrass Dune (Lake Superior)	
LKU32b	Juniper Dune Shrubland (Lake Superior)	
LKU32c	Sand Beach Shrubland (Lake Superior)	
LKU32d	Beach Ridge Shrubland (Lake Superior)	
LKU32e	Gravel/Cobble Beach (Lake Superior)	
LKU43	Lake Superior Rocky Shore	
LKU43a	Dry Bedrock Shore (Lake Superior)	
LKU43b1	Wet Rocky Shore (Lake Superior), Cobble subtype	
LKU43b2	Wet Rocky Shore (Lake Superior), Bedrock subtype	
MHN35	Northern Mesic Hardwood Forest	
MHN35a	Aspen - Birch - Basswood Forest	
MHN35b	Red Oak - Sugar Maple - Basswood - (Bluebead Lily) Forest	
MHN44	Northern wet-Mesic Boreal Hardwood-Conifer Forest	
MHN44a	Aspen - Birch - Red Maple Forest	
MHN44b	White Pine - White Spruce - Paper Birch Forest	
MHN44c	Aspen - Fir Forest	
MHN44d	Aspen - Birch - Fir Forest	
MHN45	Northern Mesic Hardwood (Cedar) Forest	
MHN45a	Paper Birch - Sugar Maple Forest (North Shore)	
MHN45b	White Cedar - Yellow Birch Forest	
MHN45c	Sugar Maple Forest (North Shore)	
MHN46	Northern Wet-Mesic Hardwood Forest	
MHN46a	Aspen - Ash Forest	
MHN46b	Black Ash - Basswood Forest	
MHN47	Northern Rich Mesic Hardwood Forest	
MHN47a	Sugar Maple - Basswood - (Bluebead Lily) Forest	
MHN47b	Sugar Maple - Basswood - (Horsetail) Forest	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 904 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
MHC26	Central Dry-Mesic-Oak-Aspen Forest	
MHC26a	Oak - Aspen - Red Maple Forest	
MHC26b	Red Oak - Sugar Maple - Basswood - (Large-Flowered Trillium) Forest	
MHC36	Central Mesic Hardwood Forest (Eastern)	
MHC36a	Red Oak - Basswood Forest (Noncalcareous Till)	
MHC36b	Red Oak - Basswood Forest (Calcareous Till)	
MHC37	Central Mesic Hardwood Forest (Western)	
MHC37a	Aspen - (Sugar Maple -Basswood) Forest	
MHC37b	Sugar Maple - Basswood - (Aspen) Forest	
MHC47	Central Wet-Mesic Hardwood Forest	
MHC47a	Basswood - Black Ash Forest	
MRN83	Northern Mixed Cattail Marsh	
MRN83a	Cattail - Sedge Marsh (Northern)	
MRN83b	Cattail Marsh (Northern)	
MRN93	Northern Bulrush-Spikerush Marsh	
MRN93a	Bulrush Marsh (Northern)	
MRN93b	Spikerush - Bur Reed Marsh (Northern)	
MRU94	Lake Superior Coastal Marsh	
MRU94a	Estuary Marsh (Lake Superior)	
OPN81	Northern Shrub Shore Fen	
OPN81a	Bog Birch - Alder Shore Fen	
OPN81b	Bog Birch - Alder Shore Fen	
OPN91	Northern Rich Fen (Water Track)	
OPN91a	Shrub Rich Fen (water Track)	
OPN91b1	Graminoid Rich Fen (Water Track), Featureless Water Track subtype	
OPN91b2	Graminoid Rich Fen (Water Track), Flark subtype	
OPN92	Northern Rich Fen (Basin)	
OPN92a	Graminoid Rich Fen (Basin)	
OPN92b	Graminoid - Sphagnum Rich Fen (Basin)	
OPN93	Northern Extremely Rich Fen	
OPN93a	Spring Fen	
RON12	Northern Bedrock Outcrop	
RON12a	Sandstone Outcrop (Northern)	
RON12b	Crystalline Bedrock Outcrop (Northern)	
RON23	Northern Bedrock Shrubland	
RON23a	Bedrock Shrubland (Inland)	
RON23b	Bedrock Shrubland (Lake Superior)	
RVX32	Sand/Gravel/Cobble River Shore	
RVX32a	Willow Sandbar Shrubland (River)	
RVX32b1	Sand Beach/Sandbar (River), Intermittent Streambed subtype	
RVX32b2	Sand Beach/Sandbar (River), Permanent Stream subtype	

NRV_PV_COVER_TYPES (CONT.)**Reference Code 904 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
RVX32c1	Gravel/Cobble Beach (River), Intermittent Streambed subtype	
RVX32c2	Gravel/Cobble Beach (River), Permanent Stream subtype	
RVX43	Rocky River Shore	
RVX43a1	Bedrock/Boulder Shore (River), Intermittent Streambed subtype	
RVX43a2	Bedrock/Boulder Shore (River), Permanent Stream subtype	
RVX54	Clay/Mud River Shore	
RVX54a	Slumping Clay/Mud Slope (River)	
RVX54b1	Clay/Mud Shore (River), Intermittent Streambed subtype	
RVX54b2	Clay/Mud Shore (River), Permanent Stream subtype	
WFN53	Northern Wet Cedar Forest	
WFN53a	Lowland White Cedar Forest (North Shore)	
WFN53b	Lowland White Cedar Forest (Northern)	
WFN55	Northern Wet Ash Swamp	
WFN55a	Black Ash - Aspen - Balsam Poplar Swamp (Northeastern)	
WFN55b	Black Ash - Yellow Birch - Red Maple - Basswood Swamp (Eastcentral)	
WFN55c	Black Ash - Mountain Maple Swamp (Northern)	
WFN64	Northern Very Wet Ash Swamp	
WFN64a	Black Ash - Conifer Swamp (Northeastern)	
WFN64b	Black Ash - Yellow Birch - Red Maple - Alder Swamp (Eastcentral)	
WFN64c	Black Ash - Alder Swamp (Northern)	
WFS57	Southern Wet Ash Swamp	
WFS57a	Black Ash - (Red Maple) Seepage Swamp	
WFS57b	Black Ash - Sugar Maple - Basswood - (Blue Beech) Seepage Swamp	
WFS57c	Black Ash - Basswood Seepage Swamp	
WFW54	Northwestern Wet Aspen Forest	
WFW54a	Lowland Black Ash - Aspen - Balsam Poplar Forest	
WMN82	Northern Wet Meadow/Carr	
WMN82a	Willow - Dogwood Shrub Swamp	
WMN82b1	Sedge Meadow, Bluejoint subtype	
WMN82b2	Sedge Meadow, Tussock Sedge subtype	
WMN82b3	Sedge Meadow, Beaked Sedge subtype	
WMN82b4	Sedge Meadow, Lake Sedge subtype	

NRV_PV_COVER_TYPES (CONT.)

Reference Code 905

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
AAAs	sugar maple/Jack in the pulpit	ACSA3/ARTRT3
AAAt	sugar maple/common ladyfern	ACSA3/ATFI
AAAtRp	sugar maple/common ladyfern-dwarf red blackberry	ACSA3/ATFI-RUPU
ACaCi	sugar maple/blue cohosh-broadleaf enchanter's nightshade	ACSA3/CATH2-CILUC
ACal	sugar maple/blue cohosh-jewelweed	ACSA3/CATH2-IMCA
ACl	sugar maple/bluebead	ACSA3/CLBO3
AFAd	sugar maple-American beech/northern maidenhair	ACSA3-FAGR/ADPE
AFAl	sugar maple-American beech/wild leek	ACSA3-FAGR/ALTR3
AFTD	sugarmaple-eastern hemlock-American beech/spinulose woodfern	ACSA3-TSCA-FAGR/DRCA11
AFVb	sugar maple-American beech/mapleleaf viburnum	ACSA3-FAGR/VIAC
AH	sugar maple/Shawnee salad	ACSA3/HYVI
AHVb	sugar maple/Shawnee salad-mapleleaf viburnum	ACSA3/HYVI-VIAC
AHi	sugar maple/Shawnee salad-jewelweed	ACSA3/HYVI-IMCA
AOCa	sugar maple/Clayron's sweetroot-bluecohosh	ACSA3/OSCL-CATH2
ASal	sugar maple/bloodroot-jewelweed	ACSA3/SACA13-IMCA
ASnMi	sugar maple/Maryland sanicle-partridgeberry	ACSA3/SAMA2-MIRE
ATAtOn	sugar maple-eastern hemlock/common ladyfern-sensitive fern	ACSA3-TSCA/ATFI-ONSE
ATD	sugar maple-eastern hemlock/spinulose woodfern	ACSA3-TSCA/DRCA11
ATDH	sugar maple-eastern hemlock/spinulose woodfern-Shawnee salad	ACSA3-TSCA/DRCA11-HYVI
ATFPo	sugar maple-eastern hemlock-American beech/hairy Solomon's seal	ACSA3-TSCA-FAGR/POPU4
ATFSt	sugar maple-eastern hemlock-American beech/twistedstalk	ACSA3-TSCA-FAGR/STLAR
ATM	sugar maple-eastern hemlock/Canada mayflower	ACSA3-TSCA/MACA4
AVCl	sugar maple/lowbush blueberry/bluebead	ACSA3/VAAN/CLBO3
AVDe	sugar maple/lowbush blueberry/pointedleaf ticktrefoil	ACSA3/VAAN/DEGL5
AVVb	sugar maple/lowbush blueberry-mapleleaf viburnum	ACSA3/VAAN-VIAC
AVb	sugar maple/mapleleaf viburnum	ACSA3/VIAC
ArAbCo	red maple-balsam fir/bunchberry dogwood	ACRU-ABBA/COCA13
ArAbSn	red maple-balsam fir/Maryland sanicle	ACRU-ABBA/SAMA2
ArAbVC	red maple-balsam fir/lowbush blueberry-threelaf goldthread	ACRU-ABBA/VAAN-COTR2
ArAbVCo	red maple-balsam fir/lowbush blueberry-bunchberry dogwood	ACRU-ABBA/VAAN-COCA13
ArVRp	red maple/lowbush blueberry-dwarf red blackberry	ACRU/VAAN-RUPU
Avb-V	sugar maple/mapleleaf viburnum-lowbush blueberry	ACSA3/VIAC-VAAN
PARV	white pine-red maple/lowbush blueberry	PIST-ACRU/VAAN
PARV-U	white pine-red maple/lowbush blueberry/sessileleaf bellwort	PIST-ACRU/VAAN/UVSE
PARVAa	white pine-redmaple/lowbush blueberry-wild sarsaparilla	PIST-ACRU/VAAN-ARNU2

NRV_PV_COVER_TYPES (CONT.)**Reference Code 905 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
PArVAa-Po	white pine-redmaple/lowbush blueberry-wild sarsaparilla/hairy Solomon's seal	PIST-ACRU/VAAN-ARNU2/POPU4
PArVAa-Vb	white pine-redmaple/lowbush blueberry-wild sarsaparilla/mapleleaf viburnum	PIST-ACRU/VAAN-ARNU2/VIAC
PArVAo	white pine-redmaple/lowbush blueberry-spreading dogbane	PIST-ACRU/VAAN-APAN2
PArVHa	white pine-red maple/lowbush blueberry-American witchhazel	PIST-ACRU/VAAN-HAVI4
PArVPo	white pine-red maple/lowbush blueberry/hairy Solomon's seal	PIST-ACRU/VAAN/POPU4
PArVRh	eastern white pine-red maple/lowbush blueberry-bristly dewbwrry	PIST-ACRU/VAAN-RUHI
PQE	white pine-northern red oak/trailing arbutus	PIST-QURU/EPRE2
PQG	white pine-oak/eastern teaberry	PIST-QUERC/GAPR2
PQGCe	white pine-oak/eastern teaberry-New Jersey tea	PIST-QUERC/GAPR2-CEAM
Par/Vam	white pine-red maple/lowbush blueberry-American hogpeanut	PIST-ACRU/VAAN-AMPR2
Qap	white oak-oak/leadplant	QUAL-QUERC/AMCA6
TFAa	eastern hemlock-American beech/wild sarsaparilla	TSCA-FAGR/ARNU2
TMC	eastern hemlock/Canada mayflower-threelaf goldthread	TSCA/MACA4-COTR2

Reference Code 906

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
AArL	sugar maple-red maple/fourflower yellow loosestrife	ACSA3-ACRU/LYQU
AArVb	sugar maple-red maple/mapleleaf viburnum	ACSA3-ACRU/VIAC
AFAs	sugar maple-American beech/Jack in the pulpit	ACSA3-FAGR/ARISA
AFAs-O	sugar maple-American beech/Jack in the pulpit-sweetroot	ACSA3-FAGR/ARISA-OSMOR
AFH	sugar maple-American beech/waterleaf	ACSA3-FAGR/HYDRO4
AFTD	sugar maple-American beech-hemlock/spinulose woodfern	ACSA3-FAGR-TSUGA/DRCA11
AFrDe	sugar maple-white ash/pointedleaf ticktrefoil	ACSA3-FRAM2/DEGL5
AFrDe-O	sugar maple-white ash/pointedleaf ticktrefoil-sweetroot	ACSA3-FRAM2/DEGL5-OSMOR
AFrDe-Vb	sugar maple-white ash/ticktrefoil-viburnum	ACSA3-FRAM2/DESMO-VIBUR
AQVb-Gr	sugar maple-oak/mapleleaf viburnum-spotted geranium	ACSA3-QUERC/VIAC-GEMA
ATDe	sugar maple-basswood/ticktrefoil	ACSA3-TILIA/DESMO
ATDe-Pr	sugarmaple-basswood/ticktrefoil-black cherry	ACSA3-TILIA/DESMO-PRSE2
ATiAs-De	sugar maple-basswood/Jack in the pulpit-ticktrefoil	ACSA3-TILIA/ARISA-DESMO
ATiCa	sugar maple-basswood/blue cohosh-laportea	ACSA3-TILIA/CATH2
ATiCa-Al	sugar maple-basswood/blue cohosh-onion	ACSA3-TILIA/CATH2-ALLIU
ATiCa-La	sugar maple-basswood/blue cohosh-laportea	ACSA3-TILIA/CATH2-LAPOR

NRV_PV_COVER_TYPES (CONT.)**Reference Code 906 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
ATiCr-As	sugar maple-basswood/gray dogwood-Jack in the pulpit	ACSA3-TILIA/CORA6-ARISA
ATiCr-O	sugar maple-basswood/gray dogwood-sweetroot	ACSA3-TILIA/CORA6-OSMOR
ATiDe-As	sugar maple-basswood/ticktrefoil-Jack in the pulpit	ACSA3-TILIA/DESMO-ARISA
ATiDe-Ha	sugar maple-basswood/ticktrefoil-witchhazel	ACSA3-TILIA/DESMO-HAMAM
ATiFrCa	sugar maple-basswood-whiteash/blue cohosh	ACSA3-TILIA-FRAM2/CATH2
ATiFrCa-O	sugar maple-basswood-white ash/blue cohosh-sweetroot	ACSA3-TILIA-FRAM2/CATH2-OSMOR
ATiFrCi	sugar maple-basswood-white ash/broadleaf enchanter's nightshade	ACSA3-TILIA-FRAM2/CILUC
ATiFrVb	sugar maple-basswood-white ash/viburnum	ACSA3-TILIA-FRAM2/VIBUR
ATiFrVb-Cr	sugar maple-basswood-white ash/viburnum-gray dogwood	ACSA3-TILIA-FRAM2/VIBUR-CORA6
ATiH	sugar maple-basswood/waterleaf	ACSA3-TILIA/HYDRO4
ATiSa	sugar maple-basswood/bloodroot	ACSA3-TILIA/SACA13
ATiSa-De	sugar maple-basswood/bloodroot-ticktrefoil	ACSA3-TILIA/SACA13-DESMO
ATiTr	sugar maple-hemlock/starflower	ACSA3-TSUGA/TRIEN
ArCi	red maple/enchanter's nightshade	ARCU/CIRCA
ArCi-Ph	red maple/enchanter's nightshade-phrym	ARCU/CIRCA-PHYRM
ArDe	red maple/ticktrefoil	ACRU/DESMO
ArDe-V	red maple/ticktrefoil-blueberry	ACRU/DESMO-VACCI
PEu	eastern white pine/flowering spurge	PIST/EUCO10
PVCr	eastern white pine/blueberry-gray dogwood	PIST/VACCI-CORA6
PVGy	eastern white pine/blueberry-huckleberry	PIST/VACCI-GAYLU
PVHa	eastern white pine/blueberry-witchhazel	PIST/VACCI-HAMAM
PVRh	eastern white pine/blueberry-bristly dewberry	PIST/VACCI-RUHI
PVg	eastern white pine/blueberry-snowberry	PIST/VACCU-GAULT

Reference Code 1002

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
100	western hemlock series	TSHE Series
110	western hemlock/blueberry	TSHE/VACCI
115	western hemlock/blueberry-rusty menziesia	TSHE/VACCI-MEFE
120	western hemlock/blueberry/mountain woodfern	TSHE/VACCI/DRCA3
130	western hemlock/blueberry/American skunkcabbage	TSHE/VACCI/LYAM3
140	western hemlock/blueberry-devilsclub	TSHE/VACCI-OPHO
150	western hemlock/devilsclub-salmonberry	TSHE/OPHO-RUSP
160	western hemlock/devilsclub	TSHE/OPHO
165	western hemlock/devilsclub (low production)	TSHE/OPHO
170	western hemlock/devilsclub/American skunkcabbage	TSHE/OPHO/LYAM3
175	western hemlock/salmonberry	TSHE/RUSP
200	western hemlock-Alaska cedar series	TSHE-CHNO
210	western hemlock-Alaska cedar/blueberry	TSHE-CHNO/VACCI

NRV_PV_COVER_TYPES (CONT.)**Reference Code 1002 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
220	western hemlock-Alaska cedar/blueberry/American skunkcabbage	TSHE-CHNO/VACCI/LYAM3
230	western hemlock-Alaska cedar/blueberry-rusty menziesia	TSHE-CHNO/VACCI-MEFE
250	western hemlock-Alaska cedar/blueberry-devilsclub	TSHE-CHNO/VACCI-OPHO
300	Sitka spruce Series	PISI
310	Sitka spruce/blueberry	PISI/VACCI
320	Sitka spruce/blueberry-devilsclub	PISI/VACCI-OPHO
330	Sitka spruce/devilsclub	PISI/OPHO
333	Sitka spruce/devilsclub/small enchanter's nightshade	PISI/OPHO/CIAL
335	Sitka spruce/devilsclub-salmonberry	PISI/OPHO-RUSP
340	Sitka spruce/devilsclub/American skunkcabbage	PISI/OPHO/LYAM3
345	Sitka spruce/devilsclub (upland)	PISI/OPHO
350	Sitka spruce/red alder	PISI/ALRU2
352	Sitka spruce-red alder/salmonberry	PISI-ALRU2/RUSP
353	Sitka spruce/simil onion	PISI/ALSI
360	Sitka spruce/Pacific reedgrass	PISI/CANU
370	Sitka spruce/blueberry/American skunkcabbage	PISI/VACCI/LYAM3
380	Sitka spruce/salmonberry	PISI/RUSP
390	Sitka spruce-mountain hemlock/blueberry	PISI-TSME/VACCI
391	Sitka spruce-mountain hemlock/blueberry/Howell's marsh marigold	PISI-TSME/VACCI/CALEH2
395	Sitka spruce-mountain hemlock/blueberry-devilsclub	PISI-TSME/VACCI-OPHO
400	Mixed Conifer Series	2TE
410	mixed conifer/blueberry	2TE/VACCI
420	mixed conifer/blueberry/American skunkcabbage	2TE/VACCI/LYAM3
430	mixed conifer/blueberry/deercabbage	2TE/VACCI/NECR2
440	mixed conifer/American skunkcabbage-common ladyfern	2TE/LYAM3-ATFI
460	mixed conifer/blueberry-salal	2TE/VACCI-GASH
465	mixed conifer/blueberry-salal/deercabbage	2TE/VACCI-GASH/NECR2
470	mixed conifer/salal/American skunkcabbage	2TE/GASH/LYAM3
480	mixed conifer/salal	2TE/GASH
490	mixed conifer/copperbush/deercabbage	2TE/ELPY/NECR2
491	mixed conifer/copperbush	2TE/ELPY
500	mountain hemlock Series	TSME
510	mountain hemlock/blueberry	TSME/VACCI
520	mountain hemlock/copperbush	TSME/ELPY
525	mountain hemlock/copperbush-cassia	TSME/ELPY-CASSI
530	mountain hemlock/cassia	TSME/CASSI
535	mountain hemlock/cassia/deercabbage	TSME/CASSI/NECR2
540	mountain hemlock/blueberry/deercabbage	TSME/VACCI/NECR2
570	mountain hemlock/blueberry/Howells marsh marigold	TSME/VACCI/CALEH2
580	western hemlock/blueberry/American skunkcabbage	TSME/VACCI/LYAM3
600	lodgepole pine series	PICO
610	lodgepole pine/black crowberry	PICO/EMNI

NRV_PV_COVER_TYPES (CONT.)**Reference Code 1002 (cont.)**

PV_CODE	COMMON_NAME	SCIENTIFIC_NAME
620	lodgepole pine/blueberry	PICO/VACCI
630	lodgepole pine/Sitka sedge	PICO/CAAQD
640	lodgepole pine/tufted bulrush	PICO/TRCA30
650	lodgepole pine/salal	PICO/GASH
700	western hemlock-western red cedar series	TSHE-THPL
710	western hemlock-western red cedar/blueberry	TSHE-THPL/VACCI
720	western hemlock-western red cedar/western swordfern	TSHE-THPL/POMU
730	western hemlock-western red cedar/blueberry/American skunkcabbage	TSHE-THPL/VACCI/LYAM3
750	western hemlock-western red cedar/blueberry (well-drained variant)	TSHE-THPL/VACCI
760	western hemlock-western red cedar/blueberry-salal	TSHE-THPL/VACCI-GASH
765	western hemlock-western red cedar/blueberry-salal/American skunkcabbage	TSHE-THPL/VACCI-GASH/LYAM3
780	western hemlock-western red cedar/salal	TSHE-THPL/GASH
800	Sitka spruce-black cottonwood series	PISI-POBAT
830	Sitka spruce-black cottonwood/devilsclub	PISI-POBAT/OPHO
833	Sitka spruce-black cottonwood/devilsclub/enchanter's nightshade	PISI-POBAT/OPHO/CIAL
865	Sitka spruce-black cottonwood/Sitka alder-salmonberry	PISI-POBAT/ALSI-RUSP
885	Sitka-spruce-black cottonwood/Sitka alder-devilsclub	PISI-POBAT/ALSI-OPHO

NRV_SEVERITY_RATINGS

Codes describing the disturbance intensity.

