

1	166	silver puffs	<i>Uropappus lindleyi</i>	1 / 1	38
2.41	r 167	desert dudleya	<i>Dudleya saxosa ssp. aloides</i>	2 / 1	15
2.45	b 168	wild grape	<i>Vitis girdiana</i>	10 / 1	12
2.45		Schad's Maidenhair Falls at 1880 feet (575 m); best route above it is to the right of the falls			
2.46	169	bicolored everlasting	<i>Gnaphalium bicolor</i>	2 / 2	38
2.47	r 170	arrow-weed	<i>Pluchea sericea</i>	5 / 1	12
2.48	171	silver wormwood	<i>Artemisia ludoviciana ssp. ludoviciana</i>	10 / 2	3
2.50	172	western bernardia	<i>Bernardia myricifolia</i>	1 / 1	7
2.51	173	lotebush	<i>Ziziphus parryi var. parryi</i>	2 / 2	6
2.51	174 ~	virgin's bower	<i>Clematis lasiantha</i>	1 / 1	7
2.52	175	wild-cucumber	<i>Marah macrocarpus var. macrocarpus</i>	2 / 2	52
2.52	176	California juniper	<i>Juniperus californica</i>	1 / 1	12
2.53	177	desert spike-moss	<i>Selaginella eremophila</i>	10 / 1	16
2.53	178	red-gland spurge	<i>Chamaesyce melanadenia</i>	20 / 2	4
2.62	179	sacred datura	<i>Datura wrightii</i>	1 / 1	29
2.65		Note spring area so 40 feet or so up the south canyon wall, which may contain Typha sp. End plant trail guide.			
5.30		Back at Trailhead			

[http://tchester.org/sd/plants/guides/anza\\_borrogo/hellhole\\_canyon.html](http://tchester.org/sd/plants/guides/anza_borrogo/hellhole_canyon.html)  
 Last update: 22 January 2010.

## Anza-Borrogo: Plant Guide To Hellhole Canyon Trail

mile	s #	id	Common Name	Latin Name	#here	#all
0.00			Begin guide at use trail from middle of west end of parking lot, not at the sign at the entrance to the lot; elevation ~880 feet (270 m)			
0.00	b 1		*Mediterranean schismus	<i>Schismus barbatus</i>	99 / 9	52
0.00	b 2		small-seeded spurge	<i>Chamaesyce polycarpa</i>	99 / 9	55
0.00	c 3		*redstem filaree	<i>Erodium cicutarium</i>	99 / 9	82
0.00	1 4		California suncup	<i>Camissonia californica</i>	99 / 9	62
0.00	1 5		indigo bush	<i>Psorothamnus schottii</i>	30 / 9	48
0.00	1 6		hairy-podded pepper-grass	<i>Lepidium lasiocarpum var. lasiocarpum</i>	99 / 9	32
0.00	r 7	~	bearded cryptantha	<i>Cryptantha barbiger</i>	99 / 9	22
0.00	r 8		ocotillo	<i>Fouquieria splendens ssp. splendens</i>	20 / 9	51
0.00	1 9		Fremont pincushion	<i>Chaenactis fremontii</i>	99 / 9	13
0.00	b 10		cheesebush	<i>Hymenoclea salsola var. salsola</i>	20 / 9	45
0.00	1 11		desert dandelion	<i>Malacothrix glabrata</i>	99 / 9	18
0.00	1 12		desert star	<i>Monoptilon bellioides</i>	99 / 9	10
0.00	1 13		California filago	<i>Filago californica</i>	99 / 9	32
0.00	r		Check for Sonoran spurge, <i>Chamaesyce micromera</i>			
0.01	b 14		desert trumpet	<i>Eriogonum inflatum</i>	10 / 9	39
0.01	r 15		dwarf filago	<i>Filago depressa</i>	20 / 5	2
0.01	r 16	sp	different Cryptantha	<i>Cryptantha sp.</i>		/
0.01	b 17		wire-lettuce	<i>Stephanomeria pauciflora var. pauciflora</i>	20 / 9	51
0.01	1 18		purple mat	<i>Nama demissum var. demissum</i>	2 / 2	7
0.01	1 19		gander's cholla	<i>Opuntia ganderi</i>	50 / 9	39
0.01	1		(brittlebush, <i>Encelia farinosa</i> )			
0.01	1 20	sp	nemacladus	<i>Nemacladus sp.</i>	1 / 1	
0.01	b 21		desert calico	<i>Loeseliastrum matthewsii</i>	2 / 1	4
0.01	r 22		common phacelia	<i>Phacelia distans</i>	99 / 9	37
0.01	r 23		downy dalea	<i>Dalea mollissima</i>	1 / 1	5
0.01	r 24		white rhatany	<i>Krameria grayi</i>	5 / 2	40
0.01	r 25		burroweed	<i>Ambrosia dumosa</i>	20 / 9	52
0.02	r 26		California fagonia	<i>Fagonia laevis</i>	3 / 3	25
0.02	r 27	sp	comb bur	<i>Pectocarya sp.</i>	1 / 1	
0.02	r 28		brittle spineflower	<i>Chorizanthe brevicornu var. brevicornu</i>	10 / 9	32
0.03	1 29		New Mexico ditaxis	<i>Ditaxis neomexicana</i>	50 / 9	3
0.03	1 30		creosote bush	<i>Larrea tridentata</i>	20 / 9	55



