

Appendix 5.
Biological Resources Data

PLANT SPECIES OBSERVED ON THE ANTELOPE PROJECT SITE

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME	Seg. 2	Seg. 3
Aizoaceae	<i>Sesuvium verrucosum</i>	western sea-purslane	X	X
Amaranthaceae	<i>Amaranthus californicus</i>	California amaranth	X	X
Anacardiaceae	<i>Rhus trilobata</i>	squawbush	X	X
	<i>Toxicodendron diversilobum</i>	poison oak	X	X
Apiaceae	<i>Lomatium dasycarpum</i> ssp. <i>tomentosum</i>	woolly-fruited lomatium	X	X
	<i>Lomatium mohavense</i>	Mojave lomatium	X	X
	<i>Sanicula crassicaulis</i>	Pacific sanicle	X	X
Apocynaceae	<i>Amsonia tomentosa</i>	woolly amsonia	X	
Asclepiadaceae	<i>Asclepias californica</i>	California milkweed		X
Asteraceae	<i>Acamptopappus sphaerocephalus</i> var. <i>hirtellus</i>	hairy goldenhead	X	
	<i>Agoseris heterophylla</i>	annual agoseris		X
	<i>Ambrosia acanthicarpa</i>	annual burrweed	X	
	<i>Ambrosia dumosa</i>	burro-weed	X	
	<i>Ambrosia pumila</i>	San Diego ambrosia	X	
	<i>Anisocoma acaulis</i>	scale-bud	X	
	<i>Artemisia californica</i>	California sagebrush		X
	<i>Artemisia douglasiana</i>	mugwort		X
	<i>Artemisia dracunculus</i>	tarragon		X
	<i>Artemisia tridentata</i> ssp. <i>parishii</i>	Parish's sagebrush	X	X
	<i>Artemisia tridentata</i> ssp. <i>tridentata</i>	big sagebrush		X
	<i>Baccharis sergiloides</i>	desert baccharis	X	X
	<i>Baccharis salicifolia</i>	mulefat		X
	<i>Baileya pleniradiata</i>	woolly marigold	X	
	<i>Balsamorhiza sagittata</i>	arrow-leaved balsam-root		X
	<i>Brickellia californica</i>	California brickellia	X	X
	<i>Calycoseris parryi</i>	yellow tackstem	X	
	<i>Carthamus tinctorius</i>	safflower	X	
	<i>Centaurea solstitialis</i>	yellow star-thistle	X	X
	<i>Chaenactis carphoclinia</i>	pebble pincushion	X	X
	<i>Chaenactis fremontii</i>	Fremont pincushion	X	
	<i>Chaenactis glabriuscula</i> DC. var. <i>lanosa</i>	yellow chaenactis		X
	<i>Chaenactis glabriuscula</i> var. <i>orcuttiana</i>	Orcutt's yellow chaenactis	X	
	<i>Chaenactis xantiana</i>	Xantus' chaenactis	X	
	<i>Chrysothamnus nauseosus</i> ssp. <i>mohavensis</i>	Mohave common rabbitbrush	X	X
	<i>Chrysothamnus nauseosus</i> ssp. <i>consimilis</i>	rabbitbrush	X	
	<i>Chrysothamnus teretifolius</i>	needle-leaved rabbitbrush	X	
	<i>Cirsium mohavense</i>	Mojave thistle	X	X
	<i>Cirsium occidentale</i> var. <i>californicum</i>	California thistle		X
	<i>Cnicus benedictus</i>	blessed thistle		X
	<i>Coreopsis bigelovii</i>	Bigelow's coreopsis		X
	<i>Coreopsis californica</i> var. <i>californica</i>	California coreopsis	X	X
	<i>Coreopsis calliopsidea</i>	leafy-stemmed coreopsis	X	X

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	<i>Encelia californica</i>	California encelia	X	X
	<i>Encelia farinosa</i>	incienso	X	X
	<i>Encelia frutescens</i>	button encelia	X	
	<i>Encelia virginensis</i>	Virgin River encelia	X	X
	<i>Ericameria cooperi</i> var. <i>cooperi</i>	Cooper's goldenbush	X	X
	<i>Ericameria cuneata</i> var. <i>cuneata</i>	interior goldenbush		X
	<i>Ericameria linearifolia</i>	interior goldenbush	X	
	<i>Eriophyllum ambiguum</i>	annual woolly sunflower	X	X
	<i>Eriophyllum confertiflorum</i> var. <i>confertiflorum</i>	golden yarrow		X
	<i>Eriophyllum pringlei</i>	Pringle's woolly sunflower	X	X
	<i>Eriophyllum wallacei</i>	Wallace's woolly daisy	X	X
	<i>Filago depressa</i>	dwarf herba impia	X	X
	<i>Gnaphalium californicum</i>	California everlasting	X	X
	<i>Grindelia camporum</i> var. <i>camporum</i>	Great Valley gumweed	X	X
	<i>Grindelia squarrosa</i> var. <i>serrulata</i>	curlycup gumweed	X	X
	<i>Gutierrezia californica</i>	California matchweed	X	X
	<i>Gutierrezia sarothrae</i>	broom snakeweed	X	
	<i>Helianthus annuus</i>	common sunflower	X	X
	<i>Heterotheca grandiflora</i>	telegraph weed	X	X
	<i>Hymenoclea salsola</i> var. <i>patula</i>	burrobrush	X	
	<i>Hymenoclea salsola</i> var. <i>salsola</i>	burrobrush	X	X
	<i>Isocoma acradenia</i>	alkali goldenbush	X	X
	<i>Iva axillaris</i>	povertyweed	X	X
	<i>Lactuca saligna</i>	narrow-leaved wild -lettuce	X	X
	<i>Lasthenia californica</i>	common goldfields		X
	<i>Layia glandulosa</i>	white layia	X	X
	<i>Lepidospartum latisquamum</i>	scale-broom		X
	<i>Lepidospartum squamatum</i>	scale-broom	X	X
	<i>Lessingia filaginifolia</i> var. <i>californica</i>	California -aster		X
	<i>Lessingia lemmonii</i> var. <i>elmmonii</i>	Lemmon's lessingia	X	X
	<i>Lessingia lemmonii</i> var. <i>peirsonii</i>	Peirson's lessingia	X	X
	<i>Malacothrix coulteri</i>	snake's head	X	X
	<i>Malacothrix glabrata</i>	desert dandelion	X	X
	<i>Malacothrix sonchoides</i>	sow-thistle malacothrix	X	X
	<i>Monoptilon bellioides</i>	Mojave desert star	X	X
	<i>Prenanthes exigua</i>	bright-white	X	
	<i>Psathyrotes annua</i>	annual psathyrotes	X	
	<i>Rafinesquia neomexicana</i>	desert chicory		X
	<i>Senecio flaccidus</i> var. <i>flaccidus</i>	Douglas' shrubby ragwort	X	
	<i>Senecio flaccidus</i> var. <i>douglasii</i>	Douglas' shrubby ragwort		X
	<i>Solidago californica</i>	oreja de liebre	X	X
	<i>Solidago confinis</i>	southern goldenrod	X	X
	<i>Sonchus asper</i> ssp. <i>asper</i>	prickly sow thistle	X	X

