APPENDIX A RECOMMENDED PLANTS AND TREES

The matrix included in this appendix was developed by Robie Wilson Litchfield, a vegetation expert from the Tahoe Region, and one of the Placer LID Guidebook Technical Advisory Committee members.

The information is intended as a general guide for identifying plants and trees likely to be suitable for use in LID site design in the High Sierra areas of Placer County, the focus area for this Guidebook. The information is not exhaustive, and is not a substitute for the planting recommendations of a qualified landscape professional who is familiar with LID and has conducted a site and design-specific evaluation of project conditions.

Plant Sel	ection Guidance fo	or Low Impact Development I	Fea	ture	es ir	the Placer Co	unt	y S	ierr	a N	leva	ada			
	PLANTS	1	Int	ough unda derai	tion	Defensible Space Considerations ³	Ori	gin			lity f Fe uidel	atur	es		
			10	lerai	ice	Considerations	UI	giii	(se	פ טנ	lidei	JOUR	CIIC	ipte	ارد
Scientific Name	Common Name	Optimal Site Conditions Habitat/water requirements, sun, shade, part shade, special notes	Tolerant of both Wet and Dry Periods	Better with Supple-mental Irrigation	Requires Supplemental Irrigation	Fire Hazard	Native	Adapted Non-Native	RM-1 Disconnected Flow Paths	RM-2 Suitable for Snow Storage	RM-4 Bioretention	RM-5 Vegetated Filter Strips	RM-6 Grass Swale or Vegetated Swale	RM-7 Permeable Pavement	RM-8 Green Roof
		Shrubs	1	1		1	ı	ı	ı	ı					
Acer circinatum	Vine Maple	wet to moderately wet, shade to part sun, accent, California native	•	•	•	•		•							
Acer ginnala	Amur Maple	moderately wet, sun to part shade	•	•	•	Unknown		•							
Acer glabrum	Rocky Mountain Maple	wet to moderately wet, part shade	0	•	0	Unknown	•		•		•				
Alnus tenuifolia	Mountain Alder	wet, sun to part shade	•	•	0	0	•		•		•				
Amelanchier alnifolia	Western Serviceberry	moderately wet to dry, sun to part shade	•	•	0	Unknown	•		•		•	•			
Arctostaphylos patula	Greenleaf Manzanita	dry, sun, rarely available	•	0	0	•	•			•					
Artemisia tridentata	Sagebrush	dry, sun	0	0	0	•	•			•					
Betula occidentalis	Western River Birch	wet to moderately wet, sun to part shade	•	•	•	0	•		•	•	•				
Ceanothus cordulatus	Mountain Whitethorn	moderately wet to dry, pale yellow sun to part shade	0	0	0	•	•			•					
Chrysolepis sempervirens	Chinquapin	moderately wet to dry, sun	0	0	0	•	•			•					
Chrysothamnus nauseosus	Rabbitbrush	dry, sun	0	0	0	•	•			•		•			
Cornus sericea	Redstem Dogwood	wet to moderately wet, sun to part shade	•	•	•	0	•		•	•	•				
Holodiscus discolor	Creambush	moderately wet to dry, white sun to part shade	•	•	0	Unknown	•				•				
Lonicera involucrata	Twinberry	wet to moderately wet, part shade	•	•	0	Unknown	•		•	•	•				
Lonicera tatarica	Tatarian Honeysuckle	wet to moderately wet, full sun to part shade, poisonous berries	•	•	•	Unknown		•			•				
Physocarpus capitatus	Ninebark	wet to moderately wet, sun to part shade	0	•	•	Unknown		•						$oxed{oxed}$	
Pinus mugo mugo	Dwarf Mugo Pine	moderately wet to dry, sun to part shade	0	•	•	•		•		•				$oxed{oxed}$	
Potentilla fruticosa	Shrubby Cinquefoil	wet to moderately wet, sun to part shade, many cultivars	0	•	•	Unknown	•		•	•					
Prunus cistena	Western Sandcherry	moderately wet, sun to part shade, unsuitable for upper elevation snow loads	•	•	•	0		•							