Name	Type	Description									
CATEGORY_CODE <i>Required</i>	VC(2)	Disturbance category code. This column is constrained by Nrv_disturbance_category.									
CREATED_BY <i>Required</i>	VC(30)	The name of the person who created the record.									
CREATED_DATE <i>Required</i>	DATE	The date the record was created.									
CREATED_IN_INSTANCE <i>Required</i>	N(6)	The database ID where the record was created.									
DESCRIPTION <i>Required</i>	VC(255)	Description of each disturbance severity rating.									
SEVERITY_RATING_CODE <i>Required</i>	VC(6)	Unique severity codes for each disturbance category.									
SEVERITY_TYPE <i>Required</i>	VC(4)	A severity type can be recorded for both PLOT and TREE.									
DATA_TYPE	VC(3)	<table border="1"> <thead> <tr> <th>Code</th><th>Description</th><th>Use</th></tr> </thead> <tbody> <tr> <td>FIA</td><td>For codes specific to FIA data</td><td>FIA</td></tr> <tr> <td>Null</td><td>For codes used by FIA and CSE</td><td>CSE/FIA</td></tr> </tbody> </table>	Code	Description	Use	FIA	For codes specific to FIA data	FIA	Null	For codes used by FIA and CSE	CSE/FIA
Code	Description	Use									
FIA	For codes specific to FIA data	FIA									
Null	For codes used by FIA and CSE	CSE/FIA									
FVS_SEVERITY_CODE	VC(2)	FVS severity code related to this NRV severity rating									
MODIFIED_BY	VC(30)	The name of the person who modified the record.									
MODIFIED_DATE	DATE	The date the record was modified.									
MODIFIED_IN_INSTANCE	VC(6)	The database ID where the record was modified.									
ON_OFF	VC(3)	Flag to display (ON) or hide (OFF) individual severity codes in the Interface pull-down lists.									

Damage Agent Categories and Severity Ratings

Category	Severity	Description	Type	Use
10	0	No severity rating recorded	TREE	
10	1	Minor	TREE	CSE
10	2	Severe	TREE	CSE
11		No severity rating recorded	TREE	
11	1	Unsuccessful bole attack pitchout	TREE	CSE
11	2	Strip attacks	TREE	CSE
11	3	Successful current bole attack	TREE	CSE
11	4	Topkill	TREE	CSE
11	5	Successful attack last year	TREE	CSE
11	6	Older dead	TREE	CSE
12	0	No severity rating recorded	TREE	
12	1	Defoliation 1-25%, no topkill	TREE	CSE
12	2	Defoliation 1-25%, topkill 1-10%	TREE	CSE
12	3	Defoliation 1-25%, topkill >10%	TREE	CSE

Damage Agent Categories and Severity Ratings (cont.)

Category	Severity	Description	Type	Use
12	4	Defoliation 26-75%, no topkill	TREE	CSE
12	5	Defoliation 26-75%, topkill 1-10%	TREE	CSE
12	6	Defoliation 26-75%, topkill >10%	TREE	CSE
12	7	Defoliation 76-100%, no topkill	TREE	CSE
12	8	Defoliation 76-100%, topkill 1-10%	TREE	CSE
12	9	Defoliation 76-100%, topkill >10%	TREE	CSE
12	10	No detectable defoliation	TREE	FIA - PNW
12	11	Up to 33% of foliage (new and old) missing	TREE	FIA - PNW
12	12	34-66% of foliage (new and old) missing	TREE	FIA - PNW
12	13	67-100% of foliage (new and old) missing	TREE	FIA - PNW
13	0	No severity rating recorded	TREE	
13	1	Minor	TREE	CSE
13	2	Sever	TREE	CSE
14	0	No severity rating recorded	TREE	
14	1	Minor	TREE	CSE
14	2	Severe	TREE	CSE
15	0	No severity rating recorded	TREE	
15	1	Minor	TREE	CSE
15	2	Severe	TREE	CSE
16	0	No severity rating recorded	TREE	
16	1	Minor	TREE	CSE
16	2	Severe	TREE	CSE
17	0	No severity rating recorded	TREE	
17	1	Minor	TREE	CSE
17	2	Severe	TREE	CSE
18	0	No severity rating recorded	TREE	
18	1	Minor	TREE	CSE
18	2	Severe	TREE	CSE
19	0	No severity rating recorded	TREE	
19	1	Minor	TREE	CSE
19	2	Severe	TREE	CSE
20	0	No severity rating recorded	TREE	
20	1	Minor	TREE	CSE
20	2	Severe	TREE	CSE
21	0	No severity rating recorded	TREE	
21	1	Tree within 30 feet of tree with deteriorating crown, tree with diagnostic symptoms or signs, or tree killed by root disease	TREE	CSE
21	2	Pathogen (sign) or diagnostic symptom detected - no crown deterioration	TREE	CSE
21	3	Crown deterioration detected - no diagnostic symptoms or signs	TREE	CSE
21	4	Both crown deterioration and diagnostic signs symptoms detected	TREE	CSE
21	5	Bleeding present on bole	TREE	FIA
21	6	Bleeding present on bole and adjacent mortality present	TREE	FIA
21	7	Laboratory confirmed Sudden Oak Death	TREE	FIA
21	8	1 conk on the stem or present at ground level	TREE	FIA - PNW
21	9	2 or more conks separated by <16 ft. on bole	TREE	FIA - PNW
21	10	2 or more conks separated by >16 ft. on bole	TREE	FIA - PNW

Damage Agent Categories and Severity Ratings (cont.)

Category	Severity	Description	Type	Use
21	11	No conks. Visible decay in the interior of the bole	TREE	FIA - PNW
21	A0	No evidence of RDS in photo	PLOT	
21	A1	RDS present, but barely distinguishable in the photo	PLOT	
21	A2	RDS present, less than 10% of stand area	PLOT	
21	A3	RDS present, 10-20% canopy reduction	PLOT	
21	A4	RDS present, 20-30% overall canopy reduction	PLOT	
21	A5	RDS present, 30-50% overall canopy reduction	PLOT	
21	A6	RDS present, 50-70% overall canopy reduction	PLOT	
21	A7	76%+% of area in RDS patches	PLOT	
21	A8	Entire area infected with RDS, few remaining overstory trees	PLOT	
21	A9	Entire area infected with RDS, no remaining overstory trees	PLOT	
21	G0	No evidence of RDS within 50 feet of plot	PLOT	
21	G1	RDS present within 50 feet of plot, not on plot	PLOT	
21	G2	Minor evidence of RDS on plot	PLOT	CSE
21	G3	RDS present, canopy reduction less than 20%	PLOT	CSE
21	G4	RDS present, canopy reduction 20-30%	PLOT	CSE
21	G5	RDS present, canopy reduction 30-50%	PLOT	CSE
21	G6	RDS present, canopy reduction 50-75%, most ground area infested	PLOT	CSE
21	G7	RDS present, 76+% canopy reduction	PLOT	CSE
21	G8	Entire area infested with RDS, one or very few susceptible overstory trees	PLOT	CSE
21	G9	Entire area infested with RDS, no susceptible overstory trees present	PLOT	CSE
22	0	0 -4% rotten	TREE	CSE
22	1	5 -15% rotten	TREE	CSE
22	2	16 -25% rotten	TREE	CSE
22	3	26 -35% rotten	TREE	CSE
22	4	36 -45% rotten	TREE	CSE
22	5	46 -55% rotten	TREE	CSE
22	6	56 -65% rotten	TREE	CSE
22	7	66 -75% rotten	TREE	CSE
22	8	76 -85% rotten	TREE	CSE
22	9	86 - 100% rotten	TREE	CSE
22	11	Branch infections present, <50% of the crown affected	TREE	FIA
22	12	Branch infections present, >=50% of the crown affected, or any infection on the bole	TREE	FIA
22	13	No bole canker, and <10 infected branch tips	TREE	FIA
22	14	No bole canker, and >= 10 infected branch tips	TREE	FIA
22	15	1 or more bole cankers, and <10 infected branch tips	TREE	FIA
22	16	1 or more bole cankers, and >= 10 infected branch tips	TREE	FIA
22	17	1 conk on the stem or present at ground level	TREE	FIA
22	18	2 or more conks separated by <16 feet on the bole	TREE	FIA
22	19	2 or more conks separated by >=16 feet on the bole	TREE	FIA
22	20	No conks. Visible decay in the interior of the bole	TREE	FIA
23	0	Hawksworth tree DMR rating = 0	TREE	
23	1	Hawksworth tree DMR rating = 1	TREE	CSE
23	2	Hawksworth tree DMR rating = 2	TREE	CSE
23	3	Hawksworth tree DMR rating = 3	TREE	CSE

Damage Agent Categories and Severity Ratings (cont.)

Category	Severity	Description	Type	Use
23	4	Hawksworth tree DMR rating = 4	TREE	CSE
23	5	Hawksworth tree DMR rating = 5	TREE	CSE
23	6	Hawksworth tree DMR rating = 6	TREE	CSE
23	7	Vine damage: less than 50% of crown involved	TREE	CSE
23	8	Vine damage: 50% or more of crown involved	TREE	CSE
24	0	No severity rating recorded	TREE	
24	1	Minor	TREE	CSE
24	2	Severe	TREE	CSE
25	0	No severity rating recorded	TREE	
25	1	Minor	TREE	CSE
25	2	Severe	TREE	CSE
25	3	Branch infections present <50% of the crown affected	TREE	FIA - PNW
25	4	Branch infections present >50% of the crown affected	TREE	FIA - PNW
25	5	<20% of the foliage affected, or: <20% of the crown in brooms	TREE	FIA - PNW
25	6	>20% of the foliage affected, or: >20% of the crown in brooms	TREE	FIA - PNW
26	0	No severity rating recorded	TREE	
26	1	Branch infections located greater than 2 feet from tree bole	TREE	CSE
26	2	Branch infections located between 6 inches and 2 feet from tree bole	TREE	CSE
26	3	Bole infections or branch infections located within 6 inches of bole	TREE	CSE
26	4	Topkill	TREE	CSE
26	5	Branch infections present <50% of the crown affected	TREE	FIA - PNW
26	6	Branch infections present >50% of the crown affected	TREE	FIA - PNW
27	0	No severity rating recorded	TREE	
27	1	Minor	TREE	CSE
27	2	Severe	TREE	CSE
30	0	No severity rating recorded	TREE	
30	1	Minor	TREE	CSE
30	2	Severe	TREE	CSE
40	0	No severity rating recorded	TREE	
40	1	Minor	TREE	CSE
40	2	Severe	TREE	CSE
40	3	<20% crown is affected. Bole damage is restricted to <1/2 of circumference.	TREE	FIA - PNW
40	4	>20% crown is affected. Bole damage is on 1/2 or more of circumference.	TREE	FIA - PNW
41	0	No severity rating recorded	TREE	
41	1	Minor	TREE	CSE
41	2	Severe	TREE	CSE
41	3	<20% of the crown is affected. Bole damage is restricted to <1/2 of circumference.	TREE	FIA - PNW
41	4	>20% of the crown is affected. Bole damage is on 1/2 or more of circumference.	TREE	FIA - PNW
41	5	Earthworms are present	PLOT	CSE
41	6	Earthworms are absent	PLOT	CSE

Damage Agent Categories and Severity Ratings (cont.)

Category	Severity	Description	Type	Use
42	0	No severity rating recorded	TREE	
42	1	Minor	TREE	CSE
42	2	Severe	TREE	CSE
42	3	<20% of the crown is affected. Bole damage is restricted to <1/2 of circumference.	TREE	FIA - PNW
42	4	>20% of the crown is affected. Bole damage is on 1/2 or more of circumference.	TREE	FIA - PNW
50	0	No severity rating recorded	TREE	
50	1	Minor	TREE	CSE
50	2	Severe	TREE	CSE
50	3	<20% of the crown is affected	TREE	FIA - PNW
50	4	>20% of the crown is affected, or any damage to the bole	TREE	FIA - PNW
60	0	No severity rating recorded	TREE	
60	1	Minor	TREE	CSE
60	2	Severe	TREE	CSE
70	0	No severity rating recorded	TREE	
70	1	Minor	TREE	CSE
70	2	Severe	TREE	CSE
70	3	<20% of the crown is affected. Bole damage is restricted to <1/2 of circumference.	TREE	FIA - PNW
70	4	>20% of the crown is affected. Bole damage is on 1/2 or more of circumference.	TREE	FIA - PNW
70	5	<20% of the crown is affected	TREE	FIA - PNW
70	6	>20% of the crown is affected, or any damage to the bole	TREE	FIA - PNW
71	0	No severity rating recorded	TREE	
71	1	Minor	TREE	CSE
71	2	Severe	TREE	CSE
80	0	No severity rating recorded	TREE	
80	1	Minor	TREE	CSE
80	2	Severe	TREE	CSE
90	0	0 - 9% affected	TREE	CSE
90	1	10 - 19% affected	TREE	CSE
90	2	20 - 29% affected	TREE	CSE
90	3	30 - 39% affected	TREE	CSE
90	4	40 - 49% affected	TREE	CSE
90	5	50 - 59% affected	TREE	CSE
90	6	60 - 69% affected	TREE	CSE
90	7	70 - 79% affected	TREE	CSE
90	8	80 - 89% affected	TREE	CSE
90	9	90 - 100% affected	TREE	CSE
99-019		Percent of the total crown killed by fire	TREE	CSE
99-019	0	0 - 9% affected scorched foliage	TREE	CSE
99-019	1	10 - 19% affected scorched foliage	TREE	CSE
99-019	2	20 - 29% affected scorched foliage	TREE	CSE
99-019	3	30 - 39% affected scorched foliage	TREE	CSE
99-019	4	40 - 49% affected scorched foliage	TREE	CSE
99-019	5	50 - 59% affected scorched foliage	TREE	CSE
99-019	6	60 - 69% affected scorched foliage	TREE	CSE
99-019	7	70 - 79% affected scorched foliage	TREE	CSE

Damage Agent Categories and Severity Ratings (cont.)

Category	Severity	Description	Type	Use
99-019	8	80 - 89% affected scorched foliage	TREE	CSE
99-019	9	90 - 100% affected scorched foliage	TREE	CSE
99-038		Percent of the tree circumference that has cambium killed by fire	TREE	CSE
99-038	0	0 - 9% affected charred bark	TREE	CSE
99-038	1	10 - 19% affected charred bark	TREE	CSE
99-038	2	20 - 29% affected charred bark	TREE	CSE
99-038	3	30 - 39% affected charred bark	TREE	CSE
99-038	4	40 - 49% affected charred bark	TREE	CSE
99-038	5	50 - 59% affected charred bark	TREE	CSE
99-038	6	60 - 69% affected charred bark	TREE	CSE
99-038	7	70 - 79% affected charred bark	TREE	CSE
99-038	8	80 - 89% affected charred bark	TREE	CSE
99-038	9	90 - 100% affected charred bark	TREE	CSE

NRV_SITE_INDEX_REF_CODES

Site index information.

Name	Type	Description									
BASE_AGE <i>Required</i>	N(3)	The age used to bring height measurements to a common base when calculating site index.									
CREATED_BY <i>Required</i>	VC(30)	The name of the person who created the record.									
CREATED_DATE <i>Required</i>	DATE	The date the record was created.									
CREATED_IN_INSTANCE <i>Required</i>	N(6)	The database ID where the record was created.									
REFERENCE_AUTHOR <i>Required</i>	VC(2000)	The author of the site index publication.									
REFERENCE_NO <i>Required</i>	VC(3)	Sequential number to uniquely identify each reference.									
SITE_SPECIES <i>Required</i>	VC(8)	The species to which the site index curves apply.									
AGE_DEFINITION	VC(5)	Defines whether site index is computed using total tree age or breast height age. <table border="1"> <thead> <tr> <th>Code</th><th>Description</th><th>Use</th></tr> </thead> <tbody> <tr> <td>TOTAL</td><td>Total tree age</td><td></td></tr> <tr> <td>BH</td><td>Ring count at 4.5 feet height</td><td></td></tr> </tbody> </table>	Code	Description	Use	TOTAL	Total tree age		BH	Ring count at 4.5 feet height	
Code	Description	Use									
TOTAL	Total tree age										
BH	Ring count at 4.5 feet height										
FUNCTION_NAME	VC(128)	Name and input parameters needed to directly access database site index.									
LOCALITY	VC(240)	Geographical area over which the site index curves apply.									
MODIFIED_BY	VC(30)	The name of the person who modified the record.									
MODIFIED_DATE	DATE	The date the record was modified.									
MODIFIED_IN_INSTANCE	VC(6)	The database ID where the record was modified.									
ON_OFF	VC(3)	Field used to make only applicable references visible on forms.									

