

**JCA**

**Trip No 24**

**USA: California / Oregon / Nevada**

**JCA12700 - 13290**

**20th May - 12th July 1992**

20 MAY, 1992 : CALIFORNIA

* 12700	<i>Erythronium multiscapoides</i>	N. of { Butte Co., Magalia, NE of } Orville	760 m.	{ Among <i>Cupressus sargentii</i> on stony, serpentine } slopes	In fruit	S		
* 701	<i>Calochortus coeruleus</i> ?				"	"	"	S
702	<i>Dichelostemma</i>				"	"	Lilac	O
703	<i>Triteleia</i>				"	"	Violet blue	O
704	<i>Castilleja</i>				"	"	Scarlet.	O

21 MAY, 1992 : CALIFORNIA

12705	<i>Dichelostemma volubile</i>	{ Butte Co., SW of Pulga Bridge } on N Fork Feather R.	430 m. (1400')	Steep, open slopes below conifers	Pink	P	
706	<i>Mimulus bifidus</i>		"		"	Pale orange.	O
707	<i>Erysimum</i> ? <i>capitatum</i>		"		"	Orange; 1m.	O
* 709	<i>Erythronium multiscapoides</i> ( <i>cliftonii</i> )	{ Butte Co., Pulga Rd. on N } { Fork of Feather River	420 m. (1370')	{ Steep, stony serpentine slopes & screes } facing S but often shaded by scrub	In fruit	S	
* 710	<i>Calochortus</i> ? <i>coeruleus</i>		"		"	"	S
711	<i>Iris tenuissima</i> var. <i>pusdyiformis</i>		"		"	: seed immature; very few plants:	O
712							
713	<i>Aristolochia californica</i>	{ Plumas Co., N Fork Feather } River, SE of Stonie	500 m.		In fruit: immature		
714							
715	<i>Rhododendron occidentale</i>	{ Plumas Co., N Fork Feather R. } at Belden	710 m.	Wet areas: streamside & gulleys.. In moss on vertical, shaded cliffs	White/yellow	P	
716	<i>Lewisia cantelownii</i>		(2335')		(950 m.)	Whitish	O
* 717	<i>Peltiphyllum peltatum</i>	{ Plumas Co., Keddie, N of } Jumey (Butterfly Creek)	(3100')	Among boulders along and in stream	In fruit	S	

22 MAY, 1992 : CALIFORNIA

* 12718	<i>Erythronium purpurascens</i>	Plumas Co., Greenville,	1090 m. (3570')	Thin humus layer over clay in coniferous woodland.	In fruit	S	
719	<i>Viola lobata</i>		"		"	Yellow	O
720	<i>Allium</i>		"		"	"	O
721	<i>Iris hartwegii</i> var. <i>pinetorum</i>		"		"	Pale yellow	O
722	<i>Delphinium nudicaule</i>		"		"	Scarlet	O
723	<i>Iris hartwegii</i> var. <i>pinetorum</i>	Plumas Co., N of Jumey.	[1070 m.] (3500')	Openings in coniferous forest	Pale yellow.	P	

22 MAY, 1992 : CALIFORNIA

	[ Paeonia brownii Fritillaria pudica Calochortus leichlinii	{ Plumas Co., Sierra Valley, ESE of Beckwourth }	1520 m. }	All summer-dormant species in this area in a very depauperate condition: either no flowers or no seed set and in premature dormancy.	
12724	Erythronium purpurascens	{ Plumas Co., above Round Valley Reservoir, S of Greenville	1370 m. (4500')	Gravelly slopes among sparse conifers.	In early fruit 0 (seed immature).
725		"	"	"	"
726		"	"	"	"
* 727	Viola beckwithii	{ Sierra Co., N of Sattley	1520 m.	Stony banks & in sandy soil among Artemisia	In fruit S
* 728	Delphinium nuttallianum	{ Sierra Co., SE of Sierraville	1870 m.	Gravelly areas among Artemisia	" S

23 MAY, 1992 : CALIFORNIA

12729	Phlox pedunculata?	{ Mono Co., Virginia Lakes Rd. }	2850 m.	Open areas with Artemisia & among sparse Pinus	White & lilac P Pink. 0
730	Calyptidium umbellatum	{ W of Conway Summit	"	"	" 0
731		"	"	"	"
732		"	"	"	"
* 733	Calochortus excavatus	Inyo Co., Jerkin, S of Bishop	1350 m.	Among Rosa, Salix scrub in clay (now dry)	In fruit. S ± <sup>12</sup> flower
734		"	"	"	"
735		"	"	"	"
736	Calochortus kennedyi	{ Inyo Co., Deep Springs Valley, }	1620 m.	Open stony slope with sparse Artemisia, etc.	In fruit S (not fully mature)
* 737	Delphinium [?]	{ SW of Gilbert Summit	"	"	" S.
738		"	"	"	"
739	Argemone minuta sep. argentea	{ Inyo Co., White Mts., SSW }	2200 m.	Gravelly roadside areas.	White 0
740	Phlox [?]	{ of Westgard Pass	"	Among Artemisia in openings among juniperus	Pink to white 0
741	Eriogonum ovalifolium	"	"	Stony slope among sparse Juniperus	Pink: white lvs. 0..
742		"	"	"	"
743	Lotragalus coccineus	{ Inyo Co., White Mts., Doll }	1980 m.	Steep, loose slopes.	In immature fruit
744		{ House Springs	"	"	"
745		"	"	"	"

24 MAY, 1992 : CALIFORNIA

12746	<i>Anemopsis californica</i>	Inyo Co., SW of Lone Pine	1130 m. (3700')	Wet, alkaline seeps among grasses.	White	0
747						
748	<i>Eschscholzia ? glyptopoma</i>	{ Inyo Co., SSW of Keeler to Panamint Springs (above Rainbow Canyon.	1200 m.	Open slopes in gravel: <i>Yucca b. zone</i>	Lemon yellow	S: few
749						
750					[Yellow: occasional	
751	<i>Calochortus kennedyi</i> var. <i>mumjii</i>	{ Inyo Co., Panamint Range, Wildrose Canyon, WNW of Charcoal Kilns	2130 m.	Open areas among <i>Artemisia</i> in gravelly soil	oranges higher up PS	
752	<i>Schria domii</i> ssp. <i>gilmanii</i>		(± 7000')	Openings among junipers with <i>Artemisia</i>	Violet-blue	OBS
753	<i>Phlox ? asterifolia</i>		"	"	White to deep pink	OBS
754	<i>Penstemon fruticosus</i>	"	"	Gravelly ridges and along 'washes' (dry).	Pale pink	OBS
755		"	"			
756		"	"			