			Dro	ough	t &				Sui	tabi	lity f	or L	lse v	vith	LID
	1		Inu	ndat	ion	Defensible Space					Fe	atui	es		
	PLANTS ¹		Tol	eran	ce²	Considerations ³	Ori	gin	(se	e Gı	uidek	oool	Cha	pte	r 3)
Scientific Name	Common Name	Optimal Site Conditions Habitat/water requirements, sun, shade, part shade, special notes	Tolerant of both Wet and Dry Periods	Better with Supple-mental Irrigation	Requires Supplemental Irrigation	Fire Hazard	Native	Adapted Non-Native	RM-1 Disconnected Flow Paths	RM-2 Suitable for Snow Storage	RM-4 Bioretention	RM-5 Vegetated Filter Strips	RM-6 Grass Swale or Vegetated Swale	RM-7 Permeable Pavement	RM-8 Green Roof
	Inv.	Shrubs		l _		·		1				ſ	ſ		
Prunus emarginata	Bittercherry	moderately wet, sun to part shade	•	0	0	Unknown	•			•	•			<u> </u>	
Prunus virginiana var. demissa	Western Chokecherry	moderately wet, sun to part shade	•	•	0	Unknown	•		•	•	-			<u> </u>	
Purshia tridentata	Bitterbrush	dry, sun	0	0	0	•	•			•	-			<u> </u>	
Quercus vaccinifolia	·	moderately wet to dry, sun	0	0	0	•	•				-			<u> </u>	
Rhamnus rubra	Sierra Coffeeberry	moderately wet to dry, sun	0	0	0	Unknown	•				<u> </u>			<u> </u>	-
Rhus trilobata	Skunkbrush Sumac	moderately wet to dry, sun to part shade	0	0	0	Unknown		•		•	<u> </u>			<u> </u>	-
Ribes alpinum	Alpine Currant	wet to moderately wet, sun to part shade	•	•	•	0	•			•	<u> </u>			<u> </u>	-
Ribes aureum	Golden Currant	moderately wet to dry, sun to part shade	0	•	•	Unknown		•		•	<u> </u>			<u> </u>	+
Ribes cereum		moderately wet to dry, sun	0	0	0	Unknown		•		•	<u> </u>			<u> </u>	ļ
Ribes nevadense	Sierra Currant (Mountain Pink Currant)	wet to moderately wet, sun part shade	•	•	0	Unknown	•		•	•	•	•			
Ribes roezlii	Sierra Gooseberry	moderately wet to dry, sun to part shade	•	0	0	Unknown	•			•	<u> </u>	•		<u> </u>	•
Ribes viscosissimum	Sticky Currant	moderately wet to dry, sun	•	0	0	Unknown	•							<u> </u>	
Rosa rubrifolia	Redleaf Rose	moderately wet, sun to part shade	•	•	0	Unknown		•		•	<u> </u>			<u> </u>	
Rosa rugosa	Tomatoe Rose	moderately wet, sun to part shade, accent	•	•	0	0		•		•	•	•			
Rosa woodsii	Wood's Rose	moderately wet, pink sun to part shade	•	0	0	Unknown	•		•	•	•	•			
Salix exigua	Narrow-leaved Willow	wet, sun to part shade, SEZ, invasive	•	•	0	0	•		•						
Salix geyeriana	Geyer's Willow	wet, sun to part shade, SEZ	•	•	0	0	•		•						
Salix lemmonii	Lemmon's Willow	wet, sun to part shade, SEZ	•	•	0	0	•		•	•					
Salix purpurea 'nana'	Dwarf Arctic Willow	wet to moderately wet, sun to part shade	0	•	•	0		•	•						
Salix scouleriana	Scouler's Willow	wet to moderately wet, sun to part shade	•	•	0	0	•		•	•					
Sambucus cerulea mexicana	Blue Elderberry	wet to dry, sun to part shade	•	0	0	Unknown	•			•		•			
Sambucus racemosa	Red Elderberry	wet to moderately wet, sun to part shade	•	0	0	Unknown	•			•					
Sorbus californica	Mountain Ash	wet to moderately wet, part shade, rarely available	•	•	•	Unknown	•		•	_	•				

