

APPENDIX B

PARTIAL LIST OF GROUND COVER PLANTS FOR HIGHWAY PLANTING
(Submitted by Connecticut, Massachusetts, New Hampshire, and New York)

KEY

Plants Marked:

C - have been collected
N - commonly available
nursery grown

W - require moist soils
D - will grow on dry sites
T - will tolerate shade
S - require full sun

Average Spacing

1 - 1 to 2 feet
2 - 2 to 4 feet
3 - 3 to 5 feet

<u>Name</u>	<u>Symbol</u>	<u>Remarks</u>
<u>Low Shrubs</u>		
Acanthopanax sieboldianus	N-3T	Requires pruning for low height.
Aronia melanocarpa	N-1T	Tolerant as to shade and soil.
Black Chokeberry		
Ceanothus americanus	C-2D	Worthy of trial for massing on dry, sterile roadside areas.
Jerseytea Ceanothus		
Comptonia peregrina	C-2DS	Colonizes rapidly on gravel soils and open sterile wastes.
Sweetfern		
Cotoneaster horizontalis	N-2S	Also similar spp., pot grown.
Rock Cotoneaster		
Cytisus beani	N-1D	Dry sandy soil.
Beans Broom		
Diervilla lonicera	NC-3S	
Dwarf Bushhoneysuckle		
Euonymus nanus	N-2D	Good in dry ledge areas.
Dwarf Euonymus		
Gaylussacia baccata	C-2T	Variable rough ground cover on acid soils. Not used extensively.
Black Huckleberry		
Genista pilosa	N-1DS	Poor soil and sun.
Silkyleaf Woadwaxen		
Juniperus chinensis Pfitzer	N-1S	
Pfitzer Chinese Juniper		
Juniperus chinensis sargentii	N-3S	Will cover rough sunny areas.
Sargent Chinese Juniper		
Juniperus communis depressa	C-3S	Native of Connecticut uplands and pastures in open sun.
Oldfield Common Juniper		
Juniperus horizontalis vars.	N-3S	Will make dense carpets in sunny situations.
Creeping Juniper		
Kalmia angustifolia	CN-2WS	Straggling, small-lvd. plant.
Lambkill Kalmia		Can be massed in sunny locations.

DIVISION I (con't.)

Low Shrubs (con't.)

<i>Myrica pensylvanica</i> Northern Bayberry	CN-3DS	Colonizes on open sterile wastes.
<i>Rhododendron lapponicum</i> Lapland Rhododendron	N-1D	Good in rocky areas.
<i>Rhus aromatica</i> Fragrant Sumac	N-3DS	Colonizes on dry, rocky areas.
<i>Rosa species</i> Wild Roses	N-3S	May be used in masses as cover in sunny locations. Sand.
<i>Salix tristis</i> Dwarf Pussy Willow	N-3DS	Will cover open spots in dry, upland areas.
<i>Spiraea albiflora</i> Japanese White Spirea	N-1DS	
<i>Taxus canadensis</i> Canada Yew	N-3T	Burns badly in winter in open lo- cations. Difficult to establish
<i>Thuja occidentalis globosa</i> Tom Thumb Eastern Arborvitae	N-2S	
<i>Vaccinium angustifolium</i> Lowbush Blueberry	C-1DT	Excellent ground cover. Sun or shade.
<i>Vaccinium a. laevifolium</i> Smoothleaf Lowbush Blueberry	NC-2T	
<i>Viburnum opulus nanum</i> Dwarf Cranberrybush Viburnum	N-1T	
<i>Xanthorrhiza simplicissima</i> Yellowroot	N-2D	Spreads by suckers to make a solid ground cover.

