

Knollwood Hillside Observations 2016

19-Dec-16

Week number 1
Month & week number Jan-w1
Weeks (begin on Thurs.): 31-Dec-15
Actual dates of observations: 4

Weather Cool

Botanical name	Common name	Location	No. plants	
A. Native angiosperms				
Acmispon americanus var. americanus	American lotus	W	5	
Acmispon glaber var. glaber	deerweed	N,W	100s	FW
Acmispon strigosus	strigose lotus	N,O	100s	
Acourtia microcephala	sacapellote	N,W	10s	
Adenostoma fasciculatum var. fasciculatum	chamise	N,W	100s	
Ambrosia psilostachya	western ragweed	W	5	
Amsinckia intermedia	common fiddleneck	W	100s	
Artemisia californica	California sagebrush	N,W	1000s	
Artemisia douglasiana	California mugwort	N	20s	
Asclepias fascicularis	narrow leaf milkweec	N	2	
Baccharis ~pilularis	coyote brush	N,L	1	
Baccharis salicifolia	mulefat	W	20s	FW
Bloomeria crocea	golden stars	N,L	50	
Brickellia californica	California brickellbu	W	10s	FW
Calochortus plummerae	Plummer's mariposa	W	2	
Calystegia sp.	morning glory	W	5s	
Camissoniopsis bistorta	California suncup	N,O,L	10s	
Cardamine oligosperma	bitter cress	W,EF,NF	100s	
Ceanothus crassifolius var. planus	hoaryleaf ceanothus	N,W	50s	
Cercocarpus betuloides var. betuloides	birch leaf mountain r	W,NF	50s	
Chamaesyce sp.	rattlesnake weed	N,W	100s	F
Cirsium occidentale var. californicum	California thistle	W	50s	
Cirsium occidentale var. occidentale	cobweb thistle	N,O	50s	
Claytonia perfoliata ssp. mexicana	miner's lettuce	W,EC,D	100s	
Clematis pauciflora	ropevine clematis	W	1	
Cryptantha sp.	popcorn flower	N,W,O	1000s	
Cuscuta sp.	dodder		100s	FW
Cylindropuntia californica	valley cholla	W,O	1	
Deinandra fasciculata	clustered tarplant	N,L	10s	
Delphinium cardinale	scarlet larkspur	W	1	
Dichelostemma capitatum ssp. capitatum	blue dicks	N,W,O	100s	
Diplacus longiflorus	Bush monkey flower	W	100s	F
Emmenanthe peduliflora var. peduliflora.	whispering bells	W	6	
Encelia farinosa	brittlebush	Not natural	1	
Eriastrum sapphirinum	sapphire woolly star	N	10s	
Eriogonum fasciculatum ssp. foliolosum	leafy California buckw	N,W	100s	F
Eriophyllum confertiflorum	golden yarrow		1	
Eucrypta chrysanthemifolia	common eucrypta	N,W,S	100s	
Eulobus californicus	California primrose	N	10	