25 MAY, 1992 : CALIFORNIA

*12757	<i>Calochortus striatus</i>	Los Angeles Co., N of Lancaster (at Avenue E and 14)	760 m. (2500')	Open level sites among desert scrub. (alkaline)	Lilac; darker reins PS	
758						
759	<i>Fremontodendron californicum</i>	Kern Co., W. of Traylor Park	1430 m. (4700')	Steep, open, stony slopes.	Yellow	OBS
760	<i>Penstemon centranthifolius</i>	"		"	Scarlet	
761			1540 m.			
762	<i>Calochortus splendens</i>	Ventura Co., Lockwood Valley Rd.	1370 m.	Open meadows & among sparse <i>Artemisia</i>	In bud only	OBS
763	<i>Calochortus kennedyi</i>	"				OBS
764						
765	<i>Calochortus kennedyi</i>	" [Wagon Road Canyon] (10.8 miles E of Uzena junction)	1450 m.	Stony areas in openings among scrub.	Scarlet	OBS Early fruit
766						
767	<i>Calochortus splendens</i>	Lockwood Valley Rd., 4.4 to 7.5 miles E of junction; numerous at Sulphur Springs Rd	1280 m.	Openings among <i>Artemisia</i> in sandy clay.	Lilac	OBS
768						
769	<i>Romneya coulteri</i>	{ Santa Barbara Co., Uzena Ranger Station on 33 S of Lockwood Valley Rd. junction	1100 m.	Open situations on level sites among scrub.	Not yet in flower	
* → 12768	<i>Dicentra chrysantha</i>	{ Santa Barbara Co., Cuyama R. valley E of Santa Maria	450 m.	Steep, open stony slope	In early fruit	S.

26 MAY, 1992 : CALIFORNIA

12770	<i>Calochortus simulans</i>	{ San Luis Obispo Co., Reservoir Canyon, E of San Luis Obispo }	170 m.	In heavy clay among grasses on open slope.	White to lilac	PS	Early fruit	
* 771	<i>Salvia spathacea</i>		150 m.	Steep, stony slopes above stream in canyon.	[ Scarlet P Fruit immature OBS Pale orange P             ]			
772	<i>Kochiella cordifolia</i>		"	"				
773	<i>Paeonia californica</i>		"	"				
774	<i>Mimulus</i>		"	"				
775	<i>Calochortus obispoensis</i>		"	Crevices & ledges on loose, serpentine cliffs	Yellow	P	Most in bud	
776	<i>Bloomeria crocea</i> var. <i>aurea</i>		"	"	Pale yellow	OBS.		
778	<i>Calochortus albus</i> var. <i>rubellus</i>	York Mt. Rd., W of Templeton	400 m.	Steep stony banks in deciduous woodland.	Pale crimson	P	Early fruit	

27 MAY, 1992 : CALIFORNIA

12778	<i>Yucca whipplei</i>	{ Tulare Co., NE of Springville : Camp Wishon Road [N Fork of Middle Fork Lake River]             }	1150 m.	Open, rocky hillsides ; among scrub	White	P	
779	<i>Mimulus</i>		"	"	Butter-yellow	HP	
780	<i>Dendromecon rigidum</i>		"	"	Yellow	O	Immature seed
781	<i>Dichelostemma volubile</i>		"	"	Pink	O	"
782			"	"			
783		"	"				
784	<i>Dudleya</i>	"	1250 m.	Un shaded cliff ledges in deciduous woods.	Yellow	L	VG
* 785	<i>Calochortus amoenus</i>	"	"	"	In fruit	S	
786		{ Tulare Co., above Coffee Camp, E of Springville (Middle Fork Lake River)             }	850 m.				
* 787	<i>Iris munzii</i>		520 m.	Among boulders on sides of scrub-filled gully	"	S	
* 788	<i>Aritelia laxa</i>		750 m.	Steep slopes and ledges on rocky outcrops	In fruit	S	
* 789	<i>Calochortus amoenus</i>		"	Among scrub, usually on sides of gulleys	"	O	
790	<i>Iris munzii</i>	{ Tulare Co., Mineral King Road, NE of Three Rivers (3.5 miles from E Fork Kaweah River) Junction }					

29 MAY, 1992 : CALIFORNIA

* 12791	<i>Aritelia peduncularis</i>	{ Napa Co., Snell Valley (Bull Canyon) along Snell Creek. ESE of Middletown }	330 m.	Open grassland in valley bottom - normally moist areas.	White / in fruit	S	
792	<i>Lupinus</i>		"	"	lavender	O	
793	<i>Calochortus vestae</i>		"	"	White	P	
794		{ Napa Co., (128) Sage Canyon Rd., S of Lake Hennessy }	100 m.	Open grassy slopes with sparse scrub			
795	<i>Calochortus luteus</i>		"	"	Yellow	P	

30 MAY, 1992 : CALIFORNIA

12796	<i>Calochortus luteus</i>	{ Alameda Co., Redwood Regional Park : off Joaquin Miller Rd.	150 m.	Grassy slopes in openings among Pinus	Yellow	P
797			"	"	"	"
798	<i>Mimulus</i>		"	"	"	Orange.

31 MAY, 1992 : CALIFORNIA

12799	<i>Calochortus superbus</i>	{ El Dorado Co., Shoo Fly Rd. N. of Placerville (along Saumann Ridge S of Spanish Flat)	720 m.	Openings among Pinus in part shade	Silica, purple.	P
800						
801	<i>Calochortus venustus</i>	{ El Dorado Co., Grizzly Flat } ESE of Somerset	700-800 m.	Slopes & steep banks with Pinus, etc.	Pinks, purple.	P
802						
803	<i>Calochortus venustus</i>	{ El Dorado Co., junction of Sweeney Rd. & Grizzly Flat Rd. (SE of Placerville).	950 m.	Open slopes with occasional pines.	Pinks, purple.	P
804						

1 JUNE, 1992 : CALIFORNIA

*12805	<i>Calochortus amabilis</i>	{ Solano Co., <sup>Vaca Mts.</sup> Mix Canyon } NW of Vacaville	c. 550 m.	Steep scrub-covered slopes	In fruit	S	
* 806	<i>Fritillaria affinis</i>		"	"	"	"	S
* 807	<i>Iris fernaldii</i>		"	"	"	"	S
* 808	<i>Lepechinia calycina</i>		"	"	"	"	S
* 809	<i>Achiantum jordanii</i>		"	c. 300 m.	Shaded rocks & steep banks in woodland	"	S
* 810	<i>Lityrogramma triangularis</i>		"	"	"	"	"
* 811							
* 812	<i>Calochortus amabilis?</i>	{ Lake Co., Butts Canyon Road, SE of Middletown	350 m.	Among <i>Arctostaphylos</i> on stony, serpentine slopes	In fruit	S.	
* 813	<i>Fritillaria? recurva coccinea</i>		"	"	In fruit	S: few, DH	
* 814	<i>Erythronium helense</i>		"	"	"	S: few	
815					"	S	
* 816	<i>Dodecatheon hendersonii?</i>	{ Lake Co., Walker Ridge E } of Indian Valley (NE of Clearlake)	500 m.	Steep, open grassy slopes.	"	S	
817							
819							
820							
821							
822							

