

DataSet	Locality ID	subspecies	purity (80%)	cluster	N	Individual ID	Dec_Lat	Dec_Long
Sierra Nevada (Pereira and Wake, 2009)	Ishi Pishi Road	<i>oregonensis</i>	hybrid	<i>oreg c x oreg b</i>	11	MVZ 182066-76	41.371058	-123.493434
	Arcata	<i>picta</i>	parental	<i>pict</i>	10	MVZ 150430-7, MVZ 150439-40	40.877199	-124.066012
	Alderpoint	<i>oregonensis</i>	parental	<i>oreg c</i>	10	MVZ 158076-85	40.176726	-123.610266
	<u>Salyer</u>	<i>oregonensis</i>	hybrid	<i>pict x oreg b</i>	23	MVZ 215789-810, MVZ 215825	40.883229	-123.546940
	Little French Creek	<i>oregonensis</i>	parental	<i>oreg b</i>	8	MVZ 215811-8	40.770648	-123.306246
	Helena	<i>oregonensis</i>	hybrid	<i>oreg a x oreg b</i>	4	MVZ 217521, MVZ 215826-8	40.782537	-123.128305
	<u>Oregon Mountain</u>	<i>oregonensis</i>	hybrid	<i>oreg a x oreg b</i>	8	MVZ 215822-4, MVZ 233089-92, S#10990	40.745890	-122.973090
	Buckhorn Summit	<i>oregonensis</i>	hybrid	<i>oreg a x oreg b</i>	10	MVZ 215761-70	40.636559	-122.733265
	Hazel Creek	<i>oregonensis</i>	parental	<i>oreg a</i>	14	MVZ 215747-60	41.055008	-122.352126
	Ingot	<i>oregonensis</i>	parental	<i>oreg a</i>	8	MVZ 172523-5, MVZ 167974, MVZ 182000-3	40.726034	-122.078822
	Oak Run	<i>oregonensis</i>	parental	<i>oreg a</i>	6	MVZ 173211, MVZ 173213, MVZ 195575, MVZ 197518-9, MVZ 195571	40.653636	-121.942742
	Whitmore	<i>oregonensis</i>	parental	<i>oreg a</i>	4	MVZ 178769, MVZ 178772-3, MVZ 173215	40.646724	-121.815871
	Bear Creek	<i>oregonensis</i>	parental	<i>oreg a</i>	5	MVZ 215771-2, MVZ 215909, MVZ 218075, S#10995	40.520335	-121.910672
	Viola	<i>platensis</i>	parental	<i>plat d</i>	9	MVZ 211831-5, MVZ 217522-3, MVZ 217525, MVZ 215829	40.530006	-121.658350
	Bluff Springs	<i>platensis</i>	hybrid	<i>plat d x plat c</i>	7	MVZ 215788, MVZ 215830, MVZ 211838, MVZ 218076-7, S#10870-1	40.402150	-121.810901
	Potato Patch Campground	<i>platensis</i>	hybrid	<i>plat d x plat c</i>	6	MVZ 197523-5, MVZ 194143-4, MVZ 195574	40.192885	-121.531980
	<u>Feather River</u>	<i>platensis</i>	hybrid	<i>plat d x plat c</i>	11	MVZ 218062-72	39.684311	-121.313640

Bald Mountain	<i>platensis</i>	hybrid	<i>plat c x plat b</i>	7	MVZ 173177-83	39.335333	-121.014167
Yankee Jim	<i>platensis</i>	parental	<i>plat c</i>	10	MVZ 172463, MVZ 172466-8, MVZ 172474-9	39.037000	-120.907500
GeorgeTown	<i>platensis</i>	hybrid	<i>plat c x plat b</i>	4	MVZ 172441-4	38.926721	-120.764011
Blodgett	<i>platensis</i>	hybrid	<i>plat c x plat b</i>	12	MVZ 172450-8, MVZ 163821-2, S#5414	38.844150	-120.505990
West Panther Creek	<i>platensis</i>	hybrid	<i>plat c x plat b</i>	10	MVZ 195229-38	38.535201	-120.352750
Camp Connell	<i>platensis</i>	hybrid	<i>plat c x plat b</i>	10	MVZ 158054-63	38.323358	-120.263349
Holcomb Creek	<i>platensis</i>	parental	<i>plat b</i>	7	MVZ 195240-6	38.306015	-120.382151
Tuolumne	<i>platensis</i>	parental	<i>plat b</i>	5	MVZ 177864-8	37.999943	-120.175055
Tuolumne UB	<i>platensis</i>	parental	<i>plat b</i>	5	MVZ 158887-91	38.003040	-120.133485
<u>Wagner Ridge</u>	<i>platensis</i>	hybrid	<i>plat b x plat a</i>	6	MVZ 173167-72	37.785310	-120.155314
Westfall	<i>platensis</i>	parental	<i>plat a</i>	5	MVZ 173133-5, MVZ 173147, MVZ 173137	37.444344	-119.652110
Southfork	<i>platensis</i>	parental	<i>plat a</i>	2	MVZ 227233-4, MVZ	37.204731	-119.408554
Auberry	<i>platensis</i>	parental	<i>plat a</i>	4	MVZ 227220-1, MVZ 168882, S#486	37.122634	-119.369396
Hartland	<i>platensis</i>	parental	<i>plat a</i>	5	MVZ 168926-30	36.654723	-118.957292
Sugarloaf	<i>platensis</i>	parental	<i>plat a</i>	5	MVZ 157830-33	35.831630	-118.628263
Kern River	<i>platensis</i>	parental	<i>plat a</i>	10	MVZ 22722-8, MVZ 222475-8, S#10047-8	35.572657	-118.594460

