

A Partial Flora of Los Trancos Open Space Preserve with Divisions by Community

April-June 1994

A Project by Geoffrey Skinner

INTRODUCTION

Los Trancos Open Space Preserve is an 88-acre preserve near the crest of the central Santa Cruz Mountains. The preserve is located in the San Andreas rift zone; many of the topographic features are the result of fault activity. Although the preserve is fairly small, a number of distinct plant communities are located within it. To the north, the ridge bordering Page Mill Rd. is largely meadow and chaparral, with bay and oak forests on the north slopes of canyons. The central preserve contains oak and grass woodland near the road and dense oak, bay and Douglas fir forest in the canyon of Los Trancos Creek. The southern is largely brush and grassland. The geology varies greatly across the San Andreas with Franciscan formation sandstone, limestone and chert to the east of the fault and with Santa Clara formation terrestrial sedimentary deposits and San Lorenzo formation marine deposits to the west. The geology appears less important than the topology with the important exception of a serpentine outcropping in the northern portion.

This plant distribution project provides a partial list of the plants that can be found in each community. The [map](#) that accompanies this list should be used in conjunction with the list. Each community is provided with a brief plant list; some overlap between communities is noted in cross-references and an overall listing is also provided following the community lists. The names are those found in *The Jepson Manual : Higher Vascular Plants of California* with reference to different names found in Thomas' *Flora of the Santa Cruz Mountains of California*. The individual lists are not exhaustive. Additional plants living in each community may be found on the master list but not on the individual list. The additional listings are taken from plant lists provided by the Midpenninsula Regional Open Space District (MROSD) (see [REFERENCES](#) at end).

In compiling this listing, I spent a number of days in the field during the months of April-June 1994. I traveled throughout the preserve with maps and Thomas' *Flora*. After I had compiled lists for each map section, I broke them down into the sections listed below and compared my findings with the lists in the MROSD files in order to

THE COMMUNITIES

The communities identified are:

1. [GRASSLAND](#)
2. [OAK-SAVANNA](#)
3. [CHAPARRAL](#)
4. [MIXED EVERGREEN FOREST](#)

In addition to the communities above, much of the area bordering Page Mill Rd. is a mix of communities. Several species occur only along the border, particularly non-natives such as *Eucalyptus globulus* (Blue Gum) and *Vinca major* (Greater Vinca). I have provided a short list with notable species found along the Page Mill border:

5. [PAGE MILL BORDER](#)

Note: Click on community names to access section. You may also jump to the [MASTER LIST OF PLANT SPECIES](#).

GRASSLAND

The grasslands of Los Trancos have been heavily altered through grazing and agriculture. All areas of grassland within the preserve have been grazed and grapes were once cultivated at the southern end of the preserve. Only in areas of thin soil or serpentine are the natives more predominant than the multitude of introduced species. *Avena fatua* (Wild Oats) dominates the grasslands, particularly in late spring. Few native bunch grasses are to be found in the open meadows, though some may be found in oak-savanna. Most of the *Vicia* spp. (Vetches), *Lupinus* spp. (Lupines) were observed at the northern end, as were the *Sisyrinchium californicum* (Yellow-eyed Grass) (B7-B9).

A separate list of grasses follows this list.

<i>Achillea millifolium californicum</i>	Asteraceae	Yarrow
<i>Achyrachaena mollis</i>	"	Blow-wives
<i>Amsinkia mezesii</i> var. <i>intermedia</i> (<i>A. intermedia</i> in Thomas)	Boraganaceae	Common Fiddleneck
<i>Anagallis arvensis</i>	Primulaceae	Scarlet Pimpernel, Poor-Man's Hourglass
<i>Baeria chrysostoma</i> see: <i>Lasthenia californica</i>		
<i>Brassica rapa</i>	Brassicaceae	Turnip, Field Mustard

A Partial Flora for Los Trancos Open Space Preserve

(*B. campestra* in Thomas)

<i>Brodiaea elegans</i>	Liliaceae	Harvest Brodieae
<i>B. hyacinthina</i> see: <i>Triteleia hyacinthina</i>		
<i>B. laxa</i> see: <i>T. laxa</i>		
<i>B. pulchella</i> see: <i>Dichelstemma capitum</i>		
<i>Calandrina ciliata</i> var. <i>menziesii</i>	Portulacaceae	Red Maids
<i>Calochortus luteus</i>	Liliaceae	Yellow Mariposa Lily
<i>Calstygia occidentalis</i>	Convolvulaceae	Chaparral, Western or Bush Morning- Glory

(*Convolvulus occidentalis* in Thomas)

<i>C. subacaulis</i>	"	Hill Morning-Glory
(<i>Convolvulus subacaulis</i> in Thomas)		
<i>Capsella bursa-pastoris</i>	Brassicaceae	Shepherd's Purse
<i>Chlorgalum pomeridium</i>	Liliaceae	Amole, Soap Plant
<i>Clarkia purpurea</i>	Onograceae	Large Godetia, Wine Cups
<i>C. purpurea</i> ssp. <i>quadrivulnera</i>	"	Four-spot, Four-spotted Godetia
<i>Castilleja densiflora</i>	Scrophulariaceae	Owl's Clover
(<i>Orthocarpus densiflora</i> in Thomas)		
<i>Castilleja</i> ssp.	"	Indian Paintbrush
<i>Centaura solstitialis</i>	Asteraceae	Yellow Star Thistle
<i>Cirsium vulgare</i>	"	
<i>Collinsia heterophylla</i>	Scrophulariaceae	Purple-and-white Chinese Houses, Innocence
<i>Collomia heterophylla</i>	Polemoniaceae	Varied-leaved <i>Collomia</i>
<i>Dichelstemma capitum</i>	Liliaceae	Blue Dicks
(<i>Brodiaea pulchella</i> in Thomas)		
<i>Dipsacus fullonum</i>	Dipsacaceae	Fuller's Teasel
<i>Epilobium brachycarpum</i>	Onograceae	Willow Herb
(<i>E. paniculatum</i> in Thomas)		
<i>Eremocarpus setgerus</i>	Euphorbiaceae	Turkey-Mullein, Dove Weed
<i>Erodium botrys</i>	Geraniaceae	Long-beaked Filaree
<i>E. cicutarium</i>	"	Red-stemmed Filaree
<i>E. moschatum</i>	"	White-stemmed Filaree
<i>Escholzia californica</i>	Papavaraceae	California Poppy
<i>Geranium dissectum</i>	Geranaceae	Cut-leaved Geranium
<i>G. molle</i>	"	Cranesbill
<i>Gnaphalium canescens</i> ssp.		

A Partial Flora for Los Trancos Open Space Preserve

<i>beneolens</i> (<i>G. beneolens</i> in Thomas)	Asteraceae	Fragrant Everlasting
<i>Grindelia hirsutula</i>	"	Hirsute Grindelia, Gum Weed
<i>Heterotheca sessiliflora</i> ssp. <i>echiodes</i>	"	Goldenaster
<i>Iris douglasiana</i>	Iridaceae	Douglas Iris
<i>Lasthenia californica</i> (<i>Baeria chrysostoma</i> in Thomas)	Asteraceae	Goldfields
<i>Lathyrus verstitus</i> var. <i>ochopetalus</i>	Fabaceae	Bolander's Pea, Hillside Pea
<i>Layia hieracioides</i>	Asteraceae	Tall Layia
<i>L. platyglossa</i> ssp. <i>compestris</i>	"	Field Tidy Tips
<i>Linum bienne</i>	Linaceae	Small-flowered Flax
<i>Lotus corniculatus</i>	Fabaceae	Birdfoot Trefoil
<i>L. humistratus</i>	"	Lotus
<i>L. purshianus</i>	"	Spanish Clover
<i>L. wrangelianus</i> [sometimes mistaken for <i>L. subpinnatus</i> Lagasca; so named in Thomas]	"	Chile Trefoil
<i>Lupinus bicolor</i>	Fabaceae	Lindley's Annual Lupine, Miniature Lupine
<i>L. formosus</i>	"	Bridge's Lupine
<i>L. formosus</i> var. <i>formosus</i>	"	Summer or Late Lupine
<i>L. nanus</i>	"	Douglas's Annual Lupine
<i>Madia gracilis</i>	Asteraceae	Slender Tarweed, Gumweed
<i>Medicago lupulina</i>	Fabaceae	Black Medick, Yellow Trefoil
<i>Micropus californica</i>	Asteraceae	Slender Cotton Weed
<i>Orthocarpus densiflora</i> see: <i>Castilleja densiflora</i>		
<i>Plagiobothrys nothofulvus</i>	"	Foothill Snowdrops, Rusty Popcorn Flower
<i>P. tenellus</i>	Asteraceae	Slender Popcorn Flower
<i>Plantago erecta</i>	Plantaganinaceae	California Plantain
<i>P. lanceolata</i>	"	English Plantain
<i>Psilocarphus brevissimus</i> var. <i>brevissimus</i>	Polemoniaceae	Dwarf Woolly-heads
<i>Pteridium aquilinum</i> var. <i>pubescens</i>	Dryopteridaceae	Bracken
<i>Ranunculus californicus</i>	Ranunculaceae	California Buttercup