2 JUNE, 1992 : CALIFORNIA

12823	<i>Scolopus bigelovii</i>	Mendocino Co., Mountain View Rd W of Booneville	150 m.	Mist, shaded bank under redwoods.	Seeds dehiscid.
824			"	"	"
* 825	<i>Iris purdyi</i> hybrids	(after Faulkner Pk.)	200 m.	Open & part-shaded slopes among conifers	In fruit. S
826			"	"	"
* 827	<i>Fritillium</i>		(2.4 miles from junction)	"	Moist areas in mixed coniferous forest, mainly redwood.
828	<i>Scolopus bigelovii</i>	"	"		
829		"	"		

3 JUNE, 1992 : CALIFORNIA

12830	<i>Calochortus vestae</i>	Humboldt Co., ENE of Garberville on Alderpoint Road.	600 m.	Open grassy slopes along ridge; in clay.	White P
831					
832	<i>Hackelia californica</i>	{ Trinity Co., Lassie's Lookout Rd. } above Zenia	1630 m.	Stony openings in coniferous woodland	White OB.
833	<i>Erythronium californicum</i>		"	"	In fruit S
834	<i>Fritillaria recurva</i>		"	"	None seen 1992/D
835	<i>Calochortus caeruleus fimbriatus</i>		"	"	Lilac. OB
836			"	"	
837	<i>Iris tenuissima</i>	"	1660 m.	"	Cream P
838	<i>Calochortus caeruleus fimbriatus</i>	"	"	"	Lilac OB.
839					

4 JUNE, 1992 : CALIFORNIA

* 12840	<i>Fritillaria recurva</i>	{ Trinity Co., Canyon Creek Road } N of Junction City	1640 m.	Steep, stony serpentine slopes with sparse scrub	In fruit : few S	
* 841	<i>Dodecatheon</i>		"	"	" S	
842	<del><i>Erythronium californicum</i></del>		"	"	"	
* 843	<i>Lewisia cotyledon heckneri</i>	"	"	Trusses on vertical, shaded, serpentine cliffs	" S	
844						
* 845	<i>Calochortus caeruleus</i>	Trinity Co., NE of Weaverville (above E Weaver Creek).	750 m.	Stony slopes in coniferous forest.	Lilac : S	
846						no apiculus; bright green glauc. lf.
847						
848						

4 JUNE, 1992 : CALIFORNIA

* 12849	<i>Fritillaria recurva</i>	{ Trinity Co., Trinity River valley, S } of Bear Creek trailhead	960m.	Stony slopes & openings in coniferous forest	In fruit	S	D+
* 850	<i>Erythronium californicum</i> ? / <i>citrinum</i> var. <i>roderickii</i>		"	"	"	S	
851			"	"	"		
* 852	<i>Fritillaria purdyi</i>	"	"	Open stony slope	"	S	
853							
854		{ Trinity/Siskiyou Co. line, } Scott Mts. at summit of Hwy 3. (Carnville to Callahan).	1650m.	Stony openings in coniferous forest	Yellow	P	
855	<i>Viola lobata psychodes</i>		"	"	Cream	O	
856	<i>Iris tenuissima</i>		"	"	Lilac, white	O	
857	<i>Calochortus caeruleus fimbriatus</i> ?		"	"			
858		"					
859							
860	<i>Rhododendron occidentale</i>	{ Trinity Co., along Hwy 3, above Scott } Mt. Creek.	c. 1400m.	Open slopes with moisture seepage.	White.	P.	
861							
* 862	<i>Erythronium citrinum roderickii</i>	{ Trinity Co., above Scott Mt. Creek } N of junction with Double Blue Creek	c. 1200m.	Shaded slopes in coniferous forest (Type locality).	In fruit	S	
863							

5 JUNE, 1992 : CALIFORNIA

* 12864	<i>Drillium chloropetalum</i>	{ Siskiyou Co., NW of Cecilville } { S Fork Salmon River } near Grant Creek Mine	600m.	Moist, steep sided gully in mixed woodland	In fruit	S	
865	<i>Holodiscus discolor</i>		"	Wet area at edge of woodland.	White: fine forms.		
866							
* 867	<i>Iris tenax klamathensis</i>	{ Humboldt Co., NNE of Orleans to } Someo Bar (Klamath River Valley)	180m.	Open stony slope at margin of woodland: among grass:	in fruit	S	
868	<i>Dichelostemma ida-maia</i>		"	"	Seed immature	O	
869							
870							
871	<i>Allium falcifolium</i>	Humboldt Co., Friday Ridge, SSW off Willow Creek (off Berry Summit)	1580m.	Stony areas in openings among conifers.	Red-purple	P	
872	<i>Penstemon</i>		"	"	Violet-purple	P	
873	<i>Iris tenuissima / purdyi</i>		"	"	Cream; violet veins:	P	
874	<i>Calochortus caeruleus</i>		"	"	Lilac	O	
875	<i>Erythronium californicum</i>		"	"	In fruit	S	
876	<i>Phlox diffusa</i>		"	"	Seed immature	O	
877	<i>Fritillaria glauca</i>		"	"	Loose talus on steep, open, W-facing slope	Seed immature	O



5 JUNE, 1992 : CALIFORNIA

* 12878	<i>Viola hallii</i>	Humboldt Co., Friday Ridge SSW of Willow Creek (off Berry Summit)	1420 m.	In stony turf of opening in coniferous forest	In fruit	S	
879	<i>Dodecatheon</i>		"		"	"	S
* 880	<i>Lewisia nevadensis</i>		"		"	"	S
881	<i>Trillium affinis</i>		"		"	[No flowers or fruit in 1992]	
882							
883	<i>Delphinium trillifolium</i>	Humboldt Co., Willow Hill Road SW of Willow Creek (off Berry Summit)	1070 m.	Among long grass in wet gulley.	Azure-blue: few	OB	
884	<i>Lilium</i>		(3500')		"	Not yet in fl.	OB
885	<i>Cornus</i>		"		"	White	OB
886	<i>Aquilegia formosa</i>		"		"	Scarlet	OB
887			"		"		
888	<i>Silene californica</i>		"		"	Steep, dryish part-shaded banks	Scarlet

6 JUNE, 1992 : CALIFORNIA

12889	<i>Trillium</i>	Humboldt Co., N of Orick.	± 100 m.	Deep shade of redwood forest in humus layer	In fruit	S
* 890	<i>Vancouveria hexandra</i>	"	"	"	White	S
891	<i>Saxifraga</i>	"	"	"	White	OB.
892						
893		{ Del Norte Co., SSE of Crescent City }	"	Openings & along roadside in redwood forest	Orange	P
894	<i>Lilium columbianum</i>		"			
895			"			
896						
* 897	<i>Iris ? vinominata</i>	{ Del Norte Co., Gasquet Mountain above Gasquet }	390 m.	Steep wooded slopes at margin of dense undergrowth	In fruit	S
898			"			
* 899	<i>Trillium rivale</i>	"	"	"	"	
900						
* 901	<i>Trillium rivale</i>	{ Del Norte Co., Patrick Creek Road (S of state line) }	400-450 m.	Among dense undergrowth under conifers on steep slopes.	"	
902	<i>Rhododendron occidentale</i>		"		White	P
903	<i>Rhododendron</i>		"		Pink	P
904	<i>Ledum</i>		"		White	O
905	<i>Aquilegia formosa</i>		"		Scarlet	O
* 906	<i>Erythronium citrinum</i>		"		In fruit	S