	PLANTS ¹		Int	ough indat lerar	tion	Defensible Space Considerations ³	Ori	igin			Fe	atur	es	vith L opter	
Scientific Name	Common Name	Optimal Site Conditions Habitat/water requirements, sun, shade, part shade, special notes	Tolerant of both Wet and Dry Periods	Better with Supple-mental Irrigation	Requires Supplemental Irrigation	Fire Hazard	Native	Adapted Non-Native	RM-1 Disconnected Flow Paths	RM-2 Suitable for Snow Storage	RM-4 Bioretention	RM-5 Vegetated Filter Strips	RM-6 Grass Swale or Vegetated Swale	RM-7 Permeable Pavement	RM-8 Green Roof
Spiraea densiflora	Mauntain Cairea	Shrubs	_			Links		1	_	_	_				\dashv
Spiraea spp.	Mountain Spirea Spirea species - Snowmound, Goldflame, etc	wet to moderately wet, sun to part shade wet to moderately wet, sun to part shade,many varieties	0	•	•	Unknown Unknown	•	•	•	•	•				•
Symphoricarpos albus var. laeviga	t Snowberry	wet to moderately wet, sun to part shade	0	•	0	Unknown		•	•	•	•				
Syringa spp	Lilac Hybrids	moderately wet, sun to part shade, accent, many cultivars	0	•	•	0									
Syringa vulgaris	Common Lilac	moderately wet, sun to part shade, accent	0	•	•	0		•							
		Perennials and Annu	als												
Viburnum spp.	Viburnum species	moderately wet, sun to part shade, many species and cultivars	•	•	•	Unknown		•							
Aconintum napellus	Monkshood	wet to moderately wet, part shade	•	•	0	0		•	•	•	•				
Aconitum columbianum	Columbian Monkshood	wet to moderately wet, part shade	•	•	•	0	•		•	•					
Aquilegia formosa	Crimson/Western Columbine	wet to moderately wet, sun to part shade	•	•	0	0	•		•	•	•				
Aquilegia spp.	Columbine	moderately wet, sun to part shade, many cultivars	•	•	•	0			•	•	•				
Arnica chamissonis ssp. foliosa	Arnica	moderately wet, sun	•	•	0	0	•			•	•				
Aster occidentalis	Western Mountain Aster	wet to moderately wet, sun to part shade	•	•	0	0			•	•	•	•	•		
Aster species	Aster	wet to moderately wet, sun to part shade, many cultivars	•	•	•	0	•	•	•	•	•				
Astilbe chinensis	Meadowsweet	moderately wet, shade to part shade, accent	0	•	•	0		•	•	•	•				
Balsamorhiza sagittata	Arrowleaf Balsam Root	moderately wet to dry, sun to part shade	•	•	0	0	•			•	•	•	•		
Delphinium glaucum	Mountain Larkspur	wet to moderately wet, sun to part shade	•	•	0	0	•		•	•	•				
Delphinium spp.	Larkspur/Delphinium	wet to moderately wet, sun to part shade, many cultivars, accent	•	•	•	0		•	•	•	•				
Dianthus spp.	Sweet William, Pinks	moderately wet sun to part shade	0	•	•	0		•	•	•	•				
Dicentra spp.	Bleeding Heart	moderately wet, shade, accent	0	•	•	0	•		•	•	•				

