

longPlotID	species	indicator	common_name	habit_duration	introduced	1991	2010	2019
01006 BARNEY-12	unknown	AF00		annual forb			0.5	1
	Lepidium		shaggyfruit					
01006 BARNEY-12	lasiocarpum	LELA	pepperweed	annual forb	FALSE			1
01006 BARNEY-12	Lesquerella	LESQU	bladderpod	annual forb	FALSE			0.5
			prickly Russian					
01006 BARNEY-12	Salsola tragus	SATR12	thistle	annual forb	TRUE		3	
01006 BARNEY-12	Sisymbrium irio	SIIR	London rocket	annual forb	TRUE			0.5
01006 BARNEY-12	unknown	AG00		annual grass				3
01006 BARNEY-12	Baileya	BAILE	desert marigold	perennial forb	FALSE		0.5	
	Chamaesaracha							
01006 BARNEY-12	sordida	CHSO	hairy five eyes	perennial forb	FALSE			0.5
01006 BARNEY-12	unknown	PF00		perennial forb			0.5	1.5
01006 BARNEY-12	Aristida	ARIST	threeawn	perennial grass	FALSE	1		
01006 BARNEY-12	Bouteloua eriopoda	BOER4	black grama	perennial grass	FALSE		0.5	0.5
01006 BARNEY-12	Hilaria mutica	HIMU2	tobosagrass	perennial grass	FALSE	1	2.5	0.5
01006 BARNEY-12	Munroa pulchella	MUNPUL	low woollygrass	perennial grass	FALSE	5.6	1.5	
	Muhlenbergia							
01006 BARNEY-12	porteri	MUPO2	bush muhly	perennial grass	FALSE	0.5	1	
	Scleropogon							
01006 BARNEY-12	brevifolius	SCBR2	burrograss	perennial grass	FALSE	0.5	3	1
01006 BARNEY-12	Sporobolus	SPORO	dropseed	perennial grass	FALSE		1	
01006 BARNEY-12	Ephedra trifurca	EPTR	longleaf jointfir	shrub	FALSE		0.5	
01006 BARNEY-12	Flourensia cernua	FLCE	American tarwort	shrub	FALSE	2.6		
01006 BARNEY-12	Koeberlinia	KOEBE	althorn	shrub	FALSE		0.5	
01006 BARNEY-12	Koeberlinia spinosa	KOSP	crown of thorns	shrub	FALSE			0.5
01006 BARNEY-12	Larrea tridentata	LATR2	creosote bush	shrub	FALSE	2	1.5	7
	Gutierrezia		broom					
01006 BARNEY-12	sarothrae	GUSA2	snakeweed	subshrub	FALSE	4.6	7.5	9.5
01006 BARNEY-12	Zinnia acerosa	ZIAC	desert zinnia	subshrub	FALSE	1.5		
01006 BARNEY-12							3.5	3
01006 BARNEY-12								3
01006 BARNEY-12						32.1	63.5	21
01006 BARNEY-12								1
01006 BARNEY-12								47
01006 BARNEY-12				perennial forb			1	2
01006 BARNEY-12				perennial grass		8.7	9.5	2
01006 BARNEY-12				Rock		49.5	14	
01006 BARNEY-12				shrub		4.6	2.5	7.5
01006 BARNEY-12				Stone				0.5
01006 BARNEY-12				subshrub		6.1	7.5	9.5
01006 BARNEY-12				TotalFoliar		18.9	23	23.5
01006 BARNEY-12				TotalLitter				34.5
	Astragalus		smallflowered					
01006 CHUTE-10	nuttallianus	ASNU4	milkvetch	annual forb	FALSE			1
01006 CHUTE-10	Boerhavia	BOERH2	spiderling	annual forb	FALSE			0.5
01006 CHUTE-10	Erodium cicutarium	ERIC6	redstem stork's	annual forb	TRUE			49
01006 CHUTE-10	Lesquerella	LESQU	bladderpod	annual forb	FALSE			1
01006 CHUTE-10	unknown	AG00		annual grass				1.5
	Aristida		sixweeks					
01006 CHUTE-10	adscensionis	ARAD	threeawn	annual grass	FALSE			1
01006 CHUTE-10	Bouteloua barbata	BOBA2	sixweeks grama	annual grass	FALSE			3.5
01006 CHUTE-10	Croton pottsii	CRPO5	leatherweed	perennial forb	FALSE			0.5
01006 CHUTE-10	unknown	PF00		perennial forb				0.5
01006 CHUTE-10	Sphaeralcea	SPHAE	globemallow	perennial forb	FALSE			0.5

01006 CHUTE-10	Aristida	ARIST	threeawn	perennial grass	FALSE	1.5	6	
01006 CHUTE-10	Bouteloua eriopoda	BOER4	black grama	perennial grass	FALSE	4.1		
01006 CHUTE-10	Hilaria mutica	HIMU2	tobosagrass	perennial grass	FALSE	15.2	7.5	4
01006 CHUTE-10	Munroa pulchella	MUNPUL	low woollygrass	perennial grass	FALSE	7.6	9.5	
01006 CHUTE-10	Muhlenbergia porteri	MUPO2	bush muhly	perennial grass	FALSE			1
01006 CHUTE-10	Ephedra	EPHED	jointfir	shrub	FALSE			0.5
01006 CHUTE-10	Ephedra trifurca	EPTR	longleaf jointfir	shrub	FALSE	0.5		0.5
