

State Cooperative Soil - Vegetation Survey

CALIFORNIA DIVISION OF FORESTRY
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SOME VASCULAR PLANTS OF EASTERN SHASTA COUNTY, CALIFORNIA

James R. Griffin and W. Robert Powell

Recent field work in Shasta County, California, has produced much descriptive soil and vegetation information. This note summarizes some of the floristic aspects of the work. With emphasis on volcanic uplands in the eastern half of the county (figure 1), it lists the vascular plants found in foothill woodlands and middle-elevation mixed conifer forests. Subalpine forests are not included since our field work did not cover them. Some plants of higher elevations are covered by the excellent flora of Lassen Volcanic National Park (Gillett et al., 1961).

This list is only preliminary. It is most complete for woody plants in dry upland habitats. Riparian vegetation was sampled only incidentally, although most of the obvious plants between elevations of 500 and 6,000 feet are included. The list should encourage a more definitive floristic survey of this interesting area.

Species records from 200 soil-vegetation plots by Powell form a major part of the list. The coverage is broadened by plants found on 36 vegetation plots during a soil moisture survey by Griffin (1967). Additional species come from notes and maps of the State Cooperative Soil-Vegetation Survey (Gladish and Mallory, 1964; Mallory et al., 1965, 1965a, 1965b, 1965c, 1966; and not yet published). A few species in the literature (Hawksworth et al., 1966; Kuijt, 1960; Sprague, 1962) came to our attention, but we made no attempt to review the literature. Finally, special local collections from several botanically interesting spots in the region are used (figure 1).

The plants are listed in table 1 in alphabetical order by genus. Included are 756 species and 27 plants identified to genus only. Table 2 lists the 85 families and 333 genera represented by these species.

Mr. Griffin was ecologist in the Pacific Southwest Forest and Range Experiment Station, U.S. Forest Service, Redding, California 96001, and is now assistant research ecologist at the University of California Hastings Natural History Reservation, Carmel Valley, California 93924. Mr. Powell is associate specialist in the Department of Agronomy and Range Science, University of California, Davis, California 95616, working full-time with the Soil-Vegetation Survey.

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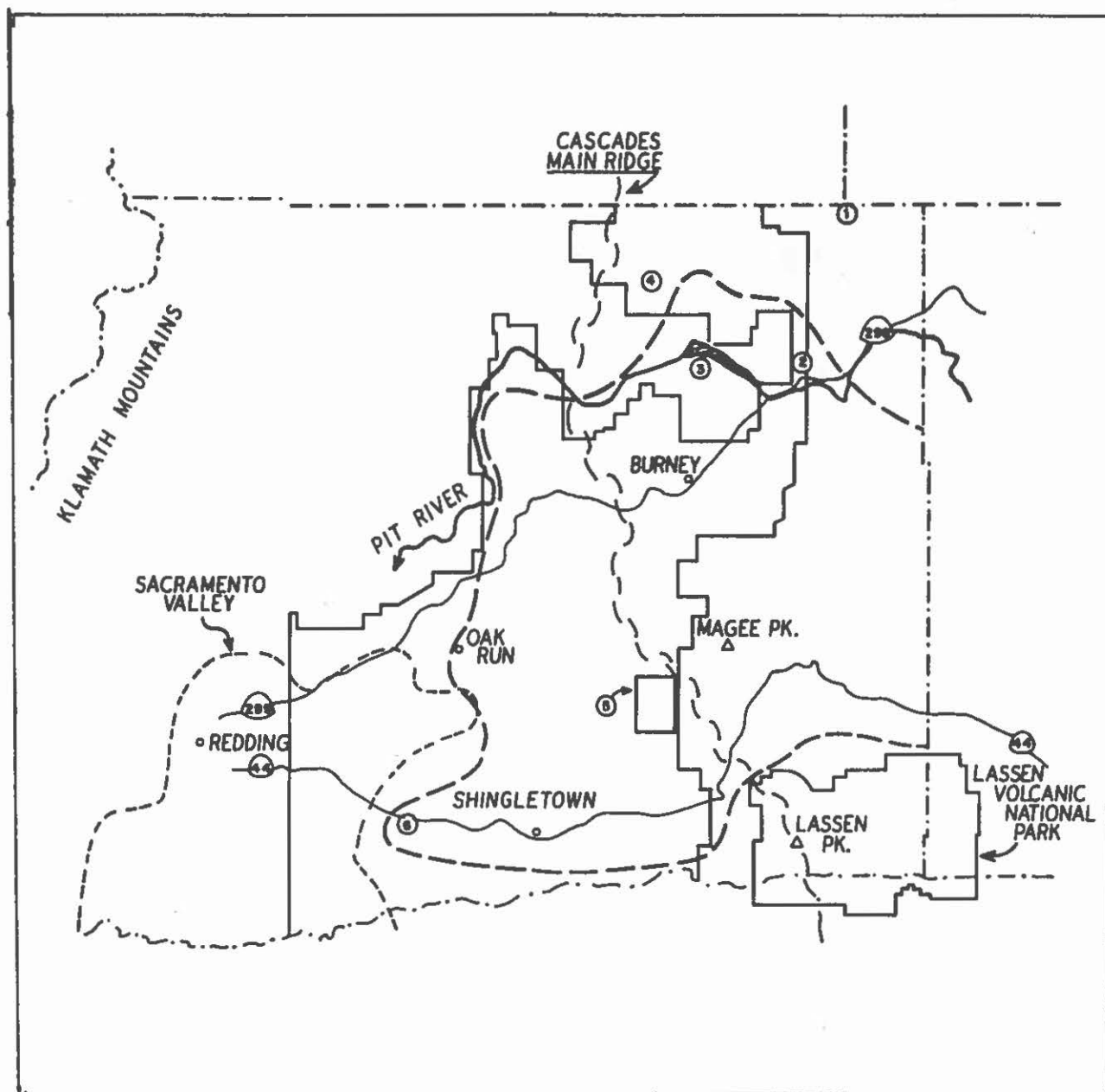