Vines

<i>Ampelopsis brevipedunculata</i> Amur Ampelopsis	N-1D	Fall berry color excellent.
<i>Arctostaphylos uva-ursi</i> Bearberry	N-1D	Native to ledges & sand wastes. Should be pot-grown to transplant.
<i>Celastrus species</i> Bittersweet	CN-3T	Makes a rough tumbled mass.
<i>Clematis virginiana</i> Virginsbower	C-3T	Will clamber in wild, somewhat shaded situations.
<i>Euonymus fortunei (and vars.)</i> Wintercreeper Euonymus	N-1S	Hardy evergreen.
<i>Hedera helix baltica</i> Baltic Ivy	N-2T	Evergreen vine may be trained as ground cover.
<i>Lonicera japonica halliana</i> Halls Japanese Honeysuckle	N-2S	Rank grower. Withstands mowing to make a dense ground cover.
<i>Lonicera species</i>	N-1DS	
<i>Lycium chinense</i> Chinese Wolfberry	N-3S	Spreads rapidly without mainte- nance to cover rough areas.
<i>Parthenocissus species</i> Creeper	N-1DS	
<i>Vitis species</i> Grape	N-3T	For rough or rocky slopes. Dif- ficult to keep within bounds.

DIVISION I (con't.)

Herbaceous Perennials

Aegopodium podagraria	C-1TD	
Bishops Goutweed		
Dicksonia punctilobula	C-2S	Can be lifted in sods for covering sunny locations.
Hay-Scentedfern		
Hemerocallis species	NC-2DT	
Daylily		
Pachysandra terminalis	N-1T	Gardonesque evergreen ground cover for shade or sun.
Japanese Pachysandra		
Polystichum acrostichoides	C-2WT	Makes evergreen cover on moist wooded slopes.
Christmasfern		
Vinca minor	N-1TD	Low evergreen gardenesque ground cover. Slow to establish.
Common Periwinkle		

DIVISION II

(Submitted by Maryland, Ohio, Pennsylvania, and Virginia)

KEY

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- C - have been collected
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 T - will tolerate shade
 S - require full sun

Average Spacing

- 1 - 1 to 2 feet
 2 - 2 to 4 feet
 3 - 3 to 5 feet

<u>Name</u>	<u>Symbol</u>	<u>Remarks</u>
<u>Low Shrubs</u>		
Berberis julianae	N-3	Sandy loam.
Wintergreen Barberry		
Ceanothus americanus	C-2D	Does well in sun or shade on dry sites.
Jerseytea Ceanothus		
Clethra alnifolia	C-2W	Wet soil.
Summersweet Clethra		
Cotoneaster horizontalis	N-3DT	Rocky shale. Moist sandy soils.
Rock Cotoneaster		
Cytisus scoparius	N-3D	Sandy soil, dry rough sandy slopes.
Scotch Broom		
Diervilla lonicera	C-2D	Does well in variety soil conditions, particularly in northern tier counties
Dwarf Bushhoneysuckle		

DIVISION II (con't.)

Low Shrubs (con't.)

<i>Forsythia suspensa</i> Weeping Forsythia	N-3S	Does well in variety soil conditions.
<i>Ilex crenata</i> Japanese Holly	N-3D	Shade or sun.
<i>Ilex glabra</i> Inkberry	N-3D	Good undergrowth in open woodland.
<i>Juniperus horizontalis</i> Creeping Juniper	N-3D	Sandy loam. Will grow on dry sites.
<i>Juniperus squamata</i> Singleseed Juniper	N-3D	Dry sandy sites.
<i>Kalmia latifolia</i> Mountainlaurel	CN-2WT	Does best in sandy, well drained, acid soil. Partially shaded places.
<i>Pyracantha coccinea</i> Scarlet Firethorn	N-3D	Heavy loam, moist well drained soils.
<i>Robinia pseudoacacia</i> Black Locust	N-3DT	Sandy loam to silty clay, dry-moist. Sun or part shade.
<i>Robinia viscosa</i> Clammy Locust	N-3DT	Sandy loam to silty clay, dry-moist. Sun or part shade.
<i>Rosa multiflora</i> Japanese Rose	N-3D	Does well in variety soil conditions.
<i>Rosa rugosa</i> Rugosa Roses	N-3D	Sunny positions.
<i>Salix elaeagnos cincanal</i> Rosemary Willow	N-3DT	Sandy loam to silty clay, dry-moist. Sun or part shade.
<i>Salix mutabilis</i> Mutabilis Willow	N-3DT	Sandy loam to silty clay, dry-moist. Sun or part shade.
<i>Symphoricarpos orbiculatus</i> Indiancurrant Coralberry	CN-2DS	Will grow in shady or sunny locations. Well drained soil.
<i>Taxus cuspidata</i> Japanese Yew	N-3D	Tolerant of dry conditions.

