

**The Xerces Society
Western Monarch Thanksgiving Count
1997-2018**

SITE ID	SITE NAME	COUNTY	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	
3120	Anchor Bay	Mendocino	1,310		0										0			5	0	0	0		1		
3118	China Gulch, Gualala	Mendocino	2,000	0	0													5	0	0	0	0	2	0	
3119	Fish Rock #1, Anchor Bay	Mendocino		50	0													0	0	0	0		0		
3122	Bav Flat Rd., Bodega Bay	Sonoma			450	700	3											0	0	0	0				
3121	Bodega Dunes Campground, Bodega Bay	Sonoma			300	2,500	4		160	34	0	0	0	0	0		600	10	0	8	10	50	10	0	
3133	Monarch Glen, The Sea Ranch	Sonoma	440	1,600	0						0							0	0	0	0	0	5	5	
3138	Ranch Road, Bodega Bay	Sonoma	6,220	0	6	0												0	0	0	0			0	
3235	Stillwater Cove	Sonoma																			900			0	
3195	Swimming Pool, The Sea Ranch	Sonoma																	5	0	1	0			
2912	Alder Rd., vortex (Larch, Ocean St)	Marin						2,300	10,400	8,880	950	3,520	1,000	390	1,700	0	7,700	150	1,013	3	4,050	13,375	12,360	1,256	
2898	BPUD Sewer Ponds, Bolinas	Marin				1,500	0	0	5	122		0			0	0	0	0	0	0	3	0	410	0	
2903	Chapman Ravine, Stinson Beach	Marin	15,500	4,000	3,000	15,150	1,000	2,000	2,000	8,050	0	0	0	3	49	0	800	0	503	2	8,200	4,000	210	1	
3226	Charlotte, Muir Beach	Marin																			8,000	1,206	414	8	
2909	Fort Baker, GGNRA	Marin		1,600	200	310	15	0	9	2,200	0	550	0	5	0	0	500	10	0	0	250	259	5	0	
2675	Fort Barry, Marin Headlands (Youth Hostel)	Marin	2,550	0	0	0	0	0	0	0	1	0	0	0	0	0	0	5	0	2	5	0	1	0	
3227	Juniper & Kalle, Bolinas	Marin																				10,200	4,060	4,310	200
2899	Purple Gate, Bolinas	Marin	12,000	8,050	1,500	12,050	3	2,000	300	7,200	130	2,600	0	20	27	0	400	530	0	0	8,000	1,020	625	975	
2901	Terrace Ave., Bolinas	Marin		2,050	1,000	2,000	0	0	0						0	0	0	0	0	2	0	0	1	0	
2897	Tenwilliger, Grove, Muir Beach	Marin	2,100	500	500	305	0	35	54		365			0	0	0	0	0	2	0	0	0	1	0	
3169	Avenida Farralonde	Marin																					4	2	
3039	Fort Mason, Near Bldg. 201	San Francisco	150	110	0	0	0	0	0				14	6	1	3	11	2	4	8	16	3	3	3	
3040	Golden Gate Park, 41st & Fulton	San Francisco	700	0	0	0		0						0	0	1	1	0	0		0	0	1	0	
3041	Golden Gate Park, Botanic Garden	San Francisco												7	1	2	4	4	5	0	4	3	2	0	
3190	Golden Gate Park, Strawberry Hill	San Francisco																3			0	0	3		
3194	John McLaren Park	San Francisco																0			0				
3236	Lover's Bridge/ The Presidio	San Francisco																			8				
3037	Rob Hill / The Presidio	San Francisco						0					1	5	3	2	2	2	3	20	160	200	24	2	
3042	Stern Grove / Pine Lake	San Francisco												4	0	0	15	3	3	3	27	8	34		
3189	Treasure Island	San Francisco														240	22	12	15	10		1			
3188	Yerba Buena Island	San Francisco													365	10	23	0	16		41	8			
3213	YMCA Reach / Presidio	San Francisco																	5						
3115	Mare Island, Vallejo	Solano		50																	210	16	5	17	
2841	Point Pinole, Point Pinole	Contra Costa	5,000		1,000	600	3	0		879	0	0	0	0	0	0	785	4	0			252	268	1	
2840	U.C. Berkeley Extension, Richmond	Contra Costa	3,000	12	0	150	0																		
2830	Albany Hill, Albany	Alameda	3,000	85	3	0	0	0			350			0	83	18	9	2,137	45	12	127	1,244	875	768	12
2831	Ardenwood Historical Farm, Fremont	Alameda	25,000	5,000	135	1,530	1,000		1,500	2,036		1,595	182	683	883	224	4,188	1,682	1,032	2,061	2,409	2,468	2,075	66	
3228	Berkeley Aquatic Park	Alameda																			1,325	0	3	10	
2834	Coyote Hills, Fremont	Alameda	700	500	210	500			300	249		420		72	30			0				1	21	10	
2832	Chuck Corica Golf Course, Bay Farm Island	Alameda		1,500			3,000	2,000	750			2,250		0	100			2,171		1,010	2,226	1,710	985	70	