A Partial Flora for Los Trancos Open Space Preserve

<i>Rumex acetofolia</i>	Polygonaceae	Sheep Sorrel
<i>R. crispus</i>	"	Curly-leaved Dock
<i>Sidalcea malvaeflora</i>	Malvaceae	Checker Bloom, Checker Mallow
<i>Sisyrinchium bellum</i>	Iridaceae	Blue-eyed Grass
<i>S. californicum</i>	"	Yellow or Golden-eyed Grass
<i>Stellaria media</i>	Polemoniaceae	Common Chickweed
<i>Tragopogon porrifolius</i>	Asteraceae	Salsify, Oyster Plant
<i>Trichostema lanceolatum</i>	Lamiaceae	Vinegar Weed, Blue Curls
<i>Triteleia hyacinthina</i> (<i>Brodiaea hyacinthina</i> in Thomas)	Liliaceae	White Brodiaea
<i>T. laxa</i> (<i>Brodiaea laxa</i> in Thomas)	"	Ithurial's Spear
<i>Vicia americana</i> var. <i>americana</i>	Fabaceae	American Vetch
<i>V. sativa</i> ssp. <i>nigra</i> (<i>V. angustifolia</i> in Thomas)	"	Narrow-leaved Vetch, Common Vetch
<i>Wyethia angustifolia</i>	Asteraceae	Narrow Mule Ears
<i>Zigedenus fremontii</i> (in Melanthaceae (Bunch Flower Family) in Thomas. Absorbed by Liliaceae)	Liliaceae	Fremont's Star Lily

GRASSES (Family Poaceae)

(note: this list is largely taken from Casey, 1987. I have not attempted to verify most of these grasses)

<i>Aegilops cylindrica</i>	Jointed Goatgrass
<i>Aira caryophyllea</i>	Silver European Hair Grass
<i>A. fatua</i>	Wild Oat
<i>Agrostis hallii</i>	Hall's Bent Grass
<i>Brachypodium distachyon</i>	Purple Falsebrome
<i>Briza minor</i>	Little Quaking Grass
<i>Bromus carinatus</i>	Calif. Brome
<i>B. diandrus</i>	Ripgut Grass
<i>B. hordeaceus</i>	Soft Chess
(<i>B. mollis</i> , also <i>B. racemossus</i> misapplied; so named in Thomas)	
<i>B. laevipes</i>	Woodland Brome Grass
<i>B. laevipes</i> ssp. <i>rubens</i> (<i>B. rubens</i> in Thomas)	Red Brome

A Partial Flora for Los Trancos Open Space Preserve

<i>B. madritensis</i>	Spanish Brome Grass, Foxtail Chess
<i>Cynosurus echinatus</i>	Hedgehog Dogtail Grass
<i>Danthonia californica</i> var. <i>californica</i>	Calif. Wild Oat Grass
<i>D. calif.</i> var. <i>americana</i>	Hairy Calif. Wild Oat Grass
<i>Deschampsia danthonioides</i>	Annual Hair Grass
<i>D. elongata</i>	Slender Hair Grass
<i>Elymus glaucus</i>	Western Rye Grass
<i>E. multisetus</i> (called <i>Sitanion jubatum</i> in Thompson)	Big Squirreltail
<i>E. X hanseii</i> (a sterile hybrid between <i>E. elymoides</i> and <i>Elymus glaucus</i>)	Hansen's Squirreltail
<i>Festuca californica</i>	California Fescue
<i>F. elatior</i>	Meadow Fescue
<i>F. idahoensis</i>	Blue Bunch Grass
<i>F. rubra</i>	Red Fescue
<i>Gastridium ventricosum</i>	Nit Grass
<i>Holcus lanatus</i>	Velvet Grass
<i>Hordeum brachyanthum</i>	Meadow Barley
<i>H. geniculatum</i>	Mediterranean Barley
<i>H. murinum</i> ssp. <i>leporinum</i> (<i>H. leporinum</i> in Thomas)	Famer's Foxtail
<i>Koeleria macrantha</i>	June Grass
<i>Lolium multiflorum</i>	Italian Ryegrass
<i>L. mult.</i> var. <i>ramosum</i>	Branched Italian Ryegrass
<i>Melica californica</i>	California Melic
<i>M. geyeri</i>	Geyer's Onion Grass
<i>M. imperfecta</i> var. <i>flexosa</i>	Small flowered Melica
<i>Nasella lepida</i> (<i>Stipa lepida</i> (Small-Flowered Stipa) in Thomas)	Foothill Needlegrass
<i>N. pulchra</i> (<i>S. pulchra</i> (Nodding Stipa) in Thomas)	Purple Needlegrass
<i>Phalaris aquatica</i>	Harding Grass
<i>P. minor</i>	Mediterranean Canary Grass
<i>Phleum pratense</i>	Cultivated Timothy
<i>Poa annua</i>	Annual Bluegrass or Poa
<i>P. howellii</i>	Howell's Bluegrass
<i>P. secunda</i> ssp. <i>secunda</i> (<i>P. scabrella</i> in Thomas)	Pine Bluegrass
<i>Polypogon interruptus</i>	Beard Grass, Ditch Beard Grass
<i>P. monospeliensis</i>	Rabbit's Foot Grass
<i>Trisetum canescens</i>	Tall Trisetum

A Partial Flora for Los Trancos Open Space Preserve

<i>Vulpia bromoides</i> (<i>Festuca dertonensis</i> in Thomas)	Six-weeks Fescue, Cheat Grass
<i>V. myuros</i> var. <i>hirsuta</i> (<i>Festuca megalura</i> in Thomas)	Western Six-weeks Fescue
<i>V. myuros</i> var. <i>myuros</i> (<i>F. myuros</i> in Thomas)	Rattail Fescue

OAK-SAVANNA

Most of the plants found in the grasslands can also be seen in the Oak-Savanna. For that reason, the following list is abbreviated. The Oak-Savanna community is found along the northwest border (G5-G7) and also on the eastern border near the walnut orchard (Q13).

<i>Aesculus californica</i>	Hippocastanaceae	California Buckeye
<i>Claytonia perfoliata</i> (<i>Montia perfoliata</i> in Thomas)	Portulacaceae	Miner's Lettuce
<i>Cynoglossum grande</i>	Boraginaceae	Western Hound's Tongue
<i>Dryopteris arguta</i>	Dryopteridaceae	Western or Coastal Wood Fern
<i>Galium aparine</i>	Rubiaceae	Goose Grass, Bedstraw, Cleavers
<i>Osmorhiza chilensis</i>	Apiaceae	Sweet Cicely
<i>Pedicularis densiflora</i>	Scrophulariaceae	Indian Warrior
<i>Quercus agrifolia</i>	Fagaceae	Coast Live Oak, Encina
<i>Q. chrysolepis</i>	"	Goldcup Oak, Maul Oak, Canyon Oak
<i>Q. kelloggii</i>	"	California Black Oak
<i>Stachys bullata</i>	Lamiaceae	California Hedge Nettle
<i>Toxidendron diversiloba</i> (<i>Rhus diversiloba</i> in Thomas)	Anacardiaceae	Poison Oak

CHAPARRAL

The chaparral communities of Los Trancos Preserve are not uniform. Within a small area at the north end of the preserve, one finds almost pure stands of *Baccharis* (Coyote Brush) a short distance away from nearly pure stands of *Adenostoma*. (Chamise) (G7) Most of the true chaparral is concentrated at the southern end of the preserve, particularly around the borders of the meadow. The chaparral along the eastern edge of the preserve and to the south tends to be largely *Baccharis* and lacks the diversity found at the north end. Notable also is a large number of *Delphinium californicum* (Coast Larkspur) at the north end (B8-B9).