Vines

<i>Campsis radicans</i> Common Trumpet creeper	C-3	Dry to moist well drained soil. Good for covering stone fences, etc.
<i>Celastrus scandens</i> American Bittersweet	N-2DT	Sun or shade, any soil. Does best in well drained soil, part shade.
<i>Euonymus fortunei radicans</i> Common Wintercreeper Euonymus	N-1WT	Sandy loam.
<i>Hedera helix</i> English Ivy	N-1WT	For covering walls, etc.
<i>Lonicera japonica halliana</i> Halls Japanese Honeysuckle	NC-3D	Tolerates many soil conditions. Sun or shade.
<i>Lycium chinense</i> Chinese Wolfberry	N-3D	Good for dry bank planting.

DIVISION II (con't.)

Vines (con't.)

Parthenocissus quinquefolia Virginia Creeper	N-2D	Dry sandy conditions
Pueraria thunbergiana Thunberg Kudzubean	C-3DT	Will grow almost anywhere. Very rapid grower.
Rosa setigera Prairie Rose	N-3DT	Sandy loam to silty clay, dry- moist. Sun or part shade.
Rosa wichuraiana Wichura Rose	N-3DT	Prefers N and E exposures on lighter soils. Useful on rocky cuts.

Herbaceous Perennials

Coronilla varia Crownvetch Coronilla	DS	Used with ryegrass or fescue. Does well under variety of soil conditions.
Hemerocallis fulva Tawny Daylily	CN-1DT	Provides excellent cover in many locations
Pachysandra terminalis Japanese Pachysandra	N-1D	Either dense shade or full sun.
Phlox subulata in var. Moss Phlox	N-1D	Dry or wet soil.
Rudbeckia hirta Blackeyesusan	C-2D	Meadows and mountain slopes.
Vinca minor Common Periwinkle	N-1WT	Best on N and E exposures with afternoon shade.
Yucca filamentosa Adamsneedle Yucca	N-2D	Dry banks.

DIVISION IV

(Submitted by Michigan, Indiana, and Kentucky)

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Average Spacing

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DIVISION IV (con't.)

