

5.26 r 139	Guadalupe cryptantha	<i>Cryptantha maritima</i>	99 / 9	15
5.27	Cross small wash			
5.28 l	Dead desert lavender,	<i>Hyptis emoryi</i>		
5.30	Trail curves left			
5.33	Trail curves left			
5.34	Trail curves right			
5.34 l 140	small-flowered poppy	<i>Eschscholzia minutiflora ssp. minutiflora</i>	10 / 2	15
5.35 l 141	desert dandelion	<i>Malacothrix glabrata</i>	5 / 2	17
5.36 l	Sign: "Riding and Hiking Trail (ahead); No Dogs Past This Point"			
5.36 b 142 sp		<i>Nemacladus sp.</i>	99 / 9	
5.36	End guide at signed trailhead on southeast corner of Visitor Center Parking Lot; elevation ~835 feet (255 m).			

http://tchester.org/sd/plants/guides/anza_borrego/ca_rh_trl_culp.html
 Last update: 6 January 2010.

Anza-Borrego: Plant Guide To California Riding and Hiking Trail: Culp Valley to Visitor Center

mile s #	id	Common Name	Latin Name	#here	#all
0.00 r		Begin guide at shaded sign mounted on a rock pillar: "Chaparral ... and the cycle of fire", almost next to the Montezuma Highway, S22; elevation 3330 feet (1015 m)			
0.00 b 1		*Asian mustard	<i>Brassica tournefortii</i>	20 / 3	43
0.00 r 2		*red brome	<i>Bromus madritensis ssp. rubens</i>	99 / 9	84
0.00 b 3		fringed amaranth	<i>Amaranthus fimbriatus</i>	99 / 9	11
0.00 b 4		*redstem filaree	<i>Erodium cicutarium</i>	99 / 9	81
0.00 b 5		California buckwheat	<i>Eriogonum fasciculatum var. polifolium</i>	99 / 9	52
0.00 r 6		*ripgut brome	<i>Bromus diandrus</i>	2 / 1	67
0.00 r 7	~	*Mediterranean schismus	<i>Schismus barbatus</i>	10 / 1	51
0.00 r 8	~	common phacelia	<i>Phacelia distans</i>	50 / 5	37
0.00 r 9		coyote melon	Cucurbita palmata[±]	1 / 1	6
0.00 r 10	sp	baby annual lupine	<i>Lupinus sp.</i>	10 / 1	
0.00 r 11		slender buckwheat	<i>Eriogonum gracile var. incultum</i>	30 / 5	7
0.00 r 12	sp	baby popcorn flower	<i>Cryptantha sp.</i>	99 / 9	
0.00 r 13		California matchweed	<i>Gutierrezia californica</i>	99 / 9	7
0.00 b 14	~	fivewing spiderling	<i>Boerhavia intermedia</i>	99 / 9	10
0.00 r 15		slender wreathplant	<i>Stephanomeria exigua ssp. exigua</i>	20 / 4	22
0.01 r 16		gander's cholla	<i>Opuntia ganderi</i>	30 / 9	39
0.01 l 17		rattlesnake weed	<i>Chamaesyce albomarginata</i>	10 / 2	14
0.01 l	~	(apricot mallow, <i>Sphaeralcea ambigua var. ambigua</i>)			
0.02 l 18		wire-lettuce	<i>Stephanomeria pauciflora var. pauciflora</i>	30 / 9	49
0.02 l 19		red-gland spurge	<i>Chamaesyce melanadenia</i>	99 / 9	3
0.02 r 20		catclaw	<i>Acacia greggii</i>	40 / 9	47
0.02 l 21		Acton encelia	<i>Encelia actoni</i>	99 / 9	7
0.03 l 22		desert mistletoe	<i>Phoradendron californicum</i>	10 / 9	38