North of San Francisco Bay	Barton Gulch	<i>oregonensis</i>	parental	<i>oreg d</i>	18	MVZ 168991-01, MVZ 169003-8, MVZ 169062	39.179368	-123.680855
(Pereira and Wake, 2009)	Sea Ranch	<i>oregonensis</i>	parental	<i>oreg d</i>	11	MVZ 181220-7	38.732701	-123.464184
			parental	<i>oreg d</i>		MVZ 167979-81	38.700260	-123.418549
	<u>Orrs Spring</u>	<i>oregonensis</i>	hybrid	<i>oreg d x oreg e</i>	8	S#4681-8	39.267812	-123.308184
	Branscomb Rd	<i>oregonensis</i>	hybrid	<i>oreg d x oreg c</i>	10	MVZ 189088-91	39.686337	-123.485194
			hybrid	<i>oreg d x oreg c</i>		MVZ 194080	39.659760	-123.684440
			hybrid	<i>oreg d x oreg c</i>		MVZ 194082-6	39.686337	-123.485194
	Drive-thru tree	<i>oregonensis</i>	parental	<i>oreg c</i>	22	MVZ 182016-37	39.858552	-123.718114
	Usal Rd	<i>oregonensis</i>	parental	<i>oreg c</i>	13	MVZ 189053-65	39.789726	-123.828270
	<u>Longvale</u>	<i>oregonensis</i>	hybrid	<i>oreg c x oreg e</i>	10	MVZ 182006-15	39.545482	-123.422717
	Maillard	<i>oregonensis</i>	hybrid	<i>oreg c x oreg e</i>	9	MVZ 195515-23	38.904776	-123.319921
	Parramore Crk	<i>oregonensis</i>	parental	<i>oreg e</i>	12	MVZ 194055	39.316723	-122.933390
			parental	<i>oreg e</i>		MVZ 194056	39.318102	-122.930207
			parental	<i>oreg e</i>		MVZ 194057-60	39.316551	-122.919643
			parental	<i>oreg e</i>		MVZ 194934-9	39.316792	-122.926406
	Cobb	<i>oregonensis</i>	parental	<i>oreg e</i>	16	MVZ 195524-39	38.831651	-122.731431
	Robert Louis Stevenson	<i>oregonensis</i>	parental	<i>oreg e</i>	20	MVZ 186602-4	38.660323	-122.596224
			parental	<i>oreg e</i>		MVZ 186605-8	38.667017	-122.595745
			parental	<i>oreg e</i>		MVZ 186609-10	38.660323	-122.596224