<u>Name</u>	<u>Symbol</u>	<u>Remarks</u>
<u>Low Shrubs</u>		
Berberis thunbergii Japanese Barberry	NS-3	Used extensively in blvd. panels of divided lane highways.
Berberis thunbergii atropurpurea Redleaf Japanese Barberry	NS-3	Used extensively in blvd. panels of divided lane highways.
Chaenomeles lagenaria Pygmaea Pygmaea Floweringquince	NDTS-3	Used extensively in blvd. panels of divided lane highways.
Diervilla lonicera Dwarf Bushhoneysuckle	CDS-3	Used on light sandy slopes in rural areas.
Euonymus fortunei Wintercreeper Euonymus	NT-3	Rather refined plant. Used in blvd. panels in urban sections.
Hypericum densiflorum Dense St. Johnswort	NDS-3	Used on light sandy slopes in rural areas.
Lespedeza bicolor Shrub Lespedeza	NDS-3	Used on light sandy slopes in rural areas.
Myrica gale Sweetgale	NS-3	Used in blvd. panels of divided lane highways
Rubus nemorosus Caucasian Dewberry	NS-3	Vigorous grower on light sandy soils. Spiny--somewhat undesirable.
Salix purpurea nana Dwarf Purpleosier Willow	NDS-3	Used in blvd. panels of divided lane highways.
<u>Vines</u>		
Arctostaphylos uva-ursi Bearberry	CD-3	Grows native in Upper Peninsula on extremely sandy soil.
Campsis radicans Common Trumpet creeper	C-2DT	Moist sandy or alluvial soils.
Celastrus scandens American Bittersweet	CND-3	Found native throughout Michigan.
Lonicera japonica halliana Halls Japanese Honeysuckle	NS-3	Requires loamy soil.
Parthenocissus quinquefolia Virginia Creeper	CNT-3	Native of Michigan. Requires loamy soil.
Rosa wichuriana Wichura Rose	NS-3	Grows best on loamy soils in lower half of Lower Peninsula.
Vitis vulpina Frost Grape	ND-3	Nursery grown plants used with good results.
<u>Herbaceous Perennials</u>		
Comptonia peregrina Sweetfern	CS-3	Used on light sandy slopes in rural areas.
Coronilla varia Crownvetch Coronilla	ND-1	Used on light sandy slopes in rural areas.

DIVISION IV (con't.)

Herbaceous Perennials (con't.)

Phlox subulata alba White Moss Phlox	NDS-1	Used on light sandy slopes in rural areas.
Sedum stoloniferum coccineum Scarlet Running Stonecrop	ND-1	Used on light sandy slopes in rural areas.
Thymus serpyllum citriodorus Lemon Thyme	ND-1	Used on light sandy slopes in rural areas.
Vinca minor Common Periwinkle	GNT-3	

DIVISION V-A

(Submitted by Minnesota, North Dakota, and Wisconsin)

KEY

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nursery grown

- W- require moist soils
D - will grow on dry sites
T - will tolerate shade
S - require full sun

Average Spacing

- 1 - 1 to 2 feet
2 - 2 to 4 feet
3 - 3 to 5 feet

<u>Name</u>	<u>Symbol</u>	<u>Remarks</u>
<u>Low Shrubs</u>		
Berberis thunbergii Japanese Barberry	N-2WTS	Moist sandy soils.
Buddleia davidi and vars. Orangeeye Butterflybush	N-2S	Southern third of Minnesota
Calluna vulgaris Scotch Heather	C-2D	
Caragana pygmaea Pygmy Peashrub	N-1DTS	Alkali tolerant
Ceanothus americanus Jerseytea Ceanothus	N-2DS	Sandy soils.
Chaenomeles japonica alpina Alpine Japanese Floweringquince	N-3	Average soil.
Cornus stolonifera Redosier Dogwood	C-3W	
Deutzia gracilis Slender Deutzia	N-2S	Southern third of Minnesota
Euonymus alatus compactus Dwarf Winged Euonymus	N-2WS	

DIVISION V-A (con't.)

Low Shrubs (con't.)