0.03 l		(San Felipe dogweed, <i>Adenophyllum porophylloides</i> ; shrubby brickellia, <i>Brickellia frutescens</i> ; cheesebush, <i>Hymenoclea salsola var. salsola</i> ; Engelmann's hedgehog cactus, <i>Echinocereus engelmannii</i> ; short-winged deerweed, <i>Lotus scoparius var. brevialetus</i> ; tall melica, <i>Melica frutescens</i> ; wishbone plant, <i>Mirabilis bigelovii var. retrorsa</i> ; Parish's viguiera, <i>Viguiera parishii</i> ;))			
0.04 r 23		sugar bush	<i>Rhus ovata</i>	30 / 9	38

0.04 r 24	papillate dodder	<i>Cuscuta californica</i> var. <i>papillosa</i>	5 / 1	12	4.04 r 122	*downy brome	<i>Bromus tectorum</i>	/	50
0.04 b 25	Parish's viguiera	<i>Viguiera parishii</i>	50 / 9	28	4.06	Cross small drainage			
0.04 r 26	short-winged deerweed	<i>Lotus scoparius</i> var. <i>brevialatus</i>	30 / 5	36	4.07 r	Jct. steep use trail to fencepost and USGS Benchmark; trail elevation ~1330 feet (405 m)			
0.05 r 27	white sage	<i>Salvia apiana</i>	6 / 3	53	4.15 l 123	threadstem	<i>Pterostegia drymarioides</i>	2 / 1	45
0.06 r	Sign: "No shooting, fire in metal container only"				4.16 l 124 ~	white fiesta flower	<i>Pholistoma membranaceum</i>	10 / 1	15
0.07 r	(lotebush, <i>Ziziphus parryi</i> var. <i>parryi</i>)				4.18 r	(Parish's viguiera, <i>Viguiera parishii</i>)			
0.08 r 28 sp	annual suncup	<i>Camissonia</i> sp.	5 / 1		4.26	Jct. ridgeline between two side-drainages; small peak ahead on ridge has a good view and many <i>Mentzelia</i> ; trail goes to left of small peak			
0.08 r 29	cheesebush	<i>Hymenoclea salsola</i> var. <i>salsola</i>	50 / 7	44	4.29 r	(Pima rhatany, <i>Krameria erecta</i>)			
0.08	Y-jct.; sign: "Pena Spring (left); "Campground (right)"; stay right				4.29 r 125 sp	intermediate larkspur?	<i>Delphinium parishii</i> ssp. <i>subglobosum</i> ?	10 / 3	13
0.09 r 30 sp	datura	<i>Datura</i> sp. ±	1 / 1		4.32 r 126	small-flowered fiddleneck	<i>Amsinckia menziesii</i> var. <i>menziesii</i>	20 / 2	15
0.09 r 31	narrowleaf goldenbush	<i>Ericameria linearifolia</i>	50 / 9	11	4.34 l 127 ~	bracted blazing star	<i>Mentzelia involucrata</i>	5 / 3	20
0.15 r 32	lotebush	<i>Ziziphus parryi</i> var. <i>parryi</i>	30 / 9	5	4.46 b	Leave huge field of <i>Chaenactis</i>			
0.15 r 33	beady lipfern	<i>Cheilanthes covillei</i>	20 / 9	13	4.46 r 128 ~	brittle spineflower	<i>Chorizanthe brevicornu</i> var. <i>brevicornu</i>	5 / 1	30
0.15 r	(desert needlegrass, <i>Achnatherum speciosum</i>)				4.46 b 129	downy dalea	<i>Dalea mollissima</i>	3 / 1	5
0.16 r 34	boundary goldenbush	<i>Ericameria brachylepis</i>	20 / 9	11	4.47 r 130	thick-leaved ground cherry	<i>Physalis crassifolia</i>	20 / 9	22
0.17 r	(Mohave yucca, <i>Yucca schidigera</i> ; desert scrub oak, <i>Quercus cornelius-mulleri</i>)				4.51 r 131 sp	pebble pincushion?	<i>Chaenactis carphoclinia</i> var. <i>carphoclinia</i> ?	99 / 9	12
0.19 l	(jojoba, <i>Simmondsia chinensis</i>)				4.51 r 132 ?	baby annual like suncup	<i>Camissonia</i> sp.?	/	
0.20 l	First campsite, marked with two short wood posts				4.52 l 133 sp	combseed	<i>Pectocarya</i> sp.	20 / 2	
