

Knollwood Hillside Observations 2018

16-Sep-19

Week number 1
Month & week number Jan-w1
Weeks (begin on Thurs.): 27-Dec-18
Actual dates of observations: 31
Weather Cold

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	
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	
Antirrhinum kelloggii	Kellogg's snapdragon	S	3	
Artemisia californica	Californica sagebrush	N,W	1000s	FF
Artemisia douglasiana	California mugwort	N	20s	
Asclepias fascicularis	narrow leaf milkweed	N	2	
Baccharis ~pilularis	coyote brush	N,L	1	
Baccharis salicifolia	mulefat	W	20s	FW
Bloomeria crocea	golden stars	N,L	50	
Brickellia californica	Californica brickellbush	W	10s	
Calochortus plummerae	Plummer's mariposa lily	W	2	
Calystegia macrostegia	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 mahoga	W,NF	50s	
Chamaesyce sp.	rattlesnake weed	N,W	100s	FF
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 aurantiacus	Bush monkey flower	W	100s	
Emmenanthe peduliflora var. peduliflora.	whispering bells	W	6	
Encelia farinosa	brittlebush	Not natura	1	
Eriastrum sapphirinum	sapphire woolly star	N	10s	
Eriogonum fasciculatum ssp. foliolosum	leafy California buckwheat	N,W	100s	FW
Eriophyllum confertiflorum	golden yarrow	W	1	
Eschscholtzia californica	California poppy	W	50	

<i>Eucrypta chrysanthemifolia</i>	common eucrypta	N,W,S	100s	
<i>Eulobus californicus</i>	California primrose	N	10	
<i>Frangula californica</i>	California coffeeberry	N,O	1	
<i>Galium angustifolium</i> ssp. <i>angustifolium</i>	narrow leaved bedstraw	W	2	
<i>Hazardia squarrosa</i>	saw toothed goldenbush	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	
<i>Heterotheca grandiflora</i>	telegraph weed	N	10s	FW
<i>Keckiella cordifolia</i>	heartleaf penstemon	W	10s	
<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 sparsiflorus</i>	Coulter's lupine	N	6	
<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	
<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 vaseyi</i>	Vasey's 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	
<i>Ribes malvaceum</i>	chaparral currant	W,S	2	FF
<i>Ribes speciosum</i>	fuchsia-flowered gooseberry	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	

Scutellaria tuberosa	Danny's skullcap	W,S	10s	
Solanum douglasii	Douglas's nightshade	W	2	FF
Stephanomeria sp.	twiggy wreath plant	W	4	
Toxicodendron diversilobum	poison oak	W	1000s	
Toxicoscordion sp.	Fremont's star lily	W	1	
			No. flowering	10
			Weekly difference	0

B. Native non-flowering plants

Dryopteris arguta	coastal wood fern	W	1	X
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
Selaginella bigelovii	Bigelow's spikemoss	EC	1	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	
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	F
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	
Salsola tragus	Russian thistle	N	50s	F
Schinus molle	Peruvian pepper tree	N	1	
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 su

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 v

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
3-Jan-19	10-Jan-19	17-Jan-19	24-Jan-19	31-Jan-19	7-Feb-19	14-Feb-19	21-Feb-19	28-Feb-19
9	13	20	28	6	11	18	25	4
Cold	Cold	Cool	Cool	Cold	Cold	Cold	Cool	Cool

FF FF

FW FW

FW FW FW FF FF FF FF FF FF

FF FF

FW F FF FF FF FF F F F

FF FF FF FF FF FF F F F

F

FW FW FW FW FW FW FW F FW F FW

F

FW FW FW FW FW FW FW FW FW

FW F

FW FW FW

FW F F FW

FW FW FW F FW FW FW FW FW

F

FW FW FW F

FW FW F FF FF FF FF FF FF
F F F FF FF

F FF FF FF FF

FW F FF

F

F FF

FW FW F F FF FF FF FF FF

F FF FF F FW
F FF FF FF F F F F F

F F F FF FF
FW
FF F

FW FW F FW
FW FW F FF
FF FF FF F FW
FW FW FW
FW F F FF

FW

FF	FF	FF	FF	FF	FF	FF	FF	FF	
							F	F	
	16	18	17	20	18	18	18	23	29
	6	2	-1	3	-2	0	0	5	6
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
X	X	X	X	X	X	X	X	X	X
X	X	X	X	X	X	X	X	X	X
			F	F	F	F	F		
					F	F	F	F	F
F	F		F	F	F	F	F	F	F
	F								
	F								
F	F		F	F	F	F	F		F
F	F		F	F	F	F	F	F	F
F	F			F		F			

ffixed)

