

Species Proper Name	Growth Form	Mean	% Compositae	Climax %	Species Code	Common Name	Longevity	Origin	MrPhyton1	MrPhyton2	MrPhyton3	MrPhyton4	MrPhyton5	MrPhyton6	MrPhyton7	MrPhyton8	MrPhyton9	MrPhyton10	MrPhyton11	MrPhyton12	MrPhyton13	MrPhyton14	MrPhyton15	MrPhyton16	MrPhyton17				
<i>Amaranthus albus</i> L.	Forbsherb	1.82	0.74		AMAL	prostrate pigweed	annual	native	10.13	15.45	0.59		1.33	1.82											0.17				
<i>Gnaphalium squarrosa</i> (Pursh) Dunal	Forbsherb	1.14	0.46		GRSO	cutleaf gumweed	perennial	native					0.22	18.00															
<i>Galeria secunda</i> (L.) Sonder	Forbsherb	0.80	0.30		GASE3	crested galenia	annual	introduced															12.80						
<i>Phacelia floribunda</i> Greene	Forbsherb	0.71	0.29		PHFL	southern island phacelia	annual	native					1.65										4.96	4.80					
<i>Lupinus arizonicus</i> (S. Wats.) S. Wats.	Forbsherb	0.56	0.23		LIAR4	Arizona lupine	annual	native																9.00					
<i>Penstemon strictus</i> Benth.	Forbsherb	0.53	0.22	<4	PEST2	Rosky Mountain penstemon	perennial	native					0.48	8.00															
<i>Astragalus</i> L.	Forbsherb	0.49	0.20		ASTRA	milkveitch	perennial	native	7.41						0.40														
<i>Astragalus convallaria</i> Greene	Forbsherb	0.40	0.16		ASCO12	lesser rusby milkveitch	perennial	native			0.09		0.90													5.40			
<i>Abies crandallii</i> B.L. Robins.	Forbsherb	0.31	0.13		ARCR6	Crandall's rockcross	perennial	native															5.00						
<i>Mateuccia struthiopteris</i> (L.) Todaro	Forbsherb	0.30	0.12		MAST	ostrich fern	perennial	native					4.80																
<i>Hauchera parvifolia</i> Nutt. ex Torr. & Gra	Forbsherb	0.23	0.09		HEPA11	fileleaf alumroot	perennial	native					3.60																
<i>Alnus incana</i> (Nutt.) A. & D. Lo	Forbsherb	0.21	0.09		ALPA14	alkali	perennial	native																1.00		2.40			
<i>Eriogonum</i> L.	Forbsherb	0.18	0.07		ERIGE2	feabane	perennial	native					2.82																
<i>Phlox hoodii</i> Richards.	Forbsherb	0.17	0.07		PHHO	spiny phlox	perennial	native																1.23		1.50			
<i>Lomatium eastwoodiae</i> (Cout. & Rose) J.F.	Forbsherb	0.16	0.07		LOEA	Eastwood's desertparsley	perennial	native			2.63																		
<i>Penstemon harringtonii</i> Perle	Forbsherb	0.16	0.06		PEHA11	Harrington's beardtongue	perennial	native																0.88		1.65			
<i>Balsamorhiza sagittata</i> (Pursh) Nutt.	Forbsherb	0.16	0.06	<4	BASA3	arrowleaf balsamorhiza	perennial	native																2.50					
<i>Antennaria rosea</i> Greene	Forbsherb	0.15	0.06		ANPU2	rosy pussytoes	perennial	native					2.40																
<i>Lappula occidentalis</i> (S. Wats.) Greene	Forbsherb	0.15	0.06		LADC3	fat-pine stickseed	biennial	native															2.40						
<i>Achillea millefolium</i> L.	Forbsherb	0.13	0.05		ACMI2	common yarrow	perennial	native and															1.60			0.50			
<i>Senecio</i> L.	Forbsherb	0.11	0.05		SENEC	agnost	perennial	native					1.80																
<i>Senecio multilobatus</i> Torr. & Gray ex Gra	Forbsherb	0.11	0.04		SEMU3	lobleaf groundsel	perennial	native																	0.19	1.50			