		parental	<i>oreg e</i>		MVZ 186611-12	38.667017	-122.595745
		parental	<i>oreg e</i>		MVZ 194160-3	38.660770	-122.596090
		parental	<i>oreg e</i>		MVZ 194138-41	38.663670	-122.598500
		parental	<i>oreg e</i>		MVZ 194142	38.665740	-122.597580
Samuel P Taylor	<i>oregonensis</i>	hybrid	<i>oreg e x oreg d</i>	8	MVZ 168522-3, MVZ 181295-300	38.023746	-122.726799
Geyser Rd	<i>oregonensis</i>	parental	<i>oreg e</i>	15	MVZ 194104	38.717129	-122.836922
		parental	<i>oreg e</i>		MVZ 194106	38.765352	-122.819546
		parental	<i>oreg e</i>		MVZ 194108	38.765454	-122.809002
		parental	<i>oreg e</i>		MVZ 194109	38.770117	-122.812076
		parental	<i>oreg e</i>		MVZ 194110-2	38.776369	-122.820422
		parental	<i>oreg e</i>		MVZ 194113	38.798955	-122.825207
		parental	<i>oreg e</i>		MVZ 194155-6	38.763695	-122.819283
		parental	<i>oreg e</i>		MVZ 194061	38.756686	-122.826136
		parental	<i>oreg e</i>		MVZ 194062	38.764696	-122.817701
		parental	<i>oreg e</i>		MVZ 194063-5	38.764072	-122.807948
Occidental	<i>oregonensis</i>	hybrid	<i>oreg e x oreg f</i>	18	MVZ 181309-26	38.412797	-122.950175
Calistoga Rd	<i>oregonensis</i>	parental	<i>oreg f</i>	20	MVZ 194149	38.518475	-122.601920
		parental	<i>oreg f</i>		MVZ 194150	38.519197	-122.597021
		parental	<i>oreg f</i>		MVZ 194151-2	38.520230	-122.593391
		parental	<i>oreg f</i>		MVZ 194153	38.519987	-122.589760
		parental	<i>oreg f</i>		MVZ 194154	38.519262	-122.588228

			parental	<i>oreg f</i>		MVZ 194089	38.521152	-122.625107
			parental	<i>oreg f</i>		MVZ 194090	38.521117	-122.623314
			parental	<i>oreg f</i>		MVZ 194091-3	38.518475	-122.601920
			parental	<i>oreg f</i>		MVZ 194094-5	38.518992	-122.600433
			parental	<i>oreg f</i>		MVZ 194096-100	38.519262	-122.588228
			parental	<i>oreg f</i>		MVZ 194101	38.516942	-122.584512
			parental	<i>oreg f</i>		MVZ 194102	38.519774	-122.573352
	Conn Creek	<i>oregonensis</i>	parental	<i>oreg f</i>	20	MVZ 181250-9, MVZ 181262-71	38.505378	-122.395308
	Mount Veeder	<i>oregonensis</i>	parental	<i>oreg f</i>	10	MVZ 158115-24	38.418960	-122.413180
	Phoenix Lake	<i>oregonensis</i>	parental	<i>oreg f</i>	10	MVZ 158091-98, MVZ 194146-7	37.950669	-122.571957
	Copeland Creek	<i>xanthoptica</i>	parental	<i>xant a</i>	12	MVZ 187207-8	38.338601	-122.596482
	Siesta Valley	<i>xanthoptica</i>	parental	<i>xant a</i>	12	MVZ 188984-91, S#4090-3	37.875897	-122.214785

San Francisco Bay	Copeland Creek	<i>xanthoptica</i>	parental	<i>xant a</i>	1	MVZ 189009	38.333765	-122.625014
(Pereira and Wake, 2009)	Sonoma Mountain Road	<i>xanthoptica</i>	parental	<i>xant a</i>	4	MVZ 205023-4	38.369662	-122.602998
			parental	<i>xant a</i>		MVZ 205011	38.369801	-122.597677
			parental	<i>xant a</i>		MVZ 205006	38.367179	-122.585632
	Parker Hill	<i>xanthoptica</i>	parental	<i>xant a</i>	19	MVZ 205681-99	38.485823	-122.696371
	Rieble Road	<i>xanthoptica</i>	parental	<i>xant a</i>	5	MVZ 208465	38.504240	-122.733323
			parental	<i>xant a</i>		MVZ 208467	38.504688	-122.732710