<i>Adenostoma fasciculatum</i>	Rosaceae	Chamise, Greasewood
<i>Anagallis arvensis</i>	Primulaceae	Scarlet Pimpernel, Poor- Man's Hourglass
<i>Arctostaphylos</i> ssp. Ericaceae	Manzanita	
(<i>A. crustacea</i> var. <i>crustacea</i> in Thomas)		
<i>A. tomentosa</i> ?	"	Brittle-Leaved Manzanita?

A Partial Flora for Los Trancos Open Space Preserve

<i>Artemesia californica</i>	Asteraceae	California Sagebrush, Old Man
<i>Artemesia douglasiana</i>	"	Calif. or Douglas' Mugwort
<i>Baccharis pilularis</i> var. <i>consanguinae</i>	"	Coyote Brush
<i>Calstygia occidentalis</i>	Convolvularaceae	Chaparral, Western or Bush Morning-Glory
(<i>Convolvulus occidentalis</i> in Thomas)		
<i>C. subacaulis</i>	"	Hill Morning-Glory
(<i>Convolvulus subacaulis</i> in Thomas)		
<i>Cirsium occidentale</i> var. <i>venesetum</i>	Asteraceae	Red or Venus Thistle
(<i>C. proteneum</i> in Thomas)		
<i>C. vulgare</i>	"	Common or Bull Thistle
<i>Claytonia perfoliata</i>	Portulacaceae	Miner's Lettuce
(<i>Montia perfoliata</i> in Thomas)		
<i>Ceanothus cuneatus</i> var. <i>cuneatus</i>	Rhamnaceae	Buck Brush
(<i>C. cuneatus</i> var. <i>dubius</i> in Thomas)		
<i>C. interrimus</i>	"	Deer Brush
<i>Chlorgalum pomeridium</i>	Liliaceae	Amole, Soap Plant
<i>Crepis vesicaria</i> ssp. <i>taraxacifolia</i>	Asteraceae	Hawksbeard
<i>Cynoglossum grande</i>	Boraginaceae	Western Hound's Tongue
<i>Delphinium californicum</i>	Ranunculaceae	Coast or California Larkspur
<i>Eriodictyon californicum</i>	Hydrophyllaceae	Yerba Santa
<i>Eriogonum nudum</i>	Polygonaceae	Naked-stemmed Eriogonum
<i>E. vimineum</i>	"	Wicker Eriogonum
<i>Garrya elliptica</i>	Garryaceae	Coast Silk Tassel, Silk Tassel Bush, Quinine Bush
<i>Gnaphalium californicum</i>	Asteraceae	Cudweed
<i>G. canescens</i> ssp. <i>beneolens</i>	"	Fragrant Everlasting
(<i>G. beneloens</i> in Thomas)		
<i>Helianthus scoparium</i> var. <i>vulgare</i>	Cistaceae	Common Rush-rose
<i>Lomatium dasycarpum</i>	Apiaceae	Wooly-fruited Lomatium, Lace Parsnip
<i>L. utriculatum</i>	"	Common Lomatium, Bladder Parsnip
<i>Lonicera hispidula</i> var. <i>vacillans</i>	Caprifolaciaeae	Hairy Honeysuckle
<i>Marah fabaceus</i>	Cucurbitaceae	California Manroot, Valley Wild Cucumber, Wild Cucumber
<i>M. oreganus</i>	"	Western Wild Cucumber,
<i>Mimulus aurantiacus</i>	Scrophularaceae	Sticky Monkey Flower

A Partial Flora for Los Trancos Open Space Preserve

(*Diplacus aurantiacus* in Thomas)

<i>Monardella villosa</i> ssp. <i>villosa</i> .	Lamiaceae	Coyote-Mint, Pennyroyal
<i>Montia perfoliata</i> see: <i>Claytonia perfoliata</i>		
<i>Pogogyne serpylloides</i>	"	Thyme-leaved Pogogyne
<i>Quercus agrifolia</i>	Fagaceae	Coast Live Oak, Encina
<i>Q. chrysolepis</i>	"	Goldcup Oak, Maul Oak, CanyonOak
<i>Q. wizlenii</i> var. <i>frutescens</i>	"	Interior Live Oak
<i>Rhamnus californica</i>	Rhamnaceae	California Coffeeberry
<i>R. crocea</i>	"	Spiny Redberry, Redberry
<i>Rhus diversiloba</i> see: <i>Toxidendron diversiloba</i>		
<i>Rubus ursinus</i>	Rosaceae	California Blackberry
<i>Salvia melliflora</i>	Lamiaceae	California Black Sage
<i>Sambus mexicana</i>	Caprifoliaceae	Blue Elderberry
<i>Scutelluria tuberosa</i>	Lamiaceae	Dannie's Skullcap
<i>Srophularia californica</i>	Scrophulariaceae	California Figwort, California Bee Plant
<i>Silybum marianum</i>	Asteraceae	Milk Thistle
<i>Stachys ajugoides</i> var. <i>rigida</i>	Lamiaceae	Rigid Hedge Nettle
(<i>S. rigida</i> ssp. <i>quercetorum</i> in Thomas)		
<i>Stachys bullata</i>	"	California Hedge Nettle
<i>Stellaria media</i>	Caryophyllaceae	Common Chickweed
<i>Thalictrum fendleri</i>		
var. <i>polycarpum</i>	Ranunculaceae	Meadow Rue
(<i>T. polycarpum</i> in Thomas)		
<i>Toxidendron diversiloba</i>	Anacardiaceae	Poison Oak
(<i>Rhus diversiloba</i> in Thomas)		
<i>Zigedenus fremontii</i>	Liliaceae	Fremont's Star Lily
(in Melanthaceae (Bunch Flower Family) in Thomas. Absorbed by Liliaceae)		

MIXED EVERGREEN FOREST

The major part of the preserve consists of a mixed evergreen forest, particularly in the southwestern portion. *Quercus* ssp. (Oaks) and *Umbellifera californica* (California Bay) are the dominant trees, with a variety of species in the understory. Notable are the *Lithocarpus densiflora* (Tanbark Oak) (I4-I6) and *Pseudotsuga menziesii* (Douglas-fir) (L4 and south) growing only in the lower reaches of the Los Trancos Creek canyon and tributary canyons. Also notable are the *Dicentra formosa* (Pacific Bleeding Hearts) (S10) and *Pedicularis densiflora* (Indian Warrior) (B7).

<i>Acer macrophyllum</i>	Aceraceae	Big-leaf Maple
--------------------------	-----------	----------------

A Partial Flora for Los Trancos Open Space Preserve

<i>Actaea rubra</i>	Ranunculaceae	Western Baneberry
<i>Adenocaulon bicolor</i>	Asteraceae	Trail Plant
<i>Adiantum aleuticum</i>	Pteridaceae	Five-fingered Fern
<i>A. jordani</i>	"	California Maidenhair
<i>Aesculus californica</i>	Hippocastanaceae	California Buckeye
<i>Aquilegia formosa</i>	Ranunculaceae	Columbine
<i>Arbutus menziesii</i>	Ericaceae	Pacific Madrone
<i>Arctostaphylos</i> ssp.	"	Manzanita
<i>A. tomentosa?</i>	"	Brittle-Leaved Manzanita?
(A. <i>crustacea</i> var. <i>crustacea</i> in Thomas)		
<i>Baccharis pilularis</i>		
var. <i>consanguinae</i>	Asteraceae	Coyote Brush
<i>Calochortus albus</i>	Liliaceae	White Globe Lily, Fairy
<i>Cardamine californica</i>		
var. <i>californica</i>	Brassicaceae	California Toothwort
(Dentaria californica var. californica in Thomas)		
<i>C. californica</i> var. <i>integrifolia</i>	"	Milkmaids, Rainbells
(D. calif. var. integrifolia in Thomas)		
<i>Cirsium occidentale</i>		
var. <i>venesetum</i>	Asteraceae	Red or Venus Thistle
(C. proteneum in Thomas)		
<i>C. vulgare</i>	"	Common or Bull Thistle
<i>Claytonia perfoliata</i>	Portulacaceae	Miner's Lettuce
<i>Conium maculatum</i>	Apiaceae	Poison Hemlock
<i>Corallorhiza maculata</i>	Orchidaceae	Spotted Coral Root
<i>C. striata</i>	"	Striped Coral Root
<i>Cornus glabrata</i>	Cornaceae	Brown Dogwood
<i>C. sericea</i> ssp. <i>occidentalis</i>	"	Western or Creek Dogwood
(C. californica in Thomas)		
<i>Cynoglossum grande</i>	Boraginaceae	Western Hound's Tongue
<i>Corylus cornuta</i> var. <i>californica</i>	Betulaceae	California Hazelnut
(C. californica [Corylaceae (Hazel Family)] in Thomas. Absorbed into Betulaceae)		
<i>Delphinium californicum</i>	Ranunculaceae	Coast or California Larkspur
<i>Dicentra formosa</i>	Papaveraceae	Pacific Bleeding Heart
(in Fumariaceae (Fumitory Family) in Thomas. Absorbed by Papavaraceae)		
<i>Diplacus aurantiacus</i>	see: <i>Mimulus aurantiacus</i>	
<i>Disporum hookeri</i>	Liliaceae	Hooker's Fairy Bell
<i>Dryopteris arguta</i>	Dryopteridaceae	Western or Coastal Wood Fern
<i>Fragaria vesca</i>	Rosaceae	Wood or California Strawberry
(F. californica in Thomas)		