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME	Seg. 2	Seg. 3
	<i>Sonchus oleraceus</i>	common sow thistle	X	X
	<i>Stephanomeria exigua</i> ssp. <i>exugua</i>	small wirelettuce	X	X
	<i>Stephanomeria exigua</i> ssp. <i>carotifera</i>	white-plume stephanomeria	X	X
	<i>Stephanomeria parryi</i>	Parry's stephanomeria	X	X
	<i>Stephanomeria pauciflora</i> var. <i>pauciflora</i>	wire-lettuce	X	X
	<i>Stephanomeria tenuifolia</i>	narrow-leaved wire -lettuce	X	X
	<i>Stylocline gnaphaloides</i>	everlasting nest-straw	X	
	<i>Stylocline micropoides</i>	desert nest straw	X	X
	<i>Syntrichopappus fremontii</i>	Fremont's syntrichopappus	X	
	<i>Tetradymia axillaris</i>	catclaw horsebrush	X	X
	<i>Tetradymia glabrata</i>	little-leaf horsebrush	X	X
	<i>Trixis californica</i> var. <i>californica</i>	California trixis	X	
	<i>Xylorhiza tortifolia</i> var. <i>tortifolia</i>	Mojave-aster	X	X
Boraginaceae	<i>Amsinckia menziesii</i> var. <i>intermedia</i>	orange-flowered Menzies'	X	X
	<i>Amsinckia menziesii</i> var. <i>menziesii</i>	orange-flowered fiddleneck	X	X
	<i>Amsinckia tessellata</i> var. <i>tessellata</i>	devil's lettuce	X	X
	<i>Cryptantha angustifolia</i>	narrow-leaved cryptantha	X	X
	<i>Cryptantha circumscissa</i>	cushion cryptantha	X	
	<i>Cryptantha echinella</i>	prickly cryptantha	X	X
	<i>Cryptantha intermedia</i>	common cryptantha	X	X
	<i>Cryptantha maritima</i>	Guadalupe cryptantha	X	
	<i>Cryptantha maritima</i> var. <i>pilosa</i>	Guadalupe cryptantha		X
	<i>Cryptantha micrantha</i>	purple-root cryptantha	X	
	<i>Cryptantha nevadensis</i>	Nevada cryptantha	X	X
	<i>Cryptantha oxygona</i>	sharp-nut cryptantha	X	
	<i>Cryptantha pterocarya</i>	wing-nut cryptantha	X	X
	<i>Cryptantha similis</i>	cushion cryptantha	X	
	<i>Heliotropium convolvulaceum</i>	seaside heliotrope	X	
	<i>Heliotropium curassavicum</i>	seaside heliotrope		X
	<i>Pectocarya heterocarpa</i>	chuckwalla pectocarya	X	X
	<i>Pectocarya setosa</i>	moth combseed	X	X
	<i>Plagiobothrys arizonicus</i>	Arizona popcorn flower	X	
	<i>Plagiobothrys canescens</i>	grey popcorn flower	X	X
Brassicaceae	<i>Arabis pulchra</i>	beautiful rock-cress	X	
	<i>Arabis sparsiflora</i>	rock cress		X
	<i>Brassica nigra</i>	black mustard	X	X
	<i>Brassica rapa</i>	field mustard	X	X
	<i>Brassica tourneforti</i>	field mustard	X	
	<i>Cardaria draba</i>	heart-podded hoary-cress	X	
	<i>Caulanthus cooperi</i>	Cooper's jewel-flower	X	X
	<i>Erysimum capitatum</i> ssp. <i>perenne</i>	western wallflower		X
	<i>Erysimum capitatum</i> ssp. <i>capitatum</i>	western wallflower	X	
	<i>Lepidium fremontii</i> var. <i>fremontii</i>	desert pepper-grass	X	X