01006 CHUTE-10	Larrea tridentata	LATR2	creosote bush	shrub	FALSE	2	0.5	
01006 CHUTE-10	Lycium pallidum	LYPAL	pale desert-thorn	shrub	FALSE	0.5		
01006 CHUTE-10	Gutierrezia sarothrae	GUSA2	snakeweed	subshrub	FALSE	6.6	1.5	1.5
01006 CHUTE-10	Isocoma tenuisecta	ISTE2	burroweed	subshrub	FALSE	0.5		1
01006 CHUTE-10		AAGG						42
01006 CHUTE-10			annual forb					50.5
01006 CHUTE-10			annual grass					6
01006 CHUTE-10			BareSoil			22.3	23.5	3.5
01006 CHUTE-10			Gravel					72.5
01006 CHUTE-10			perennial forb					1.5
01006 CHUTE-10			perennial grass			28.4	23	4
01006 CHUTE-10			Rock			40.1	39.5	
01006 CHUTE-10			shrub			3	1	0.5
01006 CHUTE-10			subshrub			7.1	1.5	2.5
01006 CHUTE-10			TotalFoliar			38.6	62	59.5
01006 CHUTE-10			TotalLitter					29.5
01006 EAST-5	unknown	AF00		annual forb		0.5	1	0.5
01006 EAST-5	Astragalus nuttallianus	ASNU4	smallflowered milkvetch	annual forb	FALSE			3.5
01006 EAST-5	Boerhavia torreyana	BOTO2	creeping	annual forb	FALSE			3
01006 EAST-5	Chenopodium	CHENO	goosefoot	annual forb	FALSE		0.5	
01006 EAST-5	Erodium cicutarium	ERIC6	redstem stork's	annual forb	TRUE			30.5
01006 EAST-5	Eriogonum	ERIOG	buckwheat	annual forb	FALSE		5.5	
01006 EAST-5	Lesquerella	LESQU	bladderpod	annual forb	FALSE			3
01006 EAST-5	Aristida adscensionis	ARAD	sixweeks threeawn	annual grass	FALSE			1.5
01006 EAST-5	Bouteloua aristidoides	BOAR	needle grama	annual grass	FALSE			3.5
01006 EAST-5	Bouteloua barbata	BOBA2	sixweeks grama	annual grass	FALSE		16.5	10.5
01006 EAST-5	Panicum capillare	PACA6	witchgrass	annual grass	FALSE		0.5	
01006 EAST-5	Acourtia nana	ACNA2	dwarf	perennial forb	FALSE			0.5
01006 EAST-5	Lepidium alyssoides	LEAL4	mesa pepperwort	perennial forb	FALSE		0.5	
01006 EAST-5	Solanum elaeagnifolium	SOEL	silverleaf nightshade	perennial forb	FALSE			1
01006 EAST-5	Aristida	ARIST	threeawn	perennial grass	FALSE	19.2	3.5	
01006 EAST-5	Bouteloua curtipendula	BOCU	sideoats grama	perennial grass	FALSE		0.5	0.5
01006 EAST-5	Hilaria mutica	HIMU2	tobosagrass	perennial grass	FALSE	4.5	8	4
01006 EAST-5	Muhlenbergia alopecuroides	MUHALO	bristly wolfstail	perennial grass	FALSE			1
01006 EAST-5	Munroa pulchella	MUNPUL	low woollygrass	perennial grass	FALSE	3.5		
01006 EAST-5	Muhlenbergia porteri	MUPO2	bush muhly	perennial grass	FALSE	3.5	0.5	0.5
01006 EAST-5	Flourensia cernua	FLCE	American tarwort	shrub	FALSE	0.5		

01006 EAST-5	Koeberlinia	KOEBE	allthorn	shrub	FALSE	1.5		
01006 EAST-5	Larrea tridentata	LATR2	creosote bush	shrub	FALSE	6.1	0.5	2.5
01006 EAST-5	Parthenium							
01006 EAST-5	incanum	PAIN2	mariola	shrub	FALSE			0.5
01006 EAST-5	unknown	SH00		shrub				0.5
01006 EAST-5	Gutierrezia		broom					
01006 EAST-5	sarothrae	GUSA2	snakeweed	subshrub	FALSE	5.6	3.5	1.5
01006 EAST-5	Isocoma tenuisecta	ISTE2	burroweed	subshrub	FALSE	0.5		
01006 EAST-5	Thymophylla		pricklyleaf					
01006 EAST-5	acerosa	THAC	dogweed	subshrub	FALSE		0.5	
01006 EAST-5	Opuntia	OPUNT	pricklypear	succulent	FALSE		0.5	
01006 EAST-5			annual forb			0.5	7	39.5
01006 EAST-5			annual grass				17	15.5
01006 EAST-5			BareSoil			4.5	40.5	15
01006 EAST-5			Gravel					48.5
01006 EAST-5			perennial forb				0.5	1.5
01006 EAST-5			perennial grass			30.3	13	5
01006 EAST-5			Rock			81.8	22	
01006 EAST-5			shrub			6.1	2	3.5
01006 EAST-5			subshrub			6.1	4	1.5
01006 EAST-5			succulent				0.5	
01006 EAST-5			TotalFoliar			37.9	42	57
01006 EAST-5			TotalLitter					4.5
01006 ELEPHANT-4	unknown	AF00		annual forb			9	3.5
01006 ELEPHANT-4			western					