A Partial Flora for Los Trancos Open Space Preserve

<i>Fritillaria biflora</i> (<i>F. lanceolata</i> in Thomas)	Liliaceae	Mission Bells, Chocolate Lily
<i>Galium aparine</i>	Rubiaceae	Goose Grass, Bedstraw, Cleavers
<i>G. californicum</i>	"	California Bedstraw
<i>Grossularia californica</i> see: <i>Ribes californicum</i>		
<i>G. leptosma</i> i see: <i>R. menziesii</i>		
<i>Habeneria unalascensis</i> var. <i>elata</i> : see <i>Piperia unalascensis</i>		
<i>Heracleum lanatum</i>	Apiaceae	Cow Parsnip
<i>Heteromeles arbutifolia</i>	Toyon	
<i>Holodiscus discolor</i>	Rosaceae	Oceanspray, Cream Bush
<i>Iris douglasiana</i>	Iridae	Douglas Iris
<i>Lithocarpus densiflora</i>	Fagaceae	Tanbark Oak, Tan Oak
<i>Lomatium dasycarpum</i>	Apiaceae	Wooly-fruited Lomatium, Lace Parsnip
<i>L. utriculatum</i>	"	Common Lomatium, Bladder Parsnip
<i>Lonicera hispidula</i> var. <i>vacillans</i>	Caprifoliaceae	Hairy Honeysuckle
<i>Marah fabaceus</i>	Cucurbitaceae	California Manroot, Valley, Wild Cucumber, Wild
<i>M. oreganus</i>	"	Western Wild Cucumber,
<i>Mimulus aurantiacus</i> (<i>Diplacus aurantiacus</i> in Thomas)	Scrophulariaceae	Sticky Monkey Flower
<i>Monardella villosa</i> ssp. <i>villosa</i> .	Lamiaceae	Coyote-Mint, Pennyroyal
<i>Montia perfoliata</i> see: <i>Claytonia perfoliata</i>		
<i>Osmorhiza chilensis</i>	Apiaceae	Sweet Cicely
<i>Pedicularis densiflora</i>	Scrophulariaceae	Indian Warrior
<i>Pentagramma triangularis</i>	Pterodaceae	GoldbackFern
<i>Petasites frigidus</i> var. <i>palmatus</i>	Asteraceae	Western Coltsfoot
<i>Pellea andromedifolia</i>	Pteridaceae	Coffee Fern
<i>Piperia unalascensis</i> (<i>Habeneria unalascensis</i> var. <i>elata</i> in Thomas)	Orchidaceae	Elegant Piperia
<i>Physocarpus capitans</i>	Rosaceae	Pacific Ninebark
<i>Polypodium californicum</i>	Polypodaceae	California Polypody
<i>Polystichum munitum</i>	Dryopteridaceae	Western Sword Fern
<i>Potentilla glandulosa</i>	"	Sticky Cinquefoil
<i>Prunus ilicifolia</i> ssp. <i>ilicifolia</i>	"	Islay, Holly-leaved Cherry
<i>Pseudotsuga menziesii</i>	Pinaceae	Douglas-fir
<i>Pteridium aquilinum</i> var. <i>pubescens</i>	Dennstaedtiaceae	Bracken
<i>Quercus agrifolia</i>	Fagaceae	Coast Live Oak, Encina
<i>Q. chrysolepis</i>	"	Goldcup Oak, Maul Oak, CanyonOak

A Partial Flora for Los Trancos Open Space Preserve

<i>Q. kelloggii</i>	"	California Black Oak
<i>Rhamnus californica</i>	Rhamnaceae	California Coffeeberry
<i>Rhus diversiloba</i> see: <i>Toxidendron diversiloba</i>		
<i>Ribes californicum</i>	Grossulariaceae	Hillside Gooseberry
(<i>Grossularia californica</i> in Thomas)		
<i>R. menziesii</i>	"	Canyon Gooseberry
(<i>G. leptosma</i> in Thomas)		
<i>R. sanguineum</i> var. <i>glutinosum</i>	"	Winter or Flowering Current
(<i>R. glutinosum</i> in Thomas)		
<i>Rosa californica</i>	Rosaceae	California Wild Rose
<i>R. gymnocarpa</i>	"	Wood Rose
<i>Rubus discolor</i>	"	Himalaya Berry, Himalyan Blackberry
(<i>R. procerus</i> in Thomas)		
<i>R. parviflorus</i>	"	Thimbleberry
<i>R. ursinus</i>	"	California Blackberry
<i>Salix scouleriana</i>	Salicaceae	Scouler's Willow
<i>Sambus mexicana</i>	Caprifoliaceae	Blue Elderberry
<i>Silybum marianum</i>	Asteraceae	Milk Thistle
<i>Smilacina racemosa</i> var. <i>amplexicaulus</i>	Liliaceae	Fat Solomon, Western Solomon's Seal
<i>S. stellata</i> var. <i>sessifolia</i>	"	Slim Solomon
<i>Solanum americanum</i>	Solanaceae	Small-flowered Nightshade
(<i>S. nodiflorum</i> in Thomas)		
<i>S. umbelliferum</i>	"	Blue Witches
<i>Stachys ajugoides</i> var. <i>rigida</i>	Lamiaceae	Rigid Hedge Nettle
(<i>S. rigida</i> ssp. <i>quercetorum</i> in Thomas)		
<i>Stachys bullata</i>	"	California Hedge Nettle
<i>Thalictrum fendleri</i> var. <i>polycarpum</i>	Ranunculaceae	Meadow Rue
(<i>T. polycarpum</i> in Thomas)		
<i>Toxidendron diversiloba</i> (<i>Rhus diversiloba</i> in Thomas)	Anacardiaceae	Poison Oak
<i>Trientalis latifolia</i>	Primulaceae	Pacific Starflower
<i>Trillium chloropetalum</i>	Liliaceae	Giant Trillium, Giant Wake Robin
<i>Umbellularia californica</i>	Lauraceae	California Bay, California Laurel
<i>Vicia americana</i> var. <i>americana</i>	Fabaceae	American Vetch

*A Partial Flora for Los Trancos Open Space Preserve**Woodwardia fimbriata*

Blechnaceae

Giant Chain Fern
Pepperwood**PAGE MILL BORDER**

Much of the border along Page Mill Rd. falls within the communities listed above. Most notable are the non-natives, whose presence is probably due to the proximity to Page Mill Rd. *Pinus radiata* (Monterey Pine) is located in V12-13; *Vinca major* (Greater Vinca) in B10; *Eucalyptus globulus* (Blue Gum) in G8, M12-N13; and *Juglans* ssp. (Walnut) in Q13 and U13.

Anagallis arvensis

Primulaceae

Scarlet Pimpernel, Poor-
Man's Hourglass*Dipsacus fullonum* Dipsacaceae

Fuller's Teasel

Dodecatheon hendersonii ssp.