	PLANTS ¹		Inu	ough Indat Ieran	tion	Defensible Space Considerations ³	Ori	gin		itabi e Gu	Fe	atur	es		
Scientific Name	Common Name	Optimal Site Conditions Habitat/water requirements, sun, shade, part shade, special notes	Folerant of both Wet and Dry Periods	Better with Supple-mental Irrigation	Requires Supplemental Irrigation	Fire Hazard	Native	Adapted Non-Native	RM-1 Disconnected Flow Paths	RM-2 Suitable for Snow Storage	RM-4 Bioretention	RM-5 Vegetated Filter Strips	RM-6 Grass Swale or Vegetated Swale	RM-7 Permeable Pavement	RM-8 Green Roof
		Perennials and Annu	als												
Digitalis spp.	Foxglove	moderately wet, sun to part shade, accent	•	•	0	0		•	•	•	•				
Echinacea purpurea	Purple Coneflower	moderately wet to dry, sun, accent	•	•	0	○ / •		•		•	•	•			
Epilobium angustifolium	Fireweed	wet to moderately wet, sun to part shade	•	•	0	0	•		•	•	•	•	•		
Epilobium canum spp latifolium	California Fuchsia	moderately wet to dry, sun	0	0	0	0	•			•					•
Eriogonum umbellatum	Sulphur-Flower Buckwheat	sun, dry	0	0	0	0	•	•		•					•
Eschscholzia californica	California Poppy	moderately wet to dry, sun to part shade, annual	0	•	0	0	•			•	•	•			•
Gaillardia spp.	Blanket Flower	moderately wet to dry, sun to part shade	0	•	0	0		•		•					•
Geranium richardsonii	Richardson's Cranesbill	wet to moderately wet, part shade	•	•	•	0	•			•	•				
Geranium spp.	Hardy/Cranesbill Geranium	wet to dry, sun to part shade	•	•	0	0		•	•	•	•	•	•		
Gilia agregata	Scarlet Gilia	moderately wet to dry, sun to part shade	0	0	0	0		•		•					ļ
Hemerocallis spp.	Daylily species	moderately wet, sun to part shade, many cultivars, accent	0	•	•	0		•	•	•	•				
Hemerocallis 'Stella D'Oro'	Stella D'Oro Daylily	yellow sun to part shade, 12-14'	•	•	•	0		•	•	•	•				•
Heracleum lanatum	Cow Parsnip	wet to moderately wet, sun to part shade	•	•	0	0	•		•	•	•			<u> </u>	
Heuchera species	Coral Bells, Alumroot	wet to moderately wet, shade to part shade	0	•	•	0		•		•	•			<u> </u>	
Iberis sempervirens	Candytuft	moderately wet to dry, sun, accent	•	•	0	Unknown		•		•				<u> </u>	•
Iris missouriensis	Western Blue Flag Iris	wet to moderately wet, sun to part shade	•	•	0	0	•		•	•	•	•	•	<u> </u>	
Iris spp.	Bearded Iris, Siberian Iris,	wet to dry, sun to part shade, many cultivars, accent	0	•	•	0		•		•					
Lavandula angustifolia	English Lavander	dry, sun	0	•	0	0		•		•					•
Leucanthemum x superbum	Shasta Daisy	moderately wet to dry, sun to part shade	•	•	0	0		•		•					
Ligularia stenocephala	Ligularia 'The Rocket'	wet to moderately wet, shade, accent	0	•	•	0		•	•	•	•				
Lilium pardalinum	Leopard Lily	wet, sun to part shade	•	•	0	0	•		•	•	•				ı

	PLANTS ¹		Inc	ough inda lerar	tion	Defensible Space Considerations ³	Ori	gin			Fe	atui	es	vith I	
Scientific Name	Common Name	Optimal Site Conditions Habitat/water requirements, sun, shade, part shade, special notes	Tolerant of both Wet and Dry Periods	Better with Supple-mental Irrigation	Requires Supplemental Irrigation	Fire Hazard	Native	Adapted Non-Native	RM-1 Disconnected Flow Paths	RM-2 Suitable for Snow Storage	RM-4 Bioretention	RM-5 Vegetated Filter Strips	RM-6 Grass Swale or Vegetated Swale	RM-7 Permeable Pavement	RM-8 Green Roof
		Perennials and Annu	als												
Lilium parvum	Alpine Lily	wet to moderately wet, sun to part shade	•	•	0	0	•		•	•	<u> </u>				
Lilium spp	Asiatic, Ornmental Hybrid Lily	wet to moderately wet, sun to part shade, many cultivars, accent	0	•	•	0		•		•					
Linum lewisii	Mountain Blue Flax	moderately wet to dry, sun	•	0	0	0	•			•		•			•
Lupinus breweri	Brewer's Lupine	dry, sun	•	0	0	0	•			•	<u> </u>	•			•
Lupinus polyphyllus	Large-leaved Lupine	wet to medium, sun to part shade	•	•	0	0	•		•	•	•		•		
Lupinus spp.	Lupine	moderately wet to dry, many species and cultivars, accent	0	•	•	0		•		•					
Mimulus guttatus	Yellow Monkeyflower	wet to moderately wet, shade to sun	•	•	0	0	•		•	•	•		•		
Mimulus lewisii	Lewis' Monkeyflower	wet to moderately wet, shade to part shade	•	•	0	0		•	•	•	•				
Monarda didyma	Bee Balm	moderately wet, part shade	•	•	•	0		•		•	•				
Monardella odoratissima	Mountain Pennyroyal	dry, sun	0	0	0	0	•			•					•
Paeonia spp.	Peony	wet to moderately wet, sun to part shade, many cultivars, accent	0	•	•	0		•		•					
Papaver oriental	Oriental Poppy	moderately wet to dry, sun to part shade, accent	•	•	0	0		•		•					1
Penstemon azureus	Azure Penstemon	moderately wet, sun	•	0	0	0	•			•					•
Penstemon heterodoxus	Whorled Penstemon	moderately wet to dry, sun to part shade	•	•	0	0	•		•	•	•		•		•
Penstemon newberryi	Mountain Pride Penstemon	moderately wet to dry, sun to part shade	0	0	0	0	•			•					•
		Trees													
Penstemon rydbergii	Meadow Penstemon	wet to moderately wet, sun to part shade	•	•	0	0	•		•	•	•		•		
Penstemon strictus	Rocky Mountain Penstemon	moderately wet to dry, sun to part shade	0	•	0	0		•		•	•				
Phlox paniculata	Garden Phlox	moderately wet to dry, sun to part shade	•	•	0	0		•		•	•				
Polemonium occidentale	Jacob's Ladder	wet to moderately wet, shade to part shade	•	•	0	0		•	•	•	•				
Potentilla glandulosa	Sticky Cinquefoil	wet to moderately wet, sun to part shade	•	•	0	0	•		•	•	•		•		•