NRV_SITE_INDEX_REF_CODES

Reference	Species	Base Age	Locality	Reference-Author
1	ABCO	50	Eastern WA, eastern OR	Cochran, P.H. 1979b. Site index and height growth curves for managed, even-aged stands of white or grand fir east of the Cascades in Oregon and Washington. Res. Pap. PNW-252. Portland, OR. 13 p.
2	ABGR	50	Inland empire	Stage, A.R. Site index curves for grand fir in the Inland Empire. Res. Note 71. Ogden, UT. 4 p.
3	ABMA	50	California and Southern Oregon	Dolph, K.L. 1991. Polymorphic site index curves for red fir in California and southern Oregon. Res Pap. PSW-206. Berkeley, CA. 18 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
4	ABPR	100	Western WA, western OR	Herman, F.R. and others. 1978. Height growth and site index estimates for noble fir in high-elevation forests of the Oregon-Washington Cascades. Res Pap. PNW-243. Portland, OR. 15 p.
5	LAOC	50	Western MT, northern ID	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
6	MIXED	300	Sierra Nevada, CA	Dunning, D. 1942. A classification for the mixed conifer selection forests of the Sierra Nevada. CA For. and Range Exp. Sta. Res. Note 28 (Bulletin 1958). Berkeley, CA. 21 p.
7	PICO	100	CO, WY, UT, ID, MT, eastern WA, eastern OR	Alexander, R.R. 1966. Site indexes for lodgepole pine, with corrections for stand density; instructions for field use. Res. Pap. RM-24. Fort Collins, CO. 7 p.
8	PIEN	50	Western MT, ID, WY, CO, UT	Brickell, J.E. 1966. Site index curves for Engelmann spruce in the northern and central Rocky Mountains. Res. Note INT-42. Ogden, UT. 8 p.
9	PIM03	50	Northern ID	Haig, I.T. 1932. Second-growth yield, stand, and volume tables for the western white pine type. Tech. Bull. 323. Washington, D.C. 67 p.
10	PIPO	100	CA, OR, WA, ID, MT, SD	Meyer, W.H. 1938. Yield of even-aged stands of ponderosa pine. Tech. Bull. 630 Washington, D.C. 60 p.
11	PSME	50	Western WA	King, J.E. 1966. Site index curves for Douglas-fir in the Pacific Northwest. Weyerhaeuser For. Pap No. 8. Centralia, WA. 49 p.
12	SESE3	50	North coast CA	Wensel, L.C. and B. Krumland. 1986. A site index system for redwood and Douglas-fir in California's north coast forest. <i>Hilgardia</i> 54(8):1-14.
13	THPL	50	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
14	TSHE	100	Western OR, western WA, western BC, AK	Barnes, G.H. 1962. Yield of even-aged stands of western hemlock. Tach. Bull. 1273. Washington, D.C. 52 p.
15	ABCO	50	Western slope of Sierra Nevada	Dolph, K.L. 1987. Site index curves for young-growth California white fir on the western slopes of the Sierra Nevada. Res. Pap. PSW-185. Berkeley, CA 9 p.
16	ABGR	50	Inland Empire	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
17	LAOC	50	Western MT, northern ID	Schmidt, W.C. and others. 1976. Ecology and silviculture of western larch forests. Tech. Bull. 1520. Washington, D.C. 96 p.
18	PICO	50	CO, WY, UT, ID, MT, eastern WA, eastern OR	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
19	PIEN	100	CO, WY	Alexander, R.R. 1967. Site indexes for Engelmann spruce in the central Rocky Mountains. Res. Pap. RM-32. Fort Collins, CO. 7 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
20	PIMO3	50	Northern ID	Dietschman, G.H. and A.W. Green. 1965. Relations between western white pine site index and tree height of several associated species. Res. Pap. INT-22. Ogden, UT. 28 p.
21	PIPO	100	Northern ID, WA, MT	Lynch, D.W. 1958. Effects of stocking on site measurement and yield of second-growth ponderosa pine in the Inland Empire. Res. Pap. 56. Ogden, UT. 36 p.
22	PSME	50	Western MT, ID, WY, UT, CO	Brickell, J.E. 1968. A method for constructing site index curves from measurements of tree age and height - its application to inland Douglas-fir. Res. Pap. INT-47. Ogden, UT. 23 p.
23	THPL	100	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
24	TSHE	50	Western WA, western OR, western BC	Wiley, K.N. 1978. Site index tables for western hemlock in the Pacific Northwest. Weyerhaeuser For.Pap. No. 17. Centralia, WA. 15 p.
25	ABGR	50	Eastern WA, eastern OR	Cochran, P.H. 1979b. Site index and height growth curves for managed, even-aged stands of white or grand fir east of the Cascades in Oregon and Washington. Res. Pap. PNW-252. Portland, OR. 13 p.
26	LAOC	50	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
27	PICO	70	Alberta	Kirby, C.L. 1975. Site index equations for lodgepole pine and white spruce in Alberta. Info. Rep. N OR-X-142. Edmonton, AB. 15 p.
28	PIEN	50	CO, WY	Clendenen, G.W. 1977. Base-age conversion and site-index equations for Engelmann spruce stands in the central and southern Rocky Mountains. Res. Note INT-223. Ogden, UT. 6 p.
29	PIMO3	50	Northern ID	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
30	PIPO	50	Northern ID, WA, MT	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
31	PSME	50	Eastern OR, eastern WA	Cochran, P.H. 1979a. Site index and height growth curves for managed, even-aged stands of Douglas-fir east of the Cascades in Oregon and Washington. Res. Pap. PNW-251. Portland, OR. 16 p.
32	TSHE	50	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
33	LAOC	100	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
34	PICO	50	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
35	PIEN	100	East-central AZ	Stansfield, W.F. and others. 1992. Dominant height and site index equations for Douglas-fir and Engelmann spruce in East-Central Arizona. West. Jou. Appl. For. 7(2):40-44.
36	PIM03	50	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
37	PIPO	100	Eastern WA, eastern OR	Barrett, J.W. 1978. Height growth and site index curves for managed, even-aged stands of ponderosa pine in the Pacific Northwest. Res. Pap. PNW-232. Portland, OR. 14 p.
38	PSME	50	Eastern WA	Summerfield, E.R. 1980a. Site index and height growth of Douglas-fir in eastern Washington. WA DNR O per. Res. Inter. Rep. 80-12. Olympia, WA. 33 p.
39	TSHE	100	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
40	LAOC	50	Western MT	Milner, K.S. 1992. Site index and height growth curves for Ponderosa Pine, Western Larch, Lodgepole Pine, and Douglas-fir in western Montana. West. Jour. Appl. For. 7(1):9-14.
41	PICO	100	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
42	PIM03	100	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
43	PIPO	50	Eastern WA	Summerfield, E.R. 1980b. Site index and height growth of ponderosa pine in eastern Washington. WA DNR Oper. Res. Inter. Rep. 80-14. Olympia, WA. 32 p.
44	PSME	50	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
45	LAOC	50	Eastern WA, eastern OR	Cochran, P.H. 1985. Site index, height growth, normal yields, and stocking levels for Larch in Oregon and Washington. Res. Note PNW-424. Portland, OR 24 p.
46	PICO	50	Alberta	Cieszewski, C.J. and I.E. Bella. 1989. Polymorphic height and site index curves for lodgepole pine in Alberta. Can. Jour. For. Res. 19:1151-1160.
47	PIPO	50	Western MT	Tesch, S.D. and others. Ponderosa pine site curves for the Blackfoot River drainage, Montana. Res. Note 15. Missoula, MT. 3 p.
48	PSME	100	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
49	PICO	50	Western MT	Milner, K.S. 1992. Site index and height growth curves for Ponderosa Pine, Western Larch, Lodgepole Pine, and Douglas-fir in western Montana. West. Jour. Appl. For. 7(1):9-14.
50	PIPO	50	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
51	PSME	50	Northern ID, northwestern MT	Monserud, R.A. 1985. Applying height growth and site index curves for inland Douglas-fir. Res. Pap. INT-347. Ogden, UT. 22 p.
52	PIPO	100	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
53	PSME	100	Western WA, western OR	DeMars, D.J. and F.R. Herman. 1987. Estimates of site index and height growth for Douglas-fir in high-elevation forests of the Oregon-Washington Cascade Range: curves and tables for field application. Res. Pap. PNW-378. Portland, OR. 16 p.
54	PIPO	50	Western MT	Milner, K.S. 1992. Site index and height growth curves for Ponderosa Pine, Western Larch, Lodgepole Pine, and Douglas-fir in western Montana. West. Jour. Appl. For. 7(1):9-14.
55	PSME	50	Central WA	VanderPloeg, J.L. and J.A. Moore. 1989. Comparison and development of height growth and site index curves for Douglas-fir in the inland northwest. West. Jour. Appl. For. 4(3):85-88.
56	PIPO	100	East-central AZ	Stansfield, W.F. and others. 1991. Dominant height and site index equations for ponderosa pine in East-Central Arizona. Can. Jour. For. Res. 21:606-611
57	PSME	100	AZ, NM, southwest CO	Edminster, C.B. and others. 1991. A method for constructing site index curves from height-age measurements applied to Douglas-fir in the southwest. Res. Note RM-510. Fort Collins, CO. 6 p.
58	PSME	50	Western MT	Milner, K.S. 1992. Site index and height growth curves for Ponderosa Pine, Western Larch, Lodgepole Pine, and Douglas-fir in western Montana. West. Jour. Appl. For. 7(1):9-14.
59	PSME	50	Interior BC	Thrower, J.S. and J.W. Goudie. 1992. Estimating dominant height and site index of even-aged Interior Douglas-fir in British Columbia. West. Jour. Appl. For. 7(1):20-25.
60	PSME	100	East-central AZ	Stansfield, W.F. and others. 1992. Dominant height and site index equations for Douglas-fir and Engelmann spruce in East-Central Arizona. West. Jour. Appl. For. 7(2):40-44.
61	PSME	50	North coast CA	Wensel, L.C. and B. Krumland. 1986. A site index system for redwood and Douglas-fir in California's north coast forest. Hilgardia 54(8):1-14.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
62	PITA	50	Region 8	Schumacher and Coile Growth and Yield of Natural Stands of Southern Pines, 1962
63	PITA	50	Region 8	USDA Forest Service Volume, Yield and Stand Tables for Second-Growth Southern Pines Miscellaneous Publication No. 50, 1929
64	PIPA2	50	Region 8	Schumacher and Coile Growth and Yield of Natural Stands of Southern Pines, 1960
65	PIEL	50	Region 8	Schumacher and Coile Growth and Yield of Natural Stands of Southern Pines, 1960
66	PIEC2	50	Region 8	Schumacher and Coile Growth and Yield of Natural Stands of Southern Pines, 1960
67	PIEC2	50	Region 8	USDA Forest Service Volume, Yield and Stand Tables for Second-Growth Southern Pines Miscellaneous Publication No. 50, 1929
68	PISE	50	Region 8	Schumacher and Coile Growth and Yield of Natural Stands of Southern Pines, 1960
69	PICL	50	Region 8	Schumacher and Coile Growth and Yield of Natural Stands of Southern Pines, 1960
70	QUER	50	Region 8	Schnur, Luther G. Yield Stand, and Volume Tables for Even-aged Upland Oak Forests USDA Technical bulletin No. 560, 1937
71	LITU	50	Region 8	Beck, D.E. Yellow Poplar Site Index Curves USDA Forest Service SEFES Research Note 180, 1962
72	PIRI	50	Region 8	USDA Forest Service Volume, Yield and Stand Tables for Second-Growth Southern Pines Miscellaneous Publication No. 50, 1929
73	PIST	50	Region 8	Doolittle, Warren T. and Vimmerstedt, John P. Site Index Curves for Natural Stands of White Pine in the Southern Appalachians Research Notes Number 141, Southeastern Forest experiment Station, 1960
74	PIVI2	50	Region 8	North Carolina Agricultural Experiment Station Technical Bulletin No. 100
75	ACSA3	50	Region 8	Scribner Empirical Data-Sugar Maple
76	LIST2	50	AR, LA, AL, MS, SC	Winters, R.K., and George Osborne. 1935. Growth and yield of second growth red gum on fully stocked stands on alluvial lands in the south. USDA Occ. Pap. SO-54. 34 p.
77	QUPA5	50	Region 8	Broadfoot 1961 Empirical Data-Cherry bark oak
78	QUMI	50	Region 8	Broadfoot 1963-Water Oak
79	LALA	50	Minnesota	Gevorkiantz, S.R. 1957d Site index curves for tamarack in the Lake States. Tech. Note 498. St. Paul, MN: U.S. Department of Agriculture. Forest Service, Lake States Forest Experiment Station. 2 p.
80	PIAB	25	Southern Ontario	Gordon, A.M.; Williams, P.A.; Taylor, E.P. 1989. Site Index curves for Norway spruce in southern Ontario. Northern Journal of applied Forestry. (In press).

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
81	PIGL	50	Minnesota	Carmean, Willard H.; Hahn, Jerold T. 1981. Revised site index curves for balsam fir and white spruce in the Lake States. Res. Note NC-269. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 4 p.
82	PIRE	50	Eastern Ontario	Stiell, W.M.; Berry, A.B. 1973b. Yield of unthinned red pine plantations at the Petawawa Forest Experiment Station. Pub. 1320. Ottawa, ON: Canada Department of Environment, Canadian Forestry Service. 16 p.
83	PIST	30	Vermont	Hannah, Peter R. 1971 Soil-site relationships for white, Scotch, and red pine plantations in Vermont. Stn. Bull. 667. Burlington, VT: University of Vermont Agricultural Experiment Station. 27 p.
84	TSCA	50	New York, Michigan, and Southern Appalachian Mountains	Frothingham, E.H. 1915a. The eastern hemlock. Dull. 152. Washington DC: U.S. Department of Agriculture, Forest Service. 43 p.
85	ACRU	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
86	ACSA3	50	Vermont Green Mountains	Cutis, Robert O.; Post, W. Boyd. 1962. Site-index curves of even-aged northern hardwoods in the Green Mountains of Vermont. Bull. 629. Burlington, VT: Vermont Agricultural Experiment Station. 11p.
87	BEAL2	50	Vermont Green Mountains	Cutis, Robert O.; Post, W. Boyd. 1962. Site-index curves of even-aged northern hardwoods in the Green Mountains of Vermont. Bull. 629. Burlington, VT: Vermont Agricultural Experiment Station. 11 p.
88	CAOV2	50	Central States, Cumberland Mountains of Kentucky	Boisen, Anton T.; Newlin, J.A. 1910 The commercial hickories. Bull. 80. Washington, DC: U.S. Department of Agriculture, Forest Service. 64 p.
89	FAGUS	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
90	FRAM2	50	Vermont Green Mountains	Cutis, Robert O.; Post, W. Boyd. 1962. Site-index curves of even-aged northern hardwoods in the Green Mountains of Vermont. Bull. 629. Burlington, VT: Vermont Agricultural Experiment Station. 11 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
91	FRNI	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
92	FRPE	50	Mississippi Valley alluvium-Louisiana, Mississippi, Arkansas, Tennessee	Broadfoot, W.M. 1969 Problems in relating soil to site index for southern hardwoods. Forest Science. 15:354-364.
93	LITU	50	West Virginia Appalachians	Schlaegal, Bryce E.; Kulow, D.L.; Baughman, R.N. 1969. Empirical yield tables for West Virginia yellow-poplar. Bull. 574T. Morgantown, WV: West Virginia University Agricultural Experiment Station. 24 p.
94	PODE3	25	Southern Illinois bottomlands and a few uplands	Neebe, David J.; Boyce, Stephen G. 1959. Site Index curves for eastern cottonwood. Res. Bull. 824. Columbia, OH: U.S. Department of Agriculture, Forest Service, Central States Forest Experiment Station. 2 p.
95	POGR4	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
96	POTR5	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
97	PRSE2	50	NW Pennsylvania Allegheny Plateau	Auchmoody, L.R.; Rexrode, C.O. 1984. Black cherry site index curves for the Allegheny Plateau. Res. Pap. NE-549. Broomall, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. 5 p.
98	QUAL	50	Michigan south to Georgia, Missouri east to Pennsylvania and Maryland	Schnur, G.L. 1937. Yield, stand and volume tables for even-aged upland oak forests. Tech. Bull. 560. Washington, DC: U.S. Department of Agriculture. 88 p.
99	QUCO2	50	Michigan south to Georgia, Missouri east to Pennsylvania and Maryland	Schnur, G.L. 1937. Yield, stand and volume tables for even-aged upland oak forests. Tech. Bull. 560. Washington, DC: U.S. Department of Agriculture. 88 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
100	QUPR2	50	Michigan south to Georgia, Missouri east to Pennsylvania and Maryland	Schnur, G.L. 1937. Yield, stand and volume tables for even-aged upland oak forests. Tech. Bull. 560. Washington, DC: U.S. Department of Agriculture. 88 p.
101	QURU	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
102	QUVE	50	Michigan south to Georgia, Missouri east to Pennsylvania and Maryland	Schnur, G.L. 1937. Yield, stand and volume tables for even-aged upland oak forests. Tech. Bull. 560. Washington, DC: U.S. Department of Agriculture. 88 p.
103	ROPS	50	Central States	Kellogg 1939a. Site index curves for plantation black locust, Central States region. Stn. Note 35. Columbus. OH: Department of Agriculture. Forest Service, Central States Forest Experiment Station. 3 p.
104	TIAM	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
105	ULAM	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16p.
106	PIPO	50	Northern Arizona	Minor, Charles O. 1964. Site-index curves for young-growth ponderosa pine in Northern Arizona. Res. Note RM-37. 8 p.
107	ABBA	50	Lake States	Gevorkiantz, S.R. 1956b. Site index curves for balsam fir in the Lake States. Tech. Note 465. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Station. 2 p.
108	ABBA	50	Lake States	Carmean, Willard H.; Hahn, Jerold T. 1981. Revised site index curves for balsam fir and white spruce in the Lake States. Res. Note NC-269. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Station. 4 p.
109	ABBA	50	Northern Maine (Aroostock and Piscataquis Counties)	Griffin, Ralph H.; Johnson, James E. 1980. Polymorphic site index curves for spruce and balsam fir growing in even-aged stands in northern Maine. Stn. Bull. 765. Orono, ME: University of Maine Life Sciences and Agriculture Experiment Station. 22 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
110	ACSA3	50	Vermont Green Mountains	Solomon, Dale S. 1968. Applying site-index curves to northern hardwoods in New Hampshire. Res. Note NE-79. Upper Darby, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. 5 p.
111	ACSA3	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978. Site index curves for northern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
112	ACSA2	50	Southeastern Iowa	Brendemeuhl, R.H.; McComb, A.L.; Thompson, G.W. 1961b. Stand yield and growth of silver maple in Iowa. F-159 Ames, IA: Iowa State University Extension Service. 17 p.
113	BEAL2	50	Vermont Green Mountains	Solomon, Dale S. 1968. Applying site-index curves to northern hardwoods in New Hampshire. Res. Note NE-79. Upper Darby, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. 5 p.
114	BEAL2	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978. Site index curves for northern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
115	BEPA	50	Northern Wisconsin and Upper Michigan	Cooley, John H. Site index curves for paper birch in northern Wisconsin. Tech. Note 541. St. Paul MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Station. 2 p.
116	BEPA	50	Vermont Green Mountains	Solomon, Dale S. 1968. Applying site-index curves to northern hardwoods in New Hampshire. Res. Note NE-79. Upper Darby, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. 5 p.
117	BEPA	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978. Site index curves for northern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
118	CARYA	50	Central States, Cumberland Mountains of Kentucky	Boisen, A.T. and Newlin, J.A. 1910. The commercial hickories. Bull. 80. Washington, D.C., USDA FS. 64 p.; and, Hampf, F.E. 1965. Site index curves for some forest species in the eastern United States. Upper Darby, PA, USDA FS, Eastern Region. 43 p. In: Carmean, W.H., et al., 1989, 25.p.
119	CHTH2	50	Florida to Massachusetts	Korstian, C.F.; Brush, W.D. 1931. Southern white cedar. Tech. Bull. 251. Washington, DC: U.S. Department of Agriculture, Forest Service. 75 p.

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Reference	Species	Base Age	Locality	Reference-Author
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121	FRAM2	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978. Site index curves for nothern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
122	JUNI	50	Shallow flood plains in Southern Illinois	Losche, Craig K; Schlesinger, Richard C. 1975. Predicting site index in young black walnut plantations. Res. Note NC-187. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 4 p.
123	JUNI	50	Deep flood plains in Southern Illinois	Losche, Craig K; Schlesinger, Richard C. 1975. Predicting site index in young black walnut plantations. Res. Note NC-187. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 4 p.
124	JUNI	50	Central states	Kellog, L.F. 1939b. Site index curves for plantation black walnut, Central states region. Stn. Note 35. Columbus, OH: U.S. Department of Agriculture, Forest Service, Central States Experiment Station. 3 p.
125	JUVI	50	Tennessee Valley	Hampf, F.E. 1965. Site index curves for some forest species in the eastern United States. Upper Darby, PA, USDA FS, Eastern Region. 43 p. In: Carmean, W.H., Hahn, J.T. and Jacobs, R.D., 1989. Site index curves for forest tree species in the estern United States. USDA FS, NCFES, Gen. Tech. Rpt. 128, p. 73.
126	LADE2	50	New York and southern New England	Aird, P.L.; Stone, E.L. 1955. Soil characteristics and the growth of European and Japanese larch. Journal of Forestry. 53:425-429. AND Stone, Earl L., Jr. 1957. British yield tables for European and Japanese larches in New York. Agron. Pap. 397. Ithaca, NY: Cornell Universtiy. 4 p.
127	LAKA2	50	Southern portion of upper New York	Aird, P.L.; Stone, E.L. 1955. Soil characteristics and the growth of European and Japanese larch. Journal of Forestry. 53:425-429. AND Stone, Earl L., Jr. 1957. British yield tables for European and Japanese larches in New York. Agron. Pap. 397. Ithaca, NY: Cornell Universtiy. 4 p.
128	LIST2	50	Maryland	Trenk, Fred B. 1929. Sweetgum in Maryland. Baltimore, MD: University of Maryland, State Department of Forestry. 75 p.

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Reference	Species	Base Age	Locality	Reference-Author
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130	LIST2	50	Mississippi Valley alluvium - Louisiana, Mississippi, Arkansas, and Tennessee	Broadfoot, W.M.; Kinard, R.M. 1959. Guide for evaluating sweet-gum site. Occas Pap. 176. New Orleans LA: Department of Agriculture, Forest Service, Southern Forest Experiment Station. 8 p.
131	LIST2	50	Alabama	Lyle, E.S., Jr.; Patterson, R.M.; Hicks, D.R.; Bradley, E.L. 1975. Polymorphic site index curves for natural sweetgum in Alabama. Circ 220. Auburn, AL: Auburn University Agricultural Experiment Station. 7 p.
132	LITU	25	Piedmont of Carolinas and Virginia	Beck, Donald E. 1962. Yellow-poplar site index curves. Res. Note 180. Ashville, NC: Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p.
133	LITU	50	Southern Appalachians of western North Carolina and northern Georgia	Beck, Donald E. 1962. Yellow-poplar site index curves. Res. Note 180. Ashville, NC: Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p.
134	NYAQ2	50	Lower coastal plain of southeastern Georgia	Applequist, M.B. 1959. Soil-site studies of southern hardwoods. In: Southern forest soils 8th annual forestry symposium; Baton Rouge, LA: Louisiana State University Press: 49-63.
135	NYSYB	50	Lower coastal plain of southeastern Georgia	Applequist, M.B. 1959. Soil-site studies of southern hardwoods. In: Southern forest soils 8th annual forestry symposium; Baton Rouge, LA: Louisiana State University Press: 49-63.
136	PIAB	50	Wisconsin	Wilde, S.A.; Iyer, J.G.; Tanser, Christian; Trautmann, W.L.; Watterson, K.G. 1965. Growth of Wisconsin coniferous plantations in relation to soils. Res. Bull. 262. Madison, WI: University of Wisconsin. 81 p.
137	PIAB	50	Vermont	Hannah, Peter R. 1972. Soil-site relationships for Norway spruce plantations in Vermont. Stn. Bull. 673. Burlington, VT: University of Vermont Agricultural Experiment Station. 8 p.
138	PIBA2	50	Lake States	Gevorkiantz, S.R. 1956c. Site index curves for jack pine in the Lake States. Tech. Note 463. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Sta. 2 p.