6 JUNE, 1992 : OREGON

12907		{ Josephine Co., above W Fork Illinois River SW of U. Brien }	470 m.	(1550 ft.) Open stony slopes with igneous rocks, among Artemisia. Not yet in flower			
908	<i>Calochortus howellii</i>						
909							
910							
911							

7 JUNE, 1992 : OREGON

12912	<i>Phlox adaugens</i>	{ Josephine Co., E of Takelma : Happy Camp Road }	500-900 m.	In deep shade in woodland to exposed talus slopes	Pink	P	
913	<i>Linnaea borealis</i>		"	"	White	O	
914			"	"	"	"	
* 915	<i>Erythronium howellii</i>		"	850 m.	Open, turfey, stony slopes with sparse conifers	In fruit	S
* 916	<i>Calochortus</i>	"	"	"	"	S	
* 917	<i>Iris chrysophylla</i>	"	"	"	"	S	
* 918	<i>Viola cuneata</i>	"	"	"	"	S	
* 919	<i>Phlox speciosa</i>	"	"	"	"	S	
920	<i>Silene hookeri</i>	"	"	"	"	no seed set.	
* 921	<i>Iris bracteata</i>	{ Josephine Co., Waldo Hill (S of Waldo on Sanger Peak Road) }	650 m.	Open stony areas among scrub & woodland banks.	In fruit	S.	
922							
923							
924	<i>Calochortus tolmiei</i>	{ Josephine Co., Eight Dollar Mt., SW of Selma (South slopes). }	450-500 m.	{ Open slopes overlaid with volcanic detritus ~ - among sparse <i>Arctostaphylos</i> }	Seed dehisced	S. few.	
925	<i>Calochortus howellii</i>		"		"	White	P
926							
927							
* 928	<i>Erythronium citrinum</i>	{ Josephine Co., Fiddler Mt. Rd., SW of Selma, above Josephine Creek }	500 m.	Openings among conifers in stony, serpentine soils.	In fruit	S	
929	<i>Fritillaria</i>		"	"	"	Winged fruits: Seed ± gone	S fur: D
930							
* 931	<i>Dicentra oregona</i>	{ Josephine Co., Fiddler Mt. Rd., SW of Selma, above Mike's Gulch }	820 m.	Loose, N-facing, serpentine talus	White-pink	S	
932			"	"	"	Rich red	P
933	<i>Lilium bolanderi</i>		"	"	"		
934							
935							

8 JUNE, 1992 : OREGON

12936	<i>Erythronium</i> ? <i>hendersonii</i>	{ Josephine Co., Slate Creek Rd. W of Wonder	450m.	Steep slope in openings in mixed woodland.	In fruit	S L: BM.
937						
* 938	<i>Erythronium hendersonii</i>	{ Josephine Co., Applegate River valley, SE of Murphy	350m.	Stony clay under deciduous oaks.	"	S
* 939	<i>Camassia</i>		"	"	"	S.
940						
941	<i>Erythronium</i>					

10 JUNE, 1992 : OREGON

* 12942	<i>Erythronium hendersonii</i>	{ Jackson Co., Jacksonville (near old cemetery).	500m.	Among scrub in deciduous woodland ( <i>Quercus</i> ).	In fruit	S			
943	<i>Strillaria gentneri</i>				None seen.	-			
944									
* 945	<i>Erythronium hendersonii</i>	{ Jackson Co., Upper Table Rock N of Medford.	450m.	Open grassland & openings among deciduous oaks.	In fruit	S			
* 946	<i>Camassia</i>		"	"	"	S			
947	<i>Calochortus</i> ? <i>tolmiei</i>		"	"	Seed dehiscid.				
948									
949									
* 950	<i>Calyptridium umbellatum</i>	{ Jackson Co., S of Howard Prairie Lake	1500m.	Gravelly slope above south shore of lake.	Pink.	S			
951									
952	<i>Trillium</i>	{ Jackson Co., S of Fish Lake (at NFD 024 off Hwy 37).	1370m.	Coniferous woodland.	Red - seed immature				
953									
* 954	<i>Erythronium klamathense</i>	Klamath Co., S of Fourmile Lake	1800m.	{ Dry, shaded situations in stony soil overlaid with pine-needles under Pines	In fruit.	S			
955									
956									

11 JUNE, 1992 : OREGON/CALIFORNIA

{ California, Siskiyou Co.,  
Deadwood Lookout Rd., W of  
Yreka (High Ridge Rd., NNW  
of Gunsight Peak)

12957	<i>Calochortus parviflorus</i>		1750m.	Open gravelly sites and in loose serpentine detritus	Pink	P
958	<i>Phlox</i>		"	Open gravelly areas along serpentine ridge-top	Pink	OBS almost
* 959	<i>Lewisia cotyledon</i>		"	Fissures and ledges on serpentine outcrops on ridge	In seed	S all disper
960	<i>Brodiaea hendersonii</i>	"	"	"	" : few	S
961		"	"			
962	<i>Cheilanthes gracillima</i>	"	"	Fissures on igneous cliffs.	-	S
963		"	"			
964	<i>Lilium washingtonianum</i>	"	"	Among scrub on steep N & W-facing slopes	White/purple	P
965						
966						

12 JUNE, 1992 : OREGON

12967	<i>Eriogonum</i>	Douglas Co., above Callahan Creek	460m.	Steep, open, stony serpentine slope.	In fruit	0
* 968	<i>Erythronium oregonum leucandrum</i>	S of Tillier (E of Canyonville)	"	"	"	S
969	<i>Sisyrinchium</i>	"	"	"	"	S : few
970	<i>Brodiaea hendersonii</i>	"	"	"	"	S : few
* 971	<i>Camassia</i>	"	"	"	"	S
972	<i>Triteleia</i>	"	"	"	Blue-violet	0
973		"	"	"	"	
* 974	<i>Calochortus ampquaensis</i>	"	"	"	In fruit	S.
975						

13 JUNE, 1992 : OREGON

* 12976	<i>Calochortus <del>soxii</del> tolmei</i>	Douglas Co., W of Myrtle Creek	370m.	Among grasses on steep, open serpentine slopes with sparse conifers	In fruit	S
977	<i>Erythronium oregonum leucandrum</i>	(S off Boomer Hill Rd.)	450m.		"	-
978	<i>Camassia</i>	"	"		"	-
979	<i>Dodecatheon</i>	"	"		"	-
980	<i>Iris chrysophylla</i>	"	"		"	-
981	<i>Calochortus coxii</i>	"	"		Pink	P
982	"	"	370m.	Among grasses on N-facing slope shaded by conifers	"	