	PLANTS ¹		Int	ough unda lerar	tion	Defensible Space Considerations ³	Ori	igin			Fe	atur	Jse v es c Cha		
Scientific Name	Common Name	Optimal Site Conditions Habitat/water requirements, sun, shade, part shade, special notes	Tolerant of both Wet and Dry Periods	Better with Supple-mental Irrigation	Requires Supplemental Irrigation	Fire Hazard	Native	Adapted Non-Native	RM-1 Disconnected Flow Paths	RM-2 Suitable for Snow Storage	RM-4 Bioretention	RM-5 Vegetated Filter Strips	RM-6 Grass Swale or Vegetated Swale	RM-7 Permeable Pavement	RM-8 Green Roof
		Trees				T		1					1		
Potentilla gracilis var. fastigiata	Graceful Cinquefoil	wet to moderately wet, part shade	•	•	0	0	•		•	•	•			<u> </u>	•
Rubus parviflorus	Thimbleberry	wet to moderately wet, sun to part shade	•	•	0	0	•		•	•	•	•	•	<u> </u>	•
Solidago canadensis	Canada Goldenrod	moderately wet, sun	•	0	0	0		•		•					
Stachys byzantia	Lamb's Ear	moderately wet to dry, sun to part shade, groundcover type habit, accent	•	0	0	0		•		•					
Abies concolor	White Fir	moderately wet, sun to part shade, plant 5g or smaller	0	•	0	•	•								
Abies magnifica	Red Fir	moderately wet, shade to sun, slow growing	•	•	0	•	•								
Acer ginnala	Amur Maple	moderately wet, sun to part shade, shrub habit - prune to multi-stemmed tree	0	•	•	Unknown		•	•						
Betula occidentalis fonanalis	Western River Birch	wet to moderately wet, sun to part shade, shrub habit - prune to multi-stemmed tree, plant from high elevation seed source	•	•	0	0	•		•	•	•				
Calocedrus decurrens	California Incense Cedar	moderately wet to dry, sun to part shade	0	•	0	•	•								
Crataegus spp.	Hawthorn	moderately wet, sun to part shade, many cultivars, accent	0	•	•	Unknown		•							
Juniperus occidentalis var. occident	Western Juniper	dry, sun, slow growing	0	•	0	•	•								
Malus spp.	Crabapple species	moderately wet, sun to part shade, many cultivars, accent	0	•	0	Unknown		•	•						
Pinus contorta var. murrayana	Lodgepole Pine	wet to dry, sun to part shade	•	•	•	•	•		•						
Pinus jeffreyi	Jeffrey Pine	moderately wet to dry, sun to part shade	•	•	0	•	•							<u> </u>	
Pinus lambertiana	Sugar Pine	moderately wet, generally	•	•	0	•	•							<u> </u>	
Pinus ponderosa	Ponderosa Pine	moderately wet to dry, sun to part shade	•	•	0	•	•								
Populus tremuloides	Quaking Aspen	wet to moderately wet, sun to part shade, SEZ, invasive roots	0	•	•	0	•		•		•				
Populus trichocarpa	Black Cottonwood	wet, sun to part shade SEZ, invasive roots	•	•	•	Unknown	•		•		•				