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Reference	Species	Base Age	Locality	Reference-Author
139	PIBA2	50	North central Ontario	Lenthall, Daniel D. 1986. Height growth and site index curves for jack pine (<i>Pinus banksiana</i> Lamb.) in the Thunder Bay area-a system of site quality evaluation. Thunder Bay, ON: Lakehead University, School of Forestry. M.Sc. For. Thesis. 96p. AND Carmean, Willard H.; Lenthall, Daniel J. 1989. Height growth and site index curves for jack pine in north central Ontario. Canadian Journal of Forest Research 19: (In press).
140	PIBA2	50	Wisconsin	Wilde, S.A.; Iyer, J.G.; Tanser, Christian; Trautmann, W.L.; Watterson, K.G. 1965. Growth of Wisconsin coniferous plantations in relation to soils. Res. Bull. 262. Madison, WI: University of Wisconsin. 81 p.
141	PICL	50	Florida-Ocala National Forest	Schumacher, F.X; Coile, T.S. 1960. Growth and yield of natural stands of the southern pines. Durham, NC: T.S. Coile, Inc. 115 p.
142	PIEC2	25	Southern Illinois	Gilmore, A.R.; Metcalf G.E. 1961b. Site quality curves for plantation-grown shortleaf pine in southern Illinois. For. Note 95. Urbana, IL: University of Illinois Agricultural Experiment Station. 2 p.
143	PIEC2	25	Central Tennessee, Northern Alabama, and Northwest Georgia	Smalley, Gordon W.; Brower, David R. 1971. Site index curves for loblolly and shortleaf pine plantations on abandoned fields in Tennessee, Alabama, and Georgia highlands. Res. Note SO-126. New Orleans, LA: .S. Department of Agriculture, Forest Service, Southern Forest Experiment Sta. 6 p.
144	PIEC2	50	Ouachita Mountains of west-central Arkansas and southeastern Oklahoma	Graney, David L.; Burkhart, Harold E. 1973. Polymorphic site index curves for shortleaf pine in the Ouachita Mountains. Res. Pap. SO-85. New Orleans, LA: .S. Department of Agriculture, Forest Service, Southern Forest Experiment Sta. 14 p.
145	PIEC2	50	Southeastern Missouri	Nash, Andrew J. 1963. A method of classifying shortleaf pine sites in Missouri. Res. Bull. 824. Columbia, MO: Missouri Agricultural Experiment Station. 53 p.
146	PIEC2	50	North Carolina Piedmont	Schumacher, F.X; Coile, T.S. 1960. Growth and yield of natural stands of the southern pines. Durham, NC: T.S. Coile, Inc. 115 p.
147	PIEC2	50	Southern States	U.S. Department of Agriculture. 1929. Volume, yield, and stand tables for second-growth southern pines. Misc. Pub. 50. Washington, DC: U.S. Department of Agriculture. 202p. (rev. 1976)
148	PIEL	25	Lousiana	Lohrey, Richard E. 1987. Site index curves for direct-seeded slash pines in Lousiana. Southern Journal of Applied Forestry. 11:15-17.
149	PIEL	25	West Gulf	Zarnoch, S.J.; Feduccia, D.P. 1984. Slash pine plantation site index curves for the West Gulf. Southern Journal of Applied Forestry. 8:223-225.

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150	PIEL	25	Georgia middle coastal plain and Carolina sandhills	Bennett, Frank A.; McGee, C.E.; Clutter, J.L. 1959. Yield of old-field slash pine plantations. Stn. Pap. 107. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 19 p. AND McGee, C.E.; Bennett, F.A. 1959. Site index curves for old-field slash pine plantations. Res. Note 127. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p.
151	PIEL	50	Florida	Barnes, Robert L. 1955. Growth and yield of slash pine plantations in Florida. Res. Rep. 3. Gainesville, FL: University of Florida, School of Forestry. 5 p.
152	PIEL	50	Florida and southern Georgia	Bennett, Frank A. 1970. Variable-density yield tables for managed stands of natural slash pine. Res. Note SE-141. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 7 p.
153	PIEL	25	Florida	Langdon, O. Gordon. 1959. Site index curves for south Florida slash pine. Res. Note 133. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p.
154	PIEL	50	Southern States	U.S. Department of Agriculture. 1929. Volume, yield, and stand tables for second-growth southern pines. Misc. Pub. 50. Washington, DC: U.S. Department of Agriculture. 202 p. (rev. 1976)
155	PIEL	50	Southeastern and southern States	Schumacher, F.X; Coile, T.S. 1960. Growth and yield of natural stands of the southern pines. Durham, NC: T.S. Coile, Inc. 115p. AND Coile, T.S.; Schumacher, F.X. 1964. Soil-site relations, stand structure, and yields of slash and loblolly pine plantations in the southern United States. Durham, NC: T.S. Coile, Inc. 296 p.
156	PIGL	50	Minnesota	Gevorkiantz, S.R. 1957g. Site index curves for white spruce in the Lake States. Tech. Note 474. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Sta. 2 p.
157	PIGL	50	Ontario-Petawawa	Stiel, W.M.; Berry, A.B. 1073a. Development of unthinned white spruce plantations to age 50 at Petawawa Forest experiment Station. Pub. 1317. Ottawa, ON: Canadian Department of Environment, Canadian Forestry Service. 18 p.
158	PIGL	50	North central Ontario	Thrower, James S. 1986b. Estimating site quality from early height growth in white spruce and red pine plantations in the Thunder Bay area. Thunder Bay, ON: Lakehead University, School of Forestry. M.SC.For. thesis. 143 p.
159	PIMA	50	Northeastern Minnesota-Superior National Forest	Gevorkiantz, S.R. 1957a. Site index curves for black spruce in the Lake States. Tech. Note 473. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Sta. 2 p.
160	PIMA	50	Ontario Clay Belt	Payandeh, Bijan. 1978. A site index formula for peatland black spruce in Ontario. Forestry Chronicle. 54:39-41.

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Reference	Species	Base Age	Locality	Reference-Author
161	PIMA	50	North central Ontario, mineral soils	Thrower, James S. 1968a. Black spruce height growth curves for the Thunder Bay area. Thunder Bay, ON: Lakehead University, School of Forestry. 6 p. (Unpublished report)
162	PIPA2	50	Coastal plain of NW Florida, SW Georgia, South and Central Alabama, and South Mississippi	Farrar, Robert M., Jr. 1981. A site index function for naturally regenerated longleaf pine in the East Gulf area. Southern Journal of Applied Forestry. 5:150-153.
163	PIPA2	50	Southern States	U.S. Department of Agriculture. 1929. Volume, yield, and stand tables for second-growth southern pines. Misc. Pub. 50. Washington, DC: U.S. Department of Agriculture. (rev. 1976)
164	PIPA2	50	Atlantic Coastal Plain	Schumacher, F.X; Coile, T.S. 1960. Growth and yield of natural stands of the southern pines. Durham, NC: T.S. Coile, Inc. 115 p.
165	PIRE	50	North Central Ontario	Thrower, James S. 1986b. Estimating site quality from early height growth in white spruce and red pine plantations in the Thunder Bay area. Thunder Bay, ON: Lakehead University, School of Forestry. M.SC.For. thesis. 143 p.
166	PIRE	50	Illinois	Gilmore, A.R. 1967. Site index curves for plantation-grown red pine in Illinois. For. Note 121. Urbana, IL: University of Illinois Agricultural Experiment Station. 2 p.
167	PIRE	50	Wisconsin	Wilde, S.A.; Iyer, J.G.; Tanser, Christian; Trautmann, W.L.; Watterson, K.G. 1965. Growth of Wisconsin coniferous plantations in relation to soils. Res. Bull. 262. Madison, WI: University of Wisconsin. 81 p.
168	PIRE	50	Vermont	Hannah, Peter R. 1971. Soil-site relationships of white, Scotch, and red pine plantations in Vermont. Stn. Bull. 667. Burlington, VT: University of Vermont Agricultural Experiment Station. 27 p.
169	PIRE	50	New York	Richards, N.A.; Morrow, R.R.; Stone, E.L. 1962. Influence of soil and site on red pine plantations in New York. I. Stand development and site index curves. Bull. 977. Ithaca, NY: Cornell University Agricultural Experiment Station. 24 p.
170	PIRE	50	Minnesota	Gevorkiantz, S.R. 1957c. Site index curves for red pine in the Lake States. Tech. Note 484. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Sta. 2 p.
171	PIRU	50	Maine, New Hampshire, and Vermont	Meyer, Walter H. 1929. Yields of second-growth spruce and fir in the northeast. Tech. Bull. 142. Washington, DC: U.S. Department of Agriculture, Forest Service. 52 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
172	PISE	50	Coastal Plain of North Carolina, South Carolina, and Georgia	Schumacher, F.X; Coile, T.S. 1960. Growth and yield of natural stands of the southern pines. Durham, NC: T.S. Coile, Inc. 115 p.
173	PIST	25	Southern Appalachian Mountains of North Carolina, Tennessee, and Georgia	Vimmerstedt, John P. 1959. Site index curves for southern Appalachian white pine plantations. Res. Note 131. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p. AND Vimmerstedt, John P. 1962. Southern Appalachian white pine plantations, site, volume, and yield. Stn. Pap. 149. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 13 p.
174	PIST	25	Illinois	Gilmore, A.R. 1968. Site index curves for plantation-grown white pine in Illinois. For. Note 123. Urbana, IL: University of Illinois Agricultural Experiment Station. 2 p.
175	PIST	50	Appalachian Mountains of Virginia, Tennessee, North Carolina, and Georgia	Beck, Donald E. 1971a. Height-growth patterns and site index of eastern white pine in the southern Appalachians. Forest Science. 17:252-260. AND Beck, Donald E. 1971b. Polymorphic site index curves for white pine in the southern Appalachians. Res. Pap. SE-80. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 8 p.
176	PIST	50	Northern Wisconsin	Gevorkiantz, S.R. 1957f. Site index curves for white pine in the Lake States. Tech. Note 483. St. Paul, MN: USDA FS, Lake States Forest Experiment Sta. 2 p.
177	PISY	50	Vermont	Hannah, Peter R. 1971 Soil-site relationships for white, Scotch, and red pine plantations in Vermont. Stn. Bull. 667. Burlington, VT: University of Vermont Agricultural Experiment Station. 27 p.
178	PITA	50	Southern Illinois	Gilmore, A.R.; Metcalf, G.E. 1961a. Site quality curves for plantation-grown loblolly pine in southern Illinois. For. Note 97. Urbana, IL: University of Illinois Agricultural Experiment Station. 2 p.
179	PITA	25	Lower West Gulf Coastal Plain of eastern Texas, Louisiana, Arkansas, and Alabama	Popham, T.W.; Feduccia, D.P.; Dell, T.R.; Mann, W.F., Jr.; Campbell, T.E. 1979. Site index for loblolly plantations on cutover sites in the West Gulf Coastal Plain. Res. Note SO-250. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Sta. 7 p.
180	PITA	25	Interior west Gulf Coastal Plain of Texas, Louisiana, and Arkansas	Lenhart, J. David. 1971. Site index curves for old field loblolly pine plantations in the interior West Gulf Coastal Plains. For. Pap. 8. Nacogdoches, TX: Stephen F. Austin State University, School of Forestry. 4 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
181	PITA	25	Central Tennessee, Northern Alabama, and Northwest Georgia	Smalley, Gordon W.; Brower, David R. 1971. Site index curves for loblolly and shortleaf pine plantations on abandoned fields in Tennessee, Alabama, and Georgia highlands. Res. Note SO-126. New Orleans, LA: .S. Department of Agriculture, Forest Service, Southern Forest Experiment Sta. 6 p.
182	PITA	25	Coastal Plain of North and South Carolina-very poorly drained soils in pocosins	Pienarr, L.B.; Shiver, B.D. 1980. Dominant height growth and site index curves for loblolly pine plantations in the Carolina flatwoods. Southern Journal of Applied Forestry. 4:54-59.
183	PITA	25	Coastal Plain of North and South Carolina-all except very poorly drained soils	Pienarr, L.B.; Shiver, B.D. 1980. Dominant height growth and site index curves for loblolly pine plantations in the Carolina flatwoods. Southern Journal of Applied Forestry. 4:54-59.
184	PITA	25	Coastal Plain throughout most of natural range	Amateis, Ralph L.; Burkhart, Harold E. 1985. Site index curves for loblolly pine plantations on cutover site-prepared soils. Southern Journal of applied Forestry. 9:166-169.
185	PITA	25	Piedmont throughout most of natural range	Amateis, Ralph L.; Burkhart, Harold E. 1985. Site index curves for loblolly pine plantations on cutover site-prepared soils. Southern Journal of applied Forestry. 9:166-169.
186	PITA	50	Georgia piedmont	Cluter, Jerome L.; Lenhart, J. David. 1968. Site index curves for old-field loblolly pine plantations in the Georgia Piedmont. Rep. 22, Ser. 1. Macon, GA: Georgia Forestry Research Council. 4 p.
187	PITA	50	South Carolina Piedmont	Shipman, R.D. 1960. Sitequality of loblolly pine plantations in the South Carolina Piedmont. For. Res. Ser. 1. Clemson, SC: South Carolina Agricultural Experiment Station. 2p., mimeo.
188	PITA	50	North Louisiana and southern Arkansas	Zahner, Robert. 1962. Loblolly pine site curves by soil groups. Forest Science. 8:104-110.
189	PITA	25	Coastal Plain of Virginia, North Carolina, and South Carolina	Trousdell, Kenneth B.; Beck, Donald E.; Lloyd, F. Thomas. 1974. Site index for loblolly pine in the Atlantic Coastal Plain of the Carolinas and Virginia. Res. Pap. SE-115. Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 11 p.
190	PITA	50	Coastal Plain from Chesapeake Bay, Maryland to Mobile Bay, Alabama	Schumacher, F.X; Coile, T.S. 1960. Growth and yield of natural stands of the southern pines. Durham, NC: T.S. Coile, Inc. 115p. AND Coile, T.S.; Schumacher, F.X. 1964. Soil-site relations, stand structure, and yields of slash and loblolly pine plantations in the southern United States. Durham, NC: T.S. Coile, Inc. 296 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
191	PITA	50	Southern States	U.S. Department of Agriculture. 1929. Volume, yield, and stand tables for second-growth southern pines. Misc. Pub. 50. Washington, DC: U.S. Department of Agriculture. 202 p. (rev. 1976)
192	PIVI2	50	West Virginia, Maryland, and Pennsylvania	Kulow, D.L.; Sowers, D.W.; Heesch, H.H. 1966. Site index curves for Virginia pine in West Virginia. Stn. Bull. 536T. Morgantown, WV: West Virginia University, Agricultural Experiment Station. 11 p.
193	PIVI2	50	Piedmont of Maryland, Virginia, and the Carolinas	Chaiken, L.E.; Nelson, Thomas C. 1959. Site index curves for piedmont Virginia pines. Res. Note 135. Asheville, NC: Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p. AND Nelson, T.C.; Clutter, J.L.; Chaiken, L.E. 1961. Yield of Virginia pine. Stn. Pap. 124. Asheville, NC: Asheville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 10 p.
194	PIVI2	50	Piedmont of Durham County, North Carolina	Slocum, G.K.; Miller, W.D. 1952. Virginia pine, reproduction, growth and management on the Hill Demonstration Forest, Durham County, NC. Tech. Bull. 100. Raleigh, NC: North Carolina Agricultural Experiment Station. 62 p.
195	PODE3	50	Mississippi Valley alluvium - Louisiana, Mississippi, Arkansas, Tennessee, Missouri, and Kentucky	Broadfoot, W.M. 1960. Field guide for evaluating cottonwood sites. Occas Pap. 178. New Orleans LA: Department of Agriculture, Forest Service, Southern Forest Experiment Station. 6 p.
196	PODE3	50	Iowa bottomlands	Brendemuehl, R.H. 1965. Stand, yield and growth of cottonwood in Iowa. Ames, IA: Iowa State University, Department of Forestry. 5 p., mimeo.
197	POTR5	50	Lake States	Gevorkiantz, S.R. 1956a. Site index curves for aspen in the Lake States. Tech. Note 464. St Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Station. 2 p.
198	POTR5	50	North Central Ontario	Deschamps, Kerry C. 1989. Polymorphic site index curves for trembling aspen in north central Ontario. Thunder Bay, ON: Lakehead University, School of Forestry, M.Sc.F. thesis (in prep.)
199	POGR4	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978. Site index curves for northern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.

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Reference	Species	Base Age	Locality	Reference-Author
200	PRSE2	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978. Site index curves for nothern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
201	QUAL	50	Virginia-Carolina Piedmont and northern Appalachian Mountains	Olson, David F., Jr. 1959. Site index curves for upland oak in the southeast. Res Note 125. Ashville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p.
202	QUAL	50	Missouri Ozarks - Clark and Mark Twain National Forests	McQuilken, R.A. 1974. Site index prediction table for black, scarlet, and white oaks in southeastern Missouri. Res. Pap. NC-108, St. Paul, MN. USDA FS, NCFES. 8 p.
203	QUAL	50	Boston Mountain of Arkansas	Graney, David L.; Bower, David R. 1971. Site index curves for red and white oaks in the Boston Mountain of Arkansas. Res. Note SO-121. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 4 p.
204	QUAL	50	Unglaciaded uplands of SE Ohio, eastern Kentucky, S Indiana, S Illinois, and S Missouri	Carmean, Willard H. 1971. Site index curves for black, white, scarlet, and chestnut oaks in the Central States. Res. Pap. NC-62. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 8 p. and Carmean, Willard H. 1972. Site index curves for upland oaks in the Central States. Forest Science. 18: 109-120.
205	QUCO2	50	Virginia-Carolina Piedmont and northern Appalachian Mountains	Olson, David F., Jr. 1959. Site index curves for upland oak in the southeast. Res Note 125. Ashville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p.
206	QUCO2	50	Missouri Ozarks - Clark and Mark Twain National Forests	McQuilken, R.A. 1974. Site index prediction table for black, scarlet, and white oaks in southeastern Missouri. Res. Pap. NC-108, St. Paul, MN. USDA FS, NCFES. 8 p.
207	QUCO2	50	Unglaciaded uplands of SE Ohio, eastern Kentucky, S Indiana, S Illinois, and S Missouri	Carmean, Willard H. 1971. Site index curves for black, white, scarlet, and chestnut oaks in the Central States. Res. Pap. NC-62. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 8 p. and Carmean, Willard H. 1972. Site index curves for upland oaks in the Central States. Forest Science. 18: 109-120.
208	QUFA	50	Michigan south to Georgia, Missouri east to Pennsylvania and Maryland	Schnur, G.L. 1937. Yield, stand, and volume tables for even-aged upland oak forests. Tech Bull. 560. Washington, DC: U.S. Department of Agriculture. 88 p.

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Reference	Species	Base Age	Locality	Reference-Author
209	QUFA	50	Virginia-Carolina Piedmont and northern Appalachian Mountains	Olson, David F., Jr. 1959. Site index curves for upland oak in the southeast. Res Note 125. Ashville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p.
210	QUNI	50	Mississippi Valley alluvium-Louisiana, Arkansas, Tennessee	Broadfoot, W.M. 1963. Guide for evaluating water oak sites. Occas. Pap SO-1. Nre Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 8 p.
211	QUPA5	50	Mississippi Valley alluvium-Louisiana, Arkansas, Tennessee	Broadfoot, W.M. 1961. Guide for evaluating cherrybark oak sites. Occas. Pap 1. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 9 p.
212	QUPR2	50	Virginia-Carolina Piedmont and northern Appalachian Mountains	Olson, David F., Jr. 1959. Site index curves for upland oak in the southeast. Res Note 125. Ashville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p.
213	QUPR2	50	Unglaciaded uplands of SE Ohio, E Kentucky, S Indiana	Carmean, Willard H. 1971. Site index curves for black, white, scarlet, and chestnut oaks in the Central States. Res. Pap. NC-62. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 8 p. and Carmean, Willard H. 1972. Site index curves for upland oaks in the Central States. Forest Science. 18: 109-120.
214	QURU	50	Virginia-Carolina Piedmont and northern Appalachian Mountains	Olson, David F., Jr. 1959. Site index curves for upland oak in the southeast. Res Note 125. Ashville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p.
215	QURU	50	Boston Mountain of Arkansas	Graney, David L.; Bower, David R. 1971. Site index curves for red and white oaks in the Boston Mountain of Arkansas. Res. Note SO-121. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Station. 2 p.
216	QURU	50	Southwestern Wisconsin	Gevorkiantz, S.R. 1947b. Site index curves for red oak in the Lake States. Tech. Note 485. St. Paul MN: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 4 p.
217	QUVE	50	Virginia-Carolina Piedmont and northern Appalachian Mountains	Olson, David F., Jr. 1959. Site index curves for upland oak in the southeast. Res Note 125. Ashville, NC: U.S. Department of Agriculture, Forest Service, Southeastern Forest Experiment Station. 2 p.