0.21 l 35	linear-leaved stillingia	<i>Stillingia linearifolia</i>	4 / 2	12	4.52 l 134	yellow-head	<i>Trichoptilium incisum</i>	20 / 4	5
0.21 r	Jct. road to toilets				4.53 r	Sign: "California Riding and Hiking Trail"			
0.22 r	Sign: "No wood gathering"				4.53 l	(Old termite tube at base of dead plant; small-flowered fiddleneck, <i>Amsinckia menziesii</i> var. <i>menziesii</i>)			
0.25	Y-jct.; stay left				4.54	Jct. main Hellhole Canyon Trail; elevation ~950 feet (290 m); cross it and continue straight ahead to pick up this trail again			
0.26 r	(very large jojoba, <i>Simmondsia chinensis</i>)				135	small-seeded spurge	<i>Chamaesyce polycarpa</i>	99 / 7	53
0.28	Jct. maze of roads; stay straight				4.58	Cross small wash with 2 branches			
0.28	(California juniper, <i>Juniperus californica</i>)				4.58 l 136	desert trumpet	<i>Eriogonum inflatum</i>	1 / 1	38
0.30 l	Sign: "Culp Valley Vista Point 0.6 mi"				4.64	Jct. old road; now horse trail			
0.32 l	(beavertail cactus, <i>Opuntia basilaris</i> var. <i>basilaris</i>)				4.78 b	Enter forest of teddy-bear cholla, <i>Opuntia bigelovii</i>			
0.33 l	(chaparral yucca, <i>Yucca whipplei</i>)				4.86	Cross wash			
0.37 r 36 ~	short-bannered coastal lotus	<i>Lotus salsuginosus</i> var. <i>brevivexillus</i>	30 / 9	9	4.89 l 137	teddy-bear cholla	<i>Opuntia bigelovii</i>	50 / 9	33
0.37 r 37	chinch-weed	<i>Pectis papposa</i> var. <i>papposa</i>	20 / 2	5	4.99	Cross faint old road (or buried water pipe) heading toward the hills from the water tanks to left			
0.37 r 38	wishbone plant	<i>Mirabilis bigelovii</i> var. <i>retrorsa</i>	20 / 9	27	5.04	Trail jogs left			
0.38 r 39 ~	desert woolly-star	<i>Eriastrum eremicum</i> ssp. <i>eremicum</i>	99 / 9	20	5.26 r 138	desert thornapple	<i>Datura discolor</i>	5 / 5	9
0.38 r 40	beavertail cactus	<i>Opuntia basilaris</i> var. <i>basilaris</i>	10 / 9	46					

2.87	Local high point on trail				0.38 r 41	Pima rhatany	<i>Krameria erecta</i>	20 / 9	14
2.96 r 98	ssp western tansy-mustard	<i>Descurainia pinnata</i>	5 / 1	6	0.39 l 42	California juniper	<i>Juniperus californica</i>	10 / 7	11
2.99 r 99	star-flowered bedstraw	<i>Galium stellatum var. eremicum</i>	3 / 3	17	0.39	Trail branches into three paths; stay straight			
3.00 l 100 ~	desert twining snapdragon	<i>Antirrhinum filipes</i>	4 / 4	6	0.40 r	(western bernardia, <i>Bernardia myricifolia</i>)			
3.17 b 101	California fagonia	<i>Fagonia laevis</i>	10 / 9	25	0.41 l 43 ~	apricot mallow	<i>Sphaeralcea ambigua var. ambigua</i>	3 / 3	20
3.31 b 102	spearleaf	<i>Matelea parvifolia</i>	2 / 1	5	0.42 r 44	desert scrub oak	<i>Quercus cornelius-mulleri</i>	20 / 7	5
3.51 103	desert spike-moss	<i>Selaginella eremophila</i>	50 / 9	15	0.42 l 45 sp	desert needlegrass?	<i>Achnatherum speciosum?</i>	50 / 9	