			Dr	ough	t &				Sui	itabi	lity f	or U	Jse w	vith	LID
	1		lnι	ındat	tion	Defensible Space						atur			
	PLANTS ¹		То	lerar	ıce²	Considerations ³	Ori	igin	(se	e Gı	uidel	oool	c Cha	pte	r 3)
Scientific Name	Common Name	Optimal Site Conditions Habitat/water requirements, sun, shade, part shade, special notes	rolerant of both Wet and Dry Periods	Better with Supple-mental Irrigation	Requires Supplemental Irrigation	Fire Hazard	Native	Adapted Non-Native	RM-1 Disconnected Flow Paths	RM-2 Suitable for Snow Storage	RM-4 Bioretention	RM-5 Vegetated Filter Strips	RM-6 Grass Swale or Vegetated Swale	RM-7 Permeable Pavement	RM-8 Green Roof
Scientific Name	Common Name	Trees	ř	ă	ž	证	Ž	ď	₩	₹	~	~	~	~	~
		wet to moderately wet, sun/part shade, prune													\Box
Salix scouleriana	Scouler's Willow	to multi-stemmed tree	•	•	0	0	•			•	•				
Sequoiadendron giganteum	Giant Sequoia	moderately wet, sun to part shade, California Native	0	•	0	Unknown		•	•						
	1	Groundcovers				1			1						
Sorbus aucuparia	European Mountain Ash	moderately wet, sun to part shade, accent , protect from Sap Suckers	0	•	•	•		•							
Aegopodium podagraria 'variegatu	Bishop's Weed	wet to moderately wet, shade to part shade, aggressive	0	•	•	0	•			•					
Arctostphyllos nevadensis	Pinemat Manzanita	dry, sun, rarely available	0	0	0	•				•					
Arctostphyllos uva-ursi	Bearberry Manzanita, Kinnikinnick	moderately wet to dry, sun to part shade	0	•	0	•		•		•					•
Asperula odorata	Sweet Woodruff	wet to moderately wet, shade to part shade, fast	0	•	•	0	•			•					
Bergenia spp.	Bergenia	moderately wet, shade to part shade	0	•	•	0		•		•	•				
Ceanothus prostratus	Mahala Mat (Squaw Carpet)	moderately wet to dry, sun to part shade	0	0	0	Unknown	•			•		•			
Cotoneaser dammeri	cultivars 'Eicholz', 'Coralberry', 'Bearberry'	moderately wet to dry, sun to part shade	0	•	•	Unknown	•			•					•
Dianthus spp.	Creeping Pinks	moderately wet, sun to part shade	0	•	•	0		•		•	•				•
Erigeron coulteri	Coulter's Daisy	wet to moderately wet, sun	•	•	0	0	•			•	•		•	•	•
Eriongonum umbellulatum	Sulphur-Flower Buckwheat	dry, sun	0	0	0	Unknown	•			•					•
Fragaria vesca	Wood Strawberry	wet to moderately wet, part shade	0	•	0	0	•			•	•				•
Fragaria virginiana	Mountain Strawberry	wet to moderately wet, sun to part shade	0	•	0	0		•	•	•	•				•
Lupinus breweri	Brewer's Lupine	dry, sun	0	0	0	0	•			•		•			•
Penstemon newberryi	Mountain Pride	moderately wet to dry, sun	0	0	0	0	•			•					•