Fig. 1. Portion of Shasta County covered by this plant list. Solid line encloses region sampled by Powell (does not include Lassen Park.) Heavy dashed line encloses area of detailed field work by Griffin. Locations of several botanically interesting areas are indicated by small circled numbers:

1. Timbered Crater Baker cypress area (Stone, 1965);
2. Pit 1 Powerhouse disjunct foothill woodland area (Griffin, 1966);
3. McArthur-Burney Falls Memorial State Park bordering Lake Britton;
4. Clark Creek Englemann spruce relic stand;
5. Latour State Forest;
6. Lack Creek MacNab cypress area (Griffin and Stone, 1967).

Table 1 gives species distribution in a land grid of 7.5-minute quadrangles. The system of numbering quadrangles is that used by the Pacific Southwest Forest and Range Experiment Station. Location of quadrangles is shown in figure 2. Table 3 correlates quadrangle number with the name of the corresponding 15-minute topographic maps of the U. S. Geological Survey.

Scientific and common names of the trees mostly follow the usage of Little (1953). Scientific names of shrubs and herbs mostly follow Munz (1959). Much of the new nomenclature of Munz (1968) has been used. Common names of shrubs and herbs were drawn from several sources, including well established local usage. No attempt was made to give common names to plants that had none. Vouchers for many species are filed at the Botany Herbarium, University of California, Davis; at the Pacific Southwest Forest and Range Experiment Station, Redding; or at the Herbarium, University of California, Berkeley.

A wealth of additional information on plant distribution, relative abundance, and habitat is to be derived from the Soil-Vegetation maps and legends and from the files of the authors. We hope to put together information on soils and plant communities for some of the species included here. The published Soil-Vegetation maps are available from the Regional Forester, U. S. Forest Service, 630 Sansome Street, San Francisco, California 94111.