3229	Lake Merritt	Alameda																			100	50	34		
2836	Newpark Mall (Shirley Sisk Grove)	Alameda																				96	163	0	
3191	Oyster Point Regional Shoreline	Alameda																0	0	20		253	19		
2833	San Leandro Golf Course, San Leandro	Alameda	25,000	20,000	2,000	2,050	1,050	1,000	2,500		4,900	5,625	6,000	5,000	5,000	3,000	7,000	4,000	5,000	7,750	12,864	6,675	7,817	192	
2837	Slowwest Golf Course, Hayward	Alameda			5,000	5,600	1,000								54	0		37	3			160	670	56	
3210	Alameda Point	Alameda																					19	7	
NEW	Encinal Boat Ramp	Alameda																					3	24	
3100	Whitehouse Creek, Año Nuevo	San Mateo															2								
3108	Frenchman's Creeks	San Mateo																						2	
3107	Verde	San Mateo																					20	0	
2985	Escalona Gulch, Capitola	Santa Cruz		1,200	625	166	105	18	0	9	15	2	0	370	9	4		200	450	950	950	2,508	188	1	
2995	Home of Peace Cemetery, Santa Cruz	Santa Cruz		6	6	27	1		1	5	34		0	3				6	30		600	25	28		
3000	Lighthouse Field, Santa Cruz	Santa Cruz	70,000	50,000	9,500	35,000		3,200	11,000	9,600	14,000	10,300	5,700	2,607	4,000	4,000	18,100	3,200	4,500	7,000	12,000	12,000	12,000	1,802	
3011	Lifeguard Headquarters, 14th Ave., Santa Cruz	Santa Cruz				43	13	4	0	21	20	13	7	14	14			0	0	2	8	8	8	15	
2989	Manresa State Beach	Santa Cruz																0		2		2		0	
2983	Moran Lake, Moran Lake	Santa Cruz	70,000	8,000	4,500	4,000	1,500	1,000	6,000	4,500	3,400	6,600	2,200	4,023	2,276	3,000	4,500	2,500	790	4,300	5,800	4,000	5,400	1,373	
2998	Natural Bridges State Beach, Santa Cruz	Santa Cruz	120,000	60,000	15,000	20,000	3,000	6,000	5,700	9,600	3,900	7,300	2,700	3,500	1,300	2,300	3,000	500	4,600	3,400	8,000	3,500	9,000	1,120	
2986	New Brighton / Potbelly, Aptos	Santa Cruz		445	2,000	2,640	64	8	3	500	617	2,015	12	35	41	24		400	1,145	7	500	250	300	10	
3010	Ocean View and Marine Drive, Davenport	Santa Cruz																				2,417	2,876	694	
3002	Oxford & Alamar	Santa Cruz																0					0	0	
2990	Palm Beach	Santa Cruz																		4		171	3	0	
2984	Rispin Mansion, Santa Cruz	Santa Cruz		5	20	11	17	0	0	16	11	9	3	7	4	2		9	0		27	240	6	7	
2988	Seascope Golf Course, Aptos	Santa Cruz		240	280	1,050	1,400	4		950		2,000	48	1,560	23	1,000		2,500	0		1,800	1,000	100		
3005	South Branciforte, Buena Vista	Santa Cruz		2	27	24	23	0	0	75	48	32	5	8	7	2		7	6	277	185	1,980	9	20	
3008	UCSC Arboretum	Santa Cruz																0		9		0	1	3	
2924	Andrew Molera State Park	Monterey					4,470	917	13,888	4,759	8,239	2,858	607	4,903	155	1,551	4,201	1,852	442	2,835	5,620	2,327	5,100	3	
2940	Big Creek Preserve	Monterey																							
2935	Butterfly Grove Sanctuary, Pacific Grove	Monterey	45,000	35,000	25,000	20,000	14,960	4,700	22,802	10,867	12,199	28,746	8,181	17,866	793	4,968	12,265	10,790	13,420	18,128	11,472	17,100	7,350	815	
3248	Deer Flat Ranch	Monterey																						241	
3192	CH1 Private Site	Monterey																		0	0	656	4,646	1,100	3
3230	CH2 Private Site	Monterey																			62	0	0		
2927	Del Monte Road	Monterey																	88	572	371	145	142	1	
3185	Los Padres National Forest/Caltrans Grove	Monterey															6	8	0	19	1	0	0	3	
2921	McWay Canyon	Monterey																		0	0	0	0	0	0
2943	Moss Landing Middle School, Moss Landing	Monterey			0																0	2	0		
2931	Pacific Grove Golf Course	Monterey																		0				0	0
2926	Palo Colorado, South of Carmel Highlands	Monterey			0	300	0	33	10	0	0	1	0			0	0		3	14	3	0	16	0	