Primulaceae

Henderson's Shooting
Star*Eucalyptus globulus* Myrtaceae

Blue Gum

Genista monspessulana

Fabaceae

French Broom

(Cystius monspessulanus in Thomas)*Juglans californica* var. *hindsii*

Juglandaceae

Northern California
Black Walnut*J. regia*

" English or Persian

Walnut

Pinus radiata

Pinaceae

Monterey Pine

Spartium junceum Fabaceae

Spanish Broom

Vinca major

Apocynum

Periwinkle, Greater
Vinca

MASTER LIST OF PLANT SPECIES

1. DIVISION SPENOPHYTA	HORSETAIL FERN, SCOURING RUSH	
EQUISETACEAE	HORSETAIL FAMILY	
<i>Equisetum telemateia</i> ssp. <i>braunii</i>	Giant Horsetail	J.95,T.54
2. DIVISION PTERIDOPHYTA	FERNS	
BLECHNACEAE	DEER FERN FAMILY	
<i>Woodwardia fimbriata</i>	Giant Chain Fern	J.90,T.58
DRYOPTERIDACEAE	WOOD FERN FAMILY	
<i>Dryopteris arguta</i>	Western or Coastal Wood Fern	J.92,T.59
<i>Polystichum munitum</i>	Western Sword Fern	J.94,T.58
DENNSTAEDTIACEAE	BRACKEN FAMILY	
<i>Pteridium aquilinum</i> var. <i>pubescens</i>	Bracken	J.91,T.60
POLYPODACEAE	POLYPODY FAMILY	
<i>Polypodium californicum</i>	California Polypody	J.100,T.57
PTERIDACEAE	BRAKE FAMILY	
<i>Adiantum aleuticum</i>	Five-fingered Fern	J.102,T.60
<i>A. jordani</i>	California Maidenhair	J.102,T.60

<i>Pelleae andromedifolia</i>	Coffee Fern	J.106,T.61
<i>Pentagramma triangularis</i>	GoldbackFern	J.108,T.57

2. DIVISION CONIFEROPHYTA

CLASS GYMNOSPERMAE

PINACEAE

PINE FAMILY

<i>Pinus radiata</i>	Monterey Pine	J.120,T.63
<i>Pseudotsuga menziesii</i>	Douglas-fir	J.121,T.63

3. DIVISION ANTHOPYTA

CLASS ANGIOSPERMAE

A. SUBCLASS DICOTYLEDENAE

ACERACEAE

MAPLE FAMILY

<i>Acer macrophyllum</i> Big-leaf Maple	J.126,T.232
---	-------------

APOCYNACEAE

DOGBANE FAMILY

<i>Vinca major</i>	Greater Periwinkle	J.169,T.273
--------------------	--------------------	-------------

ANARARDIACEAE

SUMAC or CASHEW FAMILY

<i>Toxidendron diversiloba</i> (<i>Rhus diversiloba</i> in Thomas)	Poison Oak	J.136,T.230
--	------------	-------------

APIACEAE [Umbelliferae]

CARROT FAMILY

<i>Anthriscus caucalis</i> Bur-chervil	J.141,T.257	
<i>Conium maculatum</i> Poison Hemlock	J.144,T.260	
<i>Heracleum lanatum</i> Cow Parsnip	J.148,T.260	
<i>Lomatium dasycarpum</i>	Wooly-fruited Lomatium, Lace Parsnip	J.153,T.261
<i>L. utriculatum</i>	Common Lomatium, Bladder Parsnip	J.157,T.261

A Partial Flora for Los Trancos Open Space Preserve

<i>Osmorhiza chilensis</i>	Sweet Cicely	J.158,T.255
<i>Perderideridia kelloggii</i>	Kellogg's Yampah	J.160.T.258
<i>Sanicula crassicaulis</i>	Pacific Sanicle, Gamble Weed	J.162,T.156
<i>S. bipinnatifida</i>	Purple Sanicle, Shoe Buttons	J.163, T.257
ASTERACEAE [Compositae]	SUNFLOWER FAMILY	
<i>Achillea millifolium californicum</i>	Yarrow	J.189,T.370
<i>Achyrrachaena mollis</i>	Blow-wives	J.189,T.359
<i>Adenocaulon bicolor</i>	Trail Plant	J.189.T.354
<i>Agoseris heterophylla</i>	Mountain Dandelion	J.192,T.343
<i>Artemesia californica</i>	California Sagebrush, Old Man	J.203,T.372
<i>Artemesia douglasiana</i>	California or Douglas' Mugwort	J.204,T.372
<i>Baccharis pilularis</i>		
var. consanguinae	Coyote Brush	J.210,T.346
<i>Centaurea solstitialis</i>	Yellow Star-Thistle	J.223,T.377
<i>Chamomilla suaveolens</i>	Pineapple Weed	J.228,T.371
	(<i>Maticaria matricariodes</i> in Thomas)	
<i>Cirsium occidentale</i>		
var. venesetum	Red or Venus Thistle	J.238,T.379
	(<i>C. proteneum</i> in Thomas)	
<i>C. vulgare</i>	Common or Bull Thistle	J.239,T.378
<i>Crepis vesicaria</i> ssp. <i>taraxacifolia</i>	Hawksbeard	J.245,T.344
<i>Gnaphalium californicum</i>	Cudweed	J.270,T.355
<i>G. canescens</i> ssp. <i>beneolens</i>	Fragrant Everlasting	J.271,T.355
	(<i>G. beneloens</i> in Thomas)	
<i>Grindelia hirsutula</i>	Hirsute Grindelia, Gum Weed	J.272,T.346
<i>Heterotheca sessiliflora</i>		
ssp. <i>echiodes</i>	Goldenaster	J.287,T.348
	(<i>Chrysopsis villosa</i> var. <i>echiodes</i> in Thomas)	
<i>Hypochaeris glabra</i>	Smooth Cat's Ear	J.294,T.341
<i>Lagophylla ramosissima</i>	Common Hareleaf	J.298,T.359
<i>Lasthenia californica</i>	Goldfields	J.299,T.368
	(<i>Baeria chrysostoma</i> in Thomas)	
<i>Layia hieraciodes</i>	Tall Layia	J.303,T.360
<i>L. platyglossa</i> ssp. <i>compestris</i>	Field Tidy Tips	J.303,T.360
<i>Madia gracilis</i>	Slender Tarweed, Gumweed	J.312,T.346
<i>Micropus californica</i>	Slender Cotton Weed	J.316,T.356
<i>Petasites frigidus</i> var. <i>palmatus</i>	Western Coltsfoot	J.324,T.373
<i>Psilocarphus brevissimus</i>		

A Partial Flora for Los Trancos Open Space Preserve

<i>var. brevissimus</i>	Dwarf Woolly-heads	J.329,T.356
<i>Senecio vulgaris</i>	Common Groundsel	J.342,T.374
<i>Silybum marianum</i> Milk Thistle	J.342,T.377	
<i>Sonchus oleraceus</i>	Common Sow Thistle	J.344,T.344
<i>Tragopogon porrifolius</i>	Salsify, Oyster Plant	J.354,T.342
<i>Wyethia angustifolia</i>	Narrow-leaved Mule Ears	J.359,T.357

BETULACEAE

BIRCH FAMILY

<i>Corylus cornuta</i> var. <i>californica</i>	California Hazelnut	J.366,T.135
(<i>C. californica</i> [Corylaceae (Hazel Family)]) in Thomas. Absorbed into Betulaceae)		

BORAGINACEAE

BORAGE FAMILY

<i>Amsinkia meziesii</i>		
var. <i>intermedia</i>	Common Fiddleneck	J.368,T.289
(<i>A. intermedia</i> in Thomas)		
<i>Cryptantha microstachys</i>	Tejon Cryptantha	J.376,T.291
<i>Cynoglossum grande</i>	Western Hound's Tongue	J.378,T.288
<i>Plagiobothrys nothofulvus</i>	Foothill Snowdrops, Rusty Popcorn Flower	J.389,T.293
<i>P. tenellus</i>	Slender Popcorn Flower	J.390,T.293

BRASSICACEAE [Cruciferae]

MUSTARD FAMILY

<i>Brassica rapa</i>	Turnip, Field Mustard	J.406,T. 179
(<i>B. campestra</i> in Thomas)		
<i>Capsella bursa-pastoris</i>	Shepherd's Purse	J.407,T. 185
<i>Cardamine californica</i>		
var. <i>californica</i>	California Toothwort	J.408,T.182
(<i>Dentaria californica</i> var. <i>californica</i> in Thomas)		
<i>C. californica</i> var. <i>integrifolia</i>	Milkmaids, Rainbells	J.408,T.182
(<i>D. calif.</i> var. <i>integrifolia</i> in Thomas)		

CAPRIFOLACEAE

HONEYSUCKLE FAMILY

<i>Lonicera hispidula</i> var. <i>vacillans</i>	Hairy Honeysuckle	J.474,T.326
<i>Sambus mexicana</i>	Blue Elderberry	J.474,T.325

