

**Knollwood Hillside Observations 2018**

**24-Dec-18**

		<b>Week number</b>		<b>1</b>	<b>2</b>
		<b>Month &amp; week number</b>		<b>Jan-w1</b>	<b>Jan-w2</b>
		<b>Weeks (begin on Thurs.):</b>		<b>28-Dec-17</b>	<b>4-Jan-18</b>
		<b>Actual dates of observations:</b>		<b>1</b>	<b>8</b>
		<b>Weather</b>		<b>Cool</b>	<b>Damp</b>
<b>Botanical name</b>	<b>Common name</b>	<b>Location</b>	<b>No. plants</b>		
<b>A. Native angiosperms</b>					
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		
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	F	FF
Bloomeria crocea	golden stars	N,L	50		
Brickellia californica	Californica brickellbush	W	10s		F
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 mahoe	W,NF	50s		
Chamaesyce sp.	rattlesnake weed	N,W	100s	F	F
Cirsium occidentale var. californicum	California thistle	W	50s		
Frangula californica	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	F	F
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 buckwhea	N,W	100s	F	F
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	F	FW
<i>Galium angustifolium</i> ssp. <i>angustifolium</i>	narrow leaved bedstraw	W	2		
<i>Hazardia squarrosa</i>	saw toothed goldenbush	N,W	50s	FW	FW
<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	F	FW
<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		
<i>Malosma laurina</i>	laurel sumac	N,W	100s		
<i>Marah macrocarpa</i>	wild cucumber	N,W	100s	FW	FW
<i>Mirabilis laevis</i> var. <i>crassifolia</i>	four o'clock	N,W	100s	FW	FW
<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	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		FW
<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		F
<i>Ribes malvaceum</i>	chaparral currant	W,S	2	F	F
<i>Ribes speciosum</i>	fuchsia-flowered goosebe	N,W	50	FW	FW
<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	F		F
Stephanomeria sp.	twiggy wreath plant	W	4			
Toxicodendron diversilobum	poison oak	W	1000s			
Toxicoscordion sp.	Fremont's star lily	W	1			
			No. flowering		14	17
			Weekly difference		0	3

**B. Native non-flowering plants**

Dryopteris arguta	coastal wood fern	W	1	X		X
Pellaea andromedifolia	coffee fern	W,EC,NF	1			
Pentagramma triangularis	goldenback fern	W,EC,NF	100s			
Asterella californica	liverwort	W,EC,NF	100s	x		FW
Selaginella bigelovii	Bigelow's spikemoss	EC	1			

**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	FW		FW
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		F
Opuntia ficus-indica	mission prickly-pear	N,W	50s			
Racinus summunis	castor bean	W	100s	F		F
Salsola tragus	Russian thistle	N	50s			
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 suffix)

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:**

3	4	5	6	7	8	9	10	11
Jan-w3	Jan-w4	Jan-w5	Feb-w1	Feb-w2	Feb-w3	Feb-w4	Mar-w1	Mar-w2
11-Jan-18	18-Jan-16	25-Jan-18	1-Feb-18	8-Feb-18	15-Feb-18	22-Feb-18	1-Mar-18	8-Mar-18
15	22	29	03	12	19	26	Away	Away
Mild	Cold	V. warm	Mild	Cold	Very cold	Cold		

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X	X	X	X	X	X	X			
X	X	X	X	X	X	X			
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12	13	14	15	16	17	18	19	20
Mar-w3	Mar-w4	Apr-w1	Apr-w2	Apr-w3	Apr-w4	May-w1	May-w2	May-w3
15-Mar-18	22-Mar-18	29-Mar-18	5-Apr-18	12-Apr-18	19-Apr-18	26-Apr-18	3-May-18	10-May-18
20	26	2	7	16	23	30	7	14
Cool	Cool	Cool	Mild	Mild	Warm	Cool	V. warm	Cool

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	2	2	9	3	4	2	-1	-2	-5

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				

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21	22	23	24	25	26	27	28	29
May-w4	May-w5	Jun-w1	Jun-w2	Jun-w3	Jun-w4	Jul-w1	Jul-w2	Jul-w3
17-May-18	24-May-18	31-May-18	7-Jun-18	14-Jun-18	21-Jun-18	28-Jun-18	5-Jul-18	12-Jul-18
21	26	31	11	18	25	2	9	14
Cold, wet	Cool	Cool, wet	V. warm	Mild	Warm	V. warm	V. humid	Warm

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1      -1      -2      -5      2      -4      -4      -4      -4

X      X      X      X      X      X      X      X      X  
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30	31	32	33	34	35	36	37	38
Jul-w4	Jul-w5	Aug-w1	Aug-w2	Aug-w3	Aug-w4	Sep-w1	Sep-w2	Sep-w3
19-Jul-18	26-Jul-18	2-Aug-18	9-Aug-18	16-Aug-18	23-Aug-18	30-Aug-18	6-Sep-18	13-Sep-18
21	30	6	13	20	27	3	10	17
Mild	V. warm	Hot	Warm	Warm	Cool	Cool	V. warm	Mild

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

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39	40	41	42	43	44	45	46	47
Sep-w4	Oct-w1	Oct-w2	Oct-w3	Oct-w4	Oct-w5	Nov-w1	Nov-w2	Nov-w3
20-Sep-18	27-Sep-18	4-Oct-18	11-Oct-18	18-Oct-18	25-Oct-18	1-Nov-18	8-Nov-18	11/15/2018
24	1	6	Away	22	29	Skip	9	19
Mild	Cool	Cool		Mild	Mild		Mild	Mild

FW

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F	FW	F		F	F		F	F	
	16	14	14	13	12	11	11	12	12
	2	-2	0	-1	-1	-1	0	1	0
X	X	X		X	X		X	X	
				X					

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48	49	50	51	52
Nov-w4	Dec-w1	Dec-w2	Dec-w3	Dec-w4
22-Nov-18	29-Nov-18	6-Dec-18	13-Dec-18	20-Dec-18
26	3	10	17	24
Mild	Cool	Cool	Mild	Cool

FW

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F	F	F	F	F	
	11	9	8	11	11
	-1	-2	-1	3	0
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	X
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F	F	F
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