1 115	goldfields	<i>Lasthenia californica</i>	2 / 1	15	0.35 r 55	desert lavender	<i>Hyptis emoryi</i>	50 / 9	45
2.12 1 116	scarlet spiderling	<i>Boerhavia coccinea</i>	10 / 1	3	0.36 l	(star gilia, <i>Gilia stellata</i> )			
2.12	Take left braid of trail, squeezing through narrow passageway between boulders, if you want to see the next ten species here; a mortero is just ahead on right braid of trail, which is a much easier way to go in 2010				0.38 r 56	Bigelow's monkeyflower	<i>Mimulus bigelovii</i> var. <i>bigelovii</i>	99 / 9	12
2.13	Cross stream to left				0.39 r 57	desert chicory	<i>Rafinesquia neomexicana</i>	10 / 9	24
2.13 1	(arrow-leaf, <i>Pleurocoronis plurisetata</i> )				0.45 r 58	Pima rhatany	<i>Krameria erecta</i>	5 / 2	15
2.13 r 117 ~	*whorled dock	<i>Rumex conglomeratus</i>	1 / 1	13	0.47 l	Jct. wash; stay right			
2.13 1 118	desert tobacco	<i>Nicotiana obtusifolia</i>	5 / 2	20	0.50 l 59	Parish's poppy	<i>Eschscholzia parishii</i>	2 / 2	15
2.13 r 119	red willow	<i>Salix laevigata</i>	5 / 3	32	0.56 l 60	desert agave	<i>Agave deserti</i>	10 / 4	31
2.14 b 120	narrowleaf willow	<i>Salix exigua</i>	5 / 3	15	0.56 l	(jojoba, <i>Simmondsia chinensis</i> ; California barrel cactus, <i>Ferocactus cylindraceus</i> )			
2.15 r 121	*prickly sow thistle	<i>Sonchus asper</i> ssp. <i>asper</i>	2 / 1	34		Search for any occurrence of barrel cactus on trail			
2.15 1 122 ~	caterpillar phacelia	<i>Phacelia cicutaria</i> var. <i>hispida</i>	5 / 1	26	0.58	Enter open flattish gravelly area; second bit of shade from two more tall ocotillos			
2.15 1 123	narrow-leaved miner's lettuce	<i>Claytonia parviflora</i> ssp. <i>parviflora</i>	3 / 1	25	0.63 r 61	Engelmann's hedgehog cactus	<i>Echinocereus engelmannii</i>	5 / 3	24
2.15 r 124	mule fat	<i>Baccharis salicifolia</i>	5 / 3	46	0.64 r 62	teddy-bear cholla	<i>Opuntia bigelovii</i>	50 / 9	33
2.15 1 125	blue elderberry	<i>Sambucus mexicana</i>	1 / 1	70	0.65 l	Jct. wash coming in almost parallel to this trail			
2.16	Cross stream to right				0.68 l 63	star gilia	<i>Gilia stellata</i>	1 / 1	12
2.16 1	(honey mesquite, <i>Prosopis glandulosa</i> var. <i>torreyana</i> )				0.68 l 64	white fiesta flower	<i>Pholistoma membranaceum</i>	99 / 9	15
2.16 1 126	Fremont cottonwood	<i>Populus fremontii</i> ssp. <i>fremontii</i>	2 / 2	19	0.70 l 65 ~	hairy six-weeks fescue	<i>Vulpia octoflora</i> var. <i>hirtella</i>	20 / 5	2
2.16 1	(mountain California-fuchsia, <i>Epilobium canum</i> ssp. <i>latifolium</i> )				0.70	Enter a teddy-bear cholla, <i>Opuntia bigelovii</i> forest.			