01006 ELEPHANT-4	Descurainia pinnata	DEP1	tansymustard	annual forb	FALSE			0.5
01006 ELEPHANT-4	Eriogonum		Abert's					
01006 ELEPHANT-4	abertianum	ERAB2	buckwheat	annual forb	FALSE			4.5
01006 ELEPHANT-4	Eriogonum	ERIOG	buckwheat	annual forb	FALSE		5.5	
01006 ELEPHANT-4			Virginia					
01006 ELEPHANT-4	Lepidium virginicum	LEVI3	pepperweed	annual forb	FALSE			2
01006 ELEPHANT-4	Plantago patagonica	PLPA2	woolly plantain	annual forb	FALSE			1
01006 ELEPHANT-4			prickly Russian					
01006 ELEPHANT-4	Salsola tragus	SATR12	thistle	annual forb	TRUE			1.5
01006 ELEPHANT-4	unknown	AG00		annual grass				1.5
01006 ELEPHANT-4	Secale cereale	SECE	cereal rye	annual grass	TRUE		1.5	
01006 ELEPHANT-4	Machaeranthera	MACHA	tansyaster	perennial forb	FALSE	1		
01006 ELEPHANT-4	unknown	PF00		perennial forb				0.5
01006 ELEPHANT-4	Sida abutilifolia	SIDABU	spreading	perennial forb	TRUE			0.5
01006 ELEPHANT-4	Solanum		silverleaf					
01006 ELEPHANT-4	elaeagnifolium	SOEL	nightshade	perennial forb	FALSE		3.5	
01006 ELEPHANT-4	Sphaeralcea	SPHAE	globemallow	perennial forb	FALSE			1.5
01006 ELEPHANT-4	Tragia	TRAGI	noseburn	perennial forb	FALSE	0.5		
01006 ELEPHANT-4	Aristida	ARIST	threeawn	perennial grass	FALSE	3	4.5	
01006 ELEPHANT-4	Bouteloua							
01006 ELEPHANT-4	curtipendula	BOCU	sideoats grama	perennial grass	FALSE	11.5	16.5	2
01006 ELEPHANT-4	Bouteloua eriopoda	BOER4	black grama	perennial grass	FALSE	16	18.5	4
01006 ELEPHANT-4	Bouteloua gracilis	BOGR2	blue grama	perennial grass	FALSE		2	1
01006 ELEPHANT-4	Bouteloua hirsuta	BOHI2	hairy grama	perennial grass	FALSE	13.5		1
01006 ELEPHANT-4	Bouteloua	BOUTE	grama	perennial grass	FALSE	2.5		
01006 ELEPHANT-4	Enneapogon		nineawn					
01006 ELEPHANT-4	desvauxii	ENDE	pappusgrass	perennial grass	FALSE	0.5		
01006 ELEPHANT-4	Hopia obtusa	HOOB4	vine mesquite	perennial grass	FALSE		0.5	

01006 ELEPHANT-4	Munroa pulchella	MUNPUL	low woollygrass	perennial grass	FALSE	0.5		
01006 ELEPHANT-4	Muhlenbergia porteri	MUPO2	bush muhly streambed	perennial grass	FALSE	0.5	1.5	1.5
01006 ELEPHANT-4	Setaria leucopila	SELE6	bristlegrass	perennial grass	FALSE	1		
01006 ELEPHANT-4	Sporobolus	SPORO	dropseed	perennial grass	FALSE			0.5
01006 ELEPHANT-4	Ephedra	EPHED	jointfir	shrub	FALSE		1	
01006 ELEPHANT-4	Ericameria laricifolia	ERLA12	turpentine bush	shrub	FALSE	1		
01006 ELEPHANT-4	Flourensia cernua	FLCE	American tarwort	shrub	FALSE		1.5	0.5
01006 ELEPHANT-4	Parthenium incanum	PAIN2	mariola	shrub	FALSE			1
01006 ELEPHANT-4	Prosopis glandulosa	PRGL2	honey mesquite	shrub	FALSE		1.5	1.5
01006 ELEPHANT-4	Rhus	RHUS	sumac	shrub	FALSE		2	
01006 ELEPHANT-4	unknown	SH00		shrub				1.5
01006 ELEPHANT-4	Eriogonum wrightii	ERWR	bastardsage	subshrub	FALSE	4		
01006 ELEPHANT-4	Gutierrezia sarothrae	GUSA2	snakeweed	subshrub	FALSE	0.5	1.5	1.5
01006 ELEPHANT-4	Cylindropuntia	CYLIN2	cholla	succulent	FALSE			0.5
01006 ELEPHANT-4	Opuntia	OPUNT	pricklypear	succulent	FALSE		0.5	0.5
01006 ELEPHANT-4	Juniperus arizonica	JUAR3	redberry juniper	tree	FALSE			2
01006 ELEPHANT-4		AAGG				0.5	1.5	
01006 ELEPHANT-4			annual forb				14.5	12.5
01006 ELEPHANT-4			annual grass				1.5	1.5
01006 ELEPHANT-4			BareSoil			2	2	1
01006 ELEPHANT-4			Bedrock					1.5
01006 ELEPHANT-4			Boulder					0.5
01006 ELEPHANT-4			Cobble					1
01006 ELEPHANT-4			Gravel					93
01006 ELEPHANT-4			perennial forb			1.5	3.5	2.5
01006 ELEPHANT-4			perennial grass			47.5	44	10
01006 ELEPHANT-4			Rock			46	82	
01006 ELEPHANT-4			shrub			1	6	4.5
01006 ELEPHANT-4			subshrub			4.5	1.5	1.5
01006 ELEPHANT-4			succulent				0.5	1