<i>Forsythia suspensa fortunei</i>	N-2S	Southern third of Minnesota.
Fortune Weeping Forsythia		
<i>Gaultheria procumbens</i>	C-1D	Will tolerate shade.
Checkerberry Wintergreen		
<i>Hydrangea arborescens grandiflora</i>	N-2WTS	
Snowhill Hydrangea		
<i>Indigofera kirilowii</i>	N-2T	
Kirilow Indigo		
<i>Juniperus communis depressa</i>	N-2TS	
Oldfield Common Juniper		
<i>Juniperus horizontalis plumosa</i>	N-2TS	
Andorra Creeping Juniper		
<i>Juniperus sabina</i>	N-2S	
Savin Juniper		
<i>Ligustrum obtusifolium regelianum</i>	N-3TS	Southern third of Minnesota.
Regels Border Privet		
<i>Lonicera tibetica</i>	N-3D	
Tibet Honeysuckle		
<i>Mitchella repens</i>	C-1W	
Partridgeberry		
<i>Pinus mugo mughus</i>	N-3S	
Mugho Swiss Mountain Pine		
<i>Potentilla fruticosa</i>	N-2DS	Moist soils. Used only on lime stone soils.
Bush Cinquefoil		
<i>Prunus besseyi cistend</i>	N-2S	
Cistend Sand Cherry		
<i>Rhus aromatica</i>	C-2D	
Fragrant Sumac		
<i>Rhus trilobata</i>	N-2S	
Skunkbush Sumac		
<i>Ribes alpinum</i>	N-2TS	
Alpine Currant		
<i>Rosa rugosa (hybrids)</i>	N-3DS	Moist sandy soils
Rugosa Roses		
<i>Rosa setigera</i>	C-2D	
Prairie Rose		
<i>Salix tristis</i>	C-3D	
Dwarf Pussy Willow		
<i>Sambucus canadensis</i>	C-3WD	
American Elder		
<i>Sorbaria sorbifolia</i>	N-3TS	
Ural Falsespirea		
<i>Spiraea arguta</i>	N-2S	Southern two-thirds of Minne- sota.
Garland Spirea		
<i>Spiraea bumalda vars.</i>	N-2TS	
Anthony Waterer		

DIVISION V-A (con't.)

Low Shrubs (con't.)

<i>Spiraea prunifolia plena</i>	N-3S	
Double Bridalwreath Spirea		
<i>Symphoricarpos</i> in var.	N-2TS	
Common Snowberry		
<i>Taxus canadensis</i>	N-2WT	
Canada Yew		
<i>Thuja occidentalis</i>	C-2W	
Eastern Arborvitae		
<i>Viburnum dentatum</i>	C-3WD	
Arrowwood Viburnum		
<i>Viburnum lentago</i>	C-3T	
Nannyberry Viburnum		
<i>Viburnum prunifolium</i>	C-3D	
Blackhaw Viburnum		
<i>Weigela florida</i>	N-3TS	Southern third of Minnesota.
Oldfashioned Weigela		
<i>Xanthorhiza simplicissima</i>	C-2T	
Yellowroot		

Vines

<i>Arctostaphylos uva-ursi</i>	N-1T	Best on sandy soils.
Bearberry		
<i>Celastrus scandens</i>	N-3TS	
American Bittersweet		
<i>Euonymus obovatus</i>	N-2T	
Running Euonymus		
<i>Lonicera henryi</i>	N-2D	
Henry Honeysuckle		
<i>Lonicera japonica halliana</i>	N-2D	
Halls Japanese Honeysuckle		
<i>Lonicera sempervirens</i>	N-3TS	
Trumpet Honeysuckle		
<i>Lycium chinense</i>	N-3S	
Chinese Wolfberry		
<i>Menispermum canadense</i>	C-2T	
Common Moonseed		
<i>Parthenocissus quinquefolia engelmanni</i>	N-3TS	
Engelmann Virginia Creeper		

Herbaceous Perennials

<i>Achillea millefolium</i>	N-1DS	Northern half of Minnesota.
Common Yarrow		
<i>Adiantum pedatum</i>	N-1WT	Moist shady locations.
American Maidenhair Fern		
<i>Anaphalis margaritacea</i>	N-1DS	Northern half of Minnesota.
Common Pearl everlasting		
<i>Apocynum androsaemifolium</i>	N-1DS	
Spreading Dogbane		
<i>Asclepias tuberosa</i>	N-1DS	
Butterfly Milkweed		

DIVISION V-A (con't.)

Herbaceous Perennials (con't.)