<i>Frangula californica</i>	California coffeeberry	N,O	1	
<i>Galium angustifolium</i> ssp. <i>angustifolium</i>	narrow leaved bedstr	W	2	
<i>Hazardia squarrosa</i>	saw toothed goldenb	N,W	50s	F
<i>Helianthus annuus</i>	common sunflower		1	
<i>Hesperocnide tenella</i>	western nettle	W,EC,S	100s	
<i>Hesperoyucca whipplei</i>	chaparral yucca	N,W	50s	
<i>Heteromeles arbutifolia</i>	toyon	W	20s	FW
<i>Heterotheca grandiflora</i>	telegraph weed	N	10s	F
<i>Lathyrus vestitus</i> var. <i>vestitus</i>	common Pacific pea	W	1	
<i>Lonicera subspicata</i> var. <i>denudata</i>	southern honeysuckle	W	10s	
<i>Lupinus hirsutissimus</i>	stinging lupine	N,W,O	1	
<i>Lupinus truncatus</i>	collar lupine	W	1	
<i>Lupinus bicolor</i>	miniature lupine	N,L	100s	
<i>Malacothrix saxatilis</i> var. <i>tenuifolia</i>	cliff aster	N,W	10s	FW
<i>Malosma laurina</i>	laurel sumac	N,W	100s	
<i>Marah macrocarpa</i>	wild cucumber	N,W	100s	FW
<i>Mirabilis laevis</i> var. <i>crassifolia</i>	four o'clock	N,W	100s	
<i>Muilla maritima</i>	common muilla	N,W	3	
<i>Opuntia x vaseyi</i>	mesa prickly pear	W	2	
<i>Paeonia californica</i>	California peony	W,S	10s	
<i>Penstemon spectabilis</i>	Showy penstemon	W	1	
<i>Phacelia cicutaria</i> var. <i>hispida</i>	caterpillar phacelia	N,L,W,EC	10s	
<i>Phacelia minor</i>	California bluebells	N,W	100s	
<i>Phacelia ramosissima</i>	branching phacelia	N	1	
<i>Plantago erecta</i>	California plantain	N	1000s	
<i>Platanus racemosa</i>	western sycamore	N,W	10s	
<i>Populus trichocarpa</i>	black cottonwood	W	10s	
<i>Prunus ilicifolia</i> ssp. <i>ilicifolia</i>	holly leaf cherry	W	1	
<i>Pseudognaphalium biolettii</i>	two color everlasting	N,W	10s	FW
<i>Pseudognaphalium californicum</i>	California everlasting	N,W	10s	
<i>Quercus agrifolia</i>	coast live oak	N,W	50s	
<i>Quercus</i> sp.	scrub oak	N,W	100s	
<i>Rafinesquia californica</i>	California chicory	N,S	10s	
<i>Rhamnus crocea</i>	spiny redberry	N	5s	
<i>Rhamnus ilicifolia</i>	holly leaf redberry	W	2	
<i>Rhus aromatica</i>	skunkbrush	W,EC	100s	
<i>Rhus integrifolia</i>	lemonade berry	W,O	1	
<i>Ribes aureum</i> var. <i>gracillimum</i>	golden currant	N,W	100s	FW
<i>Ribes malvaceum</i>	chaparral currant	W,S	2	F
<i>Ribes speciosum</i>	fuchsia-flowered goos	N,W	50	
<i>Salvia apiana</i>	white sage	N,W,O	50s	
<i>Salvia mellifera</i>	black sage	N,W,O	1000s	
<i>Sambucus nigra</i> subsp. <i>caerulea</i>	blue elderberry	N,W	100s	
<i>Scutellaria tuberosa</i>	Danny's skullcap	W,S	10s	
<i>Solanum douglasii</i>	Douglas's nightshade	W	2	FF
<i>Stephanomeria</i> sp.	twiggy wreath plant	W	4	
<i>Toxicodendron diversilobum</i>	poison oak	W	1000s	

Toxicoscordion sp.	death camas	W	1		
		No. flowering	No. flowering		16
			Weekly difference		0

B. Native non-flowering plants

Dryopteris arguta	coastal wood fern	W	1		
Pellaea andromedifolia	coffee fern	W,EC,NF	1	X	
Pentagramma triangularis	goldenback fern	W,EC,NF	100s	X	
Asterella californica	liverwort	W,EC,NF	100s	X	

C. Non-native species:

Acacia sp.	wattle	N,W	10s		
Agave americana	century plant	W	50s		
Bidens pilosa	hairy beggar-ticks	N,O	10s		
Brassica sp.	mustard	N,W,O	1000s	F	
Carduus pycnocephalus	Italian thistle	N,W	1000s		
Centaurea melitensis	Malta star thistle	N	1000s		
Erodium sp.	filaree, storkbill	N,W	1000s		
Eucalyptus camaldulensis	river red gum	W	10s		
Eucalyptus globulus	Tasmanian bluegum	N,L	1		
Euphorbia lathris	gopher plant	N	1		
Ficus carica	edible fig	W	50s		
Galium aparine	common bedstraw	W,S	100s		
Hypochaeris glabra	smooth cat's ear	N,L	100s		
Lactuca serriola	prickly lettuce	W	1		
Marrubium vulgare	common horehound	N,W	50s		
Narcissus jonquilla	jonquils	W	100s		
Nicotiana glauca	tree tobacco	N	10s	F	
Opuntia ficus-indica	mission prickly-pear	N,W	50s		
Racinus summunis	castor bean	W	100s	F	
Salsola tragus	Russian thistle	N	50s		
Schinus molle	Peruvian pepper tree	N	1	F	
Schinus terebinthifolius	Brazilian pepper tree	W	1		
Sisymbrium irio	London rocket				
Sonchus sp.	sow thistle	N,L	100s		
Spartium junceum	Spanish broom	W	100s		
Stellaria media	common chickweed	W	1000s		
Tribulus terrestris	puncture vine	W	1		

Legend for flowering status:

FW = A few flowers (isolated flowers, may be on multiple plants, but a significant minority of the population)

FF = Full flowering, at its peak

F = Flowering widespread, but not at its peak

FR = Fruiting, flowers finished (flowering completed, fruiting in progress or past)