	PLANTS ¹		Inc	ough indat lerar	tion	Defensible Space Considerations ³	Ori	igin			Fe	atur	Jse w res c Cha		
Scientific Name	Common Name	Optimal Site Conditions Habitat/water requirements, sun, shade, part shade, special notes	Tolerant of both Wet and Dry Periods	Better with Supple-mental Irrigation	Requires Supplemental Irrigation	Fire Hazard	Native	Adapted Non-Native	RM-1 Disconnected Flow Paths	RM-2 Suitable for Snow Storage	RM-4 Bioretention	RM-5 Vegetated Filter Strips	RM-6 Grass Swale or Vegetated Swale	RM-7 Permeable Pavement	RM-8 Green Roof
	_	Groundcovers	1	,	1			1	ı						
Phlox subulata	Creeping Phlox	moderately wet to dry, sun	0	•	0	Unknown		•		•					•
Potentilla verna	Creeping Cinquefoil	wet to moderately wet, sun to part shade, moderate traffic tolerance	0	•	•	0		•	•	•	•		•	•	•
Rubus parviflorus	Thimbleberry	wet to moderately wet, part shade	•	•	0	0	•		•	•	•	•	•		•
	T	Grasses		_		1									
Sedum spp.	Stonecrop	dry, sun	0	•	0	0		•		•	•				•
Symphoricarpos mollis	Creeping Snowberry	moderately wet to dry, part sun	•	•	0	Unknown	•			•		•			•
Symphoricarpos sp.	Hancock Coralberry	moderately wet to dry, part sun	•	•	0	Unknown	•			•		•		Ш	•
Thymus serpyllum	Creeping Thyme	moderately wet to dry, sun to part shade	•	•	0	0		•		•				•	•
Veronica prostrata	Creeping Speedwell	wet to medium, sun to part shade, moderate traffic tolerance	0	•	•	0		•	•	•		•	•	•	•
Agrostis scabra	Ticklegrass	wet to dry, sun part shade	•	•	0	0	•		•	•		•	•		•
Agrostis stolonifera 'Penncross'	Creeping Bentgrass	moderately wet to wet,sun, turf	0	•	•	0		•	•	•	•	•	•	•	
Bromus carinatus	Mountain/California Brome	moderately wet to dry, sun to part shade	•	0	0	0	•		•	•	•	•	•		
Carex athrostachya	Slender Beaked Sedge	wet to dry, sun part shade	•	•	0	0	•		•	•		•		•	•
Carex nebraskensis	Nebraska Sedge	wet to dry, sun part shade	•	•	0	0	•		•	•		•	•	•	
Deschampsia cespitosa	Tufted Hair Grass	moderately wet to wet, sun part shade	•	•	0	0	•		•	•		•	•		
Deschampsia danthonioides	Annual Hair Grass	moderately wet to wet, sun part shade	•	•	0	0	•		•	•	•	•	•		
Eleocharis palustrus	Spikerush	wet to dry, sun part shade	•	•	0	0	•			•		•	•		•
Elymus elymoides ssp.californicus	Squirreltail Grass	dry, sun	•	•	0	0	•		•	•					
Elymus glaucus	Blue Wildrye	moderately wet to wet, , sun part shade, SEZ	•	•	0	0		•		•		•	•		
Elymus triticoides	Creeping Wildrye	moderately wet, sun part shade, competitive	•	•	0	0		•		•		•	•	•	•
Elytrigia intermedia	Intermediate/Pubescent	dry, sun, drought tolerant,	0	•	0	0		•		•		•	•		
Elytrigia intermedia 'Luna'	Luna Wheatgrass	dry, sun, drought tolerant, competitive	•	•	•	0	•		•	•			•	•	•