Athyrium filixfemina Ladyfern	N-1ST	Grows in poor soil
Chrysopsis mariana Maryland Goldaster	N-LDS	Dry barren regions.
Comptonia peregrina Sweetfern	C-LDTS	Sandy soils.
Daucus carota Queen-Annes-Lace	N-LDS	
Delphinium virescens Plains Larkspur	N-LDTS	Rich light alkaline soil.
Dennstaedtia punctilobula Hayscentedfern	N-LDS	Grows in poor soil..
Epilobium angustifolium Fireweed	N-LDS	Roadsides-northern half of Minnesota.
Euphorbia cyparissias Cypress Euphorbia	N-LDS	Northern half of Minnesota.
Gaillardia aristata Common Perennial G.	N-LDS	
Geranium maculatum Spotted Geranium	N-LWT	Moist ground.
Linaria vulgaris Butter-and-Eggs Toadflax	N-LDS	Sandy soils.
Lupinus perennis Sundial Lupine	N-LDTS	Lime or acid ground. Northern half of Minnesota.
Osmunda cinnamomea Cinnamonfern	N-LWT	In fertile soils.
Osmunda claytoniana Interrupted-fern	N-LDST	
Phlox pilosa Downy Phlox	N-LDTS	Heavy soils.
Podophyllum peltatum Common Mayapple	N-LDTS	Sandy soils.
Polypodium vulgare Common Polypody	N-LDST	
Rosa blanda Meadow Rose	N-LWS	Rocky wet ground.
Rudbeckia hirta Blackeyedsusan	N-LDTS	Thrives well in any soil
Saponaria officinalis Bouncingbet	N-LDS	Waste places.
Tanacetum vulgare Common Tansy	N-LDS	Adaptable to poor soils.
Verbena hastata Blue Verbena	N-LDS	Dry sandy soil.
Vinca minor Common Periwinkle	N-LT	
Viola pedata Birdsfoot Violet	N-LDS	Sandy soil. Northern half of Minnesota.

DIVISION V-B

(Submitted by Kansas, Missouri, and Nebraska)

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Average Spacing

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<u>Name</u>	<u>Symbol</u>	<u>Remarks</u>
<u>Low Shrubs</u>		
Berberis thunbergii Japanese Barberry	N-3W	
Chaenomeles japonica Japanese Floweringquince	N-2WT	Suitable for slopes on shallow ditches and islands.
Juniperus chinensis Pfitzer Pfitzer Chinese Juniper	N-3DTS	Suitable for slopes on shallow ditches and islands.
Lonicera tatarica Tartarian Honeysuckle	N-3WT	With reasonable amount moisture will thrive in any heavy soil.
Rhus glabra Smooth Sumac	G-2DT	Does well on steep back slopes.
Ribes alpinum Alpine Currant	N-2T	
Rosa rugosa Rugosa Roses	CN-3DT	Subject to crown gall. Prefer heavy soil clay and loam.
Symphoricarpos albus Common Snowberry	N-2D	
Symphoricarpos chenaulti Chenault Coralberry	G-2D	Used in beds to outline traffic lanes at intersections. Kept low by shearing.
Symphoricarpos orbiculatus Indiancurrant Coralberry	CN-2D	A "pasture weed" in east half of Kansas.
<u>Vines</u>		
Celastrus scandens American Bittersweet	N-3D	
Lonicera japonica halliana Halls Japanese Honeysuckle	CN-2DTS	Very satisfactory to blanket rough, steep slopes.
Lycium chinense Chinese Wolfberry	N-3D	Plantings proved less valuable for erosion control than Jap. Honeysuckle.
Vitis vulpina Frost Grape	N-3T	

DIVISION V-B (con't.)