14 JUNE, 1992 : CALIFORNIA

* 12983	<i>Sisyrinchium douglasii</i>	{ Modoc Co., Warner Mts., E } { of Davis Creek (Blum Valley) }	1750 m.	{ Among <i>Artemisia</i> with sparse <i>Juniperus</i> on gravelly, } clay slopes	In fruit	S		
* 984	<i>Dodecatheon conjugens</i>		"		"	"	S	
* 985	<i>Fritillaria atropurpurea</i>		"		"	"	S	
986	<i>Calochortus macrocarpus</i>		"		"	"	[no sign of 1992 growth: old seeds only]	
987	<i>Allium acuminatum</i>		"		"	"	Purple pink OB.	
* 988	<i>Allium platycaule</i>		"		"	"	In fruit	S
* 989	<i>Astragalus pusshii</i> var <i>tinctus</i>		"		"	"	"	S
990								
991								
* 992	<i>Fritillaria pudica</i>		Modoc Co., S of Davis Creek		1450 m.	Gravelly soil on open site above roadcut	"	S Most dahmas
993								
994								
995								

15 JUNE, 1992 : CALIFORNIA

12996	<i>Iris hartwegii tenuissima</i>	{ Shasta Co., S of Shingletown } { (on Wilson Hill Rd.) }	1000 m.	Openings in mixed woodland, mainly <i>Quercus</i> .	Cream	o	
997			"		"		
* 998	<i>Calochortus tolmiei</i>		"		"	In fruit	S
999	<i>Fritillaria castwoodiae</i>	"	"	"	immature		
* 13000	<i>Ceanothus prostratus</i>	"	"	"	"	S	
001							
002							
* 003	<i>Clematis lasiantha</i>	{ Shasta Co., SW of Shingletown } { (on Battle Creek Bottom Rd.) }	500 m.	Among boulders in opening among scrub.	In fruit	S	
* 004	<i>Keckiella lemmonii</i>		"		"	"	S
005							
006	: 16.6.92.						
* 007	<i>Lewisia cantelowii</i>	{ Plumas Co., N Fork Feather River } at Belden	710 m.	In moss on vertical, shaded cliffs.	"	S	
008							
* 009	<i>Calochortus superbus</i>	{ Butte Co., Table Mountain : } { (Table Mt.) N of Orville. } (Cherokee Rd.)?	150 m.	Open grassy slope in heavy soil.	"	S	

* 13010	<i>Erythronium helense</i>	{ Lake/Sonoma Co., Western Mine } Rd., S of Middletown (NW slope of Mt. St. Helena)	700 m.	Steep serpentine slopes among <i>Arctostaphylos</i> scrub.	In fruit	S
011	<i>Ledicularia</i>		"	"	"	S
* 012	<i>Ceanothus thyrsiflorus occidentalis</i>		"	"	"	S
013	<i>Fritillaria recurva coccinea</i>		"	"	"	: few = WR
* 014	<i>Cupressus sargentii</i>	"	"	"	"	S
* 015	<i>Fritillaria pluriflora</i>	{ Lake Co., Walker Ridge Rd. off } Hwy 20	600 m.	Open, grassy areas in heavy clay.	"	S
016	<i>Calochortus luteus</i>		"	"	"	"
* 017	<i>Fritillaria laxa</i>	"	"	"	"	S
018		"	"	"	"	
* 019	<i>Eriophyllum lanatum</i>	"	"	"	"	S
020		"	"	"	"	
* 021	<i>Calochortus splendens</i>	"	"	Among grasses & scrub on steep E-facing slope.	"	S.
022		"	"			
023						
* 024	<i>Salvia sonomensis</i>	{ Lake Co., S of Mount Konoti } (SE of Keseyville on Hwy 29)	550 m.	Edge of <i>Arctostaphylos</i> scrub on open slopes.	In fruit	S
025						
* 026	<i>Calochortus luteus</i>	{ Lake Co., N of Clearlake } (on Hwy 53 between Polk St & Davis St)	410 m.	Among grass on open slopes.	In fruit	S
027						
028						
* 029	<i>Fritillaria purdyi</i>	{ Lake Co., S of Lakeport } (off Hwy 29/175).	450 m.	Serpentine talus on steep, open slope	In fruit	S/L: DH : S: few
030	<i>Allium uniflorum</i>		"	"	(white few pink)	
031						Almost all seed of these dehanced.
032						
033						
034						
035						
036						
037						
038						
039						

18 JUNE, 1992 : CALIFORNIA

* 13040	<i>Fritillaria liliacea</i>	Marin Co., NW of Nicasio	15 m.	Low, grassy hills among <i>Baccharis</i> scrub	In fruit	S
* 041	<i>Wyethia angustifolia</i>	"	"	"	"	S
* 042	<i>Triteleia laxa rumea</i>	"	"	Among rocks on steep bank.	"	S: few: WR
043						
044						
* 045	<i>Arabis blepharophylla</i>	{ Marin Co., SSW of Tomales } above Tomales Bay	15 m.	Crissures & ledges on W-facing coastal cliffs	In fruit	S
* 046	<i>Romneyoffia sitchensis</i>		"	"	Seed dehiscent	: L.
* 047	<i>Triteleia laxa rumea</i>	"	"	"	In early fruit	S
048	<i>Pityrogramma triangulatis</i>	"	"	"	-	L.
049		{ Sonoma Co., S of Jenner above } Shell Beach				
* 050	<i>Allium dichlamydeum</i>	{ Sonoma Co., Irish Hill (Coleman } Valley Rd.) above Salmon Creek.	20 m.	Ledges on coastal cliffs	In fruit	S
* 051	<i>Smilacina racemosa</i>		"	"	In dense scrub along gully in coastal cliffs	"
* 052	<i>Iris douglasiana</i>		150 m.	Grassy slopes with coastal exposure.	"	S.

19 JUNE, 1992 : CALIFORNIA

* 13053	<i>Calochortus albus</i>	{ Tuolumne Co., Italian Bar Rd., } NE of Columbia (S Fork Stanislaus R)	750 m.	Steep scrub-covered slopes in deciduous woodland	In fruit	S
* 054	<i>Fritillaria affinis?</i> / <i>micrantha</i>		"	"	"	"
* 055	<i>Erythronium tuolumnense</i>	"	"	"	"	S
* 056	<i>Iris hartwegii columbiana</i>	"	650 m.	Steep, open, stony slopes.	"	S
057		"	"	"	"	
* 058	<i>Calochortus venustus</i>	"	"	"	"	S
* 059	( <i>Triteleia</i> ) <i>elegans</i>	Tuolumne Co., Redhill Rd., W of Chinese Camp.	360 m.	Among sparse scrub on open, grassy slopes.	"	S
* 060	<i>Calochortus luteus</i>	Tuolumne Co., SW of Chinese Camp,	380 m.	"	"	S
* 061	<i>Triteleia hyacinthina</i>	Redhill Rd., W of Chinese Camp.	360 m.	"	"	S
* 062	<i>Fritillaria micrantha</i>	{ Greeley Hill, NE of Coulterville, } Mariposa Co..	1000 m.	Open grassy slopes among thin coniferous woods.	"	S
* 063	<i>Calochortus <del>superbus</del> / <sup>superbus</sup> <del>venustus</del></i>		"	"	"	"