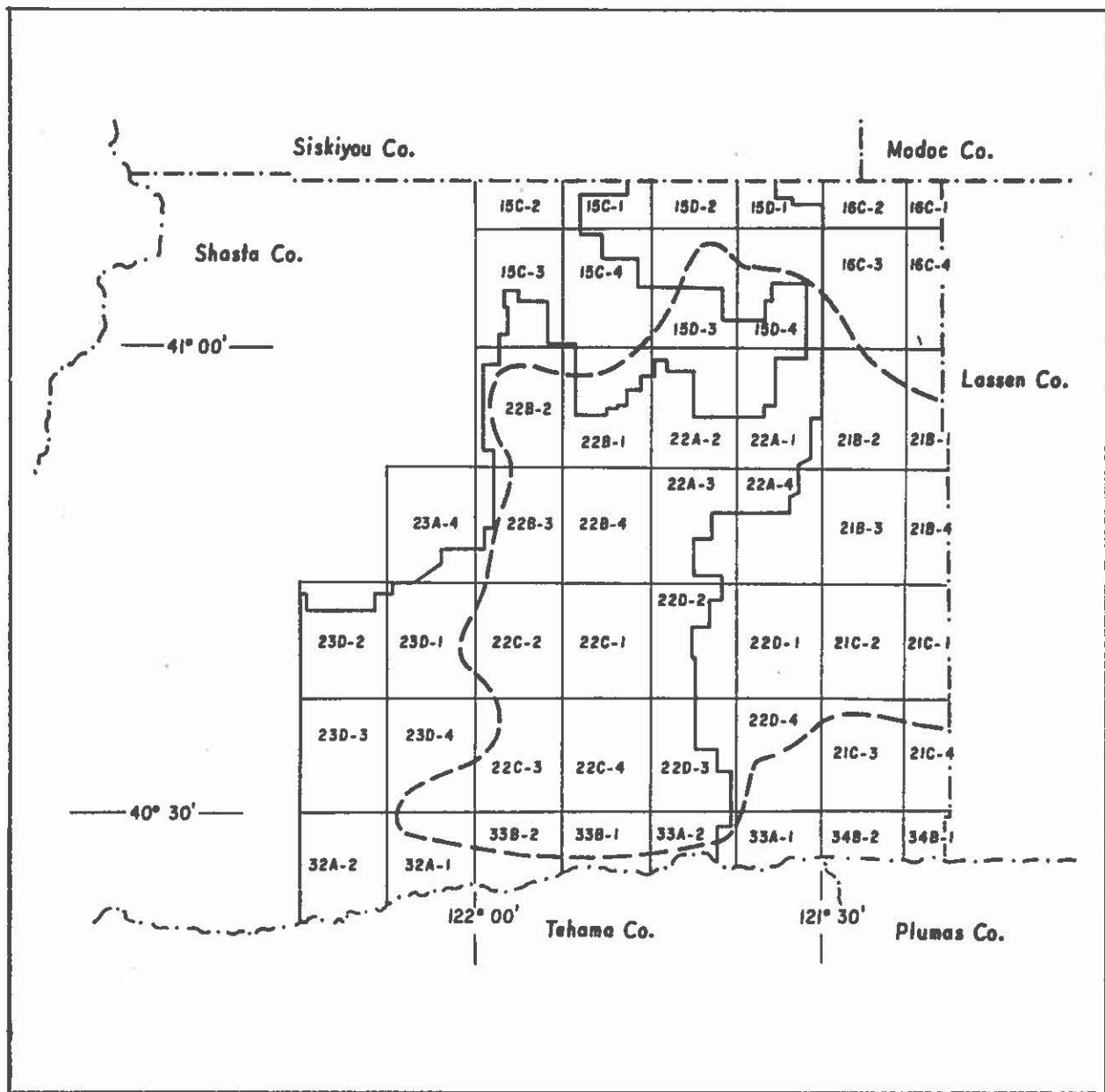


Fig. 2. Location of 7.5-minute quadrangles in eastern Shasta County.

Table 1. Plant species of eastern Shasta County, California

[illegible]

Legend: 1 = SV map; 2 = SV plot; 3 = 2 and 1; 4 = Griffin plot; 5 = 4 and 1; 6 = 4 and 2; 7 = 4, 2, and 1.
Footnotes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

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Table 1 (Continued). Plant species of eastern Shasta County, California

Quadrangle of occurrence

Scientific name Common name	15C-1	15C-3	15C-4	15D-1	15D-2	15D-3	15D-4	16C-2	16C-3	21B-1	21B-2	21B-3	21B-4	21C-1	21C-2	21C-3	21C-4	22A-1	22A-2	22A-3	22A-4	22B-1	22B-2	22B-3	22B-4	22C-1	22C-2	22C-3	22C-4	22D-1	22D-2	22D-3	22D-4	23A-1	23A-2	23B-1	23B-2	23B-3	23B-4	32A-1	32A-2	33A-1	33B-1	33B-2		
Arctostaphylos manzanita wieslanderii/																																														
Shingletown manzanita																																														
Arctostaphylos nevadensis																																														
Pinemat manzanita																																														
Arctostaphylos patula																																														
Greenleaf manzanita																																														
Arctostaphylos patula platyphylla/																																														
Pine manzanita																																														
Arctostaphylos viscida																																														
Whiteleaf manzanita																																														
Arenaria californica																																														
Arenaria douglasii																																														
Arenaria macrophylla																																														
Arenaria serpyllifolia																																														
Argemone munita rotundata																																														
Prickly poppy																																														
Aristida oligantha																																														
Prairie threeawn																																														
Aristolochia californica																																														
Dutchman's pipe																																														
Arnica nevadensis																																														
Artemisia arbuscula																																														
Low sagebrush																																														
Artemisia tridentata																																														
Basin big sagebrush																																														
Asarum caudatum																																														
Long-tail wild ginger																																														
Asarum hartwegii																																														
Hartweg wild ginger																																														
Asclepias cordifolia																																														
Purple milkweed																																														
Asclepias fascicularis																																														
Narrow-leaf milkweed																																														
Asclepias speciosa																																														
Showy milkweed																																														
Aster campestris bloomeri																																														