<i>Descurainia sophia</i> (L.) Webb ex Prantl	Forbsherb	0.09	0.04		DESO2	heeb sophia	annual	introduced					1.50																
<i>Cardaria draba</i> (L.) Desv.	Forbsherb	0.09	0.04		CADR	whiteweed	perennial	introduced																1.40					
<i>Ipomopsis aggregata</i> (Pursh) V. Grant	Forbsherb	0.08	0.03		IPAG	scarlet gilia	perennial	native							0.70									0.50					
<i>Penstemon Schmidtii</i>	Forbsherb	0.08	0.03		PENST	beardtongue	perennial	native																1.20					
<i>Abies fendleri</i> (S. Wats.) Greene	Forbsherb	0.07	0.03		ARFE	Fendler's rockcross	perennial	native					0.50											0.60					
<i>Thlasca arvense</i> (L.) Benth.	Forbsherb	0.07	0.03		TRRE	Reverchon's spiderwort	perennial	native					1.10																
<i>Draba cuneifolia</i> Nutt. ex Torr. & Gray	Forbsherb	0.06	0.02		DRCU	wedgleaf draba	annual	native															0.26	0.65					
<i>Astragalus miser</i> Dougl.	Forbsherb	0.05	0.02		ASMI9	fringe milkveitch	perennial	native					0.80																
<i>Lesquerella alpina</i> (Nutt.) S. Wats.	Forbsherb	0.04	0.02		LEAL	alpine bladderpod	perennial	native					0.70																
<i>Tetraneuris scutellariifolia</i> Greene	Forbsherb	0.04	0.02		TEAC	stemless four-nerve daisy	perennial	native																0.66					
<i>Eriogonum</i> Nutt.	Forbsherb	0.04	0.02		ERIGE	erigenia	perennial	native			0.29		0.36																
<i>Cholanthus viscidus</i> Davenport	Forbsherb	0.04	0.02		CHVI2	viscid figleaf	perennial	native			0.62																		
<i>Androsace septentrionalis</i> L.	Forbsherb	0.04	0.02		ANSE4	pygmyflower rockjasmine	perennial	native					0.60																
<i>Cryptantha Lehmannii</i> ex G. Don	Forbsherb	0.03	0.01		CRYPT	cryptantha	perennial	native					0.38		0.17														
<i>Lactuca serotia</i> L.	Forbsherb	0.03	0.01		LASE	prickly lettuce	biennial	introduced					0.40																
<i>Physaria acutifolia</i> Rydb.	Forbsherb	0.02	0.01		PHAC4	sharpleaf wintergreen	perennial	native			0.08													0.16		0.14			
<i>Allium geveii</i> S. Wats.	Forbsherb	0.02	0.01		ALGE	Geyer's onion	perennial	native							0.30														
<i>Cirsium P. Mill.</i>	Forbsherb	0.02	0.01		CIRS1	thistle	perennial	native					0.30																
<i>Chenopodium</i> L.	Forbsherb	0.01	0.01		CHENO	goosefoot	perennial	native					0.20																
<i>Polygonum douglasii</i> Greene	Forbsherb	0.01	0.00		PODO4	Douglas' knotweed	annual	native																		0.18			
<i>Arnica montana</i> L.	Forbsherb	0.01	0.00		ARNI	annual broadleaf	annual	native																	0.03	0.10			
<i>Brassica</i> L.	Forbsherb	0.01	0.00		BRASS2	mustard	perennial	native																	0.10				
<i>Chenopodium descatum</i> A. Nels.	Forbsherb	0.00	0.00		CHDE	aridland goosefoot	annual	native					0.07																
<i>Descurainia pinnata</i> (Walt.) Brit.	Forbsherb	0.00	0.00		DEPI	western tansymustard	annual	native					0.05																
<i>Perennial Fob</i>	Forbsherb	0.00	0.00			perennial broadleaf	perennial	native			0.02		0.02																