		parental	<i>xant a</i>		MVZ 208466	38.505997	-122.724568
		parental	<i>xant a</i>		MVZ 208448-9	38.509654	-122.716119
Trenton Healdsburg Road	<i>xanthoptica</i>	parental	<i>xant a</i>	11	MVZ 208459-61	38.487692	-122.853805
		parental	<i>xant a</i>		MVZ 223111-3, MVZ 223115-6, S#10776-7	38.494343	-122.863037
		parental	<i>xant a</i>		MVZ 215840	38.503828	-122.873254
Mirabel Road	<i>xanthoptica</i>	parental	<i>xant a</i>	6	MVZ 208400, MVZ 208407	38.473768	-122.905483
		parental	<i>xant a</i>		MVZ 208431	38.474251	-122.905045
		parental	<i>xant a</i>		MVZ 223053	38.473653	-122.901024
		parental	<i>xant a</i>		MVZ 223089-90	38.473619	-122.899272
<u>Pressley Road</u>	<i>oregonensis</i>	hybrid	<i>xant a x oreg f</i>	6	MVZ 205004	38.387290	-122.549407
		hybrid	<i>xant a x oreg f</i>		MVZ 205001	38.365453	-122.561971
		hybrid	<i>xant a x oreg f</i>		MVZ 204997	38.362348	-122.554458
		hybrid	<i>xant a x oreg f</i>		MVZ 205026-7	38.363777	-122.559366
		hybrid	<i>xant a x oreg f</i>		MVZ 204998	38.373043	-122.545392
South Russian River 1	<i>xanthoptica</i>	parental	<i>xant a</i>	15	MVZ 223094, MVZ 223098, MVZ 223102, MVZ 223105, S#10803	38.510383	-122.882041
North Russian River 1	<i>oregonensis</i>	parental	<i>oreg f</i>		MVZ 215782-4, MVZ 215775-9, MVZ 215885, MVZ 215887	38.510210	-122.882872
Pythian Road	<i>oregonensis</i>	parental	<i>oreg f</i>	15	MVZ 205668-76	38.449114	-122.572852
		parental	<i>oreg f</i>		MVZ 205642-3	38.446318	-122.573115
		parental	<i>oreg f</i>		MVZ 205479-82	38.448999	-122.572950
Mark West Springs Road	<i>oregonensis</i>	parental	<i>oreg f</i>	10	MVZ 208385	38.523724	-122.719165

		parental	<i>oreg f</i>		MVZ 205645-8, MVZ 205677-80	38.530301	-122.724169
		parental	<i>oreg f</i>		MVZ 208387	38.542279	-122.719302
Martinelli Road	<i>oregonensis</i>	parental	<i>oreg f</i>	8	MVZ 208434-9	38.505330	-122.918209
		parental	<i>oreg f</i>		MVZ 208384, MVZ 208394	38.496310	-122.915086
Green Hill Road	<i>oregonensis</i>	parental	<i>oreg f</i>	8	MVZ 208416	38.402766	-122.896815
		parental	<i>oreg f</i>		MVZ 208406, MVZ 208412	38.413952	-122.892628
		parental	<i>oreg f</i>		MVZ 208415	38.411263	-122.890967
		parental	<i>oreg f</i>		MVZ 208413	38.414857	-122.898532
		parental	<i>oreg f</i>		MVZ 208417	38.398630	-122.898038
		parental	<i>oreg f</i>		MVZ 208418	38.401560	-122.897864
		parental	<i>oreg f</i>		MVZ 208414	38.414030	-122.893332
North of Occidental	<i>oregonensis</i>	parental	<i>oreg f</i>	5	MVZ 181310, MVZ 181313, MVZ 181319, MVZ 181324, MVZ 181326	38.412797	-122.950175
North of Russian River 2	<i>oregonensis</i>	hybrid	<i>oreg f x oreg g</i>	6	MVZ 223058-9, MVZ 223061-4	38.514832	-122.888864
Los Alamos Road	<i>oregonensis</i>	hybrid	<i>oreg f x oreg g</i>	7	MVZ 204999	38.475316	-122.615145
		hybrid	<i>oreg f x oreg g</i>		MVZ 205517-8	38.474419	-122.616326
		hybrid	<i>oreg f x oreg g</i>		MVZ 205483	38.475316	-122.615145
		hybrid	<i>oreg f x oreg g</i>		MVZ 205485	38.474419	-122.616326
		hybrid	<i>oreg f x oreg g</i>		MVZ 205478	38.475316	-122.615145
		hybrid	<i>oreg f x oreg g</i>		MVZ 205486	38.470864	-122.618558