Herbaceous Perennials

Yucca filamentosa
Adamsneedle Yucca

N-2S

DIVISION VII

(Submitted by California and Nevada)

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<u>Low Shrubs</u>		
<i>Baccharis pilularis</i> Kidneywort Baccharis	C-2D (cuttings)	Drought resistant. Semi-hardy. Prostrate form.
<i>Eriogonum arborescens</i> Island Eriogonum	C-1DS (seed)	Drought resistant. Hardy.
<i>Eriogonum fasciculatum</i> Flattop Eriogonum	C-1DS (seed)	Drought resistant. Hardy.
<i>Juniperus chinensis</i> Pfitzer Pfitzer Chinese Juniper	N-2D	Irrigation to establish. Hardy.
<i>Lantana sellowiana</i> Trailing Lantana	N-1WS	Irrigation. Tender.
<u>Vines</u>		
<i>Hedera helix</i> English Ivy	N-1WT	Irrigation. Hardy.
<i>Ipomoea leari</i> Dawnflower Morningglory	N-2W	Irrigation. Tender.
<i>Lonicera japonica halliana</i> Halls Japanese Honeysuckle	N-1W	Irrigation. Hardy.
<i>Rosa wichuraiana</i> Wichura Rose	N-2D	Hardy. Irrigation to establish.
<i>Rubus ulmifolium inermis</i> Evergreen Thornless Blackberry	C-2D (cuttings)	Hardy. Irrigation to establish.

DIVISION VII (con't.)

Herbaceous Perennials

Ajuga reptans Carpet Bugle	N-LWT	Requires irrigation. Shade.
Atriplex semibaccata Australian Saltbush	C-ID (seed)	Drought resistant. Hardy.
Encelia californica California Encelia	C-LDS (seed)	Drought resistant. Tender.
Fragaria chiloensis Chilce Strawberry	N-LWT	Semi-hardy. Requires irrigation.
Gazania aurantiaca Gazania	N-LWS	Semi-hardy. Requires irrigation.
Hypericum calycinum Aaronsboard St. Johnswort	N-IDT	Hardy. Irrigation to establish.
Lippia canescens Creeping Lippia	N-ID	Semi-hardy. Drought resistant.
Mesembryanthemum edule Hottentotfig	C-LDS (cuttings)	Drought resistant. Tender. Seacoast.
Vinca major Bigleaf Periwinkle	N-LWT	Hardy. Irrigation to establish.
Vinca minor Common Periwinkle	N-LWT	Irrigation to establish. Hardy.

DIVISION VIII

(Submitted by Oregon and Idaho)

KEY

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<u>Name</u>	<u>Symbol</u>	<u>Remarks</u>
<u>Low Shrubs</u>		
Arctostaphylos nevadensis Pinemat Manzanita	N-ID	
Arctostaphylos patula Greenleaf Manzanita	N-2D	
Artemisia tridentata Big Sagebrush	C-3D	
Baccharis pilularis Kidneywort Baccharis	C-2DS	

DIVISION VIII (con't.)

Low Shrubs (con't.)

<i>Calluna vulgaris</i> vars.	N-1W
Scotch Heather	
<i>Gastanopsis sempervirens</i>	NC-3D
Sierra Evergreenchinkapin	
<i>Chaenomeles japonica alpina</i>	N-1W
Alpine Japanese Floweringquince	
<i>Chrysothamnus nauseosus</i>	C-3D
Rubber Rabbitbrush	
<i>Cotoneaster horizontalis</i>	N-2W
Rockspray Cotoneaster	
<i>Cotoneaster microphylla</i> and vars.	N-2W
Rock Cotoneaster	
<i>Cytisus beani</i>	N-1D
Beans Broom	
<i>Cytisus kewensis</i>	N-1S
Kew Broom	
<i>Cytisus purpureus</i>	N-1S
Purple Broom	
<i>Cytisus scoparius</i>	N-2S
Scotch Broom	
<i>Daboecia cantabrica</i>	N-1W
Bell Irishheath	
<i>Erica</i> (low species)	N-1W
Heath	
<i>Forsythia suspensa</i> vars.	N-2W
Weeping Forsythia	
<i>Gaultheria shallon</i>	CN-1W
Salal	
<i>Genista hispanica</i>	N-1DS
Spanish Woadwaxen	
<i>Hypericum calycinum</i>	N-1DT
Aaronsbeard St. Johnswort	
<i>Ilex crenata convexa</i> (bullata)	N-2W
Convexleaf Japanese Holly	
<i>Jasminum nudiflorum</i>	N-2W
Winter Jasmine	
<i>Juniperus chinensis sargentii</i>	N-1D
Sargent Juniper	
<i>Juniperus communis depressa</i>	N-2D
Oldfield Common Juniper	
<i>Juniperus conferta</i>	N-1D
Shore Juniper	
<i>Juniperus horizontalis</i> and vars.	N-1D
Creeping Juniper	
<i>Juniperus sabina</i> Tamarix	N-2D
Tamarix Savin Juniper	