3.55 l 104	rock hibiscus	<i>Hibiscus denudatus</i>	10 / 5	26	0.46 r 46	Mohave yucca	<i>Yucca schidigera</i>	20 / 9	20
3.56 l 105	indigo bush	<i>Psoralea schottii</i>	50 / 9	46	0.58	Four way jct.: California Riding and Hiking Trail goes left-right; new wheelchair-accessible trail from campground comes in from right; sign: "Scenic Overlook"; go right			
3.56 r 106	*Bermuda grass	<i>Cynodon dactylon</i> [±]	1 / 1	43	0.59 l	(definite apricot mallow, <i>Sphaeralcea ambigua var. ambigua</i>)			
3.57 b 107	chuparosa	<i>Justicia californica</i>	40 / 9	24	0.60	Y-jct.; go right (left goes to minor overlook with white mugwort, <i>Artemisia ludoviciana ssp. albula</i> ; desert dudleya, <i>Dudleya saxosa ssp. aloides</i> ; Borrego bedstraw, <i>Galium angustifolium ssp. borregoense</i> ; ~white fiesta flower, ~ <i>Pholistoma membranaceum</i> ; and chia, <i>Salvia columbariae</i>)			
3.57 l 108 sp	per grass like fountain grass	?	1 / 1		0.60 l	Sign: "Vista Point (ahead)"			
3.57 r 109	whispering bells	<i>Emmenanthe penduliflora var. penduliflora</i>	/	24	0.62 r 47	desert dudleya	<i>Dudleya saxosa ssp. aloides</i>	10 / 5	14
3.59	Switchback left				0.65 l	"Turtle Rock" at 8 o'clock			
3.61 l 110	Coulter's lyrepod	<i>Lyrocarpa coulteri var. palmeri</i>	5 / 3	8	0.66 l 48	birch-leaf mountain-mahogany	<i>Cercocarpus betuloides var. betuloides</i>	10 / 4	35
3.62 l 111 ?	dead annual like silver puffs	?	1 / 1		0.66	Faint Y-jct; stay right and ascend			
3.68	Switchback right.				0.66 b 49 ~	rush blue grass	<i>Poa secunda ssp. juncifolia</i>	10 / 2	9
3.70	Switchback left.				0.67 r	(white-flowering currant, <i>Ribes indecorum</i> ; desert lotus, <i>Lotus rigidus</i>)			
3.72	Switchback right.				0.68 l 50 ~	Vasey's prickly-pear	<i>Opuntia vaseyi</i>	10 / 3	37
3.73	Switchback left.				0.69 r 51	white mugwort	<i>Artemisia ludoviciana ssp. albula</i>	20 / 9	11
3.73 l 112 sp	heliotrope phacelia?	<i>Phacelia crenulata?</i>	1 / 1		0.74 r 52	sweetbush	<i>Bebbia juncea var. aspera</i>	20 / 9	53
3.81	Saddle; elevation ~1540 feet (470 m); jct. with old portion of trail that descends to S22 at milepost 16.0; curve left to Hellhole Canyon				0.75	Saddle on highest flattish area (#1)			
3.82	Cross small drainage				0.76 r 53	San Felipe dogweed	<i>Adenophyllum porophylloides</i>	20 / 7	28
3.85 l 113	fish-hook cactus	<i>Mammillaria dioica</i>	10 / 9	22	0.76 l 54	desert agave	<i>Agave deserti</i>	20 / 9	31
3.85 r 114	rattlesnake weed	<i>Daucus pusillus</i>	10 / 2	31	0.76 l	(desert apricot, <i>Prunus fremontii</i>)			
3.87 l 115	Emory's rock-daisy	<i>Perityle emoryi</i>	20 / 9	28	0.78 l 55	western bernardia	<i>Bernardia myricifolia</i>	4 / 3	6
3.87 l 116 ~	Mojave ragwort	<i>Senecio mohavensis</i>	50 / 9	18	0.79	Vista Point; High point on trail; elevation 3520 feet (1073 m); begin descend to flattish area #2			