01006 ELEPHANT-4			TotalFoliar			55	63.5	32.5
01006 ELEPHANT-4			TotalLitter				19	30
01006 ELEPHANT-4			tree					2
01006 GRAMA-3	unknown	AF00		annual forb			32.5	1
01006 GRAMA-3	Astragalus nuttallianus	ASNU4	smallflowered milkvetch	annual forb	FALSE			1.5
01006 GRAMA-3	Atriplex elegans	ATEL	wheelscale	annual forb	FALSE			2.5
01006 GRAMA-3	Boerhavia	BOERH2	spiderling western	annual forb	FALSE			0.5
01006 GRAMA-3	Descurainia pinnata	DEP1	tansymustard	annual forb	FALSE			0.5
01006 GRAMA-3	Erodium cicutarium	ERIC6	redstem stork's	annual forb	TRUE			18
01006 GRAMA-3	Eschscholtzia californica mexicana	ESCCALM	California poppy	annual forb	FALSE			0.5
01006 GRAMA-3	Lesquerella	LESQU	bladderpod	annual forb	FALSE			0.5
01006 GRAMA-3	Pectocarya platycarpa	PEPL	broadfruit combseed	annual forb	FALSE			0.5
01006 GRAMA-3	Plantago patagonica	PLPA2	woolly plantain	annual forb	FALSE			1

01006 GRAMA-3	Salsola tragus	SATR12	prickly Russian thistle	annual forb	TRUE	9		4.5
01006 GRAMA-3	unknown	AG00		annual grass				1.5
01006 GRAMA-3	Aristida adscensionis	ARAD	sixweeks threeawn	annual grass	FALSE			1
01006 GRAMA-3	Bouteloua barbata	BOBA2	sixweeks grama	annual grass	FALSE		1.5	4
01006 GRAMA-3	Croton pottsii	CRPO5	leatherweed	perennial forb	FALSE		1	
01006 GRAMA-3	Evolvulus nuttallianus	EVNU	shaggy dwarf morning-glory dwarf morning-	perennial forb	FALSE			0.5
01006 GRAMA-3	Evolvulus	EVOLV	glory	perennial forb	FALSE	0.5		
01006 GRAMA-3	Sphaeralcea	SPHAE	globemallow	perennial forb	FALSE			0.5
01006 GRAMA-3	Bouteloua eriopoda	BOER4	black grama	perennial grass	FALSE	5.5	7.5	2.5
01006 GRAMA-3	Hilaria mutica	HIMU2	tobosagrass	perennial grass	FALSE	8.5	8.5	5.5
01006 GRAMA-3	Munroa pulchella	MUNPUL	low woollygrass	perennial grass	FALSE			0.5
01006 GRAMA-3	Scleropogon brevifolius	SCBR2	burrograss	perennial grass	FALSE			0.5
01006 GRAMA-3	Gutierrezia sarrothrae	GUSA2	broom snakeweed	subshrub	FALSE		0.5	1.5
01006 GRAMA-3		AAGG				3.5		
01006 GRAMA-3		annual forb				9	32.5	31
01006 GRAMA-3		annual grass					1.5	6.5
01006 GRAMA-3		BareSoil				35	49	15
01006 GRAMA-3		Gravel						45.5
01006 GRAMA-3		perennial forb				0.5	1	1
01006 GRAMA-3		perennial grass				14	16	9
01006 GRAMA-3		Rock				38	1.5	
01006 GRAMA-3		subshrub					0.5	1.5
01006 GRAMA-3		TotalFoliar				27	50	42.5
01006 GRAMA-3		TotalLitter						35.5
01006 NORTH-1	unknown	AF00		annual forb				1
01006 NORTH-1	Blitum nuttallianum	BLINUT	Nuttall's povertyweed	annual forb	FALSE			5
01006 NORTH-1	Descurainia pinnata	DEPI	western tansymustard	annual forb	FALSE			0.5
01006 NORTH-1	Erodium cicutarium	ERIC6	redstem stork's	annual forb	TRUE			13.5
01006 NORTH-1	Phacelia arizonica	PHAR13	Arizona phacelia	annual forb	FALSE			1
01006 NORTH-1	Salsola tragus	SATR12	prickly Russian thistle	annual forb	TRUE	1		
01006 NORTH-1	Tribulus terrestris	TRTE	puncturevine	annual forb	TRUE			0.5
01006 NORTH-1	unknown	AG00		annual grass				1
01006 NORTH-1	Bouteloua barbata	BOBA2	sixweeks grama common Mediterranean	annual grass	FALSE			1
01006 NORTH-1	Schismus barbatus	SCBA	grass	annual grass	TRUE			0.5
01006 NORTH-1	Hilaria mutica	HIMU2	tobosagrass	perennial grass	FALSE	19.5		6
01006 NORTH-1	unknown	PG00		perennial grass				0.5
01006 NORTH-1	Scleropogon brevifolius	SCBR2	burrograss	perennial grass	FALSE			2
01006 NORTH-1	Ephedra trifurca	EPTR	longleaf jointfir	shrub	FALSE	0.5		
01006 NORTH-1	Gutierrezia sarrothrae	GUSA2	broom snakeweed	subshrub	FALSE	1		
01006 NORTH-1		AAGG				6		
01006 NORTH-1		annual forb				1		21