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Quadrangle of occurrence

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Dactylis glomerata Orchardgrass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Danthonia californica California oatgrass	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Danthonia pilosa Hairy oatgrass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Danthonia unispicata One-spike oatgrass	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	2	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	
Daucus pusillus Rattlesnake weed	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	2	2	.	.	.	2	2	2	2	.	.	2	2	2	2	2	2	2	2	2	2	2	2	2		
Delphinium nudicaule Red larkspur	.	.	.	4	.	.	.	.	.	.	.	.	.	4	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Delphinium nuttallianum Delphinium variegatum Royal larkspur	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	2	4	4	.	.	.	.	4	.	4	.	.	.	.	.	.	.	.	4	.	
Dentaria californica Deschampsia danthonioides Annual hairgrass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	4	4	.	.	.	.	4	.	4	.	.	.	2	2	2	2	.	.	.	.
Deschampsia elongata Slender hairgrass	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Descurainia pinnata halictorum Western tansy-mustard	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	6	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Dicentra formosa Bleeding heart	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	4	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	
Disporum hookeri trachyandrum Sierra fairy bells	2	2	2	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	6	6	.	2	2	6	2	.	2	6	2	.	.	.	.	.	.	.	.	.	.	.	.	.	
Dodecatheon spp. Shooting stars	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	2	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Dodecatheon hendersonii parvifolium	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.
Downingia bicornutaZ/ Draba verna Whitlow-grass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Eburophyton austinae Eleocharis palustrisZ/	.	.	.	6	.	.	4	.	.	.	.	.	.	.	.	.	6	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Elymus glaucus Blue wild rye	.	2	.	2	4	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	2	6	6	2	2	6	2	2	.	6	4	.	2	2	.	2	.	2	2	2	2	2	2	2	2	
Elymus glaucus jepsonii Jepson wildrye	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Epilobium angustifolium Fireweed	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Epilobium minutum Slender annual fireweed	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	.	2	.	.	.	.	.	.	.	.	2	.	2	.	.	.	.	.	.	.	.	.	.	.	
Epilobium paniculatum Annual fireweed	2	2	2	2	6	2	.	4	.	4	.	.	.	.	.	6	6	2	6	.	.	4	.	2	2	.	6	.	.	.	.	2	.	.	.	.	2	.	.	.	.	2	.	.	2	.
Equisetum sp. Eremocarpus setigerus Turkey mullein	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Erigeron decumbens robustior Erigeron filifolius Erigeron inornatus California rayless daisy	.	.	.	6	2	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Eriodictyon californicum California yerba santa	.	.	.	2	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	2	.	.	1	1	.	.	.	.	2	2	3	.	2	3	.	2	2	.	.	.	.	.	
Eriogonum nudum (E. latifolium n.) Eriogonum nudum pubiflorum (E. latifolium saxicola) Buckwheat	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	2	.	.	.	2	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.
Eriogonum umbellatum Sulfur-buckwheat	.	.	.	4	.	.	4	.	4	.	4	.	.	.	.	6	2	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Eriogonum vimineum Wicker-buckwheat	.	.	.	4	.	.	4	.	4	.	4	.	.	.	.	6	2	.	.	2	.	.	.	2	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.