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Reference	Species	Base Age	Locality	Reference-Author
218	QUVE	50	Boston Mountain of Arkansas	Graney, David L.; Bower, David R. 1971. Site index curves for red and white oaks in the Boston Mountain of Arkansas. Res. Note SO-121. New Orleans, LA: U.S. Department of Agriculture, Forest Service, Southern Forest Experiment Station. 4 p.
219	QUVE	50	Missouri Ozarks - Clark and Mark Twain National Forests	McQuilken, R.A. 1974. Site index prediction table for black, scarlet, and white oaks in southeastern Missouri. Res. Pap. NC-108, St. Paul, MN. USDA FS, NCFES. 8 p.
220	QUVE	50	Unglaciaded uplands of SE Ohio, E Kentucky, S Indiana, S Illinois, and S Missouri	Carmean, Willard H. 1971. Site index curves for black, white, scarlet, and chestnut oaks in the Central States. Res. Pap. NC-62. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 8 p. and Carmean, Willard H. 1972. Site index curves for upland oaks in the Central States. Forest Science. 18: 109-120.
221	THOC2	50	Lake States	Gevorkiantz, S.R. 1957e. Site index curves for whitecedar in the Lake States. Tech. Note 472. St Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Station. 2 p.
222	ULAM	50	Southern Iowa	Brendemuehl, R.H.; McComb, A.L.; Thompson, G.W. 1961a. Stand, yield and growth of elm in Iowa. F-158. Ames, IA: Iowa State University Extension Service. 17 p.
223	ABAM	50	High elevation in the West Cascades	Hoyer, Gerald E. and F. R. Herman, 1989. Height-age and site index curves for Pacific silver fir in the Pacific Northwest. Res Pap. PNW-RP-418. Portland, OR: USDA Forest Service, PNW Res. Sta. 33 p.
224	ABAM	100	High elevation in the West Cascades	Hoyer, Gerald E. and F. R. Herman, 1989. Height-age and site index curves for Pacific silver fir in the Pacific Northwest. Res Pap. PNW-RP-418. Portland, OR: USDA Forest Service, PNW Res. Sta. 33 p.
225	ALRU2	50	Pacific Coast	Wortington, 1960. Normal Yield Tables for Red Alder. Res. Pap. PNW-36. Portland OR: USDA Forest Service
227	PICO	100	Central Oregon	Dahms, Walter G. 1964. Gross Yield of Central Oregon Lodgepole Pine. Res. Pap. PNW-8. Portland OR: USDA Forest Service, PNW 24 p.
228	PICO	100	Rocky Mountains	Brickell, J. E. 1970. Estimating Site Quality in Lodgepole Pine Stands. Res. Pap. INT-75.
229	PIM03	50	Cascades Range of Washington and Oregon, Mt. Hood and Gifford Pinchot NF	Curtis, Robert O.; Diaz, Nancy M.; Clendened, Gary W. 1990. Height growth and site index curves for western white pine in the Cascade Range of Washington and Oregon. Res. Pap. PNW-RP-423. Portland OR: USDA Forest Service, PNW 14 p.
230	PIM03	100	Cascades Range of Washington and Oregon, Mt. Hood and Gifford Pinchot NF	Curtis, Robert O.; Diaz, Nancy M.; Clendened, Gary W. 1990. Height growth and site index curves for western white pine in the Cascade Range of Washington and Oregon. Res. Pap. PNW-RP-423. Portland OR: USDA Forest Service, PNW 14 p.

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Reference	Species	Base Age	Locality	Reference-Author
231	PIPO	100	Northern Arizona	Minor, Charles O. 1964. Site Index Curves for Young-Growth Ponderosa Pine in Northern Arizona. Res. Note: RM-37. USDA Forest Service.
232	PIPO	100	Black Hills	Hann, David W. 1975. Site Index and Maximum Gross Yield Capability Equations for Ponderosa Pine in the Black Hills. Res. Note: INT-19. USDA Forest Service.
233	PSME	100	Dry sites in the Willamette NF	Means, Joseph E.; Helm, Mary E. 1985. Height growth and site index curves for Douglas-Fir on dry sites in the Willamette National Forest. Res. Pap. PNW-341. Portland OR: USDA Forest Service, PNW, 17 p.
234	PSME	50	Inland Northwest, Montana	Vander Ploeg, James L., and James A. Moore, 1989. Comparison and Development of Height Growth and Site Index Curves for Douglas Fir in the Inland Northwest. Western Journal of Applied Forestry, 4(3): 85-88.
235	PSME	50	Siuslaw NF, Oregon	Means, Joseph E. and T. E. Sabin, 1989. Height Growth and Site Index Curves for Douglas-Fir in the Siuslaw National Forest, Oregon. Western Journal of Applied Forestry, 4(4): 136-142.
236	THPL	50	British Columbia	Kurucz, J.F., 1985. Metric Site Index for Red Cedar Stands (converted to English) MacMillion Bloedel Ltd, Unpublished
237	TSHE	50	Southeast Alaska	Farr, Wilbur A. 1984. Site Index and Height Growth Curves for Unmanaged Even-Aged Stands of Western Hemlock and Sitka Spruce In Southeast Alaska. Res. Pap. PNW-326. Portland, OR: USDA Forest Service, 26 p.
238	PISI	50	Southeast Alaska	Farr, Wilbur A. 1984. Site Index and Height Growth Curves for Unmanaged Even-Aged Stands of Western Hemlock and Sitka Spruce In Southeast Alaska. Res. Pap. PNW-326. Portland, OR: USDA Forest Service, 26 pp.
239	ALRU2	20	W Washington and NW Oregon	Harrington, Constance A. and R. O. Curtis. 1985. Height growth and site index curves for red alder. Res. Pap. PNW-326. Portland OR: USDA Forest Service, 14 p.
240	POTR5	80	Central Rocky Mountains	Edminster, Carleton B; H.T. Mower, and W.D. Sheppard. 1985. Site Index Curves for Aspen in the Central Rocky Mountains. Res.Note: RM-453. USDA Forest Service
241	PIED1	100	Southern Colorado, Arizona, and New Mexico	Smith and Schuler, 1988. Yields of Southwestern Pinyon-Juniper Woodlands. Western Journal of Applied Forestry, Vol. 3, P.70-74.
242	ACRU	50	New England, New York	Foster, R.W. 1959. Forest Science, Vol. 5, No. 3. See USDA FS, R9 TM Field Book
243	FRPE	50	Vermont	Curtis, R.O. and Post, B.W. 1962. Bull. 629, Agr. Exp. Sta., U. of Vermont & State Agric. College. See USDA FS, R9 TM Field Book

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
244	FRNI	50	Vermont	Curtis, R.O. and Post, B.W. 1962. Bull. 629, Agr. Exp. Sta., U. of Vermont & State Agric. College. See USDA FS, R9 TM Field Book
245	QURU	50	Missouri	McQuilken, R.A. 1974. Site index prediction table for black, scarlet, and white oaks in southeastern Missouri. Res. Pap. NC-108, St. Paul, MN. USDA FS, NCFES. 8 p. (unpublished SI Curves are based on McQuilken, 1974.)
246	QUST	50	Missouri	USDA FS, R9 Field Book, Upland Oaks Site Index 120Curves, From: Tech. Bull. No. 560, USDA, & Res. Note #125, SEFES. Also see, McQuilken, 1974, unpublished "Site Comparison Curves, P.O./B.O., MO-1974"
247	ABBA	50	Northeast	Meyer, Walter.H. Yields of second-growth spruce and fir in the Northeast, U.S. Dept. of Agriculture Technical Bull #142 (1929)
248	PIMA	50	Lake States	Yield Table for Important Timber Species in the Lake States. Technical Note #483. Lakes States Forest Experimental Station. 1929
249	PIST	50	New England	Lancaster, Kenneth and Leak, William 1978. A Silvicultural Guide for White Pine in the Northeast.
250	THOC2	50	Lake States	Yield Table for Important Timber Species in the Lake States. Technical Note #463. Lake States Forest Experimental Station. 1929.
251	ACSA3	50	New England	Leak, William; Solomon, Dale S., DeBald, Paul S. 1986. Site Index Curves of Northern Hardwoods in the Silvicultural Guide for the Northern Hardwood Types in the Northeast (revised)
252	BEAL2	50	New England	Leak, William; Solomon, Dale S., DeBald, Paul S. 1986. Site Index Curves of Northern Hardwoods in the Silvicultural Guide for the Northern Hardwood Types in the Northeast (revised)
253	BEPA	50	Lake States	Curtis and Post. Unmanaged States, Lakes States Forest Experimental Station. Technical Note #541 (1929)
254	JUNI	50	North Central States	Schlesing, R.C. & Funk, D.T. 1977 Manager's Handbook for Black Walnut. Gen. Tech. Report NC-38, USDA, FS, NCFES. 22 p.
255	POBA2	50	Northern Wisconsin and Upper Michigan	Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Experiment Station. 16 p. Note: This reference is used for Balsam poplar since no reference exists that is directly related to this species.
256	QUMA2	50	Unglaciaded uplands of SE Ohio, eastern KY, southern IN, southern IL, and southern MI	1) Carmean, W.H. 1971. Site index curves for black, white, scarlet, and chestnut oaks in the Central states. Res. Pap. NC-62. USDA FS, NC For. Exp. Stat. 8p. 2) Carmean, W.H. 1972. Site index curves for upland oaks in the Central states. Forest Science. 18: 109-120 NOTE: This reference is used for Bur oak since no reference exists that is directly related to this species.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
257	PIEN	50	Inland Empire	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
258	POTR5	50	Inland Empire	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
259	ABSH	50	Inland Empire	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
260	CAC015	50	Central States, Cumberland Mtns of Kentucky	Boisen, A.T. and Newlin, J.A. 1910. The commercial hickories. Bull. 80. Washington, D.C., USDA FS. 64p.; and, Hampf, F.E. 1965. Site index curves for some forest species in the eastern United States. Upper Darby, PA, USDA FS, Eastern Region. 43 p. In: Carmean, W.H., et al., 1989, 25 p.
261	PIPO	50	Plain States	NCFES Unpublished Station algorithm, documentation forthcoming.
262	JUNI	50	Plain States	Geyer, W.A. and Lynch, K.D. 1987.
263	CEOC	50	Plain States	Geyer, W.A. and Lynch, K.D. 1987.
264	ABBA	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
265	PIGL	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
266	PIMA	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
267	PIRU	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
268	PIBA2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
269	PIEC2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
270	PIRE	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
271	PIST	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
272	PITA	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
273	PIVI2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
274	CHTH2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
275	ACSA3	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
276	BEAL2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
277	BEPA	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
278	FRAM2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
279	LIST2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
280	LITU	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
281	POGR4	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
282	QUAL	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
283	PIGL	50	ME, VT, NH	Meyer, Walter H. 1929. Yields of second-growth spruce and fir in the northeast. Tech. Bull. 142. Washington, DC: U.S. Department of Agriculture, Forest Service. 52 p.
284	PIRE	50	Minnesota	Eyre, F.H., and P. Zehngraft. 1948. Red pine management in Minnesota. USDA Circ. 778. 70 p.
285	PIST	50	PA, NJ, NY, New England	Frothingham, E.H. 1914. White pine under forest management. USDA Bull. 13. 70 p.
286	BEPA	50	Vermont	Curtis, R.O. and B.W. Post. 1962. Site-index curves for even-aged northern hardwoods in the Green Mountains of Vermont. Vermont Agric. Exp. Stn. Bull. 629. 16 p.
287	ABCO	50	Pacific Northwest	McArdle, R.E.; Meyer, W.H.; Bruce, D. 1961. The yield of Douglas fir in the Pacific Northwest. 2nd rev. Tech. Bull. 201. 601 p.
288	ABGR	50	Pacific Northwest	McArdle, R.E.; Meyer, W.H.; Bruce, D. 1961. The yield of Douglas fir in the Pacific Northwest. 2nd rev. Tech. Bull. 201. 601 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
289	PSME	50	Pacific Northwest	McArdle, R.E.; Meyer, W.H.; Bruce, D. 1961. The yield of Douglas fir in the Pacific Northwest. 2nd rev. Tech. Bull. 201. 601 p.
290	ABCO	100	Cascade Mountains	Curtis, R.O.; Herman, F.R.; Demars, D.J. 1974. Height growth and site index for Douglas-fir in high elevation forests of the Oregon-Washington Cascades. Forest Science. 20(4):307-316.
291	ABGR	100	Cascade Mountains	Curtis, R.O.; Herman, F.R.; Demars, D.J. 1974. Height growth and site index for Douglas-fir in high elevation forests of the Oregon-Washington Cascades. Forest Science. 20(4):307-316.
292	PSME	100	Cascade Mountains	Curtis, R.O.; Herman, F.R.; Demars, D.J. 1974. Height growth and site index for Douglas-fir in high elevation forests of the Oregon-Washington Cascades. Forest Science. 20(4):307-316.
293	ABMA	50	California	Schumacher, F.X. 1928. Yield, stand and volume tables for red fir in California. Univ. of California Experiment Station Bulletin 456. Berkeley, CA. 29 p.
294	PICO3	100	Pacific Northwest	Meyer, W.H. 1961. Yield of even-aged stands of ponderosa pine. Rev. Tech. Bull. 630. Washington, DC: U.S. Department of Agriculture. 59 p.
295	PIJE	100	Pacific Northwest	Meyer, W.H. 1961. Yield of even-aged stands of ponderosa pine. Rev. Tech. Bull. 630. Washington, DC: U.S. Department of Agriculture. 59 p.
296	PIMU	100	Pacific Northwest	Meyer, W.H. 1961. Yield of even-aged stands of ponderosa pine. Rev. Tech. Bull. 630. Washington, DC: U.S. Department of Agriculture. 59 p.
297	PIPO	100	Pacific Northwest	Meyer, W.H. 1961. Yield of even-aged stands of ponderosa pine. Rev. Tech. Bull. 630. Washington, DC: U.S. Department of Agriculture. 59 p.
298	SESE3	50	Coastal California & Oregon	Krumland, B.; Wensel, L. 1977. Height growth patterns and fifty-year base age site index curves for young growth coastal redwoods. Res. Note 4. Berkeley, CA. University of California, College of Natural Resources, Co-op Redwood Yield Research Project. 9 p.
299	THPL	50	British Columbia	Kurucz, J.F. 1987. Metric SI tables for red cedar stands. In: Mitchell, K.J.; Polsson, K.R., eds. 1987. Site index curves and tables for British Columbia coastal species. FRDA report 37. Victoria, BC: BC Ministry of Forests and Lands, Research Branch 29 p.
300	ALRU2	50	Pacific Northwest	Worthington, N.P.; Johnson, F.A.; Staebler, G.R.; Lloyd, W.J. 1960. Normal yield tables for red alder. USDA Forest Service, Research Paper PNW-36. 3 p.
301	POFR2	50	California	Bolsinger, C. 1974. Cottonwood MAI and stocking percent, California 1970-1972 inventory units. Unpublished report. 6 p. On file with USDA PNW Forestry Sciences Lab, Portland, Oregon.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
302	POBA2	50	California	Bolsinger, C. 1974. Cottonwood MAI and stocking percent, California 1970-1972 inventory units. Unpublished report. 6 p. On file with USDA PNW Forestry Sciences Lab, Portland, Oregon.
303	ABLAA	50	Central & Southern Rocky Mtns	Clendenen, Gary W. 1977. Base-age conversion and site-index equations for Engelmann spruce stands in the Central and Southern Rocky Mountains. Res Note INT-223. USDA Forest Service Intermountain Forest and Range Experiment Station 6 p.
304	ABLA	50	Central & Southern Rocky Mtns	Clendenen, Gary W. 1977. Base-age conversion and site-index equations for Engelmann spruce stands in the Central and Southern Rocky Mountains. Res Note INT-223. USDA Forest Service Intermountain Forest and Range Experiment Station 6 p.
305	PIGL	50	Central & Southern Rocky Mtns	Clendenen, Gary W. 1977. Base-age conversion and site-index equations for Engelmann spruce stands in the Central and Southern Rocky Mountains. Res Note INT-223. USDA Forest Service Intermountain Forest and Range Experiment Station 6 p.
306	PIPU	50	Central & Southern Rocky Mtns	Clendenen, Gary W. 1977. Base-age conversion and site-index equations for Engelmann spruce stands in the Central and Southern Rocky Mountains. Res Note INT-223. USDA Forest Service Intermountain Forest and Range Experiment Station 6 p.
307	ABLAA	50	Inland empire	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
308	ABLA	50	Inland empire	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
309	PIGL	50	Inland empire	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
310	PIPU	50	Inland empire	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
311	CHTH2	50	Eastern U.S.	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. 142. p.
312	POHE4	50	Eastern U.S.	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. 142. p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
313	PIVI2	50	Eastern U.S.	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. 142. P.
314	POPUL	50	Eastern U.S.	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. 142. P.
315	QUNI	50	Eastern U.S.	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. 142. P.
316	QUPA5	50	Eastern U.S.	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. 142. p.
317	LIST2	50	Eastern U.S.	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. 142. p.
318	LITU	50	Eastern U.S.	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. 142. p.
319	QUAL	50	Region 8	Wiant, H. V. Jr. 1975. Schnur's site index curves for upland oaks formulated. Journal of Forestry 73:429.
320	QUCO2	50	Region 8	Wiant, H. V. Jr. 1975. Schnur's site index curves for upland oaks formulated. Journal of Forestry 73:429.
321	QUFA	50	Region 8	Wiant, H. V. Jr. 1975. Schnur's site index curves for upland oaks formulated. Journal of Forestry 73:429.
322	QUIM	50	Region 8	Wiant, H. V. Jr. 1975. Schnur's site index curves for upland oaks formulated. Journal of Forestry 73:429.
323	QUPA2	50	Region 8	Wiant, H. V. Jr. 1975. Schnur's site index curves for upland oaks formulated. Journal of Forestry 73:429.
324	QUPR2	50	Region 8	Wiant, H. V. Jr. 1975. Schnur's site index curves for upland oaks formulated. Journal of Forestry 73:429.
325	QURU	50	Region 8	Wiant, H. V. Jr. 1975. Schnur's site index curves for upland oaks formulated. Journal of Forestry 73:429.
326	QUST	50	Region 8	Wiant, H. V. Jr. 1975. Schnur's site index curves for upland oaks formulated. Journal of Forestry 73:429.
327	QUVE	50	Region 8	Wiant, H. V. Jr. 1975. Schnur's site index curves for upland oaks formulated. Journal of Forestry 73:429.