2941	Plaskett Creek, South of Big Sur	Monter																							

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2857	Encinal Canyon, Malibu	Los Angeles	7,500			15	5		10					0				13	180	6	0	0		
2882	El Dorado Nature Center, Long Beach (#1)	Los Angeles	2,500	500	10	15	30		8			25	25	40		30	30	5	85	16		5	0	
3196	El Dorado Nature Center, Long Beach (#2)	Los Angeles			10	10	3		0							5	5	12	0			0	1	
2875	Heartwell Park, Lakewood	Los Angeles	25	100		0																0	0	
3244	La Chusa Creek	Los Angeles																				150	0	
2855	Leo Carrillo State Beach, Malibu	Los Angeles	100	4,500	300	60	5	45	155		35		10	40		15		3	0	120	5		2	
3218	Livingston Park, Long Beach	Los Angeles												2									0	
2866	Malibu Creek (Serra Rd.), Malibu	Los Angeles	5,000	4,000	200	1		10	300				15	4					100					
2856	Old Kinney-Stahly Place, Malibu	Los Angeles	10,500																					
2890	Recreation Park (north), Long Beach	Los Angeles	150	70		130	40		0					25					0			0	0	
2891	Recreation Park (south), Long Beach	Los Angeles	750	0		20	3		3					120					5	8	2	0		
2892	Schabarum Co. Park, Rowland Heights	Los Angeles	60	2				7					6	25										
2893	Via La Selva & Via Capay, Palos Verdes	Los Angeles		300		150	10		3										0					
2881	Wilderness Park, Redondo Beach	Los Angeles	200	300		0	35		20				12	2					2	56			3	
3181	Woodlawn Cemetery, Santa Monica	Los Angeles		175		15	600	60	30					30		75			12			15		
3182	27540 Hwy. 1, Malibu	Los Angeles	400			5			25															
2894	2817 Via La Selva, Palos Verdes	Los Angeles		800		0	10		6										0					
3197	Alviso Resort, Laguna Beach	Orange	200																					
3197	Bolsa Chica, Huntington Beach	Orange														15	6	25	15	2			3	
2947	Ochey State Beach, Dana Point	Orange	150	120	10	15	0		0	0				3				0					0	
2976	Festival of the Arts, Laguna Beach	Orange												5									0	
2977	Golden West College, Huntington Beach	Orange		800	0	1	35		0	235	140	15	8	20		60	50	15	45	8		15	0	
2954	Gum Grove Park, Seal Beach	Orange	2,000	0	20	0	0		0				2	25		40	40	20	25	12	0	35	0	
2978	Hospital Site, Dana Point	Orange	650	80	5	0	0		0					5									0	
2975	Huntington Central Park, (amphitheater)	Orange	3,800	1,500	0	1	19		0	123	450	25	60	25	17	30	30	12	10	12		100	35	
2955	Huntington Central Park, Gothard St. Site	Orange	3,000	0	0	1	1		0	45		40		0	4		2	3	0	0		12	1	
3198	Junipero & Presidente, San Clemente	Orange														5	0		0				0	
3199	Marina Park, Seal Beach	Orange														7		0		2			1	
2979	Naval Weapons Station, Seal Beach	Orange		200																			0	
2957	Norma Gibbs, Graham St., Huntington	Orange	350	8	7	0	8		1	20	60		1	30	175	100	25	2	135	50		0	25	
2949	San Clemente State Park, San Clemente	Orange		150	1	20	0			104	110	20	1	100	15	240	175	225	120	1	1	0	3	
2980	Sundance Dr., Costa Mesa	Orange	3,500	1,500	0	5	23		6	20		3	10	3			280	10	30	29		1	1	
3200	Trafalgar Ln., San Clemente	Orange														5	1		0				1	
3202	Camp Pendleton Main	San Diego	10,000	5	10	225		20	15	130	830	300		50	12	2								
3184	Crest Dr., Encinitas	San Diego	50	0	0	0			0											0			0	
3022	Crest Rd., Del Mar	San Diego	300	0																0			0	
3024	El Camino Real & Chestnut, Carlsbad	San Diego	150	60	2	0	0	0	0				1	25			0	20	0	1		0	4	
3026	El Prado & 6th Street, Balboa Park	San Diego	100	0	6	0	0		1								0	0	1				0	
3019	Eucalyptus Park, Chula Vista	San Diego	250	190	25	0	0		3			0	0	50	0	20	0	30	2	10	0	0	0	
3027	Grape Street Park, Balboa Park	San Diego	200	30	0	0	0		0					90	0	30	30	10	15	30	20	2	0	