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	<i>Lepidium lasiocarpum</i> var. <i>lasiocarpum</i>	hairy-podded pepper-grass	X	
	<i>Lepidium nitidum</i> var. <i>howellii</i>	Howell's pepper-grass	X	X
	<i>Rorippa nasturtium-aquaticum</i>	water cress		X
	<i>Sisymbrium altissimum</i>	tumble-mustard	X	X
	<i>Sisymbrium irio</i>	London rocket	X	X
	<i>Sisymbrium officinale</i>	London rocket	X	X
	<i>Stanleya pinnata</i>	prince's plume	X	X
	<i>Thysanocarpus curvipes</i>	common fringe-pod	X	X
Cactaceae	<i>Opuntia basilaris</i> var. <i>basilaris</i>	beavertail cactus	X	
	<i>Opuntia basilaris</i> var. <i>brachyclada</i>	short-joint beavertail		X
	<i>Opuntia echinocarpa</i>	silver or golden cholla	X	X
	<i>Opuntia ramosissima</i>	pencil cactus	X	X
Capparaceae	<i>Isomeris arborea</i>	bladderpod	X	X
Caprifoliaceae	<i>Sambucus mexicana</i>	blue elderberry		X
Caryophyllaceae	<i>Arenaria macradenia</i> var. <i>macradenia</i>	desert sandwort		X
	<i>Herniaria hirsuta</i> ssp. <i>hirsuta</i>	hairy herniaria	X	
	<i>Spergularia rubra</i>	red sandspurry		X
Chenopodiaceae	<i>Atriplex canescens</i> ssp. <i>laciniata</i>	shadscale	X	
	<i>Atriplex canescens</i> ssp. <i>canescens</i>	shadscale	X	X
	<i>Atriplex confertifolia</i>	shadscale	X	X
	<i>Atriplex lentiformis</i>	big saltbush	X	X
	<i>Atriplex polycarpa</i>	cattle saltbush	X	X
	<i>Atriplex serenana</i> ssp. <i>serenana</i>	saltscale	X	
	<i>Atriplex rosea</i>	tumbling oracle	X	X
	<i>Chenopodium fremontii</i>	Fremont's goosefoot	X	X
	<i>Krascheninnikovia lanata</i>	winter fat		X
	<i>Salsola tragus</i>	tumbleweed	X	X
	<i>Suaeda moquinii</i>	bush seepweed	X	X
Convolvulaceae	<i>Calystegia peirsonii</i>	Peirson's morning-glory		X
Crassulaceae	<i>Dudleya cymosa</i> ssp. <i>pumila</i>	low canyon dudleya		X
	<i>Dudleya lanceolata</i>	lanceleaf dudleya	X	
Cucurbitaceae	<i>Cucurbita foetidissima</i>	calabazilla	X	
Cupressaceae	<i>Juniperus californica</i>	California juniper	X	X
Cuscutaceae	<i>Cuscuta californica</i>	California dodder	X	X
	<i>Cuscuta indecora</i> var. <i>neuropetala</i>	nerve-petaled dodder	X	
Cyperaceae	<i>Cyperus laevigatus</i>	smooth flatsedge	X	X
	<i>Scirpus robustus</i>	big bulrush	X	X
Ephedraceae	<i>Ephedra nevadensis</i>	Nevada ephedra	X	X
	<i>Ephedra viridis</i>	Nevada ephedra	X	X
Ericaceae	<i>Arctostaphylos glauca</i>	big-berry manzanita		X
Euphorbiaceae	<i>Chamaesyce albomarginata</i>	rattlesnake weed	X	X
	<i>Chamaesyce micromera</i>	Sonoran spurge	X	
	<i>Chamaesyce parishii</i>	Parish's spurge	X	X

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME	Seg. 2	Seg. 3
	<i>Chamaesyce polycarpa</i>	small-seeded spurge	X	X
	<i>Croton californicus</i>	California croton	X	X
	<i>Eremocarpus setigerus</i>	turkey mullein	X	X
Fabaceae	<i>Astragalus acutirostris</i>	beaked rattle-weed	X	X
	<i>Astragalus didymocarpus</i>	dwarf white milk-vetch	X	
	<i>Astragalus lentiginosus</i> var. <i>albifolius</i>	white-leaved milk-vetch	X	
	<i>Astragalus lentiginosus</i> var. <i>variabilis</i>	freckled milk-vetch	X	X
	<i>Astragalus trichopodus</i> var. <i>phoxus</i>	Santa Barbara milk-vetch	X	X
	<i>Lotus heermannii</i>	Heermann's lotus	X	X
	<i>Lotus micranthus</i>	small-flowered lotus	X	X
	<i>Lotus procumbens</i> var. <i>procumbens</i>	silky California broom		X
	<i>Lotus purshianus</i> var. <i>purshianus</i>	Spanish clover		X
	<i>Lotus strigosus</i>	strigose lotus		X
	<i>Lotus wrangelianus</i>	Chilean lotus		X
	<i>Lupinus bicolor</i>	miniature lupine	X	X
	<i>Lupinus concinnus</i>	bajada lupine	X	X
	<i>Lupinus hirsutissimus</i>	stinging lupine	X	X
	<i>Lupinus microcarpus</i> var. <i>densiflorus</i>	chick lupine	X	X
	<i>Lupinus sparsiflorus</i>	Coulter's lupine	X	X
	<i>Medicago sativa</i>	Alfalfa		X
	<i>Melilotus alba</i>	white sourclover	X	X
	<i>Melilotus indica</i>	sourclover	X	X
	<i>Psoralea fremontii</i>	Fremont's indigo-bush	X	X
Fagaceae	<i>Quercus berberidifolia</i>	inland scrub oak		X
	<i>Quercus chrysolepis</i>	canyon live oak		X
	<i>Quercus john-tuckeri</i>	Tucker's oak		X
	<i>Quercus lobata</i>	valley oak		X
	<i>Quercus wislizeni</i>	interior live oak		X
Geraniaceae	<i>Erodium botrys</i>	long-beaked filaree	X	X
	<i>Erodium cicutarium</i>	red-stemmed filaree	X	X
	<i>Erodium texanum</i>	filaree	X	
Grossulariaceae	<i>Ribes velutinum</i>	desert gooseberry		X
Hydrophyllaceae	<i>Emmenanthe penduliflora</i> var. <i>penduliflora</i>	whispering bells	X	X
	<i>Eriodictyon tomentosum</i>	woolly yerba santa		X
	<i>Eriodictyon trichocalyx</i> var. <i>trichocalyx</i>	hairy yerba santa	X	
	<i>Eucrypta micrantha</i>	desert eucrypta	X	X
	<i>Phacelia affinis</i>	limestone phacelia	X	
	<i>Phacelia campanularia</i> ssp. <i>campanularia</i>	desert-bells	X	X
	<i>Phacelia fremontii</i>	common phacelia	X	
	<i>Phacelia lemmonii</i>	Lemmon's phacelia	X	X
	<i>Phacelia tanacetifolia</i>	tansy-leafed phacelia		X
	<i>Tricardia watsonii</i>	three-hearts	X	
	<i>Turricula parryi</i>	poodle-dog bush	X	