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Reference	Species	Base Age	Locality	Reference-Author
328	PIST	50	Southern Research Station	Parresol, B.R.; Vissage J.S. 1998. White pine site index for the southern forest survey. Res. Pap. SRS-10. Asheville, NC. USDA, For. Serv. Southern Res. Station. 8 p.
329	ALL	50	Pacific Northwest	Hanson, Erica J., David L. Azuma, and Bruce A. Hiserote. 2002. Site index equations and mean annual increment equations for Pacific Northwest Research Station-Forest Inventory and Analysis (PNW-FIA) Inventories, 1985-2001. Res. Note PNW-RN-XXX. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Station. XXX p.
330	ALL	100	Pacific Northwest	Hanson, Erica J., David L. Azuma, and Bruce A. Hiserote. 2002. Site index equations and mean annual increment equations for Pacific Northwest Research Station-Forest Inventory and Analysis (PNW-FIA) Inventories, 1985-2001. Res. Note PNW-RN-XXX. Portland, OR: U.S. Department of Agriculture, Forest Service, Pacific Northwest Station. XXX p.
331	PIEN	50	Central and southern Rocky Mountains	Clendenen, Gary W. 1977. Base-age conversion and site-index equations for Engelmann spruce stands in the Central and Southern Rocky Mountains. Res. Note INT-223 USDA Forest Service Intermountain Forest and Range Experiment Station. 6 p.
332	PSME	50	Inland Empire	Brickel, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p.
333	PISI	100	Northwest Canada	Payandeh, Bijan. 1974. Nonlinear site index equations for several major Canadian timber species. The Forestry Chronicle. 50(5):194-196.
334	ABAM	100	Northwest Canada	Payandeh, Bijan. 1974. Nonlinear site index equations for several major Canadian timber species. The Forestry Chronicle. 50(5):194-196.
335	TSHE	100	Northwest Canada	Payandeh, Bijan. 1974. Nonlinear site index equations for several major Canadian timber species. The Forestry Chronicle. 50(5):194-196.
336	TSME	100	Northwest Canada	Payandeh, Bijan. 1974. Nonlinear site index equations for several major Canadian timber species. The Forestry Chronicle. 50(5):194-196.
337	ABLA	100	Northwest Canada	Payandeh, Bijan. 1974. Nonlinear site index equations for several major Canadian timber species. The Forestry Chronicle. 50(5):194-196.
338	PISI	100	Southeast Alaska	Taylor, R. F., 1934. Yield of second-growth western hemlock-sitka spruce stands in southeastern Alaska. U.S. Dept. Agr. Tech. Bull. 412, 30 pp., illus.
339	TSHE	100	Southeast Alaska	Taylor, R. F., 1934. Yield of second-growth western hemlock-sitka spruce stands in southeastern Alaska. U.S. Dept. Agr. Tech. Bull. 412, 30 pp., illus.
340	ABAM	100	British Columbia	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
341	CHNO	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
342	PICO	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
343	THPL	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
344	TSHE	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
345	PISI	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
346	TSME	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
347	ACMA3	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
348	ALRU2	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
349	BEPA	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
350	POBAT	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
351	POBA2	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
352	ABLA	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
353	MALUS	100	British Columbia	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
354	PIGL	100	Alaska	Farr, Wilbur A. 1967. Growth and yield of well-stocked white spruce stands in Alaska. Research Paper PNW-RP-53. Portland, OR: U. S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 30p.
355	LALA	100	Alaska	Farr, Wilbur A. 1967. Growth and yield of well-stocked white spruce stands in Alaska. Research Paper PNW-RP-53. Portland, OR: U. S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 30p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
356	PIMA	100	Alaska	Farr, Wilbur A. 1967. Growth and yield of well-stocked white spruce stands in Alaska. Research Paper PNW-RP-53. Portland, OR: U. S. Department of Agriculture, Forest Service, Pacific Northwest Research Station. 30p.
357	BEPA	50	Alaska	Gregory, Robert A., and Paul M. Haack. 1965. Growth and yield of well-stocked aspen and birch stands in Alaska. Research Paper NOR-2. Juneau, AK: U. S. Department of Agriculture, Forest Service, Northern Forest Experiment Station. 28p.
358	POTR5	50	Alaska	Gregory, Robert A., and Paul M. Haack. 1965. Growth and yield of well-stocked aspen and birch stands in Alaska. Research Paper NOR-2. Juneau, AK: U. S. Department of Agriculture, Forest Service, Northern Forest Experiment Station. 28p.
359	POBA2	50	Alaska	Yarie, J., and F. R. Herman. 1982. Preliminary site index equations and site quality comparisons for Tanana River balsam poplar and Susitna River black cottonwood. Final report for cooperative agreement titled "Preliminary site productivity determinations for black cottonwood and balsam poplar in interior Alaska and site quality comparison for Tanana River balsam poplar and Susitna River black cottonwood." University of Alaska, Fairbanks, AK. 21p.
360	POBAT	50	Alaska	Yarie, J., and F. R. Herman. 1982. Preliminary site index equations and site quality comparisons for Tanana River balsam poplar and Susitna River black cottonwood. Final report for cooperative agreement titled "Preliminary site productivity determinations for black cottonwood and balsam poplar in interior Alaska and site quality comparison for Tanana River balsam poplar and Susitna River black cottonwood." University of Alaska, Fairbanks, AK. 21p.
361	POTR5	50	Alaska	Yarie, J., and F. R. Herman. 1982. Preliminary site index equations and site quality comparisons for Tanana River balsam poplar and Susitna River black cottonwood. Final report for cooperative agreement titled "Preliminary site productivity determinations for black cottonwood and balsam poplar in interior Alaska and site quality comparison for Tanana River balsam poplar and Susitna River black cottonwood." University of Alaska, Fairbanks, AK. 21p.
362	ABAM	50	Coastal BC	Nussbaum, A. F. 1996. Site index curves and tables for British Columbia: coastal species. BC Min. For. Res. Br. Land Manage. Handb. Field Guide Insert 3. Developed from: Kurucz, J. F. 1982

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
363	ABBA	50	Lake States	Carmean, W.H., Hahn, J.T. and Jacobs, R.D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. U.S. Department of Agriculture, Forest Service, Gen. Tech. Rep. NC-128. St. Paul, MN. p69. Developed from: Gevorkiantz, S.R. 1956
364	ABBA	50	Northern Maine	Carmean, W.H., Hahn, J.T., and Jacobs, R. D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p., p. 71. Developed from: Griffin, R. H. and Johnson, J. E. 1980
365	ABBA	50	Lake States	Carmean, W.H., Hahn, J.T., and Jacobs, R. D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p., p. 70. Developed from: Carmean, Willard H.; Hahn, Jerold T. 1981. Revised site index curves for balsam fir and white spruce in the Lake States. Res. Note NC-269. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Station. 4 p.
366	ABBA	50	Lake States	Carmean, W.H., Hahn, J.T., and Jacobs, R. D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p., p. 70. Developed from: Carmean, Willard H.; Hahn, Jerold T. 1981. Revised site index curves for balsam fir and white spruce in the Lake States. Res. Note NC-269. St. Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Station. 4 p.
367	ABBA	50	Coastal British Columbia	Hegyi, 1979. Site index equations and curves for the major tree species in British Columbia. B. C. Ministry of Forest Inventory Report 189 (1) Nov. 1979, Rev. Sept. 1981.
368	ABBA	50	Interior British Columbia	Hegyi, 1979. Site index equations and curves for the major tree species in British Columbia. B. C. Ministry of Forest Inventory Report 189 (1) Nov. 1979, Rev. Sept. 1981.
369	ABBA	100	Interior British Columbia	Hegyi, 1979. Site index equations and curves for the major tree species in British Columbia. B. C. Ministry of Forest Inventory Report 189 (1) Nov. 1979, Rev. Sept. 1981.
370	ABBA	100	Coastal British Columbia	Hegyi, 1979. Site index equations and curves for the major tree species in British Columbia. B. C. Ministry of Forest Inventory Report 189 (1) Nov. 1979, Rev. Sept. 1981.
371	ABBA	50	New Brunswick, Canada	Ker, M. F. and Bowling, C. 1991. Polymorphic site index equation for four New Brunswick softwood species. Can. J. For. Res. 21:728-732

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
372	ABBA	50	Lake states	Lundgren, A.L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1956 (Exceptional-monomolecular function)
373	ABBA	50	Lake states	Lundgren, A.L. and Dolid, W.A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1956 (Simpler monomolecular function)
374	ABBA	50	ME, VT, NH	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Meyer, W. H. 1929
375	ABBA	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
376	ABMA	50	RMSTAND	Brickel, Memo dated 7/17/69
377	ABMA	50	Inland Empire	Brickell, J.E. 1970. Equations and computer subroutines for estimating site quality of eight Rocky Mountain species. Res. Pap. INT-75. Ogden, UT. 22 p
378	ACRU	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T. and Jacobs, R. D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p. 16. Developed from: Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
379	ACRU	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T. and Jacobs, R. D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p. 16. Developed from: Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
380	ACSA2	50	Southeastern Iowa	Carmean, W.H., Hahn, J.T. and Jacobs, R. D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 19. Developed from: Brendemeuhl, R.H.; McComb, A.L.; Thompson, G.W. 1961b. Stand yield and growth of silver maple in Iowa. F-159 Ames, IA: Iowa State University Extension Service. 17 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
381	ACSA2	50	Southeastern Iowa	Carmean, W.H., Hahn, J.T. and Jacobs, R. D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 19. Developed from: Brendemeuhl, R.H.; McComb, A.L.; Thompson, G.W. 1961b. Stand yield and growth of silver maple in Iowa. F-159 Ames, IA: Iowa State University Extension Service. 17 p.
382	ACSA3	50	Northern Wisconsin and upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 18. Developed from: Carmean, W. H. 1978
383	ACSA3	50	Green Mountains of Vermont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p. 17. Developed from: Curtis, R.O. and Post, W.B. 1962. and Solomon, D. S. 1968
384	ACSA3	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p. 18. Developed from: Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
385	ACSA3	50	Vermont Green Mountains	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Cutis, Robert O.; Post, W. Boyd. 1962,1964
386	ACSA3	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
387	ALRU2	50	Pacific Northwest	Bishop, D. M., Johnson, F. A. and Staebler, G. R. 1958. Site curves for red alder. USDA Forest Service, Pacific Northwest Foest and Range Experiment Station, No. 162
389	ALRU2	50	Pacific Northwest	Johnson, F. A. and Worthington, N. P. 1963. Procedure for developing a site index estimating system from stem analysis data. USDA Forest Service, Res. Pap. PNW-7
390	ALRU2	50	coastal BC	Nussbaum, A. F. 1996. Site index curves and tables for British Columbia: coastal species. BC min. For. Res. Br. Land Manage. Handb. Field Guide Insert 3. Developed from: Harrington, C. A. and Curtis, R. O. 1986
391	ALRU2	50	Humboldt County, CA	Porter, D. R. and Wiant, H. V. 1965. Site index equations for tanoak, pacific madrone, and red alder in the redwood region of Humboldt County, CA. Journal of Forestry 286-287
392	ARME	50	Humboldt County, CA	Porter, D. R. and Wiant, H. V. 1965. Site index equations for tanoak, pacific madrone, and red alder in the redwood region of Humboldt County, CA. Journal of Forestry 286-287

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
393	BEAL2	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 21. Developed from: Carmean, Willard H. 1978
394	BEAL2	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 21. Developed from: Carmean, Willard H. 1978. Site index curves for northern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
395	BEAL2	50	Green Mountains of Vermont	Carmean, W.H., Hahn, J.T. and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 20. Developed from: Curtis, R.O. and Post, W.B. 1962 and Solomon, D. S. 1968
396	BEAL2	50	VT	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Curtis, R. O. and Post, B. W. 1962, 1964
397	BEAL2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
398	BEPA	50	Vermont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p. 23. Developed from: Curtis, R.O. and B.W. Post. 1962. Site-index curves for even-aged northern hardwoods in the Green Mountains of Vermont. Vermont Agric. Exp. Stn. Bull. 629. 16 p.
399	BEPA	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p22. Developed from: Cooley, John H. 1958, 1962
400	BEPA	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p24. Developed from: Carmean, Willard H. 1978. Site index curves for northern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
401	BEPA	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p24. developed from: Carmean, Willard H. 1978. Site index curves for northern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
402	BEPA	100	BC	Heygi, Site Index Equations and curves for the Major Tree Species in B.C., B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981
403	BEPA	50	BC	Heygi, Site Index Equations and curves for the Major Tree Species in B.C., B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981
404	BEPA	50	Lake States	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Cooley, J. H. 1958 (Exceptional-monomolecular function)
405	BEPA	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Cooley, J. H. 1958 (Simpler monomolecular function)
406	BEPA	50	VT	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Curtis, R. O. and Post, B. W. 1962, 1964
407	BEPA	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
408	CADE27	50	westside Sierra Nevada	Dolph, K. L. 1983. Site index curves for young-growth Incense-cedar of the westside Sierra Nevada. USDA Forest Service, Res. Note PSW-363
409	CARYA	50	Central states, Cumberland Mountains of Kentucky	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p25. Developed from: Boisen, Anton T. and Newlin, J.A. 1910
410	CARYA	50	Central states, Cumberland Mountains of Kentucky	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p25. Developed from: Boisen, Anton T. and Newlin, J.A. 1910

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
411	CEOC	50		NCRS equation, publication unknown
412	CEOC	50		NCRS equation, publication unknown - with BH input
413	CHNO	100	BC	Heygi, Site Index Equations and curves for the Major Tree Species in B.C., B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981
414	CHNO	50	BC	Heygi, Site Index Equations and curves for the Major Tree Species in B.C., B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981
415	CHTH2	50		SRS
416	FAGR	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p26. Developed from: Carmean, Willard H. 1978. Site index curves for northern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
417	FAGR	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p26. Developed from: Carmean, Willard H. 1978. Site index curves for northern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
418	FRAM2	50	Vermont	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 27, (Curtis and Post)
419	FRAM2	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 28 (Carmean)
420	FRAM2	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 28 (Carmean)
421	FRAM2	50	VT	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Curtis, R. O. and Post, B. W. 1962, 1964

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
422	FRAM2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
423	FRNI	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p. 29. Developed from: Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
424	FRNI	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p. 29. Developed from: Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
425	FRPE	50	Mississippi Valley alluvium-Louisiana, Mississippi, Arkansas, Tennessee	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 30, (Broadfoot 1969)
426	FRPE	50	Mississippi Valley alluvium-Louisiana, Mississippi, Arkansas, Tennessee	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 30, (Broadfoot 1969)
427	JUNI	50	Central states	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 31 (Kellogg 1939)
428	JUNI	50	Central states	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 31 (Kellogg 1939)
429	JUNI	25	Southern Illinois Shallow Flood Plains	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 32 (Losche and Schlesinger 1975)

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
430	JUNI	25	Southern Illinois Deep Flood Plains	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 33 (Losche and Schlesinger 1975)
431	JUNI	50		NCRS - Don't know published source
432	JUVI	50	Tennessee Valley	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 73 (Hampf 1965)
433	JUVI	50	Tennessee Valley	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 73 (Hampf 1965)
434	LADE2	50	New York and southern New England	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 31 (Arid and Stone, 1957)
435	LADE2	20	Maine	Gilmore, D. W., Briggs, R. D. and Seymour, R. S. 1993. Stem volume and site index equation for European larch in Maine. North. J. Appl. For. 10(2):70-74
436	LAKA2	50	Southern portion of upper New York	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 76 (Arid and Stone)
437	LALA	50	Minnesota	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 31 (Kellogg 1939)
438	LALA	50	Minnesota	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 75 (Gevorkiantz 1957)
439	LALA	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Exceptional-monomolecular function)
440	LALA	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Simple monomolecular function)

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
441	LAOC	50	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
442	LAOC	100	BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
443	LIDE3	50	Humboldt County, CA	Porter, D. R. and Wiant, H. V. 1965. Site index equations for tanoak, pacific madrone, and red alder in the redwood region of Humboldt County, CA. Journal of Forestry 286-287
444	LIST2	50	Maryland	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 34 (Trenk 1929)
445	LIST2	50	Southeast U.S.	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 35 (Winters and Osbourne 1935)
446	LIST2	50	Mississippi Valley	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 36 (Broadfoot and Krinard 1959)
447	LIST2	50	Mississippi Valley	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 36 (Broadfoot and Krinard, 1957)
448	LIST2	25	Alabama	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 37 (Lyle, 1975)
449	LIST2	50	AR, LA, AL, MS, SC	SRS
450	LIST2	50	AR, LA, AL, MS, SC	Scott, C.T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Winters, Robert K.; Osborne, James G. 1935. Growth and yield of second-growth redgum in fully stocked stands on alluvial lands in the South. Occas. Pap 54. New Orleans, LA: Department of Agriculture, Forest Service, Southern Forest Experiment Station. 35 p.
451	LIST2	50	14 States within the NEFES	Scott, C.T. and Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
452	LITU	50	Western North Carolina and Northern Georgia	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 39 (Beck, 1962)
453	LITU	50	West Virginia	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 40 (Schlaegel, 1969)
454	LITU	50	Carolinas and Virginia	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 38 (Beck, 1962)
455	LITU	50	West Virginia	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 40 (Schlaegel, 1969)
456	LITU	25	Hilly Coastal Plain of Alabama	Golden, M. S., Meldahl, R. S. and Tuttle, C. L. 1988. Estimating natural yellow-poplar site index in the Hilly Coastal Plain of Alabama. South. J. Appl. For. 12(1):41-45
457	LITU	50	West Virginia Appalachians	SRS
458	LITU	50	So. Appalachians	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: McCarthy, E. F. 1933. Yellow-poplar characteristics, growth and management. USDA Tech. Bull. 356. 55 p.
459	LITU	50	14 States within the NEFES	Scott, C.T. and Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
460	MIXED	50	CA	Dunning, D; Reineke, L.H. 1933. Preliminary yield tables for second-growth stands in California pine region. Tech. Bull. No. 354, Washington D.C.; U.S. Department of Agriculture. 24 p. Ed. Wanek 2002
461	NYAQ2	50	Georgia	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 41 (Applequist 1959)
462	NYAQ2	50	Georgia	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 41 (Applequist 1959)

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
463	NYBI	50	Lower coastal plain of southeastern Georgia	Applequist, M.B. 1959. Soil-site studies of southern hardwoods. In: Southern forest soils 8th annual forestry symposium; Baton Rouge, LA: Louisiana State University Press: 49-63.
464	NYBI	50	Georgia	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 41 (Applequist 1959)
465	NYBI	50	Georgia	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 42 (Applequist 1959)
466	PIAB	50	Wisconsin	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 78 (Wilde, 1965)
467	PIAB	30	Vermont	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 79 (Hannah, 1972)
468	PIAB	25	Southern Ontario	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. P. 80 (Gordon, 1989)
469	PIAB	50	NY	Jokela, E. J., Jack, C. B. and Nowak, C. A. 1988. Site index curves for unthinned norway spruce plantations in New York. North. J. Appl. For. 5:251-254
470	PIAL	50	British Columbia	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
471	PIAL	100	British Columbia	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
472	PIBA2	50	New Hampshire and Vermont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. p. 89. Developed from: Gevorkiantz, S.R. 1956c.
473	PIBA2	50	New Hampshire and Vermont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 89. Developed from: Gevorkiantz, S.R. 1956c.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
474	PIBA2	50	North Central Ontario	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 89. Developed from: Lenthall 1989.
475	PIBA2	50	Wisconsin	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 89. Developed from: Wilde, 1965.
476	PIBA2	50	ON	Goelz, J. C. G. and Burk, T. E. 1992. Development of a well-behaved site index equation: jack pine in north central Ontario. Can. J. For. Res. 22:776-784
477	PIBA2	50	NB	Ker, M. F. and Bowling, C. 1991. Polymorphic site index equation for four New Brunswick softwood species. Can. J. For. Res. 21:728-732
478	PIBA2	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36 (Exceptional-monomolecular function)
479	PIBA2	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36 (Simple monomolecular function)
480	PIBA2	50	ON	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Plonski, W. L. 1960
481	PIBA2	50	14 States within the NEFES	Scott, C.T. and Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
482	PICE	50	Northern Maine	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 77. Developed from: Griffin, Ralph H.; Johnson, James E. 1980.
483	PICE	50	Northern Maine	Griffin, R. H. and Johnson, J. E. 1980. Polymorphic site index curves for spruce and balsam fir growing in even-aged stands in northern Maine. Stn. Bull. 765. Orono, ME: University of Maine Life Sciences and Agriculture Experiment Station. 22p.
484	PICE	50	BC	Hegyi and others 1979. Site Index Equations and curves for the Major Tree Species in B.C. B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981
485	PICE	100	BC	Hegyi and others 1979. Site Index Equations and curves for the Major Tree Species in B.C. B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
486	PICL	50	Florida	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 92. Developed from: Schumacher, F.X; Coile, T.S. 1960. and Coile, T.S.; Schumacher, F.X. 1964.
487	PICL	50	Florida	Rockwood, D. L., Yang, B. and Outcalt, K. W. 1997. Stand-yield prediction for managed Ocala sand pine. USDA Forest Service, Res. Pap. SRS-3
488	PIEC2	50	Southern states	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 93. Developed from: USDA 1929. Volume, Yield and Stand Tables for Second-Growth Southern Pines
489	PIEC2	50	North Carolina Piedmont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 94. Developed from: Schumacher, F.X; Coile, T.S. 1960 and Coile, T.S.; Schumacher, F.X. 1964
490	PIEC2	50	Southeastern Missouri	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 95. Developed from: Nash, Andrew J. 1963.
491	PIEC2	50	Ouachita Mountains of west-central Arkansas and southeastern Oklahoma	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 96. Developed from: Graney, David L.; Burkhardt, Harold E. 1973.
492	PIEC2	25	Southern Illinois	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 98. Developed from: Gilmore, A.R.; Metcalf G.E. 1961b. Site quality curves for plantation-grown shortleaf pine in southern Illinois. For. Note 95. Urbana, IL: University of Illinois Agricultural Experiment Station. 2 p.
493	PIEC2	50	Southern Missouri	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 95. Developed from: Nash, Andrew J. 1963.
494	PIEC2	25	Central Tennessee	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 97. Developed from: Smalley, Gordon W.; Brower, David R. 1971.
495	PIEC2	50	Southern states	Farrar, R. M. 1975. Southern pine site-index computing program. USDA Forest Service, Res. Note SO-197. Developed from: USDA, 1929