<i>Lepidium</i> L.	Forbsherb	0.00	0.00		LEPID	pepper weed	perennial	native			0.01																		
<b>Total for Forbs</b>			<b>4</b>	<b>10</b>					<b>18</b>	<b>16</b>	<b>4</b>	<b>1</b>	<b>26</b>	<b>4</b>	<b>22</b>	<b>2</b>	<b>2</b>	<b>8</b>	<b>20</b>	<b>10</b>	<b>11</b>	<b>1</b>	<b>2</b>	<b>11</b>					
<i>Poa pratensis</i> L.	Graminoid	17.02	6.91		POPR	Kentucky bluegrass	perennial	native and					6.00													4.50			
<i>Achnatherum hymenoides</i> (Roemer & J.A. S.)	Graminoid	4.62	1.88	10 to 15	ACHY	Indian ricegrass	perennial	native	0.47	0.14			0.90	0.52	1.20	12.67							10.20	39.67	1.60	5.01	1.20		
<i>Poa fendleriana</i> (Steud.) Vasey	Graminoid	2.31	0.94	<10	POFE	nutton grass	perennial	native				15.11	0.90			14.40	2.10							0.40					
<i>Agropyron cristatum</i> (L.) Gaern.	Graminoid	1.49	0.60		AGCR	crested wheatgrass	perennial	introduced					23.76																
<i>Koeleria macrantha</i> (Ledeb.) J.A. Schult.	Graminoid	1.14	0.46	<10	KOMA	prairie Junegrass	perennial	native	0.39				1.68	6.30										2.54		0.54	0.80	6.00	
<i>Poa secunda</i> J. Presl	Graminoid	1.13	0.46		POSE	Sandberg bluegrass	perennial	native					14.70														2.73		
<i>Carex geyeri</i> Boott	Graminoid	0.95	0.42	0 to 3	CAGE2	Geyer's sedge	perennial	native							1.32														
<i>Elymus elymoides</i> (Raf.) Swezey	Graminoid	0.86	0.35		ELLS	squarreltail	perennial	native					0.95	0.38	0.30									4.13	0.94	2.40	0.80	0.31	3.00
<i>Pseudoroegneria spicata</i> (Pursh) A. Love	Graminoid	0.81	0.33	10 to 15	PASP6	bluebonnet wheatgrass	perennial	native	2.33				1.80														6.24		
<i>Carex physophila</i> Mackenz.	Graminoid	0.36	0.15		CAPT	living sedge	perennial	native					3.80											0.80	0.50		0.90		
<i>Nassella viridula</i> (Tuck.) Barkworth	Graminoid	0.34	0.14		NAVA	green needlegrass	perennial	native																		5.40			
<i>Poa nervosa</i> (Hook.) Vasey	Graminoid	0.33	0.13		PONE2	wheeler bluegrass	perennial	native																					

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<i>Quercus gambelii</i> Nutt.	Shrub	32.08	13.02	<0	OUJA	juniper oak	perennia	native	9.43				45.01	4.71	1.30	46.58			62.11	28.63			61.04						55.43		
<i>Cercocarpus montanus</i> Raf.	Shrub	10.41	4.23	0 to 10	CEM02	adlerleaf mountain mahogany	perennia	native	12.19	3.73	2.77		2.83	23.29		0.75			57.00	56.12	3.89		2.86						1.08		
<i>Amelanchier alabamica</i> Koehne	Shrub	9.32	3.79		AMUT	Utah serviceberry	perennia	native					32.56		1.01				42.00	48.09			18.02						7.45		
<i>Symphoricarpos rotundifolius</i> Gray	Shrub	3.29	1.34		SYRO	roundleaf snowberry	perennia	native					4.63						3.67	0.90	0.06		41.80						1.62		
<i>Artemisia tridentata</i> ssp. <i>tridentata</i> Nutt.	Shrub	2.84	1.15		ARTRT	basin big sagebrush	perennia	native															45.36								
<i>Rhus trilobata</i> Nutt.	Shrub	2.49	1.01		RWTR	skunkbrush sumac	perennia	native					0.04	0.06		39.67															
<i>Artemisia nova</i> A. Nels.	Shrub	1.97	0.80		ARN04	hack sagebrush	perennia	native				19.49																	11.75	0.21	