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Iridaceae	<i>Iris pseudacorus</i>	water iris		X
Juncaceae	<i>Juncus mexicanus</i>	Mexican rush	X	X
Lamiaceae	<i>Marrubium vulgare</i>	horehound	X	X
	<i>Salvia apiana</i>	white sage		X
	<i>Salvia columbariae</i>	chia sage	X	X
	<i>Salvia mellifera</i>	black sage		X
Liliaceae	<i>Allium fimbriatum</i>	fringed onion	X	X
	<i>Allium lacunosum</i> var. <i>davisiae</i>	Davis' pitted onion	X	
	<i>Calochortus invenustus</i>	plain mariposa		X
	<i>Calochortus kennedyi</i> var. <i>kennedyi</i>	red mariposa	X	X
	<i>Chlorogalum pomeridianum</i> var. <i>pomeridianum</i>	common soaproot	X	X
	<i>Dichelostemma capitatum</i> ssp. <i>pulchellum</i>	blue dicks	X	
	<i>Dichelostemma capitatum</i> ssp. <i>capitatum</i>	blue dicks	X	X
	<i>Yucca brevifolia</i>	joshua tree	X	X
	<i>Yucca schidigera</i>	Mohave yucca	X	
	<i>Yucca whipplei</i>	chaparral yucca		X
	<i>Zigadenus brevibracteatus</i>	desert death-camas	X	
Loasaceae	<i>Mentzelia affinis</i>	yellow blazing star	X	X
	<i>Mentzelia albicaulis</i>	white-stemmed blazing star	X	X
	<i>Mentzelia congesta</i>	clustered blazing star	X	X
	<i>Mentzelia nitens</i>	shining blazing star	X	X
	<i>Mentzelia veatchiana</i>	Veatch's blazing star	X	
	<i>Petalonyx thurberi</i>	Thurber's sandpaper-plant	X	
Malvaceae	<i>Eremalche exilis</i>	white mallow	X	X
	<i>Sphaeralcea ambigua</i>	apricot mallow	X	X
Nyctaginaceae	<i>Mirabilis bigelovii</i> var. <i>bigelovii</i>	Bigelow's desert four-o'clock	X	X
	<i>Mirabilis bigelovii</i> var. <i>retrorsa</i>	wishbone plant	X	X
	<i>Mirabilis californica</i>	California four o'clock	X	X
	<i>Mirabilis multiflora</i> var. <i>pubescens</i>	desert four o'clock	X	X
Oleaceae	<i>Forestiera pubescens</i>	desert olive	X	X
Onagraceae	<i>Camissonia boothii</i> ssp. <i>desertorum</i>	Booth's desert primrose	X	X
	<i>Camissonia brevipes</i>	yellow cups	X	X
	<i>Camissonia californica</i>	California sun-cup	X	X
	<i>Camissonia campestris</i> ssp. <i>campestris</i>	field sun-cup		X
	<i>Camissonia claviformis</i> ssp. <i>claviformis</i>	clavate-fruited primrose	X	X
	<i>Camissonia graciliflora</i>	hill sun-cup		X
	<i>Camissonia pallida</i> ssp. <i>pallida</i>	pale sun-cup	X	
	<i>Clarkia purpurea</i> ssp. <i>quadrivulnera</i>	purple clarkia		X
	<i>Clarkia unguiculata</i>	woodland clarkia		X
	<i>Epilobium brachycarpum</i>	autumn willowweed	X	X
	<i>Oenothera caespitosa</i> ssp. <i>marginata</i>	white desert-primrose	X	X
Papaveraceae	<i>Dendromecon rigida</i>	bush poppy		X
	<i>Eschscholzia caespitosa</i>	tufted eschscholzia		X

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	<i>Eschscholzia californica</i>	California poppy	X	X
	<i>Eschscholzia californica</i> ssp. <i>mexicana</i>	California poppy	X	
	<i>Eschscholzia minutiflora</i> ssp. <i>covillei</i>	Coville's pygmy poppy	X	X
Pinaceae	<i>Pinus coulteri</i>	Coulter pine		X
	<i>Pinus jeffreyi</i>	Jeffrey Pine		X
	<i>Pinus sabiniana</i>	foothill pine		X
Plantaginaceae	<i>Plantago ovata</i>	desert plantain		X
Poaceae	<i>Achnatherum hymenoides</i>	Indian ricegrass	X	X
	<i>Achnatherum occidentale</i>	western needlegrass		X
	<i>Achnatherum speciosum</i>	desert needlegrass	X	X
	<i>Aristida divaricata</i>	poverty three-awn	X	X
	<i>Avena barbata</i>	slender wild oats	X	X
	<i>Avena fatua</i>	wild oats	X	X
	<i>Bromus diandrus</i>	ripgut brome	X	X
	<i>Bromus hordeaceus</i> ssp. <i>molliformis</i>	soft chess	X	X
	<i>Bromus madritensis</i> ssp. <i>rubens</i>	red brome	X	X
	<i>Bromus tectorum</i>	cheatgrass	X	X
	<i>Bromus trinii</i>	Chilean chess	X	X
	<i>Cynodon dactylon</i>	bermuda grass	X	X
	<i>Distichlis spicata</i>	saltgrass	X	X
	<i>Elymus elymoides</i> ssp. <i>elymoides</i>	squirreltail	X	X
	<i>Elymus glaucus</i> ssp. <i>glaucus</i>	blue wildrye	X	X
	<i>Elymus trachycaulus</i>	wildrye		X
	<i>Eragrostis mexicana</i> ssp. <i>mexicana</i>	New Mexico lovegrass	X	
	<i>Hesperostipa comata</i> ssp. <i>comata</i>	needle & thread grass	X	
	<i>Hordeum marinum</i> ssp. <i>gussoneanum</i>	Mediterranean barley	X	X
	<i>Hordeum murinum</i> ssp. <i>leporinum</i>	foxtail barley	X	X
	<i>Hordeum jubatum</i>	Foxtail barley	X	X
	<i>Leymus cinereus</i>	gray wild-rye		X
	<i>Leymus condensatus</i>	giant wild-rye	X	X
	<i>Lolium multiflorum</i>	Italian rye-grass	X	X
	<i>Muhlenbergia andina</i>	foxtail muhly	X	X
	<i>Nassella cernua</i>	nodding needlegrass		X
	<i>Nassella pulchra</i>	purple needlegrass		X
	<i>Pennisetum villosum</i>	feathertop	X	
	<i>Poa annua</i>	annual blue grass	X	X
	<i>Poa secunda</i> ssp. <i>juncaefolia</i>	one-sided blue grass		X
	<i>Poa secunda</i> ssp. <i>secunda</i>	one-sided blue grass	X	X
	<i>Polypogon monspeliensis</i>	annual beard grass	X	X
	<i>Schismus arabicus</i>	Mediterranean grass	X	X
	<i>Schismus barbatus</i>	common Mediterranean grass	X	X
	<i>Vulpia bromoides</i>	brome fescue	X	X
	<i>Vulpia microstachys</i> var. <i>ciliata</i>	Eastwood fescue	X	X

