



APPENDIX D

BIOLOGICAL RESOURCES BACKGROUND INFORMATION

Plant and Wildlife Species Observed within Nipomo Community Park

Plant Species Observed within Nipomo Community Park

Scientific Name	Common Name	Native	Species Status / Notes
Vascular Plants nomenclature follows "The Jepson Manual" and http://ucjeps.berkeley.edu/interchange.html			
PTERIDOPHYTES			
Dryopteridaceae	Wood fern Family		
<i>Dryopteris arguta</i>	coastal wood fern	Yes	
Pteridaceae	Brake family		
<i>Adiantum jordanii</i>	California maiden-hair	Yes	
<i>Pentagramma triangularis</i>	goldback fern	Yes	
Taxodiaceae	Bald cypress family		
<i>Sequoia sempervirens</i>	coast redwood	Yes	landscaped/developed areas
GYMNOSPERMS			
Cupressaceae	Cypress Family		
<i>Hesperocyparis macrocarpa</i>	Monterey cypress	Yes	landscaped/developed areas
Pinaceae	Pine family		
<i>Pinus radiata</i>	Monterey pine	Yes*	landscaped/developed areas
ANGIOSPERMS (DICOTS)			
Aizoaceae	Fig-marigold family		
<i>Carpobrotus edulis</i>	ice plant	No	
Anacardiaceae	Sumac family		
<i>Rhus integrifolia</i>	lemonadeberry	Yes	
<i>Toxicodendron diversilobum</i>	poison oak	Yes	
Apiaceae	Carrot family		
<i>Conium maculatum</i>	poison hemlock	No	
<i>Daucus pusillus</i>	rattle snake weed	Yes	
Asteraceae	Sunflower family		
<i>Achillea millefolium</i>	yarrow	Yes	
<i>Anaphalis margaritacea</i>	pearly everlasting	Yes	
<i>Anthemis cotula</i>	mayweed	No	
<i>Artemisia californica</i>	California sagebrush	Yes	
<i>Baccharis pilularis</i> var. <i>consanguinea</i>	coyote brush	Yes	
<i>Carduus pycnocephalus</i>	Italian thistle	No	

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<i>Centaurea melitensis</i>	tocolote	No	
<i>Encelia californica</i>	California brittlebush	Yes	Nipomo Botanical Garden
<i>Ericameria ericoides</i>	mock heather	Yes	
<i>Eriophyllum confertiflorum</i>	golden yarrow	Yes	
<i>Gnaphalium luteo-album</i>	cudweed	No	
<i>Helianthus annuus</i>	sunflower		
<i>Heterotheca grandiflora</i>	telegraph weed	Yes	
<i>Hypochaeris glabra</i>	smooth cat's ear	No	
<i>Hypochaeris radicata</i>	rough cat's ear	No	
<i>Lessingia filaginifolia</i>	beach aster	Yes	
<i>Senecio vulgaris</i>	ragwort	No	
<i>Silybum marianum</i>	milk thistle	No	
<i>Sonchus asper</i>	prickly sow-thistle	No	
<i>Sonchus oleraceus</i>	common sow-thistle	No	
<i>Taraxacum officinale</i>	dandelion	No	
Brassicaceae	Mustard family		
<i>Brassica nigra</i>	black mustard	No	
<i>Cardamine californica</i>	milk maids	Yes	
<i>Hirschfeldia incana</i>	short-pod mustard	No	
<i>Raphanus sativus</i>	wild radish	No	
Caprifoliaceae	Honeysuckle family		
<i>Sambucus mexicana</i>	blue elderberry	Yes	
<i>Lonicera involucrata</i>	twinberry	Yes	Nipomo Botanical Garden
Caryophyllaceae	Pink family		
<i>Cardionema ramosissimum</i>	sand mat	Yes	
Chenopodiaceae	Goosefoot family		
<i>Chenopodium californicum</i>	California pigweed	Yes	
Cistaceae	Rock-rose family		
<i>Helianthemum scoparium</i>	broom rose	Yes	
Crassulaceae	Stonecrop family		
<i>Dudleya lanceolata</i>		Yes	Nipomo Botanical Garden
Cucurbitaceae	Gourd family		
<i>Marah fabaceus</i> var. <i>fabaceus</i>	wild cucumber	Yes	