01006 NORTH-1		annual grass						2.5

01006 NORTH-1		BareSoil				49		32
01006 NORTH-1		Gravel						46
01006 NORTH-1		perennial grass				19.5		8.5
01006 NORTH-1		Rock				23.5		
01006 NORTH-1		shrub				0.5		
01006 NORTH-1		subshrub				1		
01006 NORTH-1		TotalFoliar				27.5		29
01006 NORTH-1		TotalLitter						10.5
01006 NORTHEAST-8	unknown	AF00		annual forb		0.5		1.5
	Astragalus		smallflowered					
01006 NORTHEAST-8	nuttallianus	ASNU4	milkvetch	annual forb	FALSE			2.5
01006 NORTHEAST-8	Boerhavia	BOERH2	spiderling	annual forb	FALSE			1.5
			western					
01006 NORTHEAST-8	Descurainia pinnata	DEPI	tansymustard	annual forb	FALSE			0.5
01006 NORTHEAST-8	Erodium cicutarium	ERIC6	redstem stork's	annual forb	TRUE			12
01006 NORTHEAST-8	Eriogonum	ERIOG	buckwheat	annual forb	FALSE		21	
01006 NORTHEAST-8	Lesquerella	LESQU	bladderpod	annual forb	FALSE			12
01006 NORTHEAST-8	Plantago patagonica	PLPA2	woolly plantain	annual forb	FALSE			0.5
01006 NORTHEAST-8	Bouteloua barbata	BOBA2	sixweeks grama	annual grass	FALSE	0.5	3.5	
01006 NORTHEAST-8	Aristida	ARIST	threeawn	perennial grass	FALSE		0.5	
01006 NORTHEAST-8	Hilaria mutica	HIMU2	tobosagrass	perennial grass	FALSE	36.2	8.5	7.5
	Muhlenbergia							
01006 NORTHEAST-8	arenacea	MUAR	ear muhly	perennial grass	FALSE	1		
01006 NORTHEAST-8	Munroa pulchella	MUNPUL	low woollygrass	perennial grass	FALSE	1		
	Scleropogon							
01006 NORTHEAST-8	brevifolius	SCBR2	burrograss	perennial grass	FALSE	5	1.5	0.5
01006 NORTHEAST-8	Eriogonum wrightii	ERWR	bastardsage	subshrub	FALSE	0.5		
	Gutierrezia		broom					
01006 NORTHEAST-8	sarothrae	GUSA2	snakeweed	subshrub	FALSE	12.1	0.5	1
01006 NORTHEAST-8						0.5	21	26
01006 NORTHEAST-8						0.5	3.5	
01006 NORTHEAST-8		BareSoil				11.1	53.5	34
01006 NORTHEAST-8		Cobble						1
01006 NORTHEAST-8		Gravel						34.5
01006 NORTHEAST-8		perennial grass				43.2	10.5	8
01006 NORTHEAST-8		Rock				43.7	15	
01006 NORTHEAST-8		subshrub				12.6	0.5	1
01006 NORTHEAST-8		TotalFoliar				45.7	35	34
01006 NORTHEAST-8		TotalLitter						13
01006 PYRAMID-9	unknown	AF00		annual forb			7	17.5
01006 PYRAMID-9	Boerhavia erecta	BOER	erect spiderling	annual forb	FALSE		1.5	
01006 PYRAMID-9	Cryptantha	CRYPT	cryptantha	annual forb	FALSE			0.5
	Eschscholtzia							
01006 PYRAMID-9	californica mexicana	ESCCALM	California poppy	annual forb	FALSE			1
01006 PYRAMID-9	Lupinus	LUPIN	lupine	annual forb	FALSE			0.5
01006 PYRAMID-9	Plantago patagonica	PLPA2	woolly plantain	annual forb	FALSE			1
			prickly Russian					
01006 PYRAMID-9	Salsola tragus	SATR12	thistle	annual forb	TRUE			0.5
01006 PYRAMID-9	unknown	AG00		annual grass				1
01006 PYRAMID-9	Secale cereale	SECE	cereal rye	annual grass	TRUE		2.5	
	Artemisia							
01006 PYRAMID-9	ludoviciana	ARLU	white sagebrush	perennial forb	FALSE	1		

01006 PYRAMID-9	Aster	ASTER	aster	perennial forb	FALSE	4.5		
01006 PYRAMID-9	unknown	PF00		perennial forb				0.5
01006 PYRAMID-9	Solanum		silverleaf					
01006 PYRAMID-9	elaegnifolium	SOEL	nightshade	perennial forb	FALSE	1		0.5
01006 PYRAMID-9	Sphaeralcea	SPHAE	globemallow	perennial forb	FALSE			1
01006 PYRAMID-9	Aristida	ARIST	threeawn	perennial grass	FALSE	0.5		0.5
01006 PYRAMID-9	Bouteloua							
01006 PYRAMID-9	curtipendula	BOCU	sideoats grama	perennial grass	FALSE	22	16	2
01006 PYRAMID-9	Bouteloua eriopoda	BOER4	black grama	perennial grass	FALSE	26	18.5	9.5
01006 PYRAMID-9	Enneapogon		nineawn					
01006 PYRAMID-9	desvauxii	ENDE	pappusgrass	perennial grass	FALSE	0.5		
01006 PYRAMID-9	Hilaria mutica	HIMU2	tobosagrass	perennial grass	FALSE			1.5