Antelope Transmission Project, Segments 2 & 3
Appendix 5. BIOLOGICAL RESOURCES DATA

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME	Seg. 2	Seg. 3
	<i>Vulpia myuros</i> var. <i>hirsuta</i>	rattail fescue	X	X
	<i>Vulpia myuros</i> var. <i>myuros</i>	rattail fescue	X	X
	<i>Vulpia octoflora</i> var. <i>octoflora</i>	six-weeks fescue	X	X
Polemoniaceae	<i>Eriastrum densifolium</i> ssp. <i>mohavense</i>	giant eriastrum		X
	<i>Eriastrum densifolium</i> ssp. <i>densifolium</i>	giant eriastrum	X	
	<i>Eriastrum diffusum</i>	miniature eriastrum		X
	<i>Eriastrum eremicum</i> ssp. <i>eremicum</i>	desert eriastrum	X	X
	<i>Gilia brecciarum</i>	Nevada gilia	X	
	<i>Gilia filiformis</i>	yellow gilia	X	
	<i>Gilia leptomeria</i>	Great Basin gilia	X	X
	<i>Gilia micromeria</i>	dainty gilia	X	X
	<i>Gilia minor</i>	little gilia	X	X
	<i>Gilia ochroleuca</i>	volcanic gilia	X	X
	<i>Gilia sinuata</i>	rosy gilia	X	
	<i>Gilia stellata</i>	star gilia	X	X
	<i>Gilia transmontana</i>	trans-montane gilia	X	X
	<i>Langloisia setosissima</i>	bristly langloisia	X	
	<i>Leptodactylon californicum</i>	prickly phlox		X
	<i>Linanthus aureus</i>	golden linanthus	X	X
	<i>Linanthus breviculus</i>	Mojave linanthus	X	
	<i>Linanthus dichotomus</i>	evening-snow	X	X
	<i>Linanthus parryae</i>	sand-blossoms	X	
	<i>Loeseliastrum matthewsii</i>	desert calico	X	
	<i>Loeseliastrum schottii</i>	Schott's calico	X	X
Polygonaceae	<i>Chorizanthe brevicornu</i> var. <i>brevicornu</i>	brittle spineflower	X	
	<i>Chorizanthe corrugata</i>	wrinkled spineflower	X	
	<i>Chorizanthe xanti</i>	Xantus' spineflower	X	X
	<i>Eriogonum brachyanthum</i>	short-flowered buckwheat	X	X
	<i>Eriogonum deflexum</i> var. <i>deflexum</i>	flat-topped buckwheat	X	X
	<i>Eriogonum elongatum</i> var. <i>elongatum</i>	long-stemmed buckwheat		X
	<i>Eriogonum fasciculatum</i> var. <i>foliolosum</i>	California buckwheat	X	X
	<i>Eriogonum fasciculatum</i> var. <i>polifolium</i>	California buckwheat	X	X
	<i>Eriogonum gracillimum</i>	rose and white buckwheat	X	X
	<i>Eriogonum heermannii</i>	Heermann's buckwheat		X
	<i>Eriogonum inflatum</i> var.	desert trumpet	X	
	<i>Eriogonum inflatum</i> var. <i>inflatum</i>	desert trumpet	X	X
	<i>Eriogonum maculatum</i>	spotted buckwheat	X	X
	<i>Eriogonum nidularium</i>	birdnest buckwheat	X	X
	<i>Eriogonum ordii</i>	Fort Mojave buckwheat	X	X
	<i>Eriogonum pusillum</i>	yellow-turbans	X	X
	<i>Eriogonum trichopes</i> var. <i>trichopes</i>	little desert buckwheat	X	X
	<i>Eriogonum viridescens</i>	bright green buckwheat	X	X
	<i>Mucronea perfoliata</i>	perfoliate spineflower		X