<i>Artemisia tridentata</i> ssp. <i>wyomingensis</i> B.	Shrub	1.75	0.71		ARTRW8	Wyoming big sagebrush	perennia	native	1.77			6.50	0.07		2.11			0.28			0.08		14.41						2.82		
<i>Chrysothamnus viscidiflorus</i> (Hook.) Nutt.	Shrub	1.09	0.44		CHV18	yellow rabbitbrush	perennia	native			0.52		0.05	6.61	0.15	0.04	0.64													9.45	
<i>Passiflora myrsinites</i> (Pursh) Raf.	Shrub	0.34	0.14		PAMY	Oregon bonset	perennia	native								5.40														3.99	
<i>Rhus montigena</i> McClintock	Shrub	0.25	0.10		RM02	gooseberry currant	perennia	native																							
<i>Artemisia ludoviciana</i> Nutt.	Shrub	0.20	0.08		ARLU	white sagebrush	perennia	native				3.12																			
<i>Briquetia longifolia</i> S. Wats.	Shrub	0.20	0.08		BRLO	longleaf brickellbush	perennia	native																							3.12
<i>Cercocarpus ledifolius</i> Nutt.	Shrub	0.16	0.07		CELE3	cal-leaf mountain mahogany	perennia	native									2.60														
<i>Rosa woodii</i> Lindl.	Shrub	0.16	0.06		ROWD	Wood's rose	perennia	native					0.02										2.47								
<i>Rhus L.</i>	Shrub	0.09	0.04		RIBES	currant	perennia	native				1.40																			
<i>Artemisia dracunculoides</i> L.	Shrub	0.04	0.02		ARDR4	taragon	perennia	native				0.70																			
<i>Pinus virginiana</i> L.	Shrub	0.03	0.01		PRV1	dokecherry	perennia	native				0.02																			0.42
<i>Purshia tridentata</i> (Pursh) DC.	Shrub	0.02	0.01	<0	PURTR	aristotle hillbush	perennia	native							0.29						0.06										
<i>Symphoricarpos obtusatus</i> Moench	Shrub	0.01	0.00		SYOR	corallberry	perennia	native			0.02					0.10															
<i>Comus sericea</i> L.	Shrub	0.01	0.00		COSE16	redstem dogwood	perennia	native					0.09																		
<i>Oxton ciliataglandulifer</i> Ortega	Shrub	0.00	0.00		CRCI	Mexican croton	perennia	native																							0.06
<b>Total for Shrubs</b>		<b>27</b>	<b>40%</b>						<b>23</b>	<b>4</b>	<b>3</b>	<b>29</b>	<b>86</b>	<b>36</b>	<b>5</b>	<b>93</b>	<b>4</b>	<b>165</b>	<b>332</b>	<b>4</b>	<b>170</b>	<b>31</b>	<b>12</b>	<b>72</b>							
<i>Heterotheca villosa</i> (Pursh) Shimmers	SubShrub	1.52	0.62	<0	HEV14	hairy false goldenaster	perennia	native				0.86	5.20					14.52												3.71	
<i>Gutierrezia sarothrae</i> (Pursh) Britt. & R.	SubShrub	1.11	0.45		GUSA2	boom snakeweed	perennia	native				0.44						0.04												0.10	3.00
<i>Machaeranthera glanduloides</i> (Nutt.) Shi	SubShrub	0.71	0.29		MAGR2	rayless tarantaster	perennia	native	1.64	0.76			7.80		0.80								14.21								0.43
<i>Eriogonum umbellatum</i> Torr.	SubShrub	0.28	0.12		ERUM	cupflower buckwheat	perennia	native				1.65	0.70					2.20													
<i>Ephedra viridis</i> Coville	SubShrub	0.28	0.11		EPVI	momom tea	perennia	native	3.44		0.20								0.29	0.29											
<i>Echinocereus triglochidiatus</i> Engelm.	SubShrub	0.25	0.10		ECTR	kingcup cactus	perennia	native										3.49												0.58	
<i>Opuntia fragilis</i> (Nutt.) Haw.	SubShrub	0.18	0.07		OPFR	brittle pricklypear	perennia	native			2.34	0.05	0.45				0.04														