FX = Flowered, but died before life cycle completed

BD = bud only

X = Plant present (applies to non-flowering species)

+ = Location not visited up to this period, but occurrences likely

Suffix '-1', '-2', etc. = Applies to first, second, etc., of multiple dates during this week (First date may not be s
Multiple dates may occur in a week, which begins on Thursday and ends on Wednesday
Second of multiple dates may record only those species differing from/additional to the first date

Legend for location:

N = north hillside

W = west hillside

EC = east facing canyon

NF = north facing slope

O = open area with much sunshine

S = shade or part shade

D = damp areas

L = lower elevations

Legend for No. plants:

A number with an "s" after it is a guess at the possible population, and not necessarily a reliable number.

A number on its own is based on actual count, but may be approximate.

Scope:

The survey omits escaped garden plants occurring adjacent to residences and not more widespread, such as

2	3	4	5	6	7	8	9	10
Jan-w2	Jan-w3	Jan-w4	Jan-w5	Feb-w1	Feb-w2	Feb-w3	Feb-w4	Mar-w1
7-Jan-16	14-Jan-16	21-Jan-16	28-Jan-16	4-Feb-16	11-Feb-16	18-Feb-16	25-Feb-16	3-Mar-16
11	18	25	1	8	15	22	29	8
Cool	Damp	Mild	Cold	Warm	Very warm	Cool	Mild	Cool

F	F	FF	FF	FF	FF	FF	FF	FF
				F	FF	FF	FF	FF

FF

FW FW

FW	F	F	F	F	FF	FF	FF	FF
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X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
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	F		F	F	F	F	F	F	F
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;affixed)

Vinca major (perrywinkle), *Lantana montevidensis* (trailing lantana), *Oxalis pes-caprae*, and ice

11	12	13	14	15	16	17	18
Mar-w2	Mar-w3	Mar-w4	Apr-w1	Apr-w2	Apr-w3	Apr-w4	May-w1
10-Mar-16	17-Mar-16	24-Mar-16	31-Mar-16	7-Apr-16	14-Apr-16	21-Apr-16	28-Apr-16
14	21	28	5	11	19	25	2
Cool	Mild	Cool	Warm	Cool	Warm	Cool	Mild

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	FW	F	FF	FF	FF	F	F
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F	FF FF	FW F FF	FF FF	FF FF	FF F	FF	FF
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		FW	F	FF	F	FF	FF
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		FW F	F	FF	FF	FF	F
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19	20	21	22	23	24	25	26	27	
May-w2	May-w3	May-w4	May-w5	Jun-w1	Jun-w2	Jun-w3	Jun-w4	Jul-w1	
5-May-16	12-May-16	19-May-16	26-May-16	2-Jun-16	9-Jun-16	16-Jun-16	23-Jun-16	30-Jun-16	
	6	Away		30	7	12	18	25	4
Cool		Away	Mild	Mild	Mild	Warm	Hot	Mild	

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28	29	30	31	32	33	34	35	36
Jul-w2	Jul-w3	Jul-w4	Jul-w5	Aug-w1	Aug-w2	Aug-w3	Aug-w4	Sep-w1
7-Jul-16	14-Jul-16	21-Jul-16	28-Jul-16	4-Aug-16	11-Aug-16	18-Aug-16	25-Aug-16	1-Sep-16
10	19	Missed	28	5	13	20	27	3
Mild	Hot		Hot	Cool	Mild	Cool	Cool	Cool

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37	38	39	40	41	42	43	44	45
Sep-w2	Sep-w3	Sep-w4	Oct-w1	Oct-w2	Oct-w3	Oct-w4	Oct-w5	Nov-w1
8-Sep-16	15-Sep-16	22-Sep-16	29-Sep-16	6-Oct-16	13-Oct-16	20-Oct-16	27-Oct-16	3-Nov-15
11	17	24	30	Away	Away	22	29	5
Cool	Cool	Hot	Mild			Cool	Cool	Cool

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FW F FF F F FW FW

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FW FW FW FW

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	0	1	-1	1	0	-1	0	3	0
X	X	X	X			X	X	X	

F	F	F	F			F	F	F	
F	F	F	F			F	F	F	

46	47	48	49	50	51
Nov-w2	Nov-w3	Nov-w4	Dec-w1	Dec-w2	Dec-w3
10-Nov-16	17-Nov-16	24-Nov-16	1-Dec-16	8-Dec-16	15-Dec-16
14	22	28	5	12	19
Mild	Cool	Cool	Cool	Mild	Cool

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F	F	F	F	F	FF
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		FW	FW	FW	F
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