'inca major (perrywinkle), *Lantana montevidensis* (trailing lantana), *Oxalis pes-caprae*, and

11	12	13	14	15	16	17	18	19
Mar-w2	Mar-w3	Mar-w4	Apr-w1	Apr-w2	Apr-w3	Apr-w4	May-w1	May-w2
7-Mar-19	14-Mar-19	21-Mar-19	28-Mar-19	4-Apr-19	11-Apr-19	18-Apr-19	25-Apr-19	2-May-19
11	18	25	1	8	15	22	29	6
Cool	Warm	Cool	Mild	Warm	Away	Cool	Cool	Cool

FF	FF	FF	FF	FF		F	FF	FF
						F	F	F
						F	FF	FF
FW	F	FF	FF	FF		F	F	FW
FF	FF	FF	FF	FF		FF	FF	FF
								F
FF	FF	FF	FF	FW		F	FF	FF
	FW	F		F		FW	FW	FW
FW								
FW	FF	FF	FF	F		FW		
F	FF	FF	FF	FF		FF	FF	FF
FF	FF	FF	FF	FW		F	FF	FF
				FF		F	FW	
FF	FF	FF	FF	FF		FF	FF	F
FW	FW	FW	FW			FW		
						F	FF	FW
F	FF	FF	FF	FF		FF	F	F
			FW	F		FF	FF	FF
			F	FF		F	F	F
FW	FW			F		F	F	F
				F		F	FF	FF

F	FF	FF	FF	FF		F	F	F
				FW		FW		
FW	F	FW	F	F		FF	F	F
FW	F	F	F	FF		F	FF	FW
FW	FW	FW	FW	FW		FW	FW	FW
FF	FF	FF	F	F				
						F	FF	FF
FF	FF	FF	FF	FW				
	FF	FF	FF	FW				
FF	FF	FF	FF	FW		FW	F	F
	FF	FF	FF	FF		F	F	FW
								F
FF	FF	FF	FF	F			FW	FW
FF	FF	FF	FF	FW		FW		FW
	F		FF	FF		FF	FF	FF
FF	FF	FF	FF	FW				
FF	FF	FF	FF	F		FF	FF	FF
				FF		FF	F	F
FF	FF	FF	FF	FF		FF	F	F
FF	FF	F						
	F	FF	FF	FF		FF	F	F
FF	FF	FF	FF	FF		F	F	F
F	F	F	F	FF		F	F	F
	F	FF	FF	FF		FW		
F	F	F	F	F		FW		
						FF	FF	FF
FF	FF	FF	FF	FF				
FF	FF	FF	FF	FF				
FW	F	F	FF	F				
FW								
F	F	F	FW	FW				
FF	FF	FF	FF	FF		F	FW	FW
								F
FW	FW	F	FF	FF		FF	FF	FF
		FW		FW		FF	FF	FF

20	21	22	23	24	25	26	27	28
May-w3	May-w4	May-w5	Jun-w1	Jun-w2	Jun-w3	Jun-w4	Jul-w1	Jul-w2
9-May-19	16-May-19	23-May-19	30-May-19	6-Jun-19	13-jun-201	20-Jun-19	27-Jun-19	4-Jul-19
13	20	27	3	10	17	24	1	8
Cool	Cool	Cool	Away	Mild	Cool	Mild	mild	No walk

		F		FF	FF	FF	FF	
FF	FF	FF		FF	FF	F	F	
F	F	F		FW				
FF	F	F		F	F	F	FF	
FF				F	F	F	FW	
FW	FW	FW						
	FW	FF		FF	FF	FF	FF	
F	F	FW		FW	FW	FW	FW	
FF	FF	FF		FF	FF	F		
				FF	FF	F	FF	
FF	FF	FF		FF	FF	FF	F	
FW	FW	FW		FW	FW	FW	FW	
FF	FF	FF		FF	FF	FF	F	
FF	FF	FF		FW	FW	FW	FW	
F	F	F		F	F	F	F	
FW				FW	FW	FW	F	
F	FF			FF	FF	FF	FF	
FW	FF	FF						
F	FW	FW						
FF	FF	FF		FF	FF	F	F	
FF	FF	FF		FF	F	F	FW	
F	FF	FF		FF	F	F	F	
FW	FF	FF		FF	FF	FF	FF	
FF	FF	FF		FF	FF	FF	FF	