2.18 r 127 ~	slender buckwheat	<i>Eriogonum gracile</i> var. <i>incultum</i>	3 / 1	8	0.70 1	(Mojave ragwort, <i>Senecio mohavensis</i> ; apricot mallow, <i>Sphaeralcea ambigua</i> var. <i>ambigua</i> ; woolly lipfern, <i>Cheilanthes parryi</i> )			
2.19	Cross stream to left				0.72 1 66	Parish's viguiera	<i>Viguiera parishii</i>	20 / 9	28
2.19 1 128	white mugwort	<a href="#"><i>Artemisia ludoviciana</i> ssp. <i>albula</i><sup>±</sup></a>	10 / 3	11	0.72 1 67	California trixis	<i>Trixis californica</i> var. <i>californica</i>	10 / 7	29
2.20	Cross stream to right and rejoin right braid of trail				0.73 b 68	jojoba	<i>Simmondsia chinensis</i>	10 / 4	27
2.24	Meet stream and head upstream				0.73 1 69	eucrypta	<i>Eucrypta chrysanthemifolia</i> var. <i>bipinnatifida</i>	5 / 2	6
2.25 b 129	mountain California-fuchsia	<i>Epilobium canum</i> ssp. <i>latifolium</i>	50 / 2	66	0.75 1	(desert woolly-star, <i>Eriastrum eremicum</i> ssp. <i>eremicum</i> ; intermediate larkspur, <i>Delphinium parishii</i> ssp. <i>subglobosum</i> )			
2.25 1 130	California cloak fern	<i>Notholaena californica</i>	2 / 1	6	0.77 r	Sign: "Warning"; but the object of the warning is missing on the sign.			
2.25 1	(ayenia, <i>Ayenia compacta</i> )				0.82 r 70	California fish-hook cactus	<i>Mammillaria dioica</i>	2 / 1	23
131	Need to locate first occurrence on trailayenia	<i>Ayenia compacta</i>	10 / 3	11	71	wishbone plant	<i>Mirabilis bigelovii</i> var. <i>retrorsa</i>	20 / 7	28
2.25 r 132	deergoass	<i>Muhlenbergia rigens</i>	5 / 1	40	0.89 r	Jct old road; look directly north at a close double peak; the rightmost peak is "Ode" at 1510 feet (460 m)			
2.25 1	Check for grass that looked like California brome, <i>Bromus carinatus</i> var. <i>carinatus</i>				0.90 r 72	trailing four o'clock	<i>Allionia incarnata</i>	5 / 1	11
2.26 r 133	wild celery	<i>Apiastrum angustifolium</i>	5 / 1	17	0.90 r 73	needle grama	<i>Bouteloua aristidoides</i> var. <i>aristidoides</i>	20 / 5	7
2.26 1 134	*slender wild oats	<i>Avena barbata</i>	50 / 5	48	0.91 l 74	fringed amaranth	<i>Amaranthus fimbriatus</i>	10 / 9	11
2.26 1 135	sticky lipfern	<i>Cheilanthes viscida</i>	5 / 2	4	0.98 l sp	(2 lv'd ephedra, <i>Ephedra</i> sp. (2 lv'd))			
2.26 136	threadstem	<i>Pterostegia drymarioides</i>	3 / 1	45	1.02 1 75	bajada lupine	<i>Lupinus concinnus</i>	5 / 2	38
2.26 r 137	Mojave ragwort	<a href="#"><i>Senecio mohavensis</i><sup>±</sup></a>	5 / 1	18	1.05 r	(Vasey's sage, <i>Salvia vaseyi</i> )			
					1.14 1 76	San Felipe dogweed	<i>Adenophyllum porophylloides</i>	10 / 9	28