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Eriophyllum lanatum s / Common woolly-sunflower	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	2	2	2	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.		
Eriophyllum lanatum achillaeoides	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Eriophyllum lanatum croceum Common woolly-sunflower	.	2	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	2	.	.	2	.	2	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.			
Eriophyllum lanatum grandiflorum Common woolly-sunflower	.	.	.	.	4	.	.	4	.	4	.	.	.	.	.	.	.	6	.	.	2	6	.	.	2	4	.	2	4	.	.	.	.	.	2	2	2	.	.	.	.	4	.				
Erodium botrys Broadleaf filaree	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	2	2	2	2	2	2	2	2	2	2		
Erodium cicutarium Red-stem filaree	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	2	.	2	.	.	.	.	.	.	.	.	.	2	2	2	2	2	2	2	2	2	2	.			
Erodium moschatum White-stem filaree	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.		
Erodium obtusiplicatum Foothill filaree	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	2	2	2	2	2	2	2	.	.	.	.			
Eryngium spp.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.			
Erysimum capitatum Western wallflower	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	.	4	.	.	4	.	4	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.		
Eschscholzia californica crocea Common californica poppy	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Eschscholzia lobbi Frying pans	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	2	2	.	.		
Euphorbia crenulata Chinese caps	.	.	.	.	.	.	.	4	4	4	4	.	.	.	.	.	.	.	.	.	.	2	.	2	4	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	4			
Euphorbia spathulata Spurge	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Festuca spp. (annual) Annual fescue	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	2	2	.	2	2	2	2	
Festuca bromoides (F. dertonensis) European foxtail fescue	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	4	.	.	.	2	.	2	2	.	.	2	.	2	2	2	2	2	2	2	2	2	2	2	.	.	.	.			
Festuca confusa Confusing fescue	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.		
Festuca eastwoodae Eastwood fescue	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	.	.	.	.		
Festuca grayi Gray fescue	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	.	.	.	.	2	.	2	.	.	.	.	2	.	.	.	.	.	.	
Festuca idahoensis Idaho fescue	.	.	.	.	.	.	4	4	4	4	.	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Festuca megalura Foxtail fescue	.	2	.	.	2	.	4	.	.	.	.	6	.	.	2	2	.	2	2	.	2	2	.	2	2	.	.	.	.	.	.	.	.	.	2	2	2	2	2	2	2	2	2	2	.	2	
Festuca microstachys Pubescent reflex fescue	.	.	.	2	2	.	.	.	.	.	.	2	.	.	.	.	.	2	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	2	2	2	2	2	2	2	.	.	.	.	
Festuca myuros False foxtail fescue	.	.	.	2	2	.	.	.	.	.	.	2	.	.	.	.	2	.	2	.	2	2	.	.	.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	.	2
Festuca occidentalis Western fescue	2	2	.	2	2	6	2	.	.	.	.	.	.	.	.	.	.	4	2	6	2	6	6	6	6	6	2	6	6	2	6	6	2	6	2	2	.	.	.	.	2	2	4	.	.		
Festuca pacifica Pacific fescue	.	2	.	2	.	2	.	.	.	.	.	.	.	.	.	.	.	2	.	2	.	.	.	2	2	.	2	2	.	2	.	.	.	.	.	.	.	.	2	2	.	.	.	.	.		
Festuca reflexa Reflex fescue	.	.	.	2	2	.	.	.	.	.	.	.	2	2	2	2	.	2	2	2	2	.	2	2	2	2	.	2	.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	2	.	2
Festuca rubra Red fescue	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.
Filago gallica Filago	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	2	2	2	2	2	2	2	2	2	.	.	.	.
Fragaria californica Wood strawberry	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	.	2	.	2	2	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Fragari platypetala Scarlet strawberry	2	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	4	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Legend: 1 = SV map; 2 = SV plot; 3 = 2 and 1; 4 = Griffin plot; 5 = 4 and 1; 6 = 4 and 2; 7 = 4, 2, and 1.
Footnotes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

		Quadrangle of occurrence																																		
Scientific name	Common name	15C-1	15C-2	15C-3	15C-4	15C-5	15C-6	15C-7	15C-8	15C-9	15C-10	15C-11	15C-12	15C-13	15C-14	15C-15	15C-16	15C-17	15C-18	15C-19	15C-20	15C-21	15C-22	15C-23	15C-24	15C-25	15C-26	15C-27	15C-28	15C-29	15C-30	15C-31	15C-32	15C-33	15C-34	
<i>Frasera albicaulis nitida</i>	Shining fraseria		2	2																			2		2						4			4		
<i>Fraxinus dipetala</i>	Foothill ash																														2			4		
<i>Fraxinus latifolia</i>	Oregon ash			1	5									5	3	3	1					1														
<i>Fremontodendron californicum</i>	Flannel bush																						1							6			5			
<i>Fritillaria atropurpurea</i>																						4														
<i>Fritillaria recurva</i>	Scarlet fritillary		2	2	6	2								4	4	2	6	2	6	6	2	6	6	4	6		4							2	4	
<i>Galium aparine</i>	Goosegrass	2	2		6	2			4					6	2			2	2	2	2			2	2	2	2	2	4	2	2		6			
<i>Galium bolanderi</i>	Bolander galium			2	2	6		4	4					6	2	2	6	2	6	6	6	6	6	6	6	2	6	2	2		4		2	2	6	
<i>Galium boreale</i>				4																																
<i>Galium divaricatum</i>	Lamark bedstraw																					2														
<i>Galium nuttallii</i>	Climbing galium		2											2			2	2		6	2	2				2	2	2	6	2			2	6		
<i>Galium parisiense</i>	Wall bedstraw		2											4				2		2	2				2	2	2	2	2	2	2					
<i>Galium triflorum</i>	Fragrant bedstraw		2		6											2		4		2		4														
<i>Garrya fremontii</i>	Fremont silktassel																				2			2	4											
<i>Gastroidium ventricosum</i>	Nitgrass		2																			2	2				2	2	2	2	2	2		2		
<i>Gayophytum diffusum</i> ✓	Gayophytum			2				4	4					2	2	2	2		2	4		2	2	6									2			
<i>Gayophytum humile</i>	Gayophytum																							2												
<i>Gayophytum ramosissimum</i>	Geranium dissectum									4	4																									
<i>Geranium dissectum</i>	Common wild geranium																				2		2	2			2	2	2	2	2					
<i>Geranium molle</i>	Woodland geranium																					2						2	2	2	2		2		2	
<i>Gilia capitata</i> ✓	Blue field Gilia		2		2									6	2			2	2		2		2			2										
<i>Gilia capitata pedemontana</i>																						2														
<i>Gilia tricolor</i>	Tricolor gilia																													2	2	2				
<i>Githopsis specuarioides</i>	Common blue-cup																					2					2	2	2	2						
<i>Gnaphalium microcephalum thermale</i>	Slender everlasting																					4	2		2											
<i>Gnaphalium palustre</i>																										2										
<i>Gnaphalium purpureum</i>																													2							
<i>Goodyera oblongifolia</i>	Rattlesnake plantain		2	2		4											2	2	6	4	6	6		6	2	6								4		
<i>Gratiola ebracteata</i> ✓																																				
<i>Grindelia camporum</i>	Common gum-plant																											2		2						