01006 PYRAMID-9	Muhlenbergia							
01006 PYRAMID-9	porteri	MUPO2	bush muhly	perennial grass	FALSE	6		4
01006 PYRAMID-9	Panicum virgatum	PAVI2	switchgrass	perennial grass	FALSE	1		
01006 PYRAMID-9	unknown	PG00		perennial grass				0.5
01006 PYRAMID-9	Scleropogon							
01006 PYRAMID-9	brevifolius	SCBR2	burrograss	perennial grass	FALSE	0.5		
01006 PYRAMID-9			streambed					
01006 PYRAMID-9	Setaria leucopila	SELE6	bristlegrass	perennial grass	FALSE	1.5		0.5
01006 PYRAMID-9	Sporobolus airoides	SPAI	alkali sacaton	perennial grass	FALSE	1.5		
01006 PYRAMID-9	Sporobolus	SPORO	dropseed	perennial grass	FALSE			0.5
01006 PYRAMID-9	Ephedra	EPHED	jointfir	shrub	FALSE	0.5		
01006 PYRAMID-9	Flourensia cernua	FLCE	American tarwort	shrub	FALSE			1.5
01006 PYRAMID-9	Koeleria spinosa	KOSP	crown of thorns	shrub	FALSE	0.5		
01006 PYRAMID-9	Krascheninnikovia							
01006 PYRAMID-9	lanata	KRLA2	winterfat	shrub	FALSE	0.5		
01006 PYRAMID-9	Parthenium							
01006 PYRAMID-9	incanum	PAIN2	mariola	shrub	FALSE	2		1
01006 PYRAMID-9	Prosopis glandulosa	PRGL2	honey mesquite	shrub	FALSE	0.5		1
01006 PYRAMID-9	Rhus	RHUS	sumac	shrub	FALSE			1
01006 PYRAMID-9	Senegalia greggii	SEGR4	catclaw acacia	shrub	FALSE	2		
01006 PYRAMID-9	unknown	SH00		shrub				2.5
01006 PYRAMID-9	Vachellia constricta	VACO9	whitethorn acacia	shrub	FALSE	1		
01006 PYRAMID-9	Eriogonum wrightii	ERWR	bastardsage	subshrub	FALSE	2		
01006 PYRAMID-9	Gutierrezia		broom					
01006 PYRAMID-9	sarothrae	GUSA2	snakeweed	subshrub	FALSE	1	2.5	2
01006 PYRAMID-9	Agave parryi							
01006 PYRAMID-9	neomexicana	AGAPARN	Parry's agave	succulent	FALSE	0.5		
01006 PYRAMID-9	Canotia holacantha	CAHO3	crucifixion thorn	tree	FALSE			2
01006 PYRAMID-9		AAGG						6
01006 PYRAMID-9			annual forb			8.5		20.5
01006 PYRAMID-9			annual grass			2.5		1
01006 PYRAMID-9		ARLUA3						1
01006 PYRAMID-9		ASTR						1.5
01006 PYRAMID-9		BareSoil				1	1.5	1.5
01006 PYRAMID-9		Bedrock						2.5
01006 PYRAMID-9		Boulder						6
01006 PYRAMID-9		Cobble						2.5
01006 PYRAMID-9		Gravel						81
01006 PYRAMID-9		Lichen						3
01006 PYRAMID-9			perennial forb			1	5.5	2
01006 PYRAMID-9			perennial grass			49.5	44	19

01006 PYRAMID-9		Rock				49	84.5	
01006 PYRAMID-9		shrub				1	5.5	7
01006 PYRAMID-9		subshrub				3	2.5	2
01006 PYRAMID-9		succulent				0.5		
01006 PYRAMID-9		TotalFoliar				53.5	66	43
01006 PYRAMID-9		TotalLitter				0.5	13.5	23
01006 PYRAMID-9		tree					2	
01006 RAILROAD-7	unknown	AF00		annual forb			1.5	0.5
	Astragalus		smallflowered					
01006 RAILROAD-7	nuttallianus	ASNU4	milkvetch	annual forb	FALSE			2.5
01006 RAILROAD-7	Boerhavia	BOERH2	spiderling	annual forb	FALSE			1
01006 RAILROAD-7	Eriogonum	ERIOG	buckwheat	annual forb	FALSE		3	
01006 RAILROAD-7	Erodium	EROD1	stork's bill	annual forb	TRUE			15
01006 RAILROAD-7	unknown	AG00		annual grass				7
01006 RAILROAD-7	Bouteloua barbata	BOBA2	sixweeks grama	annual grass	FALSE		27	2.5
01006 RAILROAD-7	Croton pottsii	CRPO5	leatherweed	perennial forb	FALSE		1	
01006 RAILROAD-7	Aristida	ARIST	threeawn	perennial grass	FALSE	2.5	2	
01006 RAILROAD-7	Hilaria mutica	HIMU2	tobosagrass	perennial grass	FALSE	4	3	3.5
01006 RAILROAD-7	Munroa pulchella	MUNPUL	low woollygrass	perennial grass	FALSE		0.5	
	Muhlenbergia							
01006 RAILROAD-7	porteri	MUPO2	bush muhly	perennial grass	FALSE	1		0.5
01006 RAILROAD-7	Ephedra trifurca	EPTR	longleaf jointfir	shrub	FALSE	0.5		0.5
01006 RAILROAD-7	Koeberlinia spinosa	KOSP	crown of thorns	shrub	FALSE			0.5
01006 RAILROAD-7	Larrea tridentata	LATR2	creosote bush	shrub	FALSE	2	0.5	2