20 JUNE, 1992 : CALIFORNIA

064							
065							
* 066	<i>Dendromecon rigidum</i>	{ Tulare Co., NE of Springville } : Camp Wishon Rd. (N Fork of Middle Fork Tule River)	1150 m.	Steep, rocky slopes, among scrub.	In fruit	S	
* 067	<i>Dichelostemma volubile</i>		"	"	"	"	S
* 068	<i>Mimulus longiflorus</i>		"	"	"	"	S
* 069	<i>Yucca whipplei</i>		"	"	"	"	S

21 JUNE, 1992 : CALIFORNIA

*13070	<i>Calochortus weatonii</i>	Kern Co., W slope Shirley Peak (off Rancheria Rd. S of Alta Sierra)	2050 m.	In shade of coniferous woodland.	In fruit	S	
071							
072							
073	<i>Calochortus venustus</i>	Kern Co., E of Alta Sierra (around Alta Sierra Rd./155 junction)	1700 m.	Openings and banks in coniferous woodland	White/pink	O	
074	<i>Tris hartwegii</i>				"	"	S
075							

22 JUNE, 1992 : CALIFORNIA

*13076	<i>Calochortus venustus</i>	{ San Luis Obispo Co., W of Paso Robles (on Adelaida Rd.) }	550 m.	Open slopes & banks among long grasses.	In fruit	S		
077	<i>Fritillaria</i>				"	"	Dehiscent	O
078								
079								
*080	<i>Calochortus albus rubellus</i>	{ San Luis Obispo Co., W of Templeton (York Mt. Rd.) }	400 m.	Steep, stony, shaded banks in deciduous woodland.	In fruit	S		
081								
082								
*0836	<i>Calochortus obispoensis</i>	{ San Luis Obispo Co., NE of San Luis Obispo : Reservoir Canyon }	150 m.	Crevices on loose serpentine cliffs.	In fruit	S		
084					"	"		
085	<i>Calochortus clavatus</i>	"	"	Steep stony slopes above stream in canyon bottom	Yellow	O		
*0833	<i>Keckiella cordifolia</i>	"	"	"	Scarlet	S		
*087	<i>Paesonia californica</i>	"	"	"	Few seeds.	S		
088		"	"					
*089	<i>Calochortus simulans</i>	"	170 m.	In heavy clay among grasses on open slope.	In fruit	S		
090	<i>Fritillaria biflora</i>	"	"	"	few	S DH		
*091	<i>Bloomeria aurea</i>	"	"	"	"	S		
092								
093								
094								
095								
096	<i>Silene laciniata</i>	{ San Luis Obispo Co., Santa Lucia Ra., Cuesta Ridge Rd off Cuesta Summit }	700 m.	Open slopes on exposed seaward ridge	Scarlet	S : few.		
097	<i>Dendromecon rigidum</i>				"	"	Very compact	
098	<i>Keckiella cordifolia</i>				"	"	Scarlet	P.
099								



23 JUNE, 1992 : CALIFORNIA

* 13100	<i>Romneya coulteri</i>	{ Ventura Co., opp. Olyena Range } Station (on 33 S of Lockwood Valley Rd. junction)	1100 m.	Open, level sites among scrub in sandy clay.	1991 seed from old capsules S
101					
102					
* 103	<i>Calochortus splendens</i>	{ Ventura Co., Sulphur Spring Canyon (off Lockwood Valley Rd.) }	1280 m	Openings among <i>Artemisia</i> in sandy clay.	In fruit S
104					
105					
* 106	<i>Penstemon centranthifolius</i>	{ Ventura Co., Wagon Road Canyon } (Lockwood Valley Road)	1400 m.	Open stony banks & among scrub.	In fruit S
* 107	<i>Penstemon grinnellii scopularioides</i>		"	"	" S
108			"	"	"
109		"	"	"	
* 110	<i>Calochortus kennedyi</i>	" (11 miles Olyena junc)	1450 m.	Stony areas in openings among scrub	In fruit S
111	<i>Calochortus splendens</i>		"	"	" S
* 112	<i>Bloomeria crocea</i> var. <i>montana</i>		"	"	" S
113					
* 114	<i>Calochortus kennedyi</i>	Ventura Co., Lockwood Valley,	1540 m.	Open meadows & among sparse <i>Artemisia</i> .	In fruit: most immature
115	<i>Calochortus splendens</i> .		"	"	Most still in flower.
116					
117		{ Los Angeles Co., San Gabriel Mts : head of Indian Canyon S off Soledad Canyon (off 14)	1350 m.	In chaparral on slopes of decomposed granite	Lilac-pink S
* 118	<i>Calochortus plummerae</i>		"	"	Dormant. S
* 119	<i>Cheilanthes/Pellaea</i>				
120					

24 JUNE, 1992 : CALIFORNIA

* 13121	<i>Penstemon grinnellii</i>	{ Los Angeles Co., San Gabriel Mts., Big Tujunga Canyon. }	750 m.	Open, loose, stony slopes.	In fruit S
122					
123					
124	<i>Calochortus palmeri</i>	{ Los Angeles Co., San Gabriel Mts., Bandido Camp (off 2, W of Waterman Mountain)	1740 m.	Among <i>Artemisia</i> with sparse pines on open slopes	Pink/white S: few
* 125	<i>Calochortus invenustus</i>		"	"	Pale lilac S: few.
126	<i>Allium</i>		"	"	o
127	<i>Penstemon labrosus</i>		"	"	More orange-scarlet o
128					than Mt. Rinco population.
129					

25 JUNE, 1992 : CALIFORNIA

* 13130	<i>Penstemon spectabilis</i>	Riverside Co., San Jacinto	1600m.	Open slopes in decomposed granite	In fruit S
131	<i>Minulus ? brevipes</i>	] Mts., SE of Banning : N of Pine Cove	1780m.	Granite grit	Bright yellow. S: few. P
132					
133					
* 134	<i>Calochortus palmeri</i>	{ Riverside Co., San Jacinto Mts.	1580m.	Among grasses in open meadow with few Pines.	Pink/white PS few
135		{ Strawberry Valley (243 Idyllwild			
136		{ Rd. S of Idyllwild at Gibraltar West			
137	<i>Calochortus palmeri</i>	{ Riverside Co., San Jacinto Mts.,	1450m.	Open slopes	Pink PS: few
138		{ NW of Keen Camp Summit (74)			
* 139	(Kerbenaceae)	{ Riverside Co., Garner Valley, }	1380m.	Open 'flats' in sandy clay	Bright pink PS
140	{ <i>Abronia villosa</i> var. <i>cuinta</i>	{ SE of Keen Camp Summit }			
141					
142	<i>Calochortus concolor</i>	{ Riverside Co., San Jacinto Mts.	1570m.	Among chaparral in granite grit	Yellow. P
143		{ Morris Ranch Rd:			
144	<i>Sweetia</i>	" nr. Kenworthy Sta.	1400m	Rocky, W-facing slopes; among chaparral.	White: seed immature
* 145	<i>Calochortus concolor</i>	" "	"		S: In fruit: few mature
146					
147		{ San Diego Co., ENE of Julian		Mica schist outcrop on wooded slopes.	
148	<i>Calochortus weedii</i>	{ (nr. Whispering Pines on 78)	1280m.	"	Yellow P
* 149	<i>Calochortus albus</i>	"	"	"	In fruit S
150					