3205	Hidden Pines Trail, Torrey Pines SNR	San Diego	170	5	0	1	15	0	0		0			5		0	30	0	5	0		0	0	
3013	Hosp Grove, Carlsbad	San Diego	1,100	200	0	6	0	0	0	0	0			15		40	5	35	0	0	0	0	2	
3180	Mount Soledad, La Jolla, Romero Dr.	San Diego	500	70	0	0			0															
3020	Nogales Site, Del Mar	San Diego	1,100	400	25	40	1	0	3	45	12	30	20	75	1	20	15	75	30	45		30	3	
3030	Pottery Canyon, La Jolla	San Diego	55	15	0	0			1					0					20		6	8	0	
3016	Presidio Park, Old Town	San Diego	250	100	17	32	25	5	13	50	20	25	20	60	5	50	10	40	15	30	3	0	1	
3025	Quail Gardens Dr., Encinitas	San Diego	50	0	0	0			0											0				
3014	San Diego Botanic Garden	San Diego	150	7	0	17	6	15	15			20	10	30		40	15	12	0	25			0	
3028	San Dieguito County Park, Solana Beach	San Diego	120	8	0	0	0		0											0			0	
3204	San Onofre Creek, Camp Pendleton	San Diego												150	1	35							0	
3206	South Torrey Pines State Natural Reserve	San Diego	80	5	0	0	5	0	0							2		0	0	0		0		
3017	Space Theater Way, Balboa Park	San Diego	100	0	0	2			0								10	10				0	0	
3203	Tomato Fields, Camp Pendleton	San Diego									30			130	50	20								
3029	UCSD Che Cafe	San Diego	450	50	3	0	0	0	0	0			0	0		1	0	0	0	0			2	
3031	UCSD Coast Site, Azul St.	San Diego	2,400	350	10	26	15	0	0	35	10	20	0	30	5	90	2	25	60	30	150	10	0	
3023	UCSD Mandeville	San Diego	8,000	750	1	1	1	0	0	0			0	1		10	0	0	0	0			0	
3219	UCSD Running Field	San Diego																		0			0	
3032	UCSD Salk Site, Near Salk Institute	San Diego	0	325	0	0	0	0	0				0						0	0	0		0	
3033	UCSD Weiss, Near the Weiss Theater	San Diego	40	20	1	6	2	0	0	0				1		0	0	0	0	0		3	0	
3201	Veterans Park, Imperial Beach	San Diego														12	5	15	12	25	15	0	47	
3153	El Sauzal, Near Mex. 1 and Mex. 3	Baja California	2,000	600	100	48			20	40													19	
3154	La Mission	Baja California	30	7		12			1	3													0	
3155	La Salina	Baja California	1,700	800	50	80			60	45														
3156	Moneadero, 12 miles south of Ensenada	Baja California	50	250		4			0															
3157	Rancho Santa Anita (Mex. 3)	Baja California	900	100		54			1	6														
3247	Hotel Villas California	Baja California																					28	
	Buckskin State Park	Parker, AZ																				110	8	
	Desert Botanical Garden	Phoenix, AZ														12	1		0	1			0	
	Rio Salado Habitat Restoration Area-Main	Phoenix, AZ														17	42		12	2	10	6	2	
	Rio Salado Habitat Restoration Area-N. Anex	Phoenix, AZ														2	26		0	0	0	0	0	
	Rio Salado Habitat Restoration Area-S. Anex	Phoenix, AZ														6	18		1	0	1	0	0	
	Rotary Park	Lake Havasu, AZ																				60	6	
	South Mountain & 24th Street	Phoenix, AZ														10	15		6	3		1	0	
	Singh Farm	Scottsdale, AZ																		8		0	0	
	McClintock & Salt River Riparian Area	Tempe, AZ														5	12		2				0	
2846	Hunter Canyon	Inyo																					137	
2848	Willow Canyon	Inyo																					5	
2847	McElvoy Canyon	Inyo																					3	
	Total reported:		1,235,490	564,349	267,574	390,057	209,570	99,353	254,378	205,085	218,679	221,058	86,437	131,889	58,468	143,204	222,525	144,812	211,275	234,731	292,888	298,464	192,668	27561
	No. Counts:		101	111	118	139	126	94	123	83	91	87	92	116	76	114	129	136	163	185	187	253	263	212
	Average:		12,232.6	5,084.2	2,267.6	2,806.2	1,663.3	1,056.9	2,068.1	2,470.9	2,403.1	2,540.9	939.5	1,137.0	769.3	1,256.2	1,725.0	1,064.8	1,296.2	1,268.8	1,566.2	1,179.7	732.6	130.00472
	Standard Error:		2178.676	1369.671																				