FW	F	F	F	FW	FW	
F	FW	FW	FF	FF	FF	FF
F	F	F	F	F	F	F

FW			FF	FF	FF	FF
FW	FW		F	FF	FF	FF

FW	FW		FF	FF	FF	FF
FF	FF	FF	FF	FF	FF	FF

FW	FW	FW				
FW	FW			FW		
FW	FW	FW	FW			
	F	F	FF	FF	FF	FF
			FW	FF	FF	FF

FW			FW	F	F	F
FW	FW		FW			
F	FF	FF	FW	F	FW	FW
FW	F	FF	FF			

FF	F	F	F	F	F	FW
F	FW	FW	FW	FW	FW	FW
FW	FW		FF	FF	FF	FF
F						

FW	FW	FW				
F	FW	FW				FW
FF	FF	FF	FF	FF	F	FW

FF	F	FW	F	F	F	F
----	---	----	---	---	---	---

FW			FF	FF	FF	FF
FF	F	FF	FF	FF	F	FW
FF	FF	FF	FF	FF	FF	FF

FF

FF

FF

F

FF

FF

F

48
8

43
-5

39
-4

41
2

44
3

42
-2

42
0

41
-1

35
-6

X
X
X

X
X
X
X
X

X
X
X
X
X

X
X
X

X
X
X

X

X

X

X

F
F
F
F

F
F
F
F

F
F
F
F

F
F
F
F

F
F
F
F

F
F
F
F

F
F
F
F

F

F

F

F

F

F

F

F

F

F

F

F

F

F

F
F

F
F

F
F

F
F

F
F

F

F
F

F
F

F
F

29	30	31	32	33	34	35	36	37
Jul-w3	Jul-w4	Jul-w5	Aug-w1	Aug-w2	Aug-w3	Aug-w4	Sep-w1	Sep-w2
11-Jul-19	18-Jul-19	25-Jul-19	1-Aug-19	8-Aug-19	15-Aug-19	22-Aug-19	29-Aug-19	5-Sep-19
15	22	30	3	12	19	24	2	9
Warm	Hot	No walk	Warm	Warm	No walk	Warm	V warm	Mild

FF	F		FW					
F	FW		FW	FW		FW	FW	FW
FF	FF		FW					
FW	FW		FW	FW		FW	FW	FW
FF	F		F	FF		FF	F	FW
	FW			F			F	F
			FW	F		FF	FF	FF
FF	FW		FW					
F	F		F	F		F	F	F
FW	FW							
FF	FF		FF	FF		F	F	F
FF	FF		F	FW		FW	FW	
FW	FW		FW	FW		FW		
F								
FF	FF		F	F		F	F	F
FF	FF		F	FW				

FF
F

FF
F

FF
F

F
F

FF

FW
F

F

FF
FW
F
FF

F
FW
F

F
FW

F

FW
FW

FW
FW

FW
F

FF

F

FW

FW

FF
F

FF
F

F
FW

F
FW

F
FW

FW

F
FW

F

F

FW

FW

F

FW

FW

FW

F

F

F

F

F

F

FW
FW

FW

FW

FW

F
FW
F

FW
FW
F

F

F

FW

FW
FW

FW
FW

F	F		F	F		FW	F	F	
							FF	FF	
	31	32	28	25	21		19	21	19
	-4	1	-4	-3	-4	-21	19	2	-2
X	X		X			X	X	X	
	F		F						
F	F		F			F	F	F	
F									
F	F		F			F	F	F	
F	F		F			F	F	F	

38

Sep-w3

12-Sep-19

16

Cool

FW

FW

FF

F

FF

F

F

FW

F

F

FF

FW

F

FW

FW

F

FW

FW

FW
FF

20
1

X

F

F

F