01006 RAILROAD-7	Prosopis glandulosa	PRGL2	honey mesquite	shrub	FALSE			0.5
	Gutierrezia		broom					
01006 RAILROAD-7	sarothrae	GUSA2	snakeweed	subshrub	FALSE	2	3	5
01006 RAILROAD-7	Isocoma tenuisecta	ISTE2	burweed	subshrub	FALSE			0.5
							4.5	19
							27	9.5
						30.5	44.5	15.5
								0.5
								58
								1
						7.5	5.5	4
						63	21	
						2.5	0.5	3.5
						2	3	5.5
						11	40.5	37
								15.5
	Acmispon							
01006 RATTLER-6	brachycarpus	ACMBRA	foothill deervetch	annual forb	FALSE			1
01006 RATTLER-6	unknown	AF00		annual forb			4	1
			western					
01006 RATTLER-6	Descurainia pinnata	DEP1	tansymustard	annual forb	FALSE			0.5
01006 RATTLER-6	Erodium cicutarium	ERIC6	redstem stork's	annual forb	TRUE			17
01006 RATTLER-6	Eriogonum	ERIOG	buckwheat	annual forb	FALSE			0.5
01006 RATTLER-6	Acourtia nana	ACNA2	dwarf	perennial forb	FALSE			0.5
01006 RATTLER-6	Lysimachia ciliata	LYCI	fringed	perennial forb	FALSE		2.5	
	Solanum		silverleaf					
01006 RATTLER-6	elaegnifolium	SOEL	nightshade	perennial forb	FALSE			0.5
01006 RATTLER-6	Aristida	ARIST	threeawn	perennial grass	FALSE	7.6	1	
	Bouteloua							
01006 RATTLER-6	curtipendula	BOCU	sideoats grama	perennial grass	FALSE	1	5	

01006 RATTLER-6	Bouteloua eriopoda	BOER4	black grama	perennial grass	FALSE	21.7	8.5	
01006 RATTLER-6	Hilaria mutica	HIMU2	tobosagrass	perennial grass	FALSE	5.1	6.5	1.5
01006 RATTLER-6	Hopia obtusa	HOOB4	vine mesquite	perennial grass	FALSE	0.5		
01006 RATTLER-6	Munroa pulchella	MUNPUL	low woollygrass	perennial grass	FALSE	1.5	9.5	
01006 RATTLER-6	Muhlenbergia porteri	MUPO2	bush muhly	perennial grass	FALSE	1	3.5	1.5
01006 RATTLER-6	Ephedra	EPHED	jointfir	shrub	FALSE		1	
01006 RATTLER-6	Ephedra trifurca	EPTR	longleaf jointfir	shrub	FALSE	0.5		1
01006 RATTLER-6	Flourensia cernua	FLCE	American tarwort	shrub	FALSE	1	2	3.5
01006 RATTLER-6	Koelerlinia spinosa	KOSP	crown of thorns	shrub	FALSE	1		
01006 RATTLER-6	Larrea tridentata	LATR2	creosote bush	shrub	FALSE			4.5
01006 RATTLER-6	Parthenium incanum	PAIN2	mariola	shrub	FALSE		0.5	
01006 RATTLER-6	Prosopis glandulosa	PRGL2	honey mesquite	shrub	FALSE	5.6	2.5	3
01006 RATTLER-6	Rhus microphylla	RHMI3	littleleaf sumac	shrub	FALSE	1		
01006 RATTLER-6	Rhus	RHUS	sumac	shrub	FALSE		1	
01006 RATTLER-6	Gutierrezia sarothrae	GUSA2	snakeweed	subshrub	FALSE	2.5	4	5.5
01006 RATTLER-6	Isocoma tenuisecta	ISTE2	burroweed	subshrub	FALSE	1		
01006 RATTLER-6	Zinnia	ZINNI	zinnia	subshrub	FALSE			0.5
01006 RATTLER-6	Yucca baccata	YUBA	banana yucca	succulent	FALSE	1		
01006 RATTLER-6		AAGG					12	
01006 RATTLER-6		annual forb					4	20
01006 RATTLER-6		BareSoil				2	9.5	5
01006 RATTLER-6		Cobble						1
01006 RATTLER-6		Gravel						79
01006 RATTLER-6		perennial forb					3	0.5
01006 RATTLER-6		perennial grass				38.4	33.5	3
01006 RATTLER-6		Rock				53	76	
01006 RATTLER-6		shrub				8.6	7	11.5
01006 RATTLER-6		subshrub				3.5	4	5.5
01006 RATTLER-6		succulent				1		
01006 RATTLER-6		TotalFoliar				48.5	57.5	38
01006 RATTLER-6		TotalLitter					1.5	30
01006 SOUTH-11	unknown	AF00		annual forb			8.5	2
01006 SOUTH-11	Astragalus nuttallianus	ASNU4	smallflowered milkvetch	annual forb	FALSE			1.5
01006 SOUTH-11	Erodium cicutarium	ERIC6	redstem stork's bladderpod	annual forb	TRUE			18.5
01006 SOUTH-11	Lesquerella	LESQU		annual forb	FALSE			2
01006 SOUTH-11	Plantago patagonica	PLPA2	woolly plantain	annual forb	FALSE			1.5
01006 SOUTH-11	Salsola tragus	SATR12	prickly Russian thistle	annual forb	TRUE	2.5	0.5	0.5
01006 SOUTH-11	unknown	AG00		annual grass				8