26 JUNE, 1992 : CALIFORNIA

* 13151	<i>Calochortus ? splendens</i>	{ San Diego Co., Cuyamaca Mts. }	1410m.	Open stony 'flats' overlaid with volcanic debris	In fruit S
152		{ W side of Lake Cuyamaca }		"	
* 153	<i>Calochortus dunnii</i>	{ San Diego Co., Inspiration Point }	1350m.	{ Open slopes with sparse chaparral in red clay } overlaid with volcanic debris.	White S
154	<i>Calochortus weedii</i>	{ SE of Julian }	"		Yellow O
155					
* 156	<i>Yucca whipplei</i> ( <i>whipplei</i> )	{ San Diego Co., ENE of Banner	850m.	Open sites among desert scrub.	In fruit S
157	<i>Agave</i>	{ (on 78)	"	"	Yellow P
158		{ San Diego Co., W of Julian }	1280 to	Frequent on steep slopes & cliffs in chaparral	Yellow O
* 159	<i>Calochortus weedii</i>	{ to Santa Ysabel }	910m.		

26 JUNE, 1992: CALIFORNIA

* 13160	<i>Calochortus weedii</i>	{ San Diego Co., SE of Santa Ysabel }	920 m.	Steep slope in granite girt; among scrub.	Seed immature S: few.
161					
162					

27 JUNE, 1992: CALIFORNIA

* 13163	<i>Hesperocallis undulata</i>	{ San Bernardino Co., ESE of Banstow: off National Trails Hwy near Hector Rd. }	610 m.	Low, desert hills: in sand overlaid with volcanic debris: Mat road dehydrated S.
164				

27 JUNE, 1992: NEVADA

* 13165	<i>Penstemon palmeri</i>	{ Clark Co., Kyle Canyon E of Charleston Peak }	1500 m.	Open, stony slopes.	In fruit S
166					
167		"			
168	<i>Calochortus nuttallii</i>	"	2100 m.	Openings in light woodland with <i>Artemisia</i> (at Ranger Station).	White P
169		"			
* 170	<i>Yucca baccata</i>	"	1800 m.	Open 'flats' & slopes among scrub.	In fruit S
171	<i>Mirabilis</i>	"	"	"	"
172					
173					

28 JUNE, 1992: CALIFORNIA

* 13174	<i>Calochortus flexuosus</i>	{ Inyo Co., Amargosa Ra., Daylight Pass between Grapevine Mts. & Funeral Mts. }	1315 m. (4317')	Among stones along dry gulleys, often through scrub. ]	In fruit S			
175								
176								
* 177	<i>Calochortus kennedyi</i> var. <i>munzii</i>	{ Inyo Co., Panamint Range, Wildrose Canyon, WNW of Charcoal Kilns }	2130 m.	Open areas among <i>Artemisia</i> in gravelly soil	In fruit (not gone) S			
* 178	<i>Penstemon fruticosus</i>					"	Gravelly ridges and along dry 'washes' among stones	" S
* 179	<i>Penstemon floridus austriacus</i> ii					"	"	" S
180	<i>Penstemon palmeri</i>					"	"	Pink O
181								
182	<i>Calochortus panamintensis</i>	Inyo Co., Panamint Range, above Charcoal Kilns to Telescope Peak	2300 m+	Openings among <i>Pinus</i> in stony soil with <i>Artemisia</i>	White P			
183								

29 JUNE, 1992 : CALIFORNIA

* 13184	<i>Calochortus kennedyi</i>	{ Inyo Co., Deep Springs Valley, SW of Gilbert Summit	1620 m.	Open, stony slope with sparse <i>Artemisia</i> , etc.	In fruit (most gone) S	
185						
* 186	<i>Calochortus bruneaeunus</i>	{ Inyo Co., White Mts., Westgard Pass	2230 m.	Openings among <i>Artemisia</i> on level area.	White/early seed S: few	
* 187	<i>Eriogonum ovalifolium</i>		"	"	In fruit S.	
188						
* 189	<i>Penstemon floridus</i>	{ Inyo Co., White Mts., SW of Westgard Pass (on White Mt. Rd.).	2200 m.	Loose, stony slope along margin of dry 'wash'	In fruit S	
* 190	<i>Penstemon scapoideus</i>		"	Steep stony slopes with occasional <i>Juniperus</i>	" S	
192						
* 193	<i>Argemone munita</i>	{ Inyo Co., White Mts., above & below The Narrows (on 168)	2000 m.	Stony gravelly banks & disturbed roadside areas.	In fruit S	
194						
* 195	<i>Oenothera caespitosa</i> sp. <i>marginata</i>	{ Inyo Co., White Mts., Toll House Springs	1980 m.	Steep loose, clay slopes.	" S	
196	<i>Ostragalus coccineus</i>		"	"	: plants almost destroyed.	
197						

30 JUNE, 1992 : CALIFORNIA

* 13198	<i>Calochortus superbus</i>	{ Eldorado Co., Shoo Fly Rd., N of Placerville (along Taumann Ridge S of Spanish Flat	720 m.	Openings among <i>Pinus</i> , often in part-shade	In fruit S
199					
200	<i>Calochortus</i>	{ Eldorado Co., South Fork American River Canyon N of Placerville	± 400 m.	Frequent on steep, shaded banks at margin of woods.	Seed dehiscent
201					

3 JULY, 1992 : CALIFORNIA

* 13202	<i>Calochortus vestae</i>	{ Lake/Mendocino Co., E. of Willits W of Lake Pillsbury	1250 m.	Open grassy slopes in heavy clay.	In fruit S
* 203	<i>Iris macrosiphon</i>		Lake Co., NE of Lake Pillsbury	1300 m.	Openings among <i>Pinus</i> in stony clay
* 204	<i>Hackelia californica</i>	{ Trinity Co., Sarcos look-out Rd. above Zenia	1630 m.	Stony openings in coniferous woodland.	" S
* 205	<i>Calochortus</i>		"	"	" S; few
* 206	<i>Iris tenuissima</i>	"	1660 m.	"	" S
* 207	<i>Allium hoffmannii</i>	"	"	Serpentine talus on open slopes in coniferous woodland.	" S
* 208	<i>Mimulus aurantiacus</i>	Trinity Co., W of Zenia	5450' / 700 m.	Steep rocky slopes and cliff ledges.	In fruit S.
209	<i>Iris purdyi</i>	Humboldt Co., NE of Alderpoint to Zenia	250 m.	Open stony slopes at margins of coniferous forest	Seed dispersed
210	<i>Calochortus</i>	"	"	"	"
211	<i>Calochortus vestae</i>	Humboldt Co., ENE of Garberville to Alderpoint	600 m.	In clay on open grassy slopes along ridge	: seed grazed by deer: bulbs