A Partial Flora for Los Trancos Open Space Preserve

<i>Symphoricarpos albus</i>		
var. <i>laevigatus</i>	Snowberry	J.475,T.326
<i>S. mollis</i>	Creeping Snowberry, Trip Vine	J.475,T.426
CARYOPHYLLACEAE	PINK FAMILY	
<i>Minuartia californica</i>	Dwarf Sandwort	J.484,T.163
(<i>Arenaria pusilla</i> var. <i>diffusa</i> in Thomas)		
<i>Silene californica</i>	Indian Pink	J.491,T.165
<i>Spergularia rubra</i>	Purple Sand-spurry	J.494,T.164
<i>Stellaria media</i>	Common Chickweed	J.497,T.162
CISTACEAE	ROCK-ROSE FAMILY	
<i>Helianthum scoparium</i>		
var. <i>vulgare</i>	Common Rush-rose	J.516,T.240
CONVOLVULACEAE	MORNING-GLORY FAMILY	
<i>Calstygia occidentalis</i>	Chaparral, Western or Bush Morning-Glory	J.520,T.275
(<i>Convolvulus occidentalis</i> in Thomas)		
<i>C. subacaulis</i>	Hill Morning-Glory	J.520,T.275
(<i>Convolvulus subacaulis</i> in Thomas)		
CORNACEAE	DOGWOOD FAMILY	
<i>Cornus glabrata</i>	Brown Dogwood	J.522,T.262
<i>C. sericea</i> ssp. <i>occidentalis</i>	Western or Creek Dogwood	J.524,T.262
(<i>C. californica</i> in Thomas)		
CUCURBITACEAE	GOURD FAMILY	
<i>Marah fabaceus</i>	California Manroot, Valley Wild Cucumber, Wild Cucumber	J.538,T.330
<i>M. oreganus</i>	Western Wild Cucumber, Coast Manroot	J.538,T.330

DIPSACACEAE

TEASEL FAMILY

Dipsacus fullonum Fuller's Teasel J.540,T.327

ERICACEAE

HEATH FAMILY

Arbutus menziesii Pacific Madrone J.545,T.265
Arctostaphylos ssp. Manzanita J.545,T.265 A.
tomentosa? Brittle-Leaved Manzanita? J.558,T.268
 (A. *crustacea* var. *crustacea* in Thomas)

EUPHORBIACEAE

SPURGE FAMILY

Eremocarpus setgerus Turkey-Mullein, Dove Weed J.573,T.277

FABACEAE [Leguminosae]

LEGUME FAMILY

Genista monspessulana French Broom J.609,T.208
 (*Cystius monspessulanus* in Thomas)
Lathyrus verstitus var. *ochopetalus* Bolander's Pea, Hillside Pea J.614,T.211
Lotus corniculatus Birdfoot Trefoil J.618,T.210
L. humistratus Lotus J.619,T.210
L. purshianus Spanish Clover J.620,T.209
L. wrangelianus Chile Trefoil J.622,T.210
 [sometimes mistaken for *L. subpinnatus* Lagasca; so named in Thomas]
Lupinus bicolor Lindley's Annual Lupine,
 Miniature Lupine J.628,T.206
L. formosus Bridge's Lupine J.640,T.205
L. formosus var. *formosus* Summer or Late Lupine J.640,T.205
L. nanus Douglas's Annual Lupine J.633,T.206
Medicago lupulina Black Medick,
 Yellow Trefoil J.637,T.211
Ruperta physodes California Tea J.644,T.211
 (*Psoralea physodes* in Thomas)
Sparteum junceum Spanish Broom J.644,T.208
Trifolium campestre Hop Clover J.650,T.215
 [not *T. procumbens*; so named in Thomas]

A Partial Flora for Los Trancos Open Space Preserve

<i>T. depauperatum</i>		
var. <i>amplectens</i>	Pale Sack Clover	J.650,T.214
(<i>T. amplectens</i> in Thomas)		
<i>T. willdenovii</i>	Tom Cat Clover	J.654,T.215
(<i>T. tridentatum</i> in Thomas)		
<i>Vicia americana</i> var. <i>americana</i>	American Vetch	J.656,T.219
<i>V. sativa</i> ssp. <i>nigra</i> Narrow-leaved Vetch,		
(<i>V. angustifolia</i> in Thomas)	Common Vetch	J. 657,T.219

FAGACEAE**OAK FAMILY**

<i>Lithocarpus densiflora</i>	Tanbark Oak, Tan Oak	J.658,T.136
<i>Quercus agrifolia</i>	Coast Live Oak, Encina	J.660,T.137
<i>Q. chrysolepis</i>	Goldcup Oak, Maul Oak, CanyonOak	J.662,T.137
<i>Q. kelloggii</i>	California Black Oak	J.662,T.136
<i>Q. wizlensii</i> var. <i>frutescens</i>	Interior Live Oak	J.662,T.137

GARRYACEAE**SILK TASSEL FAMILY**

<i>Garrya elliptica</i>	Coast Silk Tassel, Silk Tassel Bush, Quinine Bush	J.666,T.263
-------------------------	--	-------------

GERANIACEAE**GERANIUM FAMILY**

<i>Erodium botrys</i>	Long-beaked Filaree	J.672,T.223
<i>E. cicutarium</i>	Red-stemmed Filaree	J.672,T.223
<i>E. moschatum</i>	White-stemmed Filaree	J.673,T.223
<i>Geranium dissectum</i> Cut-leaved Geranium	J.673,T.222	
<i>G. molle</i>	Cranesbill	J.673,T.222

GROSSULARIACEAE**GOOSEBERRY FAMILY**

<i>Ribes californicum</i> Hillside Gooseberry	J.678,T.193	
(<i>Grossularia californica</i> in Thomas)		
<i>R. menziesii</i>	Canyon Gooseberry	J.679,T.193
(<i>G. leptosma</i> in Thomas)		
<i>R. sanguineum</i> var. <i>glutinosum</i>	Winter or Flowering Current	J.679,T.192
(<i>R. glutinosum</i> in Thomas)		

HIPPOCASTANACEAE**BUCKEYE FAMILY***Aesculus californica*

California Buckeye

J.662,T.232

HYDROPHYLLACEAE**WATERLEAF FAMILY***Eriodictyon californicum*

Yerba Santa

J.664,T.287

Nemophila heterophylla

Canyon Nemophila

J.690,T.284

N. menziesii var. *menziesii*

Baby Blue-eyes

J.691,T.284

Phacelia imbricata

Imbricated Phacelia

J.700,T.286

P. nemoralis

Stinging Phacelia

J.702,T.286

JUGLANDACEAE**WALNUT FAMILY***Juglans californica* var. *hindsii*Northern California Black
Walnut

J.709

J. regia

English or Persian Walnut

J.709

LAMIACEAE [Labiatae]**MINT FAMILY***Lamium amplexicaule* Dead Nettle, Henbit J.714,T.299*Marrubium vulgare*Common or White
Hoarhound,

J.715,T.297

Monardella villosa ssp. *villosa*.

Coyote-Mint, Pennyroyal

J.722,T.297

Pogogyne serpylloides

Thyme-leaved Pogogyne

J.724,T.301

Salvia melliflora

California Black Sage

J.726,T.296

Satureja douglasii

Yerba Buena

J.729,T.301

Scutelluria tuberosa

Dannie's Skullcap

J.730,T.230

Stachys ajugoides var. *rigida*

Rigid Hedge Nettle

J.731,T.300

(S. *rigida* ssp. *quercetorum* in Thomas)*Stachys bullata*

California Hedge Nettle

J.731,T.300

Trichostema lanceolatum

Vinegar Weed, Blue Curls

J.732,T.297

LAURACEAE**LAUREL FAMILY***Umbellularia californica*

California Bay, California Laurel

	Pepperwood	J.734,T.173
LINACEAE	FLAX FAMILY	
<i>Linum bienne</i>	Small-flowered Flax	J.740,T.225
MALVACEAE	MALLOW FAMILY	
<i>Sidalcea malvaeflora</i>	Checker Bloom, Checker Mallow	J.758,T.236
MYRTACEAE	MYRTLE FAMILY	
<i>Eucalyptus globulus</i> Blue Gum		J.768,T.244
ONAGRACEAE	EVENING PRIMROSE FAMILY	
<i>Clarkia purpurea</i>	Large Godetia, Wine Cups	J.792,T.249
<i>C. purpurea</i> ssp. <i>quadrivulnera</i>	Four-spot, Four-spotted Godetia	J.792,T.250
<i>Epilobium brachycarpum</i> (<i>E. paniculatum</i> in Thomas)	Willow Herb	J.796,T.247
<i>E. canum</i> (<i>Zuauschneria californica</i> in Thomas)	California Fuschia, Zauschneria	J.796,T.245
<i>E. glaberrimum</i> (<i>Boisduvalla glaberrimum</i> in Thomas)	Boisduvalla	J.796,T.249
OROBANCHACEAE	BROOM-RAPE FAMILY	
<i>Orobranche</i> ssp.	Broom-rape	J.805,T.320
PAPAVERACEAE	POPPY FAMILY	
<i>Dicentra formosa</i> (in Fumariaceae (Fumitory Family) in Thomas. Absorbed into Papavaraceae)	Pacific Bleeding Heart	J.812,T.175
<i>Escholzia californica</i>	California Poppy	J.814,T.174