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Footnotes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

Quadrangle of occurrence

Scientific name	15C-1	15C-3	15D-1	15D-2	15D-3	15D-4	16C-2	16C-3	21B-1	21B-2	21B-3	21C-1	21C-2	21C-3	21C-4	22A-1	22A-2	22A-3	22A-4	22B-1	22B-2	22B-3	22B-4	22C-1	22C-2	22C-3	22C-4	22D-1	22D-2	22D-3	22D-4	23A-1	23D-1	23D-2	23D-3	23D-4	32A-1	32A-2	33A-2	33B-1	33B-2				
Common name																																													
Habenaria elegans	.	.	.	4	.	.	.	.	.	.	.	.	.	.	4	4	4	4	4	4	4	4	4	4	4	4	4	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	
Habenaria sparsiflora	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Bog orchid	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Habenaria umalascensis	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Rein orchid	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2		
Hackelia californica	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
California stickseed	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	2	.	.	.	.	.	.	6	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Haplopappus bloomeri	.	.	3	5	1	.	4	.	.	.	.	4	4	.	.	3	1	1	1	.	1	.	.	.	.	.	.	1	4	.	.	.	.	.	.	.	.	.	.	.	.	.	2		
Bloomer goldenbush	.	.	3	5	1	.	4	.	.	.	.	4	4	.	.	3	1	1	1	.	1	.	.	.	.	.	.	1	4	.	.	.	.	.	.	.	.	.	.	.	.	.	2		
Helianthella californica nevadensis	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Sierra helianthella	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Hemizonia fitchii	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Fitch spikeweed	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Hemizonia pungens	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Common spikeweed	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Hesperochiron pumilus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Hieracium albiflorum	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
White-flower hawkweed	2	2	2	2	2	6	2	.	.	.	.	.	.	.	.	2	6	2	6	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Hieracium cynoglossoides nudicaule	.	.	2	.	.	.	.	.	.	.	.	4	.	.	.	.	2	.	.	.	.	2	.	2	.	2	.	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Holcus lanatus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Holodiscus microphyllus glabrescens	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Glandular rock-spiraea	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.	.	.	.	o/	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Hordeum geniculatum (H. hystrix)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Mediterranean barley	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	2	.	2	.	2	.	.	.	.	.	.	.	.	2	2	2	2	2	2	2	2	2	2	2	2
Hordeum leporinum	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Foxtail mouse barley	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Hordeum glaucum (H. stebbinsii)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Blue foxtail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Horkelia fusca parviflora	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Dusky horkelia	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Horkelia pseudocapitata	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Horkelia tridentata	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Three-tooth horkelia	.	.	2	4	.	.	.	.	.	.	.	.	.	.	4	.	2	2	2	.	6	4	.	6	4	4	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Hydrophyllum capitatum alpinum	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	4	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Hydrophyllum occidentale	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
California waterleaf	2	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Hypericum anagalloides	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Tinker's penny	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Hypericum concinnum	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Goldwire	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Hypericum perforatum	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Klamath weed	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Hypochoeris glabra	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Smooth cat's ear	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Ipomopsis aggregata	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Scarlet gilia	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Iris tenuissimae/	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Iris	.	2	2	2	2	2	.	.	.	.	.	.	.	.	.	.	2	2	6	2	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	6	
Isoetes howellii	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.													