Coleman Valley Road	<i>oregonensis</i>	hybrid	<i>oreg f x oreg g</i>	7	MVZ 219740-6	38.407257	-122.986557
Wagnon Road	<i>oregonensis</i>	hybrid	<i>oreg f x oreg g</i>	4	MVZ 208425	38.377758	-122.891806
		hybrid	<i>oreg f x oreg g</i>		MVZ 208432	38.375739	-122.879199
		hybrid	<i>oreg f x oreg g</i>		MVZ 208422	38.382455	-122.888917
		hybrid	<i>oreg f x oreg g</i>		MVZ 208421	38.380072	-122.890187
Parrington Creek	<i>oregonensis</i>	parental	<i>oreg g</i>	4	MVZ 208396, MVZ 208401, MVZ 208403, MVZ 208409	38.413793	-122.929043
Bittner Road	<i>oregonensis</i>	parental	<i>oreg g</i>	7	MVZ 219720-4, MVZ 219726-7	38.395036	-122.960787
Taylor State Park	<i>oregonensis</i>	hybrid	<i>oreg g x xant b</i>	1	MVZ 181296	38.023746	-122.726799
Forest Knowlls	<i>oregonensis</i>	parental	<i>oreg g</i>	4	MVZ 219633-5, MVZ 219637	38.008143	-122.683235
Bolinas Road	<i>oregonensis</i>	parental	<i>oreg g</i>	6	MVZ 219627-32	37.972215	-122.603587
Phoenix Lake	<i>oregonensis</i>	hybrid	<i>oreg g x xant b</i>	2	MVZ 158096, MVZ 194147	37.950669	-122.571957
Pilarcitos Creek	<i>oregonensis</i>	parental	<i>oreg g</i>	2	MVZ 185818-9	37.494901	-122.421274
<u>Tunitus Creek Road</u>	<i>oregonensis</i>	hybrid	<i>oreg g x xant b</i>	8	MVZ 202342-9	37.414875	-122.349534
Skyline Blvd.	<i>oregonensis</i>	parental	<i>oreg g</i>	13	MVZ 167292-4, MVZ 167296, MVZ 158132, MVZ 158135-6, MVZ 158141-3	37.458008	-122.337219
		parental	<i>oreg g</i>		MVZ 158145-7	37.426757	-122.298127
Woodside	<i>xanthoptica</i>	hybrid	<i>oreg g x xant b</i>	8	MVZ 215831-6	37.398406	-122.260346
		hybrid	<i>oreg g x xant b</i>		MVZ 215837-8	37.312440	-122.313838
Canyon Rd.	ssp.	parental	<i>xant b</i>	3	MVZ 219652-3, MVZ 219655	37.212944	-122.333574
Pine Flat Rd.	ssp.	parental	<i>xant b</i>	3	MVZ 219661-3	37.079100	-122.140652

Swanton Rd.	ssp.	parental	<i>xant b</i>	3	MVZ 219656-8	37.008705	-122.190197
Cave Gulch	ssp.	parental	<i>xant b</i>	7	MVZ 186613-5, MVZ 186617-8, MVZ 187205, MVZ 186619	36.996440	-122.056757
Santa Cruz Co. Line	<i>xanthoptica</i>	parental	<i>xant b</i>	10	MVZ 205520-2, MVZ 205524-5, MVZ 205527-31	36.997793	-121.685466
Watsonville	<i>xanthoptica</i>	parental	<i>xant b</i>	10	MVZ 181378-82, MVZ 181436-40	36.979270	-121.710586
Strawbwertry Rd.	<i>eschscholtzii</i>	parental	<i>esch</i>	6	MVZ 181386-7	36.832786	-121.686262
		parental	<i>esch</i>		MVZ 205701-4	36.830539	-121.677848
Monterey City	<i>eschscholtzii</i>	parental	<i>esch</i>	3	MVZ 211877-9	36.600207	-121.892529
Coast Rd.	<i>eschscholtzii</i>	parental	<i>esch</i>	10	MVZ 167456-7, MVZ 167460-1, MVZ 167463-8	36.331002	-121.861306

South of San Francisco Bay	Skyline Blvd.	<i>oregonensis</i>	parental	<i>oreg g</i>	19	MVZ 167292-300, MVZ 158131-40	37.458008	-122.337219
(Pereira and Wake, 2009)	Sanborn Canyon	<i>oregonensis</i>	parental	<i>oreg g</i>	16	MVZ 150445-60	37.250403	-122.094983
	Gazos Cr	<i>oregonensis</i>	parental	<i>oreg h</i>	7	S#4178-84	37.185761	-122.331534
	UC Santa Cruz	<i>xanthoptica</i>	parental	<i>xant b</i>	2	MVZ 158157-8	36.9964399	122.0567572
	Santa Cruz	<i>xanthoptica</i>	parental	<i>xant b</i>	15	S#2418-32	36.993226	-122.033229
	Soquel	<i>xanthoptica</i>	parental	<i>xant b</i>	10	S#2287-94	37.005877	-121.952020
			parental	<i>xant b</i>		S#2295-6	36.993226	-122.033229
	Uvas Reservoir	<i>xanthoptica</i>	parental	<i>xant b</i>	2	S#4394-5	37.065925	-121.689941
	<u>Hazel Dell</u>	<i>xanthoptica</i>	hybrid	<i>xant a x xant b</i>	4	MVZ 167405-8	36.993515	-121.734362