A Partial Flora for Los Trancos Open Space Preserve

PLANTAGINACEAE	PLANTAIN FAMILY	
<i>Plantago erecta</i>	California Plantain	J.820,T.322
<i>P. lanceolata</i>	English Plantain	J.821.T.322
POLEMONIACEAE	PHLOX FAMILY	
<i>Collomia heterophylla</i>	Varied-leaved Collomia	J.825,T.281
<i>Gillia achilleaefolia</i>	California Gillia	J.831,T.282
<i>G. capitata</i>	Blue Field Gillia	J.832,T.282
<i>Linanthus androsaceus</i>	Shower Linanthus, Common Linanthus	J.842,T.377
<i>L. bicolor</i>	Bicolored Linanthus	J.842,T.279
<i>Phlox gracilis</i>	Slender Pink Phlox	J.850,T.277
POLYGONACEAE	BUCKWHEAT FAMILY	
<i>Eriogonum nudum</i>	Naked-stemmed Eriogonum	J.876,T.142
<i>E. vimineum</i>	Wicker Eriogonum	J.882,T.143
<i>Naverretia squarrosa</i>	Skunkweed	J.849,T.280
<i>Pterostegia drymariodes</i>	Pterostegia, Buckwheat	J.892,T.140
<i>Rumex acetofolia</i>	Sheep Sorrel	J.894,T.145
<i>R. crispus</i>	Curly-leaved Dock	J.894,T.145
PORTULACACEAE	PURSLANE FAMILY	
<i>Calandrina ciliata</i> var. <i>menziesii</i>	Red Maids	J.896,T.158
<i>Claytonia perfoliata</i> (<i>Montia perfoliata</i> in Thomas)	Miner's Lettuce	J.900,T.159
PRIMULACEAE	PRIMROSE FAMILY	
<i>Anagallis arvensis</i>	Scarlet Pimpernel, Poor-Man's Hourglass	J.905,T.269
<i>Dodecatheon hendersonii</i> ssp.	Henderson's Shooting Star	J.908,T.270
<i>Trientalis latifolia</i>	Pacific Starflower	J.909,T.269

RANUNCULACEAE

BUTTERCUP FAMILY

<i>Actaea rubra</i>	Western Baneberry	J.912,T.167
<i>Aquilegia formosa</i>	Columbine	J.913,T.167
<i>Delphinium californicum</i>	Coast or California Larkspur	J.918,T.169
<i>D. decorum</i> ssp. <i>decorum</i>	Coast Larkspur	J.918,T.169
<i>D. variagatum</i>	Royal Larkspur	J.922,T.169
<i>Ranunculus californicus</i>	California Buttercup	J.925,T.171
<i>Thalictrum fendleri</i>		
var. <i>polycarpum</i>	Meadow Rue	J.930,T.171
(T. <i>polycarpum</i> in Thomas)		

RHAMNACEAE

BUCKTHORN FAMILY

<i>Ceanothus cuneatus</i> var. <i>cuneatus</i>	Buck Brush	J.235,T.235
(<i>C. cuneatus</i> var. <i>dubius</i> in Thomas)		
<i>C. interrimus</i>	Deer Brush	J.936,T.235
<i>Rhamnus californica</i>	California Coffeeberry	J.940,T.234
<i>R. crocea</i>	Spiny Redberry, Redberry	J.940,T.234

ROSACEAE

ROSE FAMILY

<i>Adenostoma fasciculatum</i>	Chamise, Greasewood	J.946,T.198
<i>Aphanes occidentalis</i>	Dew Cups	J.948,T.196
(<i>Alchemilla occidentalis</i> in Thomas)		
<i>Fragaria vesca</i>	Wood or California Strawberry	J.952,195
(<i>F. californica</i> in Thomas)		
<i>Heteromeles arbutifolia</i>	Toyon	J.953,T.201
<i>Holodiscus discolor</i>	Oceanspray, Cream Bush	J.953,T.196
<i>Physocarpus capitans</i>	Pacific Ninebark	J.953,T.197
<i>Potentilla glandulosa</i>	Sticky Cinquefoil	J.966,T.196
<i>Prunus ilicifolia</i> ssp. <i>ilicifolia</i>	Islay, Holly-leaved Cherry	J.970,T.200
<i>Rosa californica</i>	California Wild Rose	J.973,T.199
<i>R. gymnocarpa</i>	Wood Rose	J.973,T.199
<i>Rubus discolor</i>	Himalaya Berry, Himalayan	
	Blackberry	J.974,T.199
(<i>R. procerus</i> in Thomas)		
<i>R. parviflorus</i>	Thimbleberry	J.974,T.199
<i>R. ursinus</i>	California Blackberry	J.975,T.199

A Partial Flora for Los Trancos Open Space Preserve

RUBIACEAE	MADDER FAMILY	
<i>Galium aparine</i>	Goose Grass, Bedstraw, Cleavers	J.981,T.325
<i>G. californicum</i>	California Bedstraw	J.982,T.324
<i>Sherardia arvensis</i>	Field Madder	J.986.T.323
SALICACEAE	WILLOW FAMILY	
<i>Salix scouleriana</i>	Scouler's Willow	J.998,T.133
SAXIFRAGACEAE	SAXIFRAGE FAMILY	
<i>Lithophragma affine</i>	Woodland Star	J.1006,T.191
<i>Saxifraga californica</i>	California Saxifrage	J.1009,T.191
SCROPHULARIACEAE	FIGWORT FAMILY	
<i>Castilleja densiflora</i> (<i>Orthocarpus densiflora</i> in Thomas)	Owl's Clover	J.1020,T.318
<i>Castilleja</i> ssp.	Indian Paintbrush	J.1016,T.318
<i>Collinsia heterophylla</i>	Purple-and-white Chinese Houses, Innocence	J.1026,T.309
<i>Mimulus aurantiacus</i> (<i>Diplacus aurantiacus</i> in Thomas)	Sticky Monkey Flower	J.1040,T.311
<i>M. cardinales</i>	Scarlet Monkey Flower	J.1042,T.313
<i>M. guttatus</i>	Monkey Flower	J.1042,T.312
<i>Pedicularis densiflora</i>	Indian Warrior	J.1050,T.235
<i>Srophularia californica</i>	California Figwort, California Bee Plant	J.1062,T.310
<i>Tonella tenella</i>	Small-flowered Tonella	J.1063,T.310
<i>Veronica persica</i>	Persian Speedwell	J.1067,T.314
SOLANACEAE	NIGHTSHADE FAMILY	
<i>Solanum americanum</i> (<i>S. nodiflorum</i> in Thomas)	Small-flowered Nightshade	J.1076,T.171
<i>S. umbelliferum</i>	Blue Witches	J.1077,T.503

A Partial Flora for Los Trancos Open Space Preserve

URTICACEAE	NETTLE FAMILY	
<i>Urtica dioica</i> ssp. <i>gracilis</i> (<i>U. californica</i> in Thomas)	American Stinging Nettle	J.1083,T.158
VALERIANACEAE	VALERIAN FAMILY	
<i>Plectritis conjesta</i>	Sea Blush	J.1084,T.329
VERBENACEAE	VERVAIN OR VERBENA FAMILY	
<i>Verbena lasiostachys</i>	California Vervain, Western Verbena	J.1088,T.294
VIOLACEAE	VIOLET FAMILY	
<i>Viola pedunculata</i>	Johnny-jump-up	J.1091,T.241
VISCACEAE [Loranthaceae]	MISTLETOE FAMILY	
<i>Phoradendron villosum</i>	Hairy Mistletoe, Oak Mistletoe	J.1097,T.139