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Ericaceae	Heath family		
<i>Arctostaphylos rudis</i>	sand mesa manzanita	Yes	1B.2
Euphorbiaceae	Spurge family		
<i>Croton californicus</i>	croton	Yes	
<i>Euphorbia peplus</i>	petty spurge	No	
Fabaceae	Pea family		
<i>Acacia longifolia</i>	golden wattle	No	landscaped/developed areas
<i>Lathyrus vestitus</i> var. <i>vestitus</i>		Yes	
<i>Lotus scoparius</i>	deer weed	Yes	
<i>Lupinus arboreus</i>	yellow bush lupine	Yes	
<i>Lupinus bicolor</i>	miniature lupine	Yes	
<i>Lupinus chamissonis</i>	dune lupine	Yes	
<i>Lupinus nanus</i>	sky lupine	Yes	
<i>Lupinus succulentus</i>	Arroyo lupine	Yes	
<i>Melilotus alba</i>	white sweetclover	No	
<i>Melilotus indica</i>	sourclover	No	
<i>Vicia sativa</i>	spring vetch	No	
Fagaceae	Oak family		
<i>Quercus agrifolia</i>	coast live oak	Yes	
Geraniaceae	Geranium family		
<i>Erodium cicutarium</i>	red-stemmed filaree	No	
<i>Erodium botrys</i>	filaree	No	
<i>Geranium dissectum</i>		No	
Grossulariaceae	Gooseberry Family		
<i>Ribes sanguineum</i>	red flowering currant	Yes	Nipomo Botanical Garden
Hydrophyllaceae	Waterleaf f family		
<i>Eucrypta chrysanthemifolia</i>	common eucrypta	Yes	
<i>Phacelia parryi</i>	Parry's phacelia	Yes	Nipomo Botanical Garden
Lamiaceae	Mint Family		
<i>Salvia mellifera</i>	black sage	Yes	
<i>Salvia apiana</i>	white sage	Yes	Nipomo Botanical Garden
<i>Salvia spathacea</i>	pitcher sage	Yes	
Malvaceae	Mallow family		

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<i>Malva parviflora</i>	cheeseweed	No	
Myricaceae	Wax Myrtle Family		
<i>Morella (Myrica) californica</i>	California wax myrtle	Yes	Nipomo Botanical Garden
Myrtaceae			
<i>Eucalyptus globulus</i>	blue gum eucalyptus	No	windrows, landscaped areas
<i>Eucalyptus camaldulensis</i>	red gum eucalyptus	No	windrows, landscaped areas
Onagraceae	Evening primrose family		
<i>Camissonia cheiranthifolia</i>	beach primrose	Yes	
<i>Camissonia micrantha</i>	small primrose	Yes	
<i>Clarkia purpurea ssp quadrivulnera</i>	purple clarkia	Yes	
<i>Epilobium canum</i>	California fuchsia	Yes	Nipomo Botanical Garden
Oxalidaceae	Oxalis family		
<i>Oxalis pes-caprae</i>	Bermuda buttercup	No	
Paeoniaceae	Peony family		
<i>Paeonia californica</i>	California peony	Yes	
Papaveraceae	Poppy family		
<i>Eschscholzia californica</i>	California poppy	Yes	
Plantaginaceae	Plantain family		
<i>Plantago erecta</i>	California plantain	Yes	
<i>Plantago lanceolata</i>	English plantain	No	
<i>Plantago coronopus</i>	cut leaf plantain	No	
<i>Plantago major</i>	common plantain	No	
Polemoniaceae	Phlox family		
<i>Leptodactylon californicum</i>	prickly phlox	Yes	Nipomo Botanical Garden
Polygonaceae	Buckwheat family		
<i>Eriogonum fasciculatum</i>	California buckwheat	Yes	
<i>Rumex acetosella</i>	sheep sorrel	No	
<i>Rumex crispus</i>	curly dock	No	
Portulacaceae	Purslane family		
<i>Calandrinia ciliata</i>	redmaids	Yes	
<i>Claytonia perfoliata</i>	miners lettuce	Yes	
Platanaceae	Sycamore family		