Laguna Cr	<i>xanthoptica</i>	hybrid	<i>xant a x xant b</i>	5	MVZ 167410-4	37.079376	-122.139621
Pacheco Pass	<i>xanthoptica</i>	parental	<i>xant a</i>	2	MVZ 157586-7	37.070190	-121.211088
Mt. Hamilton Rd	<i>xanthoptica</i>	parental	<i>xant a</i>	9	MVZ 158153-6	37.352936	-121.735412
		parental	<i>xant a</i>		MVZ 158149-52	37.331455	-121.684072
		parental	<i>xant a</i>		MVZ 158148	37.366479	-121.671384
Moraga Canyon	<i>xanthoptica</i>	parental	<i>xant a</i>	13	S#4001-9, S#4219, S#4391-3	37.822097	-122.133666
San Juan Cyn	<i>eschscholtzii</i>	parental	<i>esch</i>	13	MVZ 167432-4	36.796390	-121.470150
Cienega Valley Rd	<i>eschscholtzii</i>	parental	<i>esch</i>	4	MVZ 157624-7	36.691334	-121.302690
Carmel Valley Rd	<i>eschscholtzii</i>	parental	<i>esch</i>	10	MVZ 172342-5, S#3779-84	36.511982	-121.770913
Hastings	<i>eschscholtzii</i>	parental	<i>esch</i>	4	MVZ 172282-5	36.412496	-121.592813
Santa Monica Mts.	<i>eschscholtzii</i>	parental	<i>esch</i>	2	MVZ 168640-51	34.120000	-118.630000
Honey spring Rd.	<i>eschscholtzii</i>	parental	<i>esch</i>	3	MVZ 168647-9	32.670000	-116.750000
San Jacinto Mts	<i>eschscholtzii</i>	parental	<i>esch</i>	1	MVZ 168646	33.666839	-116.693016

South California	Hartland	<i>platensis</i>	parental	<i>plat a</i>	10	MVZ 168936-445	36.654723	-118.957292
(Pereira and Wake, 2009)	Kern River	<i>platensis</i>	parental	<i>plat a</i>	11	MVZ 227222-32	35.572657	-118.594460
	<u>Breckenridge Mt.</u>	<i>croceator</i>	hybrid	<i>plat a x croc</i>	9	MVZ 168920-5, MVZ 163681-2, MVZ 169032	35.461821	-118.586550

Piute Mts.	<i>croceater</i>	hybrid	<i>plat a x croc</i>	4	MVZ 158086	35.483190	-118.404840
	<i>croceater</i>	parental	<i>croc</i>		MVZ 158087-9	35.440488	-118.391370
Little Mutau Creek	<i>croceater</i>	parental	<i>croc</i>	4	MVZ 195604-7	34.652894	-119.025407
Clear Creek	<i>croceater</i>	parental	<i>croc</i>	3	MVZ 167624-6	35.241596	-118.618189
Cummings Valley	<i>croceater</i>	parental	<i>croc</i>	6	MVZ 168916-9, MVZ 169046, MVZ 168948	35.048330	-118.557140
Tejon Ranch	<i>croceater</i>	parental	<i>croc</i>	10	MVZ 168883-92	35.026099	-118.745260
Pine Mt.	<i>eschsoltzii</i>	parental	<i>esch</i>	3	MVZ 168875-7	34.643333	-119.323677
Millard Canyon	<i>eschsoltzii</i>	parental	<i>esch</i>	12	MVZ 181453-8, MVZ 181468-73	33.979796	-116.775832
Crystal Creek	<i>klauberi</i>	parental	<i>klau b</i>	10	MVZ 185820-2, MVZ 185824-30	34.371979	-116.928589
Santa Rosa Mt	<i>klauberi</i>	parental	<i>klau b</i>	10	MVZ 185831-40	33.542858	-116.490088
Juch Canyon	<i>klauberi</i>	parental	<i>klau a</i>	9	MVZ 181392-400	33.097545	-116.624539
<u>Sawmill Canyon</u>	Hybrid Zone 1	hybrid	<i>klau b x esch</i>	5	MVZ 185805-6, MVZ 185847-9	34.056828	-116.851536
<u>San Jacinto</u>	Hybrid Zone 2	hybrid	<i>klau b x esch</i>	13	MVZ 172528-31, MVZ 172533, MVZ 181960-4	33.803083	-116.730465
		hybrid	<i>klau b x esch</i>		MVZ 181938-40	33.803083	-116.730465
<u>Palomar</u>	Hybrid Zone 3	hybrid	<i>klau a x esch</i>	37	MVZ 172596-601, MVZ 181412	33.270000	-116.850000
		hybrid	<i>klau a x esch</i>		MVZ 181405, MVZ 181973-4, MVZ 185807	33.290000	-116.830000
		hybrid	<i>klau a x esch</i>		MVZ 181406-09, MVZ 181411	33.290000	-116.790000
		hybrid	<i>klau a x esch</i>		MVZ 178750-1	33.300000	-116.830000