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME	Seg. 2	Seg. 3
	<i>Polygonum arenastrum</i>	common knotweed	X	X
	<i>Polygonum argycaulon</i>	common knotweed	X	
	<i>Rumex angiocarpus</i>	sheep sorrel		X
	<i>Rumex crispus</i>	curly dock	X	X
	<i>Rumex conglomeratus</i>	cluster dock		X
Portulacaceae	<i>Calyptidium umbellatum</i>	common pussypaws	X	X
	<i>Claytonia rubra</i> ssp. <i>depressa</i>	red-stemmed spring beauty		X
Ranunculaceae	<i>Delphinium parishii</i>	Parish's larkspur	X	X
Resedaceae	<i>Oligomeris linifolia</i>	oligomeris	X	
	<i>Ceanothus greggii</i> var. <i>perplexans</i>	cupped-leaf ceanothus		X
	<i>Ceanothus integerrimus</i>	deer brush		X
	<i>Ceanothus leucodermis</i>	chaparral whitethorn		X
	<i>Rhamnus californica</i> ssp. <i>californica</i>	California coffeeberry		X
	<i>Rhamnus crocea</i>	redberry		X
	<i>Rhamnus ilicifolia</i>	hollyleaf redberry		X
Rosaceae	<i>Adenostoma fasciculatum</i>	chamise		X
	<i>Cercocarpus betuloides</i> var. <i>betuloides</i>	birch-leaf mountain-mahogany		X
	<i>Prunus fasciculata</i>	desert almond	X	X
	<i>Prunus ilicifolia</i> ssp. <i>ilicifolia</i>	holly-leaf cherry		X
	<i>Purshia tridentata</i> var. <i>glandulosa</i>	desert bitterbrush	X	X
	<i>Rosa californica</i>	California wild rose		X
Rubiaceae	<i>Galium andrewsii</i> ssp. <i>intermedium</i>	phlox-leaved bedstraw		X
Salicaceae	<i>Populus fremontii</i> ssp. <i>fremontii</i>	Fremont cottonwood	X	X
	<i>Populus trichocarpa</i>	Fremont cottonwood		X
	<i>Salix exigua</i>	sandbar willow	X	X
	<i>Salix lasiolepis</i>	arroyo willow	X	X
	<i>Salix laevigata</i>	willow		X
	<i>Salix lucida</i> ssp. <i>lasiandra</i>	Pacific willow		X
Saxifragaceae	<i>Saxifraga californica</i>	California saxifrage		X
Scrophulariaceae	<i>Antirrhinum filipes</i>	tangled snapdragon	X	X
	<i>Castilleja angustifolia</i>	northwestern paintbrush		X
	<i>Castilleja exserta</i> ssp. <i>venusta</i>	purple owl's clover	X	X
	<i>Castilleja foliolosa</i>	Texas paintbrush	X	X
	<i>Collinsia heterophylla</i>	Chinese houses		X
	<i>Mimulus bifidus</i>	two-lipped bush monkeyflower		X
	<i>Mimulus bigelovii</i>	Bigelow's monkeyflower	X	
	<i>Mimulus fremontii</i>	Fremont's monkeyflower	X	
	<i>Mimulus guttatus</i>	common yellow monkeyflower	X	X
	<i>Penstemon centranthifolius</i>	scarlet bugler		X
	<i>Penstemon grinnellii</i> var. <i>scrophularioides</i>	Grinnell's beardtongue		X
	<i>Penstemon incertus</i>	Mojave beardtongue	X	X
	<i>Verbascum blattaria</i>	moth mullein	X	
	<i>Verbascum thapsus</i>	turkey mullein		X

Antelope Transmission Project, Segments 2 & 3
 Appendix 5. BIOLOGICAL RESOURCES DATA

FAMILY NAME	SCIENTIFIC NAME	COMMON NAME	Seg. 2	Seg. 3
Selaginellaceae	<i>Selaginella bigelovii</i>	Bigelow's spike-moss	X	X
Solanaceae	<i>Datura stramonium</i>	Jimson weed	X	X
	<i>Datura wrightii</i>	toluaca	X	X
	<i>Lycium andersonii</i>	Anderson's desert-thorn	X	
	<i>Lycium brevipes</i>	desert-thorn	X	X
	<i>Lycium cooperi</i>	Cooper's box-thorn	X	X
	<i>Nicotiana glauca</i>	tree tobacco		X
	<i>Nicotiana obtusifolia</i>	desert tobacco	X	X
	<i>Solanum umbelliferum</i>	blue-witch nightshade		X
	<i>Solanum xanti</i>	purple nightshade		X
Tamaricaceae	<i>Tamarix ramosissima</i>	saltcedar	X	X
	<i>Tamarix tetandra</i>	saltcedar	X	
Typhaceae	<i>Typha angustifolia</i>	narrow-leaf cattail	X	X
Urticaceae	<i>Hesperocnide tenella</i>	western stinging nettle		X
	<i>Urtica dioica</i> ssp. <i>holosericea</i>	hoary nettle		X
Viscaceae	<i>Arceuthobium campylopodium</i>	dwarf mistletoe		X
	<i>Phoradendron californicum</i>	desert mistletoe		X
	<i>Phoradendron macrophyllum</i>	big leaf mistletoe		X
Zygophyllaceae	<i>Larrea tridentata</i>	creosote bush	X	

The species are arranged alphabetically by family name for all vascular plants encountered during the plant survey. Plants are also listed alphabetically within each family. In some cases, it was not possible to accurately identify a particular plant to the species level due to the absence of specific anatomic structures required for identification.

**Special-Status Plant Species Considered But Rejected for Finding of Significance
Resulting from the Antelope Valley Project**

Scientific Name	Common Name	CNPS List 4 Species that are not restricted in range	CNPS List 1B Species for which potential impacts are unlikely	Other edaphic factors absent f in habitat species could occur	Associated species absent from the project site	Believed by CNPS to be extirpated from the county
<i>Acanthomintha obovata ssp. cordata</i>	heart-leaved thorn-mint	X				
<i>Allium atrorubens</i> var. <i>cristatum</i>	Inyo onion	X				
<i>Allium howellii</i> var. <i>clokeyi</i>	Mt. Pinos onion		X			
<i>Allium shevockii</i>	Spanish Needle onion		X	X		
<i>Amsinckia vernicosa</i> var. <i>furcata</i>	forked fiddleneck	X				
<i>Androsace elongata</i> ssp. <i>acuta</i>	California androsace	X				
<i>Antirrhinum ovatum</i>	oval-leaved snapdragon	X				
<i>Arenaria macradenia</i> var. <i>kuschei</i>	Kusche's sandwort		X			
<i>Asplenium vespertinum</i>	western spleenwort	X				
<i>Aster greatae</i>	Greata's aster		X		X	
<i>Astragalus macrodon</i>	Salinas milk-vetch	X				
<i>Atriplex parishii</i>	Parish's brittle-scale		X			X
<i>Berberis nevini</i>	Nevin's barberry		X			
<i>Brodiaea filifolia</i>	thread-leaved brodiaea		X	X		
<i>Calandrinia breweri</i>	Brewer's calandrinia	X				
<i>Calochortus clavatus</i> var. <i>clavatus</i>	club-haired mariposa lily	X				
<i>Calochortus weedii</i> var. <i>intermedius</i>	intermediate mariposa lily		X		X	
<i>Calycadenia villosa</i>	dwarf calycadenia		X			X
<i>Camissonia integrifolia</i>	Kern River evening-primrose		X			
<i>Camissonia kernensis</i> ssp. <i>kernensis</i>	Kern County evening-primrose	X				
<i>Canbya candida</i>	pygmy poppy	X				
<i>Carlquistia muirii</i>	Muir's tarplant		X			
<i>Castilleja gleasonii</i>	Mt. Gleason Indian paintbrush		X			
<i>Castilleja plagiotoma</i>	Mojave Indian paintbrush	X				