Legend: 1 = SV map; 2 = SV plot; 3 = 2 and 1; 4 = Griffin plot; 5 = 4 and 1; 6 = 4 and 2; 7 = 4, 2, and 1.
Footnotes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

	Quadrangle of occurrence																																														
Scientific name	15C-1	15C-3	15C-4	15D-1	15D-2	15D-3	15D-4	16C-2	16C-3	21B-1	21B-2	21B-3	21B-4	21C-1	21C-2	21C-3	21C-4	22A-1	22A-2	22A-3	22A-4	22B-1	22B-2	22B-3	22B-4	22C-1	22C-2	22C-3	22C-4	22D-1	22D-2	22D-3	22D-4	23A-4	23D-1	23D-2	23D-3	23D-4	32A-1	32A-2	33A-1	33B-1	33B-2				
Common name																																															
Koeleria phleoides Annual junegrass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	.	.	.			
Kohlruschia velutina (Tunica prolifera) Wild pink	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	2	2	2	.	.	2		
Lactuca serriola Prickly lettuce	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.			
Lactuca serriola integrata Prickly lettuce	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Larophylla glandulosa	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.		
Larophylla ramosissima	.	.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Lasthenia chrysostoma gracilis (Baeria c.g.) Common goldfields	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	2	2	.	.		
Lathyrus jepsonii californicus	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Lathyrus lanszwertii	.	.	2	.	6	2	.	.	.	.	.	4	.	.	.	.	.	6	2	2	6	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Lathyrus nevadensis lanceolatus	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Lathyrus sulphureus Sulfur pea	2	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	6	6	6	2	.	.	.	2	.	.	.	2	.	.	2	.	.	.	.	6		
Lathyrus tracyi	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Layia fremontii Fremont layia	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	2	.	.		
Ledum glandulosum californicum Western labrador tea	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Lepidium campestre Cow cress	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Lepidium nitidum Common peppergrass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	2	2	.	.		
Leptodactylon pungens pulchriflorum Common granite gilia	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Lessingia virgata Virgate lessingia	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	2	2	.	.		
Ligusticum grayi	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Lilium pardalinum Leopard lily	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Lilium washingtonianum Washington lily	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	2	6	2	6	.	6	2	6	2	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
Limnanthes alba White meadow-foam	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Limnanthes floccosa Wooly meadow-foam	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	.	.	.	.	.		
Linanthus bakeri	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.		
Linanthus bicolor Linanthus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	2	2	2	2	2	.	.	2	.		
Linanthus ciliatus Whisker linanthus	.	.	.	2	2	.	4	4	.	.	.	.	.	2	.	.	.	.	.	.	.	2	.	2	.	2	.	2	.	2	.	2	.	2	2	2	.	.	2	2	2	.	.	.	.		
Linanthus filipes Filiform linanthus	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	.	.	.	.	.		
Linanthus harknessii	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Linnaea borealis longiflora Twin flower	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	9	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Linum angustifolium Narrow-leaf flax	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	
Linum micranthum Common dwarf flax	.	2	.	2	.	2	2	.	.	.	.	.	.	.	.	.	.	2	2	2	.	2	.	2	2	2	2	.	2	.	2	.	2	2	2	2	2	2	2	2	2	2	2	2	2		
Linum perenne lewisii Western blue flax	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	
Lithocarpus densiflora Tan-oak	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lithocarpus densiflora echinoides Shrub tan-oak	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Lithophragma tenellum (L. breviloba)	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Legend: 1 = SV map; 2 = SV plot; 3 = 2 and 1; 4 = Griffin plot; 5 = 4 and 1; 6 = 4 and 2; 7 = 4, 2, and 1.
Footnotes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