Scientific Name	Common Name	Native	Species Status / Notes
<i>Platanus racemosa</i>	western sycamore	Yes	Nipomo Botanical Garden
Primulaceae	Primrose family		
<i>Anagallis arvensis</i>	scarlet pimpernel	No	
Rhamnaceae	Buckthorn family		
<i>Ceanothus cuneatus</i>	buck brush	Yes	
<i>Ceanothus thyrsiflorus</i>	blue blossom ceanothus	Yes	
<i>Ceanothus impressus</i> var. <i>nipomensis</i>	Monterey ceanothus	Yes	
<i>Rhamnus californica</i>	coffeeberry	Yes	
<i>Rhamnus crocea</i>	holly-leaved redberry	Yes	
Rosaceae	Rose family		
<i>Adenostoma fasciculatum</i>	chamise	Yes	
<i>Cercocarpus betuloides</i>	buck brush	Yes	
<i>Heteromeles arbutifolia</i>	toyon	Yes	
<i>Horkelia californica</i>	horkelia	Yes	
<i>Prunus ilicifolia</i>	holly-leaved cherry	Yes	
<i>Rosa californica</i>	California wild rose	Yes	
<i>Rubus ursinus</i>	California blackberry	Yes	
Rubiaceae	Madder family		
<i>Galium aparine</i>	goose grass	Yes	
<i>Galium californicum</i>	California bedstraw	Yes	
Salicaceae	Willow family		
<i>Salix lasiolepis</i>	arroyo willow	Yes	Mesa Meadows
Scrophulariaceae	Figwort family		
<i>Mimulus aurantiacus</i>	sticky monkey flower	Yes	
<i>Penstemon centranthifolius</i>	scarlet bugler	Yes	
Solanaceae	Nightshade family		
<i>Solanum douglasii</i>	purple nightshade	Yes	
<i>Solanum xanti</i>	white nightshade	Yes	
Violaceae	Violet family		
<i>Viola pedunculata</i>	Johnny jump-up	Yes	
ANGIOSPERMS (MONOCOTS)			
Cyperaceae	Sedge family		
<i>Carex praegracilis</i>		Yes	Nipomo Botanical Garden

Scientific Name	Common Name	Native	Species Status / Notes
<i>Scirpus californicus</i>		Yes	Nipomo Botanical Garden
Liliaceae	Lily family		
<i>Asphodelus fistulosus</i>	asphodel	No	
<i>Chlorogalum pomeridianum</i> var. <i>pomeridianum</i>	soap plant	Yes	
<i>Dichelostemma capitatum</i> ssp. <i>capitatum</i>	blue dicks	Yes	
Poaceae	Grass family		
<i>Avena barbata</i>	slender wild oats	No	
<i>Avena fatua</i>	Wild oats	No	
<i>Bromus diandrus</i>	ripgut brome	No	
<i>Bromus hordeaceus</i>	soft chess brome	No	
<i>Bromus madritensis</i> ssp. <i>rubens</i>	Red brome	No	
<i>Cortaderia jubata</i>	pampas grass	No	
<i>Cynodon dactylon</i>	Bermuda grass	No	
<i>Ehrharta calycina</i>	veldt grass	No	
<i>Hordeum marinum</i> ssp. <i>gussoneanum</i>	Mediterranean barley	No	
<i>Leymus condensatus</i>	giant wild-rye		Nipomo Botanical Garden
<i>Muhlenbergia rigens</i>	deer grass	Yes	Nipomo Botanical Garden
<i>Nassella pulchra</i>	purple needle-grass	Yes	
<i>Vulpia myuros</i>	rattail fescue	No	