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
496	PIEC2	50	NC	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Schumacher, F. X. and Colie, T. S. 1960
497	PIEC2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
498	PIEL	25	Louisiana	Cao, Q.V., Baldwin, V.C. and Lohrey, R.E. 1994. A site index equation for direct-seeded slash pines in Louisiana. Eighth Biennial Southern Silvicultural Research Conference, Auburn, AL, Nov. 1-3, 1994
499	PIEL	50	Southeastern and southern States	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 99. Developed from: Schumacher, F.X; Coile, T.S. 1960. Growth and yield of natural stands of the southern pines. Durham, NC: T.S. Coile, Inc. 115 p. AND Coile, T.S.; Schumacher, F.X. 1964. Soil-site relations, stand structure, and yields of slash and loblolly pine plantations in the southern United States. Durham, NC: T.S. Coile, Inc. 296 p.
500	PIEL	50	Region 8	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 99. Developed from: USDA 1929
501	PIEL	50	Florida	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 101. Developed from: Gordon, L. O. 1959.
502	PIEL	50	Florida and southern Georgia	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 102. Developed from: Bennett, Frank A. 1970.
503	PIEL	50	Florida	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 103. Developed from: Barnes, Robert L. 1955. Growth and yield of slash pine plantations in Florida. Res. Rep. 3. Gainesville, FL: University of Florida, School of Forestry. 5 p.
504	PIEL	25	Georgia middle coastal plain and Carolina sandhills	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 104. Developed from: Bennett, Frank A.; McGee, C.E.; Clutter, J.L. 1959. McGee, C.E.; Bennett, F.A. 1959.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
505	PIEL	25	West Gulf	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 105. Developed from: Zarnoch, S.J.; Feduccia, D.P. 1984
506	PIEL	25	Louisiana	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 106. Developed from: Lohrey, Richard E. 1987
507	PIEL	50	Southern states	Farrar, R. M. 1975. Southern pine site-index computing program. USDA Forest Service, Res. Note SO-197. Developed from: USDA 1929
508	PIEL	25	TX	Hacker, W. D. and Bilan, M. V. 1991. Site index curves for loblolly and slash pine plantations in the post oak belt of east Texas. South. J. Appl. For. 15(2):97-100
509	PIEL	25	TX	Lenhart, J. D., Hunt, E. V. and Blackard, J. D. 1986. Site index equations for loblolly and slash pine plantations on Non-Old-Field in Texas. South. J. Appl. For. 10:109-112
510	PIEL	25	Georgia middle coastal plain and Carolina sandhills	McGee, C. E. 1959. Site index curves for old-field slash pine plantation. Res. Note No. 127, Southeastern Forest Experiment Station, Asheville, NC
511	PIEL	50	SRS	SRS publication unknown
512	PIEN	100	RMSTAND	Alexander RM-32
513	PIEN	100	Central and southern Rocky Mountains	Clendenen, Gary W. 1977. Base-age conversion and site-index equations for Engelmann spruce stands in the Central and Southern Rocky Mountains, Res. Note INT-223 USDA Forest Service Intermountain Forest and Range Experiment Station. 6p.
514	PIGL	50	Northwest Territories, Canada	Alemdag, I. S. 1988. Site index equation for white spruce in the Northwest Territories, Canada. For. Ecol. Manage. 23:61-67
515	PIGL	50	Canada	Alemdag, I. S. 1991. National site-index and height-growth curve for white spruce growing in natural stand in CANADA. Can. J. For. Res. 21: 1466-1474
516	PIGL	100	Canada	Alemdag, I. S. 1991. National site-index and height-growth curve for white spruce growing in natural stand in CANADA. Can. J. For. Res. 21: 1466-1474
517	PIGL	50	Minnesota	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 81. Developed from: Gevorkiantz, S.R. 1957
518	PIGL	50	Minnesota	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 82. Developed from: Carmean, Willard H.; Hahn, Jerold T. 1981

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
519	PIGL	50	Minnesota	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 82. Developed from: Carmean, Willard H.; Hahn, Jerold T. 1981.
520	PIGL	50	Ontario	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 83. Developed from: Steill, W. M. and Berry, A. B. 1937
521	PIGL	15	north central Ontario	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 84. Developed from: Thrower, James S. 1986
522	PIGL	50	Minnesota	Carmean, Willard H.; Hahn, Jerold T. 1981. Revised site index curves for balsam fir and white spruce in the Lake States. Res. Note NC-269. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 4 p.
523	PIGL	50	New Brunswick	Ker, M. F. and Bowling, C. 1991. Polymorphic site index equation for four New Brunswick softwood species. Can. J. For. Res. 21:728-732
524	PIGL	70	Alberta	Kirby, C. L. 1975. Site index equations for lodgepole pine and white spruce in Alberta. Information Report NOR-X-142, Northern Forest Research Center, Canadian Forest Service
525	PIGL	50	ME, VT, NH	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Meyer, W. H. 1929
526	PIGL	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
527	PIMA	50	Northeastern Minnesota	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 85. Developed from: Gevorkiantz, S.R. 1957
528	PIMA	50	Ontario Clay belt	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p. 86. Developed from: Payandeh, Bijan. 1978
529	PIMA	50	North central Ontario, mineral soils	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p. 87. Developed from: Thrower, James S. 1986

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
530	PIMA	50	North central Ontario	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p. 87. Developed from: Thrower, James S. 1986
531	PIMA	50	New Brunswick, Canada	Ker, M. F. and Bowling, C. 1991. Polymorphic site index equation for four New Brunswick softwood species. Can. J. For. Res. 21:728-732
532	PIMA	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Exceptional-monomolecular function)
533	PIMA	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Simple monomolecular function)
534	PIMA	50	Ontario	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Plonski, W. L. 1960
535	PIMA	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
536	PIM03	50	Southern Appalachians	Beck, D. E. 1971. Polymorphic site index curves for white pine in the Southern Appalachians. Res. Pap. SE-80. USDA Forest Service
537	PIPA2	25	Louisiana	Cao, Q.V., Baldwin, V.C. and Lohrey, R.E. 1996. Site index curves for direct-seeded loblolly and longleaf pines in Louisiana. South. J. Appl. For. 21(3):134-138
538	PIPA2	50	Southern states	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 107. Developed from: USDA 1929
539	PIPA2	50	Atlantic coastal plain	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 108. Developed from: Schumacher, F.X; Coile, T.S. 1960
540	PIPA2	50	Coastal plain of NW Florida, SW Georgia, South and Central Alabama, and South Mississippi	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 109. Developed from: Farrar, Robert M., Jr. 1981
541	PIPA2	50	Southern states	Farrar, R. M. 1975. Southern pine site-index computing program. USDA Forest Service, Res. Note SO-197. Developed from: USDA, 1929.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
542	PIPA2	50	Gulf states	Rayamajhi, J. N., Kush, J. S. and Meldahl, R. S. 1999. An updated site index equation for naturally regenerated longleaf pine stands. The Tenth Biennial Southern Silviculture Research Conference, Shreveport, LA, Feb. 16-18, 1999
543	PIPA2	50		SRS reference unknown
544	PIPO	100	Eastern WA, eastern OR	Barrett, J.W. 1978. Height growth and site index curves for managed, even-aged stands of ponderosa pine in the Pacific Northwest. Res. Pap. PNW-232. Portland, OR. 14 p. AND Meyer, W.H. 1938 Yield of even-aged stands of ponderosa pine. USDA Tech. bull. 630
545	PIPO	50		Equation used by NCRS for PP. Can't find any documentation
546	PIPO	50	Southwest Oregon	Hann, D. W. and Scrivani, J. A. 1987. Dominant-height-growth and site-index equations for Douglas-fir and ponderosa pine in southwest Oregon. Res. Bull. 59, Forest Research Lab. College of Forestry, Oregon State Univ.
547	PIPO	50	California	Powers, R. F. and Oliver, W. W. 1978. Site classification of Ponderosa pine stands under stocking control in California. USDA Forest Service, Res. Pap. PSW-128
548	PIRE	50	Northern Minnesota	Alban, D. H. 1976. Estimating red pine site index in northern Minnesota. USDA Forest Service Res. Pap. NC-130
549	PIRE	20	North Central Ontario	Carmean, W. H. and Thrower, J. S. 1995. Early height growth and site index for planted red pine in North Central Ontario. North. J. Appl. For. 12(1):23-29
550	PIRE	50	Minnesota	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 110. Developed from: Gevorkiantz, S.R. 1957c
551	PIRE	50	Minnesota	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 110. Developed from: Gevorkiantz, S.R. 1957c
552	PIRE	20	New York	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 111. Developed from: Richards, N.A.; Morrow, R.R.; Stone, E.L. 1962.
553	PIRE	30	Vermont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 112. Developed from: Hannah, Peter R. 1971. Soil-site relationships of white, Scotch, and red pine plantations in Vermont. Stn. Bull. 667. Burlington, VT: University of Vermont Agricultural Experiment Station. 27 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
554	PIRE	50	Wisconsin	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 113. Developed from: Wilde, S.A.; Iyer, J.G.; Tanser, Christian; Trautmann, W.L.; Watterson, K.G. 1965
555	PIRE	25	Illinois	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 114. Developed from: Gilmore, A.R. 1967
556	PIRE	50	Eastern Ontario	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 115. Developed from: Stiell, W.M.; Berry, A.B. 1973b
557	PIRE	20	North Central Ontario	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 116. Developed from: Thrower, James S. 1986b. Estimating site quality from early height growth in white spruce and red pine plantations in the Thunder Bay area. Thunder Bay, ON: Lakehead University, School of Forestry. M.SC.For. thesis. 143 p.
558	PIRE	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Exceptional-monomolecular function)
559	PIRE	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Simple monomolecular function)
560	PIRE	50	MN	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Eyre, F. H. and Zehngraff, P. 1948
561	PIRE	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
562	PIRU	50	Maine, New Hampshire, and Vermont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 88. Developed from: Meyer, Walter H. 1929. Yields of second-growth spruce and fir in the northeast. Tech. Bull. 142. Washington, DC: U.S. Department of Agriculture, Forest Service. 52 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
563	PIRU	50	ME, VT, NH	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Meyer, W. H. 1929
564	PIRU	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
565	PISE	50	Coastal plain of North Carolina, South Carolina and Georgia	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 117. Developed from: Schumacher and Coile Growth and Yield of Natural Stands of Southern Pines, 1960
566	PISI	50	BC	Hegyi and others 1979. Site Index Equations and curves for the Major Tree Species in B.C. B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981
567	PISI	100	BC	Hegyi and others 1979. Site Index Equations and curves for the Major Tree Species in B.C. B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981
568	PISI	50	BC	Nussbaum, A. F. 1996. Site index curves and tables for British Columbia: coastal species. BC Min. For. Res. Br. Land Manage. Handb. Field Guide Insert 3. Developed from: Nigh, G. D. 1996
569	PIST	50	Ssouthern Appalachians	Beck, Donald E. 1971. Polymorphic site index curves for white pine in the southern Appalachians. Res. Pap. SE-80. Asheville, NC: USDA, Forest Service, Southeastern Forest Experiment Station. 8 p.
570	PIST	30	Vermont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 121. Developed from: Hannah, Peter R. 1971 Soil-site relationships for white, Scotch, and red pine plantations in Vermont. Stn. Bull. 667. Burlington, VT: University of Vermont Agricultural Experiment Station. 27 p.
571	PIST	50	Northern Wisconsin	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 118. Developed from: Gevorkiantz, S.R. 1957f
572	PIST	50	Northern Wisconsin	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 118. Developed from: Gevorkiantz, S.R. 1957f.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
573	PIST	50	Appalachian Mountain of Virginia, Tennessee, North Carolina, and Georgia	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 119. Developed from: Beck, Donald E. 1971
574	PIST	25	Illinois	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 120. Developed from: Gilmore, A.R. 1968. Site index curves for plantation-grown white pine in Illinois. For. Note 123. Urbana, IL: University of Illinois Agricultural Experiment Station. 2 p.
575	PIST	25	Appalachian Mountain of Virginia, Tennessee, North Carolina, and Georgia	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 122. Developed from: Vimmerstedt, John P. 1959, 1962
576	PIST	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Exceptional-monomolecular function)
577	PIST	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Simple monomolecular function)
578	PIST	50	SRS	SRS publication unknown
579	PIST	50	PA, NJ, NY, NE	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Frothingham, E. H. 1914
580	PIST	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
581	PIST	25	South Appalachian	Vimmerstedt, J. P. 1962. South Appalachian white pine plantations: site, volume, and yield. USDA Forest Service, Southeastern Forest Experiment Station, Stn. Pap. No. 149
582	PISY	30	Vermont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 123. Developed from: Hannah, Peter R. 1971 Soil-site relationships for white, Scotch, and red pine plantations in Vermont. Stn. Bull. 667. Burlington, VT: University of Vermont Agricultural Experiment Station. 27 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
583	PISY	30	Vermont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 123. Developed from: Hannah, Peter R. 1971 Soil-site relationships for white, Scotch, and red pine plantations in Vermont. Stn. Bull. 667. Burlington, VT: University of Vermont Agricultural Experiment Station. 27 p.
584	PITA	25	Louisiana	Cao, Q.V., Baldwin, V.C. and Lohrey, R.E. 1996. Site index curves for direct-seeded loblolly and longleaf pines in Louisiana. South. J. Appl. For. 21(3):134-138
585	PITA	25	Lower West Gulf Coastal Plain of eastern Texas, Louisiana, Arkansas, and Alabama	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 136. Developed from: Popham, T.W.; Feduccia, D.P.; Dell, T.R.; Mann, W.F., Jr.; Campbell, T.E. 1979.
586	PITA	50	Southern states	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 124. Developed from: USDA 1929
587	PITA	50	Southern states	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 124. Developed from: USDA 1929
588	PITA	50	Coastal plain from Chesapeake Bay, Maryland to Mobile Bay, Alabama	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 125. Developed from: Schumacher, F.X; Coile, T.S. 1960
589	PITA	50	Coastal plain of Virginia, North Carolina, and South Carolina	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 126. Developed from: Trousdell, Kenneth B.; Beck, Donald E.; Lloyd, F. Thomas. 1974.
590	PITA	50	North Louisiana and south Arkansas	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 127. Developed from: Zahner, Robert. 1962
591	PITA	25	South Carolina Piedmont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 128. Developed from: Shipman, R.D. 1960.
592	PITA	25	Georgia Piedmont	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 129. Developed from: Clutter, Jerome L. and Lenhart, J. David. 1968.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
593	PITA	25	Piedmont throughout most of natural range	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 130. Developed from: Amateis, Ralph L.; Burkhardt, Harold E. 1985.
594	PITA	25	Coastal plain throughout most of natural range	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 131. Developed from: Amateis, Ralph L.; Burkhardt, Harold E. 1985.
595	PITA	25	Coastal plains of North and South Carolina - All except very poorly drained soil	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 132. Developed from: Pienaar, L.B.; Shiver, B.D. 1980.
596	PITA	25	Coastal plains of North and South Carolina - very poorly drained soil in pocosins	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 133. Developed from: Pienaar, L.B.; Shiver, B.D. 1980.
597	PITA	25	Central Tennessee, Northern Alabama, and Northwest Georgia	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 134. Developed from: Smalley, Gordon W.; Brower, David R. 1971
598	PITA	25	Interior West Gulf Coastal Plain of Texas, Louisiana, and Arkansas	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 135. Developed from: Lenhart, J. David. 1971
599	PITA	25	Southern Illinois	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 137. Developed from: Gilmore, A.R.; Metcalf, G.E. 1961
600	PITA	50	Southern states	Farrar, R. M. 1975. Southern pine site-index computing program. USDA Forest Service, Res. Note SO-197. Developed from: USDA, 1929
601	PITA	25	TX	Hacker, W. D. and Bilan, M. V. 1991. Site index curves for loblolly and slash pine plantations in the post oak belt of east Texas. South. J. Appl. For. 15(2):97-100

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
602	PITA	25	TX	Lenhart, J. D., Hunt, E. V. and Blackard, J. D. 1986. Site index equations for loblolly and slash pine plantations on Non-Old-Field in Texas. South. J. Appl. For. 10:109-112
603	PITA	50	SRS	SRS publication unknown
604	PITA	50	So. coastal plain	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Schumacher, F. X. and Colie, T. S. 1960
605	PITA	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
606	PITA	50	Coastal plain of Carolina and Virginia	Trousdell, K. B., Beck, D. E. and Lloyd, F. T. 1974. Site index for loblolly pine in the Atlantic coastal plain of the Carolina and Virginia. USDA Forest Service, Res. Pap. SE-115
607	PIVI2	50	Piedmont of Durham County, North Carolina	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. 142. P. p. 138. Developed from: Slocum, G.K.; Miller, w.d. 1953
608	PIVI2	50	West Virginia, Maryland, and Pennsylvania	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 140. Developed from: Kulow, D.L.; Sowers, D.W.; Heesch, H.H. 1966.
609	PIVI2	50	Piedmont of Maryland, Virginia, and the Carolina	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 139. Developed from: Chaiken, L.E.; Nelson, Thomas C. 1959
610	PIVI2	50	Piedmont of Maryland, Virginia, and the Carolinas	SRS publication unknown
611	PIVI2	50	MD, VA, NC, SC	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. From: Nelson, T. C., Clutter, J. L. and Chaiken, L. E. 1961
612	PIVI2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
613	POBA2	50	BC	Hegyi and others 1979. Site Index Equations and curves for the Major Tree Species in B.C. B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981
614	POBA2	100	BC	Hegyi and others 1979. Site Index Equations and curves for the Major Tree Species in B.C. B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
615	POBA2	50	Coastal BC	Nussbaum, A. F. 1996. Site index curves and tables for British Columbia: coastal species. BC min. For. Res. Br. Land Manage. Handb. Field Guide Insert 3. Developed from: Thrower, J. S. 1992
616	POBA2	50	North of the Alaska range - all sites	Shaw, J. D. and Packee, E. C. 1998. Site index of balsam poplar/western black cottonwood in interior and southcentral Alaska. North. J. Appl. For. 15(4):174-181
617	POBA2	50	South of the Alaska range - typical fluvial sites	Shaw, J. D. and Packee, E. C. 1998. Site index of balsam poplar/western black cottonwood in interior and southcentral Alaska. North. J. Appl. For. 15(4):174-181
618	POBA2	50	South of the Alaska range - upland sites	Shaw, J. D. and Packee, E. C. 1998. Site index of balsam poplar/western black cottonwood in interior and southcentral Alaska. North. J. Appl. For. 15(4):174-181
619	POBA2	50	South of the Alaska range - Susitna-Chulitna fluvial sites	Shaw, J. D. and Packee, E. C. 1998. Site index of balsam poplar/western black cottonwood in interior and southcentral Alaska. North. J. Appl. For. 15(4):174-181
620	PODE3	10	Lower Mississippi delta	Cao, Q.V. and Durand, K.M. 1991. Site index curves for eastern cottonwood plantations in lower Mississippi delta. South. J. Appl. For. 15(1):28-30
621	POGR4	50	Ontario	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Plonski, W. L. 1960
622	POGR4	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
623	POPUL	25	Southern Illinois bottomland and a few uplands	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 43. Developed from: Neebe, David J.; Boyce, Stephen G. 1959
624	POPUL	25	Southern Illinois	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 43. Developed from: Neebe, David J.; Boyce, Stephen G. 1959.
625	POPUL	30	Mississippi Valley alluvium - Louisiana, Mississippi, Arkansas, Tennessee, Missouri, Kentucky	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 44. Developed from: Broadfoot, W.M. 1960.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
626	POPUL	50	Iowa lowland	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 45. Developed from: Brendemuehl, R.H. 1965.
627	POPUL	30	SRS	SRS - publication unknown
628	POTR5	50	Lake States	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 46. Developed from: Gevorkiantz, S.R. 1956a. Site index curves for aspen in the Lake States. Tech. Note 464. St Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Station. 2 p.
629	POTR5	50	Northern Wisconsin and upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 47. Developed from: Carmean, W.H. 1978
630	POTR5	50	Northern Wisconsin and upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 47. Developed from: Carmean, W.H. 1978
631	POTR5	50	North Central Ontario	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 48. Developed from: Deschamps, Kerry C. 1989. Polymorphic site index curves for trembling aspen in north central Ontario. Thunder Bay, ON: Lakehead University, School of Forestry, M.Sc.F. thesis (in prep.)
632	POTR5	50	BC	Hegyi and others 1979. Site Index Equations and curves for the Major Tree Species in B.C. B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981
633	POTR5	100	BC	Hegyi and others 1979. Site Index Equations and curves for the Major Tree Species in B.C. B.C. Min of Forest Inventory Report 189(1) Nov 1979, Rev Sept 1981
634	POTR5	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Exceptional-monomolecular function)
635	POTR5	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Simple monomolecular function)