		hybrid	<i>klau a x esch</i>		MVZ 181975	33.290000	-116.830000
		hybrid	<i>klau a x esch</i>		MVZ 181976-86, MVZ 181988-92	33.300000	-116.800000
		hybrid	<i>klau a x esch</i>		MVZ 185808-9	33.313676	-116.809583
<u>Cuyamaca</u> <u>Mts</u>	Hybrid Zone 4	hybrid	<i>klau a x esch</i>	51	MVZ 178732-4, MVZ 181327-8, MVZ 181401-4, MVZ 181410, MVZ 181941-59, MVZ 181967-72	32.990000	-116.590000
		hybrid	<i>klau a x esch</i>		MVZ 178739	32.990400	-116.591110
		hybrid	<i>klau a x esch</i>		MVZ 181415-20	33.010000	-116.610000
		hybrid	<i>klau a x esch</i>		MVZ 167951-8, MVZ 169051	33.030000	-116.590000

southern Sierra Nevada	Yankee Jim	<i>platensis</i>	parental		10	S#5828-36, S#5838	39.037000	-120.907500
(new data)	Old Blodgett	<i>platensis</i>	parental		3	S#5890-1, S#5893	38.844150	-120.505990
	New Blodgett	<i>platensis</i>	parental		3	S#5408-9, S#5214	38.899936	-120.658350
	Georgetown	<i>platensis</i>	parental		8	S#5902-9	38.926721	-120.764011
	Wpanther Crk	<i>platensis</i>	parental		10	S#6918-27	38.535201	-120.352750
	Camp Connell	<i>platensis</i>	parental		10	S#6863-72	38.323358	-120.263349
	Holcomb Crk Rd	<i>platensis</i>	parental	<i>Nplat</i>	7	S#9450-6	38.306015	-120.382151
	ENE Tuolumne	<i>platensis</i>	parental	<i>Nplat</i>	5	S#7725-9	37.999943	-120.175055
	ENE Tuolumne UB	<i>platensis</i>	parental	<i>Nplat</i>	5	S#7326-30	38.003040	-120.133485
	Wagner Ridge	<i>platensis</i>	hybrid	<i>Nplat x plat a</i>	6	S#6308-13	37.785310	-120.155314
	Briceburg	<i>xanthoptica</i>	parental	<i>xant3</i>	2	S#10208-9	37.611333	-119.958843
		<i>xanthoptica</i>	parental	<i>xant3</i>	5	S#6237-40, S#6249	37.348779	-119.592265
	Cheapo							

Saddle								
Westfall	<i>platensis</i>	parental	<i>plat a</i>	5	S#6215-6, S#6217A, S#6217B, S#6219	37.444344	-119.652110	
Jose Basin	<i>platensis</i>	parental	<i>plat a</i>	2	S#3985-6	37.133370	-119.370490	
Kings Rd	<i>platensis</i>	parental	<i>plat a</i>	1	S#9891	36.878971	-119.121938	
Auberry	<i>platensis</i>	parental	<i>plat a</i>	2	S#8852-3	37.122634	-119.369396	
ESE Southfork	<i>platensis</i>	parental	<i>plat a</i>	2	S#8855-6	37.204731	-119.408554	
Old Hartland	<i>platensis</i>	parental	<i>plat a</i>	5	S#4029-33	36.654723	-118.957292	
Sugarloaf	ssp.	hybrid	<i>plat a x croc</i>	5	K3135, K3143, K3145-7	35.831630	-118.628263	
Cowflat a	<i>croceater</i>	parental	<i>croc</i>	7	S#9726-32	35.505918	-118.691320	
Cowflat b	<i>croceater</i>	parental	<i>croc</i>	1	S#10446	35.446803	-118.787053	
Old Piute	<i>croceater</i>	parental	<i>croc</i>	4	S#6593-6	35.483190	-118.404840	
New Piute	<i>croceater</i>	parental	<i>croc</i>	3	S#10019-21	35.455869	-118.358306	
Kern River	<i>croceater</i>	parental	<i>croc</i>	10	S#9920, S#10024-8, S#10447-8, S#8690-1	35.572657	-118.594460	