B. SUBCLASS MONOCOTYLEDANAE

IRIDACEAE	IRIS FAMILY	
<i>Iris douglasiana</i>	Douglas Iris	J.1154,T.128
<i>Sisyrinchium bellum</i>	Blue-eyed Grass	J.1156,T.127
<i>S. californicum</i>	Yellow or Golden-eyed Grass	J.1156,T.127
LILIACEAE	LILY FAMILY	
<i>Brodiaea elegans</i>	Harvest Brodiaea	J.1182,T.126
<i>Calochortus albus</i>	White Globe Lily, Fairy Lanterns	J.1185,T.119
<i>C. luteus</i>	Yellow Mariposa Lily	J.1186,T.120

A Partial Flora for Los Trancos Open Space Preserve

<i>Chlorgalum pomeridium</i>	Amole, Soap Plant	J.1190,T.117
<i>Dichelstemma capitum</i> (<i>Brodiaea pulchella</i> in Thomas)	Blue Dicks	J.1192,T.125
<i>Disporum hookeri</i>	Hooker's Fairy Bell	J.1192,T.122
<i>Fritillaria biflora</i> (<i>F. lanceolata</i> in Thomas)	Mission Bells, Chocolate Lily	J.1194,T.118
<i>Smilacina racemosa</i> var. <i>amplexicaulus</i>	Fat Solomon, Western Solomon's Seal	J.1204,T.122
<i>S. stellata</i> var. <i>sessifolia</i>	Slim Solomon	J.1204,T.122
<i>Trillium chloropetalum</i>	Giant Trillium, Giant Wake Robin	J.1206,T.121
<i>Triteleia hyacinthina</i> (<i>Brodiaea hyacinthina</i> in Thomas)	White Brodiaea	J.1027,T.126
<i>T. laxa</i> (<i>Brodiaea laxa</i> in Thomas)	Ithurial's Spear	J.1208,T.125
<i>Zigedenus fremontii</i> (in Melanthaceae (Bunch Flower Family) in Thomas. Absorbed by Liliaceae)	Fremont's Star Lily	J.1211,T.116

ORCHIDAE

ORCHID FAMILY

<i>Corallorhiza maculata</i>	Spotted Coral Root	J.1212,T.130
<i>C. Striata</i>	Striped Coral Root	J.1212, T.130
<i>Piperia unalascensis</i> (<i>Habenaria unalascensis</i> var. <i>elata</i> in Thomas)	Elegant Piperia	J.1216,T.131

POACAE [Gramineae]

GRASS FAMILY

<i>Aegilops cylindrica</i>	Jointed Goatgrass	J.1227
<i>Aira caryophyllea</i>	Silver European Hair Grass	J.1230
<i>Avena barbata</i>	Slender Wild Oat	J.1236
<i>A. fatua</i>	Wild Oat	J.1236
<i>Agrostis hallii</i>	Hall's Bent Grass	J.1229,T.97
<i>Brachypodium distachyon</i>	Purple Falsebrome	J.1239
<i>Briza minor</i>	Little Quaking Grass	J.1239,T.77
<i>Bromus carinatus</i>	Calif. Brome	J.1242,T.78
<i>B. diandrus</i>	Ripgut Grass	J.1242
<i>B. hordeaceus</i> (<i>B. mollis</i> , also <i>B. racemossus</i> misapplied; so named in Thomas)	Soft Chess	J.1242,T.79
<i>B. laevipes</i>	Woodland Brome Grass	J. 1243,T.79
<i>B. laevipes</i> ssp. <i>rubens</i>	Red Brome	J.1243,T.79

A Partial Flora for Los Trancos Open Space Preserve

(<i>B. rubens</i> in Thomas)		
<i>B. madritensis</i>	Spanish Brome Grass, Foxtail Chess	J.1243,T.79
<i>Cynosurus echinatus</i>	Hedgehog Dogtail Grass	J.1248,T.76
<i>Danthonia californica</i>		
var. <i>californica</i>	Calif. Wild Oat Grass	J.1249,T.91
<i>D. calif.</i> var. <i>americana</i>	Hairy Calif. Wild Oat Grass	J.1249,T.91
<i>Deschampsia danthonioides</i>	Annual Hair Grass	J.1250,T.92
<i>D. elongata</i>	Slender Hair Grass	J.1250,T.92
<i>Elymus glaucus</i>	Western Rye Grass	J.1254,T.87
<i>E. multisetus</i>	Big Squirreltail	J.1256,T.89
(called <i>Sitanion jubatum</i> in Thompson)		
<i>E. X hanseii</i>	Hansen's Squirreltail	J.1254
(a sterile hybrid between <i>E. elymoides</i> and <i>Elymus glaucus</i>)		
<i>Festuca californica</i>	California Fescue	J.1260,T.85
<i>F. elatior</i>	Meadow Fescue	J.1260,T.85
<i>F. idahoensis</i>	Blue Bunch Grass	J.1260,T.85
<i>F. rubra</i>	Red Fescue	J.1260,T.85
<i>Gastridium ventricosum</i>	Nit Grass	J.1228,T.95
<i>Holcus lanatus</i>	Velvet Grass	J.1264,T.392
<i>Hordeum brachyanthum</i>	Meadow Barley	J.1266,T.86
<i>H. geniculatum</i>	Mediterranean Barley	J.1266
<i>H. murinum</i> ssp. <i>leporinum</i>	Famer's Foxtail	J.1270,T.89
(<i>H. leporinum</i> in Thomas)		
<i>Koeleria macrantha</i>	June Grass	J.1267,T.92
<i>Lolium multiflorum</i>	Italian Ryegrass	J.1270,T.89
<i>L. mult.</i> var. <i>ramosum</i>	Branched Italian Ryegrass	J.1270,T.89
<i>Melica californica</i>	California Melic	J.1271,T.81
<i>M. geyeri</i>	Geyer's Onion Grass	J.1271,T.81
<i>M. imperfecta</i> var. <i>flexosa</i>	Small flowered Melica	J.1271,T.82
<i>Nasella lepida</i>	Foothill Needlegrass	J.1276,T.94
(<i>Stipa lepida</i> (Small-Flowered Stipa) in Thomas)		
<i>N. pulchra</i>	Purple Needlegrass	J.1276,T.94
(<i>S. pulchra</i> (Nodding Stipa) in Thomas)		
<i>Phalaris aquatica</i>	Harding Grass	J.1281,T.89
<i>P. minor</i>	Mediterranean Canary Grass	J.1282,T.100
<i>Phleum pratense</i>	Cultivated Timothy	J.1282,T.95
<i>Poa annua</i>	Annual Bluegrass or Poa	J.1287,T.80
<i>P. howellii</i>	Howell's Bluegrass	J.1288,T.80
<i>P. secunda</i> ssp. <i>secunda</i>	Pine Bluegrass	J.1289,T.81
(<i>P. scabrella</i> in Thomas)		
<i>Polypogon interruptus</i>	Beard Grass, Ditch Beard Grass	J.1290,T.94

A Partial Flora for Los Trancos Open Space Preserve

<i>P. monospeliensis</i>	Rabbit's Foot Grass	J.1290,T.94
<i>Trisetum canescens</i>	Tall Trisetum	J.1300,T.93
<i>Vulpia bromoides</i> (<i>Festuca dertonensis</i> in Thomas)	Six-weeks Fescue, Cheat Grass	J.1302,T.84
<i>V. myuros var. hirsuta</i> (<i>Festuca megalura</i> in Thomas)	Western Six-weeks Fescue	J.1302,T.85
<i>V. myuros var. myuros</i> (<i>F. myuros</i> in Thomas)	Rattail Fescue	J.1302,T.85

REFERENCES

- "Wild flower walk, Los Trancos Open Space Preserve." Unpublished ms.,
{MROSD, 1980?}
- Bark, Frances "Plants & flowers to look for on the Franciscan Trail." Unpublished list,
[MROSD], May 1981.
- Casey, Sally. "A partial listing of grasses found on Los Trancos Earthquake Trail, June
6, 1987. " Unpublished list, [MROSD, 1987]
- Hickman, James C., ed. *The Jepson manual : higher plants of California*. Berkeley and Los
Angeles, Calif. : The University of California Press, 1993.
- Midpenninsula Regional Open Space District. "Partial flora of Los Trancos Preserve."
Unpublished list, [MROSD], 1986.
- Thomas, John H. *Flora of the Santa Cruz Mountains of California*.
Stanford, Calif. : Stanford University Press, 1961.
- Sorensen, Jean. "Partial flora of Los Trancos Midpenninsula Open Space Preserve,
Franciscan Trail, May 22, 1988." Unpublished list, [MROSD], 1988.