3.90 r 117	Arizona spurge	<i>Chamaesyce arizonica</i>	1 / 1	2	0.79 r 56	Engelmann's hedgehog cactus	<i>Echinocereus engelmannii</i>	10 / 5	24
3.91 118 l	Vasey's sage	<i>Salvia vaseyi</i>	10 / 5	23	0.85 l 57	desert apricot	<i>Prunus fremontii</i>	20 / 9	14
3.97 r 119	ayenia	<i>Ayenia compacta</i>	5 / 3	10	0.85 r	Jct. use trail to local peak on right			
3.98 r 120	white rhatany	<i>Krameria grayi</i>	2 / 2	37	0.89	Y-jct.; stay left			
4.00	Switchback left.				0.90 r	Jct. use trail to local peak on right			
4.01	Switchback right.								
4.04	Trail turns right 90°								
4.04 l 121	big galleta	<i>Pleuraphis rigida</i>	5 / 3	43					

0.92 r 58	desert lotus	<i>Lotus rigidus</i>	99 / 9	18	1.52	Trail leaves flattish area #2 and begins drop down to flattish area #3; elevation 3240 feet (988 m)			
0.94 r	Check for unk opposite-leaf per like penstemon	?		/	1.53 r 81	golden yarrow	<i>Eriophyllum confertiflorum</i> <i>var. confertiflorum</i>	5 / 1	81
0.94 r 59	sp baby plants like six-weeks three-awn	<i>Aristida adscensionis?</i>		/ 16	1.80 l 82	brittlebush	<i>Encelia farinosa</i>	10 / 4	52
0.94 b 60	shrubby brickellia	<i>Brickellia frutescens</i>	10 / 5	2	1.81	End steep descent; now on flattish area #3; elevation 2920 feet (890 m)			
0.94 b 61	sp pincushion flower	<i>Chaenactis sp.</i>	20 / 1		1.88 b 83	desert plantain	<i>Plantago ovata</i>	99 / 9	34
0.94 r 62	woolly lipfern	<i>Cheilanthes parryi</i>	1 / 1	28	1.91 l 84	sp pepper-grass	<i>Lepidium sp.</i>	10 / 1	
0.98 r 63	~ muilla	<i>Muilla maritima</i>	2 / 1	16	1.97 r	(California barrel cactus, <i>Ferocactus cylindraceus</i>)			
0.98 r 64	~ bajada lupine	<i>Lupinus concinnus</i>	1 / 1	38	2.02 l 85	jojoba	<i>Simmondsia chinensis</i>	5 / 4	26
1.00	Switchback left.				2.09	Trail leaves flattish area #3 and begins drop to saddle at mile 2.6			
1.00 l 65	odora	<i>Porophyllum gracile</i>	2 / 2	12	2.25 l 86	~ Parish's needlegrass	<i>Achnatherum parishii</i>	1 / 1	23
1.01	Trail turns right 90°				2.25 l 87	California trixis	<i>Trixis californica</i> <i>var. californica</i>	1 / 1	29
1.01 l	? (wild-cucumber?, <i>Marah macrocarpus</i> <i>var. macrocarpus</i> ?)				2.35 l 88	New Mexico ditaxis	<i>Ditaxis neomexicana</i>	1 / 1	3
1.01 l	definite six-weeks three-awn	<i>Aristida adscensionis</i>		/	2.37 l 89	California barrel cactus	<i>Ferocactus cylindraceus</i> [±]	1 / 1	41
1.03 l 66	~ California suncup	<i>Camissonia californica</i>	5 / 1	60	2.38	Saddle; elevation ~2580 feet (785 m); trail turns right to descend upper part of drainage to Hellhole Canyon. This is a possible turnaround point if you are not doing a one-way car-shuttle hike. Plant guide now gives species abundance for the rest of the trail, and there may be more specimens of the previously-given species.			