DIVISION VIII (con't.)

Low Shrubs (con't.)

<i>Ledum glandulosum</i>	C-2W	
Western Ledum		
<i>Lonicera pileata</i>	N-2D	
Privet Honeysuckle		
<i>Mahonia aquifolium</i>	N-3W	
Oregongrape		
<i>Mahonia repens</i>	C-1W	
Creeping Mahonia		
<i>Pachistima myrsinites</i>	N-1DT	Prefers light well drained, slightly acid soil.
Myrtle Pachistima		
<i>Picea abies procumbens</i>	N-3W	
Prostrate Norway Spruce		
<i>Pinus mugo mughus</i>	N-2D	
Mugho Swiss Mountain Pine		
<i>Rhus species</i>	N-2D	
Sumac		
<i>Rosa rugosa hybrids</i>	N-3D	
Rugosa Rosas		
<i>Symphoricarpos mollis</i>	CN-2W	
Spreading Snowberry		
<i>Vaccinium vitis-idaea</i>	N-1W	Bog or very moist soil.
Cowberry		

Vines

<i>Arctostaphylos uva-ursi</i>	N-1S
Bearberry	
<i>Celastrus scandens</i>	N-2D
American Bittersweet	
<i>Clematis ligusticifolia</i>	C-2D
Western Virginibowor	
<i>Clematis paniculata</i>	N-2T
Sweetautumn Clematis	
<i>Cotoneaster dammeri</i>	N-1W
Bearberry Cotoneaster	
<i>Euonymus fortunei radicans</i>	N-1W
Common Wintercreeper Euonymus	
<i>Hedera helix</i> and vars.	N-1T
English Ivy	
<i>Lonicera ciliosa</i>	C-1D
Western Trumpet Honeysuckle	
<i>Lonicera hispidula</i>	C-1T
Hairy Honeysuckle	
<i>Lonicera japonica halliana</i>	N-1W
Halls Japanese Honeysuckle	
<i>Parthenocissus species</i>	N-2D
Virginia Creeper; Boston Ivy	

DIVISION VIII (con't.)

Vines (con't.)

Polygonum auberti N-2D
 Silvertine Fleecflower

Herbaceous Perennials

Achillea lanulosa C-1S
 Western Yarrow

Anaphalis margaritacea C-1 Well drained to moist soils.
 Common Pearleverlasting

Asarum caudatum C-1TW
 British Columbia Wildginger

Fragaria chiloensis C-1W
 Chiloe Strawberry

Lathyrus latifolius N-1W Reseeds itself.
 Perennial Peavine

Linnaea borealis americana C-1WT
 American Twinflower

Lupinus arboreus and other species C-2D
 Tree Lupine

Micromeria chamissonis C-1W
 Yerbabuena

Pachysandra terminalis N-1T
 Japanese Pachysandra

Polypodium glycyrrhiza C-1W
 Licoricefern

Polystichum munitum N-1T Well drained slopes.
 Western Swordfern

Sedum spathulifolium C-1D
 Broadleaf Stonecrop

Vinca major N-1W
 Bigleaf Periwinkle

Vinca minor N-1W
 Common Periwinkle

Xerophyllum tenax CN-1DT Well drained slopes.
 Common Beargrass