01006 SOUTH-11	Bouteloua barbata	BOBA2	sixweeks grama	annual grass	FALSE			3.5
01006 SOUTH-11	Croton pottsii	CRPO5	leatherweed	perennial forb	FALSE		0.5	
01006 SOUTH-11	unknown	PF00		perennial forb			0.5	1
01006 SOUTH-11	Aristida	ARIST	threeawn	perennial grass	FALSE		0.5	
01006 SOUTH-11	Bouteloua eriopoda	BOER4	black grama	perennial grass	FALSE	3	0.5	
01006 SOUTH-11	Hilaria mutica	HIMU2	tobosagrass	perennial grass	FALSE	26	13	15.5
01006 SOUTH-11	Munroa pulchella	MUNPUL	low woollygrass	perennial grass	FALSE	0.5		
01006 SOUTH-11	Scleropogon brevifolius	SCBR2	burrograss	perennial grass	FALSE	2.5	0.5	
01006 SOUTH-11	Sporobolus	SPORO	dropseed	perennial grass	FALSE		0.5	

01006 SOUTH-11	Ephedra trifurca	EPTR	longleaf jointfir	shrub	FALSE		0.5	
01006 SOUTH-11	Gutierrezia		broom					
01006 SOUTH-11	sarothrae	GUSA2	snakeweed	subshrub	FALSE	6	1.5	3
01006 SOUTH-11		AAGG				0.5		
01006 SOUTH-11		annual forb				2.5	9	24
01006 SOUTH-11		annual grass						11.5
01006 SOUTH-11		BareSoil				53	68.5	15
01006 SOUTH-11		Gravel						38.5
01006 SOUTH-11		perennial forb					1	1
01006 SOUTH-11		perennial grass				32	15	15.5
01006 SOUTH-11		Rock				6.5	6	
01006 SOUTH-11		shrub					0.5	
01006 SOUTH-11		subshrub				6	1.5	3
01006 SOUTH-11		TotalFoliar				40.5	25.5	49
01006 SOUTH-11		TotalLitter						43.5
01006 VICTOR-2	unknown	AF00		annual forb			5.05	4.5
01006 VICTOR-2	Boerhavia	BOERH2	spiderling	annual forb	FALSE			0.5
01006 VICTOR-2			western					
01006 VICTOR-2	Descurainia pinnata	DEPI	tansymustard	annual forb	FALSE			1.5
01006 VICTOR-2	Erodium cicutarium	ERIC6	redstem stork's	annual forb	TRUE			18
01006 VICTOR-2	Eriogonum	ERIOG	buckwheat	annual forb	FALSE		0.5	
01006 VICTOR-2	Plantago patagonica	PLPA2	woolly plantain	annual forb	FALSE			2
01006 VICTOR-2			prickly Russian					
01006 VICTOR-2	Salsola tragus	SATR12	thistle	annual forb	TRUE	1.5	2	6.5
01006 VICTOR-2	unknown	AG00		annual grass				1.5
01006 VICTOR-2	Bouteloua barbata	BOBA2	sixweeks grama	annual grass	FALSE		9	5.5
01006 VICTOR-2	Croton pottsii	CRPO5	leatherweed	perennial forb	FALSE		0.5	
01006 VICTOR-2			Rocky Mountain					
01006 VICTOR-2	Zinnia grandiflora	ZIGR	zinnia	perennial forb	FALSE		0.5	
01006 VICTOR-2	Aristida	ARIST	threeawn	perennial grass	FALSE	1	4	
01006 VICTOR-2	Bouteloua eriopoda	BOER4	black grama	perennial grass	FALSE	2	1.5	
01006 VICTOR-2	Hilaria mutica	HIMU2	tobosagrass	perennial grass	FALSE		9.25	4
01006 VICTOR-2	Muhlenbergia							
01006 VICTOR-2	arenacea	MUAR	ear muhly	perennial grass	FALSE		1	
01006 VICTOR-2	Muhlenbergia	MUHLE	muhly	perennial grass	FALSE		1	
01006 VICTOR-2	Scleropogon							
01006 VICTOR-2	brevifolius	SCBR2	burrograss	perennial grass	FALSE	1	0.5	
01006 VICTOR-2	Ephedra trifurca	EPTR	longleaf jointfir	shrub	FALSE	2	1.5	2
01006 VICTOR-2	Prosopis glandulosa	PRGL2	honey mesquite	shrub	FALSE		0.5	
01006 VICTOR-2	unknown	SH00		shrub			1	0.5
01006 VICTOR-2	Gutierrezia		broom					
01006 VICTOR-2	sarothrae	GUSA2	snakeweed	subshrub	FALSE	1.5	3	3
01006 VICTOR-2	Isocoma tenuisecta	ISTE2	burroweed	subshrub	FALSE			0.5
01006 VICTOR-2		AAGG				16.5		
01006 VICTOR-2		annual forb				1.5	6.3	30
01006 VICTOR-2		annual grass					9	7
01006 VICTOR-2		BareSoil				51.5	63.6	19
01006 VICTOR-2		Gravel						42.5
01006 VICTOR-2		perennial forb					1	
01006 VICTOR-2		perennial grass				4	13.3	4
01006 VICTOR-2		Rock				23	5.75	
01006 VICTOR-2		shrub				2	1.5	2.5
01006 VICTOR-2		subshrub				1.5	3	3.5

01006 VICTOR-2
01006 VICTOR-2

TotalFoliar
TotalLitter

25.5 30.9 42.5
38