1.03 l 67	chia	<i>Salvia columbariae</i>	20 / 2	53	2.38 l	(teddy-bear cholla, <i>Opuntia bigelovii</i>)			
1.03 l 68	sp annual phacelia	<i>Phacelia like minor</i>	5 / 1		2.41 l	(creosote bush, <i>Larrea tridentata</i>)			
1.07 r	Saddle; Jct. use trail marked with a tall post; elevation 3320 feet (1012 m)				2.43 l 90	2 lv'd ephedra	<i>Ephedra sp. (2 lv'd)</i>	/	5
1.08 r 69	white-flowering currant	<i>Ribes indecorum</i>	1 / 1	34	2.43 l 91	ocotillo	<i>Fouquieria splendens</i> <i>ssp. splendens</i>	5 / 5	49
1.09 r	(bigberry manzanita, <i>Arctostaphylos glauca</i>)				2.47	Enter wash			
1.10 r 70	Borrego bedstraw	<i>Galium angustifolium</i> <i>ssp. borregoense</i>	30 / 5	1	2.47 r 92	Nealley three-awn	<i>Aristida purpurea</i> <i>var. nealleyi</i>	3 / 3	4
1.11 r 71	bigberry manzanita	<i>Arctostaphylos glauca</i>	1 / 1	14	2.48	Leave wash			
1.11 r 72	~ perennial rock-cress	<i>Arabis perennans</i>	3 / 1	13	2.51	Enter wash			
1.12 r 73	sp coast-range melic?	<i>Melica imperfecta?</i>	10 / 1		2.55	Leave wash; local low point on trail			
1.14 r 74	~ little-leaved chaparral beard-tongue	<i>Keckiella antirrhinoides</i> <i>var. microphylla</i>	4 / 3	3	2.56	Local high point on trail			
1.17 r 75	Anderson's desert-thorn	<i>Lycium andersonii</i>	4 / 3	10	2.56 r 93	desert sage	<i>Salvia eremostachya</i>	1 / 1	6
1.17 r	Jct. use trail to ridge				2.64	Enter wash			
1.28	Now in flattish area #2				2.67 l 94	narrowleaf ditaxis	<i>Ditaxis lanceolata</i>	50 / 9	30
1.29 l 76	California spear-leaved brickellia	<i>Brickellia arguta</i> <i>var. arguta</i>	3 / 3	5	2.67	Leave wash			
1.33 r	Check if these specimens are <i>Eriogonum davidsonii</i> .				2.69 r 95	woolly Indian paintbrush	<i>Castilleja foliolosa</i>	1 / 1	11
1.37 r 77	broom twinberry	<i>Menodora scoparia</i>	5 / 2	2	2.73 l 96	creosote bush	<i>Larrea tridentata</i>	40 / 9	53
1.49 r 78	burroweed	<i>Ambrosia dumosa</i>	1 / 1	50	2.81	Local low point on trail			
1.49 r 79	Parry's nolina	<i>Nolina parryi</i>	2 / 1	10	2.81 r 97	desert lavender	<i>Hyptis emoryi</i>	50 / 9	44
1.51 l 80	Wright's buckwheat	<i>Eriogonum wrightii</i> <i>var. nodosum</i>	10 / 3	20					