	D. 44c ¹		Inc	ough ında	tion	Defensible Space					Fe	atur			
	PLANTS ¹		То	lerar	ıce²	Considerations ³	Or	igin	(se	e Gı	ıidel	oool	k Cha	pte	r 3)
Scientific Name	Common Name	Optimal Site Conditions Habitat/water requirements, sun, shade, part shade, special notes	Tolerant of both Wet and Dry Periods	Better with Supple-mental Irrigation	Requires Supplemental Irrigation	Fire Hazard	Native	Adapted Non-Native	RM-1 Disconnected Flow Paths	RM-2 Suitable for Snow Storage	RM-4 Bioretention	RM-5 Vegetated Filter Strips	RM-6 Grass Swale or Vegetated Swale	RM-7 Permeable Pavement	RM-8 Green Roof
		Grasses				_									
Elytrigia intermedia 'Tegmar'	Dwarf Intermediate/Pubescent Wheatgrass	dry, sun, drought tolerant, excellent erosion control	•	•	0	0		•	•	•			•		
Festuca arundinacea	Tall Fescue	moderately wet, sun part shade, turf types and dwarfs, not suitable for SEZ	0	•	?	0		•		•					
Festuca glauca	Blue Fescue	moderately wet, sun part shade, ornamental bunch grass	0	•	?	0		•	•	•	•	•			
Festuca idahoensis	Idaho Fescue	wet to dry, sun part shade	•	•	0	0		•	•	•			•	•	
Festuca ovina var. duriuscala	Hard Fescue	moderately wet to dry, sun part shade, cultivars 'Durar', 'Sierra", Scaldis'	0	•	0	•		•		•					•
Festuca rubra	Red Fescue	moderately wet to wet, shade, turf	•	•	?	0		•	•	•		•	•		
Festuca rubra ssp. comutata	Chewings Fescue	moderately wet, sun part shade, turf	?	•	?	0		•	•	•		•	•		
Festuca trachyphylla	Sheep Fescue	dry, sun part shade	?	?	0	0	•			•	•	•	•	•	
Hordeum barachyantherum	Meadow Barley	wet to dry, sun part shade	•	•	0	0	•		•	•	•	•	•		•
Juncus articulatus	Jointleaf Rush	wet to dry, sun part shade	•	•	0	0	•		•	•	•	•	•		•
Juncus balticus	Baltic Rush	wet to dry, sun part shade	•	•	0	0	•		•	•	•	•	•		•
Koeleria macrantha	Prarie Junegrass	wet to dry, sun part shade	•	•	0	0	•			•	•	•	•		•
Lolium perenne	Perennial Ryegrass	moderately wet to dry, turf	•	•	0	0		•	•	•	•	•	•		•
Miscanthus sinenesis	Maiden Grass	wet to moderately wet, accent	0	•	•	0		•	•	•	•	•	•		•
Poa ampala 'Canby's'	Bluegrass, big	moderately wet to dry, sun part shade	?	?	0	0	•		•	•	•	•	•		•
Poa ampala 'Sherman's'	Bluegrass, big	moderately wet to dry, sun part shade	?	?	0	0	•		•	•	•	•	•		•
Poa pratensis	Kentucky Bluegrass	wet to moderately wet, sun part shade, turf	•	•	•	0	•		•	•	•	•	•		•
Poa sandbergii	Sandberg Bluegrass	wet to dry, sun part shade	•	•	0	0		•		•	•	•	•		•
Pseudoroegneria spicata	Bluebunch Wheatgrass	dry, sun	?	?	0	0	•			•	•	•	•		•

PLA	NTS ¹	In	ough unda derar	tion	Defensible Space Considerations ³	Ori	igin			lity f Feal uideb	atur	es		
Scientific Name Common Nam	Optimal Site Conditions Habitat/water requirements, sun, shade, part shade, special notes		Better with Supple-mental Irrigation	Requires Supplemental Irrigation	Fire Hazard	Native	Adapted Non-Native	RM-1 Disconnected Flow Paths	RM-2 Suitable for Snow Storage	RM-4 Bioretention	RM-5 Vegetated Filter Strips	RM-6 Grass Swale or Vegetated Swale	RM-7 Permeable Pavement	RM-8 Green Roof

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Disclaimer

This list is a compilation of information based upon the author's long term experience with Sierra botany and environs beginning in the early 1970's and as a Landscape Architect in the Tahoe-Truckee region since 1990. This information is supplemented and verified by the references listed below. The author acknowledges that opinions and other lists will vary as to the appropriateness of certain plant materials for the recommended uses. As experience with emerging practices in Stormwater Management and Wildfire Management evolves, recommended uses will likely change. The information contained in this list is complete and true to the best of the author's knowledge to date. No guarantee is made as to the recommendations written herein and the author and publisher shall not be held liable in connection with the use of this information.

	Legend
•	Indicates good, or yes for drought and inundation tolerance; indicates high for fire hazard
0	Indicates fair for drought and inundation tolerance; indicates medium for fire hazard
0	Indicates poor, or no for drought and inundation tolerance; indicates low for fire hazard
	Footnotes
1	Because hardiness zones vary significantly in the Sierra, it is highly recommended that your local landscape professional or nursury be consulted to verify that chosen species are appropriate for the project area. A consulting fee may be required.
2	Refers to established plant material
3	Opinions on Fire Hazard levels will vary from fire district to fire district, this list is meant as a general guide in planning LID facilities and not as a Defensible Space guide. Consult your local fire district to verify what will be allowed in your area.

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