Antelope Transmission Project, Segments 2 & 3
 Appendix 5. BIOLOGICAL RESOURCES DATA

Scientific Name	Common Name	CNPS List 4 Species that are not restricted in range	CNPS List 1B Species for which potential impacts are unlikely	Other edaphic factors absent f in habitat species could occur	Associated species absent from the project site	Believed by CNPS to be extirpated from the county
<i>Caulanthus californicus</i>	California jewel-flower		X			
<i>Caulanthus coulteri</i> var. <i>lemmonii</i>	Lemmon's jewelflower		X			
<i>Chamaesyce vallis-mortae</i>	Death Valley sandmat	X				
<i>Chorizanthe parryi</i> var. <i>parryi</i>	Parry's spineflower		X			X
<i>Chorizanthe spinosa</i>	Mojave spineflower	X				
<i>Chrysothamnus albidus</i>	white-flowered rabbitbrush	X				
<i>Cordylanthus rigidus</i> ssp. <i>brevibracteatus</i>	short-bracted bird's-beak	X				
<i>Cryptantha clokeyi</i>	Clokey's cryptantha		X			X
<i>Cupressus arizonica</i> ssp. <i>nevadensis</i>	Piute cypress			X		
<i>Cymopterus deserticola</i>	desert cymopterus		X			
<i>Deinandra arida</i>	Red Rock tarplant		X	X		
<i>Deinandra minthornii</i>	Santa Susana tarplant		X			
<i>Deinandra mohavensis</i>	Mojave tarplant		X			
<i>Delphinium gypsophilum</i> ssp. <i>gypsophilum</i>	gypsum-loving larkspur	X				
<i>Delphinium parryi</i> ssp. <i>purpureum</i>	Mt. Pinos larkspur	X				
<i>Delphinium purpusii</i>	Kern County larkspur		X	X		
<i>Dodecahema leptoceras</i>	slender-horned spineflower		X	X		
<i>Dudleya calcicola</i>	limestone dudleya	X				
<i>Dudleya cymosa</i> ssp. <i>ovatifolia</i>	Santa Monica Mountains dudleya			X		
<i>Dudleya multicaulis</i>	many-stemmed dudleya		X	X		
<i>Eremalche kernensis</i>	Kern mallow		X			
<i>Eriastrum hooveri</i>	Hoover's eriastrum	X				
<i>Eriogonum kennedyi</i> var. <i>pinicola</i>	Kern buckwheat		X	X		
<i>Eriogonum nudum</i> var. <i>indictum</i>	protruding buckwheat	X				
<i>Eriogonum temblorense</i>	Temblor buckwheat		X	X		
<i>Eriophyllum jepsonii</i>	Jepson's woolly sunflower	X				

Scientific Name	Common Name	CNPS List 4 Species that are not restricted in range	CNPS List 1B Species for which potential impacts are unlikely	Other edaphic factors absent f in habitat species could occur	Associated species absent from the project site	Believed by CNPS to be extirpated from the county
<i>Eriophyllum lanatum</i> var. <i>hallii</i>	Fort Tejon woolly sunflower		X			
<i>Eriophyllum mohavense</i>	Barstow woolly sunflower		X			X
<i>Erodium macrophyllum</i>	round-leaved filaree		X			
<i>Eschscholzia lemmonii</i> ssp. <i>kernensis</i>	Tejon poppy		X	X		
<i>Eschscholzia minutiflora</i> ssp. <i>twisselmannii</i>	Red Rock poppy		X	X		
<i>Fritillaria agrestis</i>	stinkbells	X				
<i>Fritillaria striata</i>	striped adobe-lily		X	X		
<i>Galium andrewsii</i> ssp. <i>gatense</i>	serpentine bedstraw	X				
<i>Galium angustifolium</i> ssp. <i>gabrielense</i>	San Antonio Canyon bedstraw	X				
<i>Galium angustifolium</i> ssp. <i>onycense</i>	Onyx Peak bedstraw		X			
<i>Galium johnstonii</i>	Johnston's bedstraw	X				
<i>Gilia interior</i>	inland gilia	X				
<i>Gilia latiflora</i> ssp. <i>cuyamensis</i>	Cuyama gilia	X				
<i>Githopsis tenella</i>	delicate bluecup			X		
<i>Goodmania luteola</i>	golden goodmania	X				
<i>Harpagonella palmeri</i>	Palmer's grapplinghook	X				
<i>Heterotheca shevockii</i>	Shevock's golden-aster		X			
<i>Hordeum intercedens</i>	vernal barley		X			
<i>Horkelia cuneata</i> ssp. <i>puberula</i>	mesa horkelia		X			
<i>Hulsea vestita</i> ssp. <i>parryi</i>	Parry's sunflower	X				
<i>Juglans californica</i>	Southern California black walnut	X				
<i>Lasthenia leptalea</i>	Salinas Valley goldfields	X				
<i>Layia heterotricha</i>	pale-yellow layia					X
<i>Lepechinia fragrans</i>	fragrant pitcher sage	X				
<i>Lepidium jaredii</i> ssp. <i>jaredii</i>	Jared's pepper-grass		X			
<i>Lepidium virginicum</i> var. <i>robinsonii</i>	Robinson's pepper-grass		X			