4 JULY, 1992 : CALIFORNIA

* 13212	<i>Penstemon purpusii</i>	{ Humboldt Co., Stridley Ridge, { SSW of Willow Creek (off Berry Summit)	1580 m.	Stony areas in openings among conifers	In fruit	S
* 213	<i>Allium falcifolium</i>		"	"	"	S
214	<i>Calochortus coerulescens</i>		"	"	"	S: few
* 215	<i>Iris tenuissima</i>		"	"	"	S
* 216	<i>Erythronium californicum</i>		"	"	"	(not grazed) S
* 217	<i>Phlox diffusa</i>		"	"	"	S: few.
218	<i>Fritillaria glauca</i>		"	"	Loose talus on W-facing slope	- all seed eaten by deer.
219						
220						

5 JULY, 1992 : OREGON

* 13221	<i>Iris douglasiana</i>	Curry Co., N of Brookings to Carpenterville (Carpenterville Strorage Rd.)	270 m.	Banks in mixed woodland.	In fruit	S	
* 222	<i>Iris thompsonii</i>		"	"	"	S	
223							
224							
* 225	<i>Iris innominata</i>	{ Curry Co., N of Agness / W of Lake { (Rogue River drainage)	400 m.	Steep stony slopes facing E & SE in coniferous zone	"	S	
226							
* 227	<i>Iris innominata</i>	{ Coos/ Curry Co., vicinity of divide { between Rogue & Coquille drainages	650-700 m.	Steep, stony slopes and banks.	"	S	
228							
229							

6 JULY, 1992 : OREGON

* 13230	<i>Penstemon fruticosus</i>	{ Douglas Co., Calapooya Divide } { (nr. Lane Co. line): ridge E of { Huckleberry Mt. to Silica Mt.	1120 m.	Exposed slopes, among loose rocks.	In fruit	S
231			"	"	"	
232	<i>Trillium ? ovatum</i>		"	"	Among scrub at margins of coniferous forest	
* 233	<i>Iris chrysophylla</i>	"	"		In fruit	S
234						
235	<i>Campanula</i>	"	1150 m.	Openings in coniferous forest	Pale blue	OS.
236						
* 237	<i>Adiantum pedatum</i>	{ Douglas Co., above Rock Creek } { NW of Glide	320 m.	On and at base of shaded cliffs.	-	S
238						

* 13239	<i>Sisyrinchium douglasii</i>	{ Douglas Co., W of Myrtle Creek } (off Boomer Hill Rd.)	450 m	Among grasses & sparse conifers on steep serpentine slopes	In fruit	S
* 240	<i>Calochortus coxii</i>		"	"	"	S
* 241	<i>Comassia</i>		"	"	"	S
* 242	<i>Erythronium oregonum</i>		"	"	"	S
243						
244						

7/8 JULY, 1992 : OREGON

* 13245	<i>Phlox adsurgens</i>	{ Douglas Co., S of Tiller (divide between Hatchett Creek & Callahan Creek)	750 m.	Open banks in coniferous forest	In fruit	S	
246							
247							
* 248	<i>Calochortus howellii</i>	{ Josephine Co., Eight Dollar Mt., SW of Selma	450-500 m	{ Open, S-facing slopes, overlaid with volcanic debris; among sparse <i>Arctostaphylos</i> , <i>Pinus</i> etc }	In seed	S	
249	<i>Fritillaria</i>		"		"	"	S few DH
250	<i>Iris chrysophylla</i>		"		"	No seed set.	
251							

8 JULY, 1992 OREGON : CALIFORNIA

252	<i>Iris baccata</i>	{ Oregon, Josephine Co., along Rough } & Ready Creek, NNE of O'Brien	450 m.	Among scrub at margins of stream-bed.	Seed dispersed (few set).	O
253						
254						
255						
256	<i>Calochortus howellii</i>	{ Or.; Josephine Co., above W Fork Alvino River SW of O'Brien (Lone Mt. Rd. to Ulmer Rd.)	470 m.	Among <i>Aptemisia</i> on open stony slopes with volcanic debris: in flower.		P
257						
* 258	<i>Darlingtonia californica</i>		480 m.	Wet areas where constant seepage occurs.	In fruit	S
259						
* 260	<i>Phlox adsurgens</i>	{ Or., Josephine Co., E of Takilma Happy Camp Rd.	500-900 m.	From shade in woodland to talus on exposed slopes	Poor seed set.	S
261	<i>Iris chrysophylla</i>			850 m.	Openings among conifers.	"
262						
263	<i>Calochortus persistens</i>	{ Cal., Siskiyou Co., W of Yreka : High Ridge Rd. NNW of Gurnight Peak	1750 m	Open, stony slope & among serpentine detritus	In fruit	S
264	<i>Fritillaria</i>			"	"	Seed all dehiscid
265						
* 266	<i>Calochortus persistens</i>	"	1800 m.	Loose serpentine talus on open slope.	In fruit	S
267						
268						

9 JULY, 1992 : CALIFORNIA

13269	<i>Calochortus nudus</i>	{ Trinity Co., Scott Mountains, SW of Scott Mt. Summit on Hwy 3 }	1590 m.	Open, wet meadow surrounded by conifers.	Deep lavender P	
* 270	<i>Dodecatheon jeffreyi</i>		"	"	In fruit S	
271						
272						
273	<i>Mimulus</i>					
* 274	<i>Fritillaria castrovioides</i>	{ Shasta Co., S of Shingletown (on Wilson Hill Rd.) }	1000 m.	Openings in mixed woodland, mainly <i>Quercus</i>	In seed S	
* 275	<i>Iris tenuissima</i>		"	"	" S	
* 276	<i>Fremontodendron californicum</i>		"	850 m.	Among <i>Arctostaphylos</i> , <i>Ernia</i> , etc on open slopes.	" S
* 277	<i>Brodiaea elegans</i>		"	"	"	" S
278	<i>Erythronium purpurascens</i>					— —

10 JULY, 1992 : CALIFORNIA

13, 279	<i>Iris hartwegii pinetorum</i>	{ Plumas Co., above Round Valley Reservoir, S of Greenville }	1370 m.	Gravelly slopes among sparse conifers.	In fruit S: few.
280	<i>Erythronium purpurascens</i>			"	Seed dispersed —
281					
* 282	<i>Iris hartwegii pinetorum</i>	Plumas Co., N of Quincy	1070 m.	Openings in coniferous forest.	In fruit S
* 283	<i>Calochortus nudus</i>	" NNW "	1100 m.	Margins of meadows among conifers	Not seed dispersed S.

11 JULY, 1992 : CALIFORNIA

* 13284	<i>Mimulus bifidus</i>	Sierra Co., E of Downieville	1200 m.	Steep, gravelly, granite slopes.	In fruit. S
285	<i>Cheilanthes</i>	"		Fissures in part-shaded granite outcrop.	— LS
286					
287					

12 JULY, 1992 : CALIFORNIA

* 13288	<i>Calochortus vestae</i>	{ Lake Co., Coyote Valley, NE of Middletown }	290 m.	Among grasses in heavy clay of open, level site	In fruit S.
289					
* 290	<i>Fremontodendron californicum</i>	{ Lake Co., above St. Helena Creek near Napa Co. line }	490 m.	In mixed scrub on steep loose slope.	Not seed dispersed S.