mid-ring contact	<u>Avery 1981</u>	Hybrid Zone	hybrid	<i>xant3 x plat b</i>	21	S#8678-85, S#8788-9, S#8908, S#9099, S#9133, S#9140-2, S#9148, S#9325-6, S#9366-7	38.211060	-120.373230
(Alexandrino et al., 2009)					7	S#8686, S#8794-6, S#8909, S#9574, S#9679	38.212285	-120.368416
					7	S#8689-93, S#8910, S#9098		
					12	S#9132, S#9135-9, S#9145, S#9147, S#9149-50, S#9327, S#9681	38.201320	-120.368360
					16	S#7720, S#7768-9, S#7941, S#7949, S#8042, S#8688, S#8798, S#8905, S#9144, S#9146, S#9152a-b, S#9324, S#9328, S#9365	38.213286	-120.368896

2	S#6748-9	38.213348	-120.377131
6	S#5787-91, S#8043	38.197270	-120.361470
25	S#5796, S#5855, S#6394-7, S#6738-40, S#6774, S#6780, S#6858, S#7170-1, S#7314-7, S#7743, S#7950, S#7970-2, S#8044-5	38.191430	-120.356050
11	S#6747, S#6765, S#7172, S#7321, S#7498, S#7723, S#7787-8, S#7966, S#7977-8	38.203000	-120.357220
17	S#7181-4, S#7324-5, S#7333, S#7366, S#7722, S#7745, S#7773-4, S#7942, S#7948-9, S#8047-8,	38.209692	-120.388686
24	S#6733-7, S#6766-7, S#6859, S#7322-3, S#7367, S#7744, S#7775-9, S#7943-4, S#7946, S#7951, S#7965, S#7980-1	38.207829	-120.390257
10	S#6778-9, S#7368, S#7741, S#7998-8000, S#9680, S#9682, S#9914	38.205966	-120.390215
33	S#6404-5, S#6741-6, S#6763-4, S#6776, S#6897, S#7173-80, S#7369-70, S#7497, S#7742a-b, S#7781-4, S#7940, S#7973-4, S#8046	38.199930	-120.357570
9	S#6777, S#7318-20, S#7785-6, S#7975-6, S#8455	38.199250	-120.358570
6	S#7304-5, S#7340-3	38.410735	-120.591895
5	S#6900, S#6930-3	38.405284	-120.593025
4	S#6901, S#6934-6	38.400108	-120.588914
3	S#6698, S#7345-6	38.399315	-120.588652
12	S#7306-10, S#7344, S#7347-52	38.398694	-120.588476
4	S#7353, S#6696-7, S#6902	38.396486	-120.588649
3	S#6843, S#6937-8	38.394795	-120.588822
6	S#6695, S#6903, S#6939-40, S#7311, S#7354	38.393726	-120.589432
7	S#6841-2, S#6904-6, S#6941, S#7355	38.392864	-120.589562
2	S#6907, S#7356	38.391760	-120.590347

West Point
1981

Hybrid Zone hybrid *xant3 x plat b*

				8	S#6694, S#6838-40, S#6942-5	38.390172	-120.588249
				2	S#6946-7	38.388688	-120.586893
				1	S#6908	38.386267	-120.569334
<u>West Point</u> <u>2000</u>	Hybrid Zone	hybrid	<i>xant3 x plat b</i>	1	JA98	38.410330	-120.591930
				8	JA53-5, JA146-9, JA183	38.399936	-120.589176
				3	JA18, JA91-2	38.399510	-120.588430
				1	JA16	38.398650	-120.588440
				3	JA22, JA93, JA150	38.396040	-120.589010
				8	JA5, JA23, JA56, JA95, JA155-7, JA184	38.394430	-120.589140
				10	JA27, JA57, JA94, JA151-4, JA185-7	38.393340	-120.589310
				9	JA24, JA158-63, JA188-9	38.392440	-120.589720
				14	JA6, JA15, JA25, JA58-9, JA96-7, JA164-5, JA190-4	38.391540	-120.590110
				3	JA167-8, JA196	38.390172	-120.588249