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
636	PRSE2	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 49. Developed from: Carmean, Willard H. 1978. Site index curves for northern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
637	PRSE2	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 49. Developed from: Carmean, Willard H. 1978. Site index curves for northern hardwoods in northern Wisconsin and upper Michigan. Res. Pap. NC-160. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
638	PRSE2	50	NW Pennsylvania Allegheny Plateau	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 50. Developed from: Auchmoody, L.R.; Rexrode, C.O. 1984. Black cherry site index curves for the Allegheny Plateau. Res. Pap. NE-549. Broomall, PA: U.S. Department of Agriculture, Forest Service, Northeastern Forest Experiment Station. 5 p.
639	PSME	50	Western MT, ID, WY, UT, CO	Brickell, J.E. 1970. Equation and computer routines for estimating site quality of eight Rocky Mountain species. USDA Res. Pap. INT-75
640	PSME	100	NM	Edminster, C. B. and Jump, L. H. 1976. Site index curves for Douglas-fir in New Mexico. USDA Forest Service, Res. Note RM-326
641	PSME	50	Southwest OR	Hann, D. W. and Scrivani, J. A. 1987. Dominant-height-growth and site-index equations for douglas-fir and ponderosa pine in southwest Oregon. Res. Bull. 59, Forest Research Lab. College of Forestry, Oregon State Univ.
642	PSME	50	Interior British Columbia	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
643	PSME	100	Interior British Columbia	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
644	PSME	50	Coastal British Columbia	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
645	PSME	100	Coastal British Columbia	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC. Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
646	PSME	50	Coastal CA	Krumland, B. and Wensel, L. C. 1977. Procedure for estimating redwood and douglas fir site indexes in the north coastal region of CA. Res. Not. 5, Co-op Redwood yield research project, Dept. of Forestry and Conversion, Univ of CA
647	PSME	50	Coastal BC	Nussbaum, A. F. 1996. Site index curves and tables for British Columbia: coastal species. BC min. For. Res. Br. Land Manage. Handb. Field Guide Insert 3. Developed from: Bruce, D. 1981
648	QUAL	50	Boston Mountain of Arkansas	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 55. Developed from: Graney, David L.; Bower, David R. 1971
649	QUAL	50	Unglaciaded uplands of SE Ohio, eastern Kentucky, S Indiana, S Illinois, and S Missouri	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 56. Developed from: Carmean, Willard H. 1971.
650	QUAL	50	Unglaciaded uplands of SE Ohio, eastern Kentucky, S Indiana, S Illinois, and S Missouri	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 56. Developed from: Carmean, Willard H. 1971.
651	QUAL	50	MO, IL, MI, OH, KY, TN, VA, MD, WV, PA	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Schnur, G. L. 1937
652	QUAL	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
653	QUBU2	50	Mississippi Valley aluvium - Louisiana, Mississippi, Arkansas, Tennessee	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 60. Developed from: Broadfoot, W.M. 1969
654	QUCO2	50	Unglaciaded uplands of southeastern Ohio, eastern Kentucky, southern Indiana, southern Illinois, and southern Missouri	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 57. Developed from: Carmean, W. H. 1971

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
655	QUCO2	50	Unglaciaded uplands of SE Ohio, eastern Kentucky, S Indiana, S Illinois, and S Missouri	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 57. Developed from: Carmean, Willard H. 1971. Site index curves for black, white, scarlet, and chestnut oaks in the Central States. Res. Pap. NC-62. St. Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 8 p. and Carmean, Willard H. 1972. Site index curves for upland oaks in the Central States. Forest Science. 18: 109-120.
656	QUER	50	Michigan south to Georgia, Missouri east to Pennsylvania and Maryland	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142p. 1989, p. 51. Developed from: Schnur, G.L. 1937.
657	QUERC	50	Virginia-Carolina Piedmont and northern Appalachian Mountains	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 52. Developed from: Olson, David F., Jr. 1959
658	QUERC	50	Southeast	Olson, David F., Jr. 1959. Site index curves for upland oak in the southeast. Res Note 125. Ashville, NC: USDA, Forest Service, Southeastern Forest Experiment Station. 2 p.
659	QUERC	50	SRS	SRS publication unknown
660	QUERC	50	Appalachians	Wiant, H. V. 1975. Schnur's site index curves for upland oaks formulated. J. Forestry 73(7)
661	QUERC	50	Northwestern West Virginia	Wiant, H. V. and Lamson, N. I. 1983. Site index equations for evenaged oak stands on northwestern West Virginia. West Virginia Forestry Notes No. 10. (Site index equation for northern red, black, and scarlet oaks)
662	QUERC	50	Northwestern West Virginia	Wiant, H. V. and Lamson, N. I. 1983. Site index equations for evenaged oak stands on northwestern West Virginia. West Virginia Forestry Notes No. 10. (Site index equation for white and chestnut oaks)
663	QUNI	50	Mississippi Valley aluvium - Louisiana, Mississippi, Arkansas, Tennessee	Carmean, W.H., Hahn, J.T. and R.D. Jacobs. 1989. Site index curves for forest tree species in the eastern United States. Gen Tech. Rep. NC-128. St. Paul, MN: U.S. Dept. of Agric., For. Serv., North Central Forest Experiment Station. 142. P.1989, p. 59. Developed from: Broadfoot, W.M. 1963
664	QUPA2	50	Mississippi Valley aluvium - Louisiana, Mississippi, Arkansas, Tennessee	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 58. Developed from: Broadfoot, W.M. 1961.
665	QUPA5	50		SRS publication unknown but equation same as QUPA01

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
666	QUPR2	50	Unglaciaded uplands of southeastern Ohio, eastern Kentucky, and southern Indiana	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 61. Developed from: Carmean, Willard H. 1971.
667	QUPR2	50	Unglaciaded uplands of southeastern Ohio, eastern Kentucky, and southern Indiana	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 61. Developed from: Carmean, Willard H. 1971.
668	QURU	50	Northern Wisconsin and upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 63. Developed from: Carmean, W.H. 1978.
669	QURU	50	Northern Wisconsin and upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 63. Developed from: Carmean, W.H. 1978.
670	QURU	50	Southwestern Wisconsin	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 62. Developed from: Gevorkiantz, S.R. 1957b.
671	QURU	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Exceptional-monomolecular function)
672	QURU	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Simple monomolecular function)
673	QUVE	50	Unglaciaded uplands of southeastern Ohio, eastern Kentucky, southern Indiana, and southern Missouri	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 64. Developed from: Carmean, Willard H. 1971.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
674	QUVE	50	Unglaciaded uplands of southeastern Ohio, eastern Kentucky, southern Indiana, and southern Missouri	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 64. Developed from: Carmean, Willard H. 1971.
675	QUVE	50	CA	Powers, R. F. 1972. Site index curves for unmanaged stands of California black oak. USDA Forest Service, Res. Note PSW-262
676	ROPS	50	Central States	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 65. Developed from: Kellogg 1939a. Site index curves for platation black locust, Central States region. Stn. Note 35. Columbus. OH: Department of Agriculture. Forest Service, Central States Forest Experiment Station. 3 p.
677	ROPS	50	Central states	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 65. Developed from: Kellogg 1939a. Site index curves for platation black locust, Central States region. Stn. Note 35. Columbus. OH: Department of Agriculture. Forest Service, Central States Forest Experiment Station. 3 p.
678	THOC2	50	Lake States	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 141. Developed from: Gevorkiantz, S.R. 1957e. Site index curves for whitecedar in the Lake States. Tech. Note 472. St Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Station. 2 p.
679	THOC2	50	Lake States	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 141. Developed from: Gevorkiantz, S.R. 1957e. Site index curves for whitecedar in the Lake States. Tech. Note 472. St Paul, MN: U.S. Department of Agriculture, Forest Service, Lake States Forest Experiment Station. 2 p.
680	THOC2	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Exceptional-monomolecular function)

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
681	THOC2	50	Lake states	Lundgren, A. L. and Dolid, W. A. 1970. Biological growth functions describe published site index curves for lake States timber species. USDA Forest Service, Res. Pap. NC-36. Developed from: Gevorkiantz, S. R. 1957 (Simple monomolecular function)
682	THOC2	50	MI, WI, MN	Scott, C. T. and Voorhis, N. G. 1986. Northeastern forest survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148. Developed from: Gevorkiantz, S. R. and Duerr, W. A. 1939
683	THOC2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
684	THOC2	50	14 States within the NEFES	Scott, C.T.; Voorhis, N.G. 1986. Northeastern Forest Survey site index equations and site productivity classes. North. J. Appl. For. 3:144-148
685	THPL	100	Interior BC	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
686	THPL	50	Coastal British Columbia	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
687	THPL	100	Coastal British Columbia	Hegyi, F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
688	TIAM	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 66. Developed from: Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
689	TIAM	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p. 1989, p. 66. Developed from: Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
690	TSCA	50	New York, Michigan, and Southern Appalachian Mountains	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 142. Developed from: Frothingham, E.H. 1915a. The eastern hemlock. Dull. 152. Washington DC: U.S. Department of Agriculture, Forest Service. 43 p.
691	TSCA	50	New York, Michigan, and Southern Appalachian Mountains	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 142. Developed from: Frothingham, E.H. 1915a. The eastern hemlock. Dull. 152. Washington DC: U.S. Department of Agriculture, Forest Service. 43 p.
692	TSHE	50	Interior BC	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
693	TSHE	100	Interior BC	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
694	TSHE	50	Coastal BC	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
695	TSHE	100	Coastal BC	Hegyi. F. and others. 1981. Site index equations and curves for the major tree species in British Columbia. BC Min. of Forests For. Inv. Rep. 1. Victoria, BC. 54 p.
696	TSME	50	RMSTAND	FROM RMSTAND
697	ULAM	50	Southern Iowa	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 67. Developed from: Brendemuehl, R.H.; McComb, A.L.; Thompson, G.W. 1961a. Stand, yield and growth of elm in Iowa. F-158. Ames, IA: Iowa State University Extension Service. 17 p.
698	ULAM	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 68. Developed from: Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.
699	ULAM	50	Northern Wisconsin and Upper Michigan	Carmean, W.H., Hahn, J.T., and Jacobs, Rodney D. 1989. Site Index Curves for Forest Tree Species in the Eastern United States. Gen. Tech. Rep. NC-128. St. Paul, MN. 142 p.1989, p. 68. Developed from: Carmean, Willard H. 1978 Site index curves for northern hardwoods in northern Wisconsin and Upper Michigan. Res. Pap. NC-160. St.Paul, MN: U.S. Department of Agriculture, Forest Service, North Central Forest Experiment Station. 16 p.

NRV_SITE_INDEX_REF_CODES (cont.)

Reference	Species	Base Age	Locality	Reference-Author
700	MIXED	50	Region 5	1) Region 5 EXPAND program source code; 2) Dunning, D. 1933. Preliminary yield tables for second-growth stands in the California pine region. USDA Tech. Bull. No. 354.
701	BELE	50	Green Mountains of Vermont	Site-index curves for even-aged northern hardwoods in the Green Mountains of Vermont. Curtis, Robert O., Burlington, Vermont: Agricultural Experiment Station, University of Vermont and State Agricultural College, 1962. 11p.
702	PICO	100	Rocky Mountain, Intermountain, and Pacific Northwest Region	Alexander, Robert R., Tackle, David, Dahms, Walter G. 1967. Site Indexes for Lodgepole Pine, with Corrections for Stand Density. U.S. Forest Service Res Paper RM-29. 18 pp.
703	ABPR	100	Oregon and Washington	Demars, Donald J., Herman, Francis R., Bell, John F. 1970. Preliminary site index curves for noble fir from stem analysis data. U.S. Forest Service Res. Paper PNW-119.
705	PIPA2	50	Atlantic Coastal Plain	Schumacher, F.X. and T.S. Coile. 1960. Growth and Yields of Natural Stands of the Southern Pines. T.S. Coile, Inc., Durham, North Carolina.
706	PITA	50	Coastal Plain - From Chesapeake Bay to Mobile Bay	Schumacher, F.X. and T.S. Coile. 1960. Growth and Yields of Natural Stands of the Southern Pines. T.S. Coile, Inc., Durham, North Carolina.
707	PIEL	50	Total range	Schumacher, F.X. and T.S. Coile. 1960. Growth and Yields of Natural Stands of the Southern Pines. T.S. Coile, Inc., Durham, North Carolina.
708	PIEC2	50	Piedmont of North Carolina	Schumacher, F.X. and T.S. Coile. 1960. Growth and Yields of Natural Stands of the Southern Pines. T.S. Coile, Inc., Durham, North Carolina.
709	PISE	50	Coastal Plain of North and South Carolina and Georgia	Schumacher, F.X. and T.S. Coile. 1960. Growth and Yields of Natural Stands of the Southern Pines. T.S. Coile, Inc., Durham, North Carolina.
710	PICL	50	Ocala National Forest	Schumacher, F.X. and T.S. Coile. 1960. Growth and Yields of Natural Stands of the Southern Pines. T.S. Coile, Inc., Durham, North Carolina.
711	PSME	50	Western Oregon	King, J.E. 1966. Site index curves for Douglas-fir in the Pacific Northwest. Weyerhaeuser For. Pap No. 8. Centralia, WA. 49 p.
712	TSHE	50	Western Oregon	King, J.E. 1966. Site index curves for Douglas-fir in the Pacific Northwest. Weyerhaeuser For. Pap No. 8. Centralia, WA. 49 p.
713	ABGR	100	Pacific Northwest	McArdle, R.E.; Meyer, W.H.; Bruce, D. 1961. The yield of Douglas fir in the Pacific Northwest. 2nd rev. Tech. Bull. 201. 601 p.
714	PSME	100	Pacific Northwest	McArdle, R.E.; Meyer, W.H.; Bruce, D. 1961. The yield of Douglas fir in the Pacific Northwest. 2nd rev. Tech. Bull. 201. 601 p.

Reference	Species	Base Age	Locality	Reference-Author
715	TSME	100	Pacific Northwest	McArdle, R.E.; Meyer, W.H.; Bruce, D. 1961. The yield of Douglas fir in the Pacific Northwest. 2nd rev. Tech. Bull. 201. 601 p.
716	ABPR	100	Pacific Northwest	McArdle, R.E.; Meyer, W.H.; Bruce, D. 1961. The yield of Douglas fir in the Pacific Northwest. 2nd rev. Tech. Bull. 201. 601 p.
717	ABAM	100	Pacific Northwest	McArdle, R.E.; Meyer, W.H.; Bruce, D. 1961. The yield of Douglas fir in the Pacific Northwest. 2nd rev. Tech. Bull. 201. 601 p.
718	TSHE	100	Pacific Northwest	McArdle, R.E.; Meyer, W.H.; Bruce, D. 1961. The yield of Douglas fir in the Pacific Northwest. 2nd rev. Tech. Bull. 201. 601 p.

NRV_STATES

Stores the “first order subdivisions” of the United States, state information.

Name	Type	Description
STATE_CODE <i>Required</i>	VC(2)	Unique numeric code for each United States state and territory.
STATE <i>Required</i>	VC(2)	Alpha state name abbreviation.
STATE_NAME	VC(20)	Name of each United States state and territory.

State	State_ Code	State_Name	State	State_ Code	State_Name
AL	01	ALABAMA	NY	36	NEW YORK
AK	02	ALASKA	NC	37	NORTH CAROLINA
AZ	04	ARIZONA	ND	38	NORTH DAKOTA
AR	05	ARKANSAS	OH	39	OHIO
CA	06	CALIFORNIA	OK	40	OKLAHOMA
CO	08	COLORADO	OR	41	OREGON
CT	09	CONNECTICUT	PA	42	PENNSYLVANIA
DE	10	DELAWARE	RI	44	RHODE ISLAND
DC	11	DIST OF COLUMBIA	SC	45	SOUTH CAROLINA
FL	12	FLORIDA	SD	46	SOUTH DAKOTA
GA	13	GEORGIA	TN	47	TENNESSEE
HI	15	HAWAII	TX	48	TEXAS
ID	16	IDAHO	UT	49	UTAH
IL	17	ILLINOIS	VT	50	VERMONT
IN	18	INDIANA	VA	51	VIRGINIA
IA	19	IOWA	WA	53	WASHINGTON
KS	20	KANSAS	WV	54	WEST VIRGINIA
KY	21	KENTUCKY	WI	55	WISCONSIN
LA	22	LOUISIANA	WY	56	WYOMING
ME	23	MAINE	AS	60	AMERICAN SAMOA
MD	24	MARYLAND	FM	64	FED. ST. MICRONESIA
MA	25	MASSACHUSETTS	GU	66	GUAM
MI	26	MICHIGAN	MH	68	MARSHALL ISLANDS
MN	27	MINNESOTA	MP	69	NORTH MARIANA IS.
MS	28	MISSISSIPPI	PW	70	PALAU
MO	29	MISSOURI	PR	72	PUERTO RICO
MT	30	MONTANA	UM	74	U.S. MINOR OUTLYING
NE	31	NEBRASKA	VI	78	VIRGIN ISLANDS OF TH
NV	32	NEVADA			
NH	33	NEW HAMPSHIRE			
NJ	34	NEW JERSEY			
NM	35	NEW MEXICO			

NRV_SURFACE_COVER_TYPES

Ground surface cover information.

Name	Type	Description
CREATED_BY <i>Required</i>	VC(30)	The name of the person who created the record.
CREATED_DATE <i>Required</i>	DATE	The date the record was created.
CREATED_IN_INSTANCE <i>Required</i>	N(6)	The database ID where the record was created.
DESCRIPTION <i>Required</i>	VC(255)	Surface cover code description.
SURFACE_COVER_CODE <i>Required</i>	VC(4)	Unique code for each surface cover.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	VC(6)	The database ID where the record was modified.
ON_OFF	VC(3)	Flag to display (ON) or hide (OFF) individual surface cover codes.

Code	Description
ROCKS	
ROCK	Rock
RROC	Rock fragments > 19.1 mm (3/4 inch) in diameter
GRAV	Gravel (2-75 mm)
FIGR	Fine gravel (2-5 mm)
MEGR	Medium gravel (5-20 mm)
COGR	Course gravel (20-75 mm)
COBB	Cobbles (70-250 mm)
STON	Stones (round and flat)
ROST	Round stone (250-600 mm)
BOUL	Boulders (round and flat)
ROBO	Round Boulder (>600 mm)
CHAN	Channers (2-150 mm long)
FLAG	Flag stones (150-380 mm long)
FLBO	Flat boulders (>600 mm long)
FLST	Flat Stone (380-600mm long)
BEDR	Bedrock
PAVE	Pavement
WATER, SNOW, AND ICE	
WATE	Water
TRIC	Transient Ice
TRSN	Transient Snow
TRIS	Transient Ice and Snow
PEIC	Permanent Ice
PESN	Permanent Snow
PEIS	Permanent Ice and Snow
WOODY PIECES	
WOOD	Wood (> 1/4")

NRV_SURFACE_COVER_TYPES (cont.)

Code	Description
MOSS, LICHEN, FUNGI	
CRYP	Cryptogam
CML	Cryptogams, mosses, and lichens
LICH	Lichen, fungi, algae
MOSS	Moss
DUFF AND LITTER	
LITT	Litter (< ¼")
BASAL VEGETATION	
BAVE	Basal vegetation
BATR	Basal tree
BASH	Basal shrub
BAFO	Basal Forb
BAGR	Basal graminoid
OTHER	
ASH	Ash (organic, from fire)
BARE	Bare Soil (soil particles < 2 mm)
BARR	Barren
DEVP	Developed surface (other than road), i.e., buildings or other structures
NOIN	Not inventoried
ROAD	Road
TEPH	Tephra Volcanic
UNKN	Unable to determine

NRV_TREE_PART_CODES

Name	Size	Description
CREATED_BY <i>Required</i>	VC(30)	The name of the person who created the record.
CREATED_DATE <i>Required</i>	DATE	The date the record was created.
CREATED_IN_INSTANCE <i>Required</i>	N(6)	The database ID where the record was created.
DESCRIPTION <i>Required</i>	VC(255)	Tree part description.
TREE_PART_CODE <i>Required</i>	VC(2)	Make sure the CSE codes are identified.
MODIFIED_BY	VC(30)	The name of the person who modified the record.
MODIFIED_DATE	DATE	The date the record was modified.
MODIFIED_IN_INSTANCE	N(6)	The database ID where the record was modified.
ON_OFF	VC(3)	Flag to display (ON) or hide (OFF) individual references in the Interface pull-down lists. The default is "ON."

Tree Parts

Code	Description	Use
UN	Unspecified	CSE
TO	Top	CSE
FO	Foliar (Crown)	CSE
LI	Limb	CSE
BO	Bole, other than top or base	CSE
BA	Base	CSE
RO	Roots	CSE
WT	Whole tree	CSE
TT	Top third of crown	CSE
MT	Middle third of crown	CSE
BT	Bottom third of crown	CSE
TA	Above merchantable top	
TB	Below merchantable top	
RS	Root (exposed) and stump (up to 12 inches from ground level)	FIA
RL	Roots, stump, and lower bole	FIA
LB	Lower bole (lower half of bole between stump and base of live crown)	FIA
LU	Lower and upper bole	FIA
UB	Upper bole (upper half of bole between stump and base of live crown)	FIA
CS	Crown stem (main stem within the live crown)	FIA
BS	Buds and shoots of current year	FIA