Antelope Transmission Project, Segments 2 & 3
 Appendix 5. BIOLOGICAL RESOURCES DATA

Scientific Name	Common Name	CNPS List 4 Species that are not restricted in range	CNPS List 1B Species for which potential impacts are unlikely	Other edaphic factors absent f in habitat species could occur	Associated species absent from the project site	Believed by CNPS to be extirpated from the county
<i>Leptosiphon grandiflorus</i>	large-flowered leptosiphon	X				
<i>Lessingia tenuis</i>	spring lessingia	X				
<i>Lewisia disepala</i>	Yosemite lewisia		X			
<i>Lilium humboldtii</i> ssp. <i>ocellatum</i>	ocellated Humboldt lily	X				
<i>Linanthus orcuttii</i>	Orcutt's linanthus					X
<i>Lupinus peirsonii</i>	Peirson's lupine		X		X	
<i>Madia radiata</i>	showy madia		X			
<i>Malacothamnus davidsonii</i>	Davidson's bush mallow		X			
<i>Mentzelia eremophila</i>	solitary blazing star	X				
<i>Mentzelia tridentata</i>	creamy blazing star		X	X		
<i>Microseris douglasii</i> ssp. <i>platycarpha</i>	small-flowered microseris	X				
<i>Microseris sylvatica</i>	sylvan microseris	X				
<i>Mimulus shevockii</i>	Kelso Creek monkeyflower		X			
<i>Monardella candicans</i>	Sierra monardella	X				
<i>Monardella linooides</i> ssp. <i>oblonga</i>	flax-like monardella		X			
<i>Monardella viridis</i> ssp. <i>saxicola</i>	rock monardella	X				
<i>Monolopia congdonii</i>	San Joaquin woollythreads		X			
<i>Mucronea californica</i>	California spineflower	X				
<i>Muhlenbergia californica</i>	California muhly	X				
<i>Muilla coronata</i>	crowned muilla	X				
<i>Navarretia fossalis</i>	spreading navarretia		X	X		
<i>Navarretia setiloba</i>	Piute Mountains navarretia		X			
<i>Nemacladus gracilis</i>	slender nemacladus	X				
<i>Nolina cismontana</i>	chaparral nolina		X			X
<i>Orobanche valida</i> ssp. <i>valida</i>	Rock Creek broomrape		X			
<i>Orthotrichum shevockii</i>	Shevock's bristle-moss		X			

Scientific Name	Common Name	CNPS List 4 Species that are not restricted in range	CNPS List 1B Species for which potential impacts are unlikely	Other edaphic factors absent f in habitat species could occur	Associated species absent from the project site	Believed by CNPS to be extirpated from the county
<i>Pentachaeta aurea</i>	golden-rayed pentachaeta	X				
<i>Pentachaeta fragilis</i>	fragile pentachaeta	X				
<i>Perideridia pringlei</i>	adobe yampah	X				
<i>Phacelia nashiana</i>	Charlotte's phacelia		X			
<i>Piperia cooperi</i>	chaparral rein orchid	X				
<i>Piperia michaelii</i>	Michael's rein orchid	X				
<i>Plagiobothrys parishii</i>	Parish's popcorn-flower			X		X
<i>Polygala cornuta</i> var. <i>fishiae</i>	Fish's milkwort	X				
<i>Pseudobahia peirsonii</i>	San Joaquin adobe sunburst		X	X		
<i>Psoralethamnus arborescens</i> var. <i>arborescens</i>	Mojave indigo-bush	X				
<i>Quercus engelmannii</i>	Engelmann oak	X				
<i>Ribes menziesii</i> var. <i>ixoderme</i>	aromatic canyon gooseberry		X			
<i>Romneya coulteri</i>	Coulter's matilija poppy	X				
<i>Saltugilia latimeri</i>	Latimer's woodland-gilia		X			
<i>Sclerocactus polyancistrus</i>	Mojave fish-hook cactus	X				
<i>Scutellaria bolanderi</i> ssp. <i>austromontana</i>	southern skullcap		X			
<i>Senecio aphanactis</i>	rayless ragwort		X			
<i>Sidalcea neomexicana</i>	salt spring checkerbloom			X		X
<i>Streptanthus cordatus</i> var. <i>piutensis</i>	Piute Mountains jewel-flower		X	X		
<i>Stylocline masonii</i>	Mason's neststraw		X			
<i>Symphotrichum defoliatum</i>	San Bernardino aster					X
<i>Syntrichopappus lemmonii</i>	Lemmon's syntrichopappus	X				
<i>Thermopsis californica</i> var. <i>argentata</i>	silvery false lupine	X				
<i>Tortula californica</i>	California screw-moss		X			

**Special-Status Wildlife Species Considered but Rejected for Occurrence
 on the Antelope Valley Project Site**

		Out of species range or lack of suitable habitat	Does not breed in project area and foraging habitat is abundant in the Antelope Valley
Scientific Name	Common Name		
<i>Haliaeetus leucocephalus</i>	Bald Eagle		X
<i>Falco peregrinus</i>	Peregrine Falcon		X
<i>Numenius americanus</i>	Long-billed Curlew		X
<i>Larus californicus</i>	California Gull		X
<i>Chaetura vauxi</i>	Vaux's Swift		X
<i>Contopus cooperi</i>	Olive-sided Flycatcher		X
<i>Agelaius tricolor</i>	Tricolored Blackbird		X
<i>Microtus californicus mohavensis</i>	Mohave river vole	X	
<i>Microtus californicus scirpensis</i>	Amargosa vole	X	
<i>Lepus townsendii townsendii</i>	White-tailed jackrabbit	X	
<i>Euderma maculatum</i>	Spotted bat		X
<i>Nyctinomops macrotis</i>	Big free-tailed bat		X