Wildlife Species Observed within Nipomo Community Park

Scientific Name	Common Name	Comment
Birds		
<i>Elanus leucurus</i>	white-tailed kite	Observed flying over large coastal scrub area west of ball fields.
<i>Charadrius vociferus</i>	killdeer	Ball fields
<i>Thryomanes bewickii</i>	Bewick's wren	
<i>Aphelocoma californica</i>	Western scrub jay	
<i>Cyanocitta stelleri</i>	Steller's jay	
<i>Corvus brachyrhynchos</i>	American crow	
<i>Calypte anna</i>	Anna's hummingbird	
<i>Falco sparverius</i>	American kestrel	
<i>Buteo lineatus</i>	red-shouldered hawk	
<i>Sialia mexicana</i>	Western bluebird	
<i>Callipepla californica</i>	California quail	
<i>Psaltiriparus minimus</i>	bushtit	
<i>Tyrannus verticalis</i>	Western kingbird	
<i>Passerina amoena</i>	lazuli bunting	
<i>Buteo jamaicensis</i>	red-tailed hawk	
<i>Accipiter cooperi</i>	Cooper's hawk	Observed foraging in oak woodland habitat
<i>Bubo virginianus</i>	great-horned owl	Observed in eucalyptus windrow along the mesa meadows bike path.
<i>Circus cyaneus</i>	northern harrier	Observed flying over the coastal scrub area located west of Dana School.
<i>Colaptes auratus</i>	northern flicker	
<i>Mimus polyglottos</i>	northern mockingbird	
<i>Junco hyemalis</i>	dark-eyed junco	
<i>Poecile rufescens</i>	chestnut-backed chickadee	
<i>Baeolophus inornatus</i>	oak titmouse	
<i>Toxostoma redivivum</i>	California thrasher	
<i>Vireo huttoni</i>	Hutton's vireo	
<i>Melanerpes formicivorus</i>	acorn woodpecker	

Scientific Name	Common Name	Comment
<i>Picoides nuttallii</i>	Nuttal's woodpecker	
<i>Sturnella neglecta</i>	western meadowlark	
<i>Sturnus vulgaris</i>	European starling	Power lines
<i>Euphagus cyanocephalus</i>	Brewer's blackbird	Power lines
<i>Melospiza melodia</i>	song sparrow	
<i>Zonotrichia leucophrys</i>	white-crowned sparrow	
<i>Dendroica coronata</i>	yellow-rumped warbler	
<i>Zenaida macroura</i>	mourning dove	
<i>Sayornis nigricans</i>	black phoebe	
<i>Sayornis saya</i>	Say's phoebe	
<i>Pipilo crissalis</i>	California towhee	
<i>Pipilo maculatus</i>	spotted towhee	
<i>Passer domesticus</i>	house sparrow	
Mammals		
<i>Lynx rufus</i>	bobcat	
<i>Canus latrans</i>	coyote	
<i>Puma concolor</i>	mountain lion	Observed by Ride Nipomo equestrian group
<i>Spermophilus beecheyi</i>	California ground squirrel	
<i>Urocyon cinereoargenteus</i>	gray fox	Observed by Ride Nipomo equestrian group
Reptiles		
<i>Sceloporus occidentalis</i>	western fence lizard	
<i>Uta stansburiana</i>	side-blotched lizard	
<i>Cnemidophorus tigris</i>	coastal whiptail	
<i>Phrynosoma blainvillii</i>	coast horned lizard	Observed commonly by Ride Nipomo equestrian group during the Summer months.

Photo Documentation



PHOTO 1:

View of maritime chaparral habitat located along a spur trail within the NCP. Note oak woodland habitat behind maritime chaparral vegetation (refer to arrow).

Picture taken on March 05, 2010.



PHOTO 2:

View of several sand mesa manzanita specimens located along Osage Street (refer to arrows)

Picture taken on March 05, 2010.

PHOTO DOCUMENTATION



PHOTO 3:

View of several mature coast live oak trees observed in close proximity to the north entrance to the park and within the ornamental/developed areas of the NCP.

Picture taken on March 05, 2010.



PHOTO 4:

View of coastal scrub habitat located along the south boundary of the NCP. Note mock heather and coyote brush shrubs.

Picture taken on March 05, 2010.



PHOTO 5:

View of annual grassland habitat located west of the ornamental /developed portions within the NCP. Note gopher spoil piles in the photo (refer to arrow). The active recreation / community center is proposed in this area of the NCP

Picture taken on March 05, 2010.



PHOTO 6:

View of ruderal habitat located east of the of the annual grassland habitat shown in Photo 5. This area receives regular disturbance from equestrian and park visitors. Several bicycle jumps were observed in this area.

Picture taken on March 05, 2010.

PHOTO DOCUMENTATION

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