<i>Eriogonum contortum</i> Small	SubShrub	0.18	0.07		ERCO13	grand buckwheat	perennia	native				2.80																			
<i>Senecio nemorensis</i> Gray	SubShrub	0.17	0.07		SENE4	New Mexico groundsel	perennia	native													0.25									2.40	
<i>Chrysothamnus nauseosus</i> ssp. <i>nauseosus</i> (	SubShrub	0.14	0.06		CHNA4	rubber rabbitbrush	perennia	native																							2.19
<i>Symphoricarpos albus</i> (L.) Blake	SubShrub	0.12	0.05		SYAL	common snowberry	perennia	native	1.12																						0.86
<i>Comandra umbellata</i> (L.) Nutt.	SubShrub	0.10	0.04		COLM	bastard toadflax	perennia	native												0.80											0.80
<i>Galium boreale</i> L.	SubShrub	0.10	0.04		GAB02	northern bedstraw	perennia	native											1.60												
<i>Pedicularis canadensis</i> L.	SubShrub	0.09	0.03		PECA	Canadian housewort	perennia	native			1.36																				
<i>Eriogonum Michx.</i>	SubShrub	0.08	0.03		ERIOG	buckwheat	perennia	native			1.16			0.14																	
<i>Phlox longifolia</i> Nutt.	SubShrub	0.08	0.03		PHLO2	longleaf phlox	perennia	native	1.21																						
<i>Penstemon caespitosus</i> Nutt. ex Gray	SubShrub	0.06	0.02	<0	PECA4	mat penstemon	perennia	native																							0.90
<i>Opuntia polyacantha</i> Haw.	SubShrub	0.06	0.02	<0	OPPO	plains pricklypear	perennia	native										0.47													0.42
<i>Tetradymia canescens</i> DC.	SubShrub	0.05	0.02		TECA2	spineless horsebrush	perennia	native				0.77																			0.01
<i>Ephedra L.</i>	SubShrub	0.05	0.02		EPHED	pinifir	perennia	native							0.77																
<i>Stemotus acutis</i> (Nutt.) Nutt.	SubShrub	0.04	0.02		STAC	stemless mock goldenweed	perennia	native				0.70																			
<i>Escobaria vivipara</i> (Nutt.) Brubauer	SubShrub	0.02	0.01		ESV12	spinytar	perennia	native				0.33																			
<i>Hymenocappus filifolius</i> Hook.	SubShrub	0.02	0.01		HYFI	fiveleaf hymenocappus	perennia	native																							0.27
<i>Yucca glauca</i> Nutt.	SubShrub	0.01	0.00		YUGL	scapeweed yucca	perennia	native										0.13													
<b>Total for SubShrubs</b>		<b>2</b>	<b>in shrubs</b>						<b>7</b>	<b>2</b>	<b>4</b>	<b>3</b>	<b>18</b>	<b>0</b>	<b>2</b>	<b>3</b>	<b>19</b>	<b>2</b>	<b>1</b>	<b>0</b>	<b>14</b>	<b>3</b>	<b>5</b>	<b>7</b>							
<i>Pinus edulis</i> Engelm.	Tree	94.58	38.42	<10	PIED	twoneedle piñon	perennia	native	17.43	48.38	54.38	10.00	573.73	2.19	8.97	40.99	99.59	1.38	0.02	288.36			0.08	33.19	384.55						
<i>Juniperus osteosperma</i> (Torr.) Little	Tree	35.93	14.59	<10	JUOS	Utah juniper	perennia	native	18.19	17.39	32.39	9.60	34.03	9.28	187.14	23.99	50.98	31.19	0.38	62.91			0.49	13.20	83.69						
<b>Total for Trees</b>		<b>53</b>	<b>in shrubs</b>						<b>36</b>	<b>66</b>	<b>87</b>	<b>20</b>	<b>608</b>	<b>11</b>	<b>196</b>	<b>65</b>	<b>111</b>	<b>33</b>	<b>0</b>	<b>331</b>			<b>1</b>	<b>46</b>	<b>478</b>						
<i>Vicia americana</i> Muhl. ex Willd.	Vine Forb/herb	0.68	0.27		VIAM	American vetch	perennia	native																							10.50
<i>Lathyrus latifolius</i> Kellogg	Vine Forb/herb	0.11	0.0																												