Quadrangle of occurrence

Scientific name Common name	15C-1	15C-3	15C-4	15D-1	15D-2	15D-3	15D-4	16C-2	16C-3	21B-1	21B-2	21B-3	21B-4	21C-1	21C-2	21C-3	21C-4	22A-1	22A-2	22A-3	22A-4	22B-1	22B-2	22B-3	22B-4	22C-1	22C-2	22C-3	22C-4	22D-1	22D-2	22D-3	22D-4	23A-1	23D-1	23D-2	23D-3	23D-4	32A-1	32A-2	33A-2	33B-1	33B-2			
<i>Lithophragma heterophyllum</i> Hill star	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lithophragma parviflorum</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lithospermum californicum</i> Shasta puccoon	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	4	4	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.		
<i>Lithospermum ruderae</i> Columbia puccoon	.	2	.	2	.	.	.	.	4	.	.	4	.	2	.	.	.	.	.	.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lolium multiflorum</i> Italian ryegrass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	2	2	2	2	2	.	.	.	.	.	.	2	.	.		
<i>Lolium perenne</i> Perennial ryegrass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lolium temulentum</i> Darnel	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.			
<i>Lomatium</i> spp. Lomatium, hog-fennel	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	2	2	2	2	2	2	.	2	.	2	.	.	.	.	.	.	2	.			
<i>Lomatium dissectum</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lomatium humile</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.		
<i>Lomatium macrocarpum</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lomatium nudicaule</i> Pestle parsnip	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lomatium peckianum</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lomatium triternatum</i> Lomatium	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lomatium utriculatum</i> Common lomatium	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	
<i>Lonicera conjugialis</i> Double honeysuckle	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Lonicera interrupta</i> Chaparral honeysuckle	.	.	.	4	2	.	4	4	.	.	.	.	.	.	.	6	.	.	.	.	.	2	2	6	6	2	.	.	.	2	2	2	2	6	2	2	.	.	.	.	.	.	6	.		
<i>Lonicera involucrata</i> Twinberry	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Lotus balsamiferus</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Lotus crassifolius</i> Big deer vetch	1	.	.	2	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lotus grandiflorus</i>	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	6	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lotus humistratus</i> Hill lotus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	2	2	2	2	2	2	2	.	.	.	.	.	.	2	.	2	
<i>Lotus micranthus</i> Small-flower lotus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	2	.	.	.	.	2	2	2	.	2	.	.	.	.	.	.	.		
<i>Lotus purshianus</i> Spanish clover	.	2	.	2	.	6	2	.	.	.	4	.	.	6	2	2	2	2	2	6	.	6	6	2	.	2	.	.	2	2	2	2	2	2	.	.	.	.	.	.	.	2	2	.	.	
<i>Lotus subpinnatus</i> Calf lotus	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	2	2	2	2	2	2	2	.	2	.	.	.	.	2	.
<i>Luetkea pectinata</i> Partridge foot	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Lupinus</i> spp. (Herbaceous perennial) Perennial lupine	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	.	4	.	4	4	6	.	2	2	.	.	.	.	.	.	.	2	2	.		
<i>Lupinus adsurgens</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	4	4	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Lupinus albicaulis</i> Sickle-keel lupine	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.
<i>Lupinus andersonii</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Lupinus arbustus silvicola</i>	.	.	2	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Lupinus benthamii</i> Bentham lupine	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	
<i>Lupinus bicolor</i> s. Bicolor annual lupine	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	.	.	.	.	.	2	2	.	.	.	.	.	2	2	2	2	.	.	.	.	.	.		
<i>Lupinus caudatus</i>	.	.	.	2	.	.	4	.	4	.	.	.	.	.	.	6	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Lupinus congdonii</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	
<i>Lupinus densiflorus lacteus</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																								

Legend: 1 = SV map; 2 = SV plot; 3 = 2 and 1; 4 = Griffin plot; 5 = 4 and 1; 6 = 4 and 2; 7 = 4, 2, and 1.
Footnotes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

[illegible]

Legend: 1 = SV map; 2 = SV plot; 3 = 2 and 1; 4 = Griffin plot; 5 = 4 and 1; 6 = 4 and 2; 7 = 4, 2, and 1.
Footnotes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

		Quadrangle of occurrence																																																
Scientific name	Common name	15C-1	15C-3	15C-4	15B-1	15B-2	15B-3	15D-3	15D-4	16C-2	16C-3	21B-1	21B-2	21B-3	21B-4	21C-1	21C-2	21C-3	21C-4	22A-1	22A-2	22A-3	22A-4	22B-1	22B-2	22B-3	22B-4	22C-1	22C-2	22C-3	22C-4	22D-1	22D-2	22D-3	22D-4	23A-4	23D-1	23D-2	23D-3	23D-4	32A-1	32A-2	33A-2	33B-1	33B-2					
<i>Microseris nutans</i>	Perennial nodding microseris	.	.	.	4	.	.	4	.	4	4	4	4	4	6	4	2	6	4	.	6	4	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Microsteris gracilis</i>	Microsteris	.	.	2	6	2	.	.	4	.	.	4	.	.	4	4	.	.	4	4	.	2	4	2	2	.	2	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.		
<i>Microsteris gracilis humilis</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
<i>Mimulus bicolor</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4			
<i>Mimulus douglasii</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
<i>Mimulus guttatus</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
<i>Mimulus layneae</i>		.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.				
<i>Mimulus nephticus</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
<i>Mimulus moschatus</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Mimulus primuloides</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Mimulus pulsiferae</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4			
<i>Mimulus torreyi</i>		.	.	2	6	.	.	.	.	.	.	4	4	4	.	6	6	2	2	2	6	2	6	4	6	6	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	2	.	.	.	.	.		
<i>Mitella trifida</i>		.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
<i>Monardella lanceolata</i>	Mustang-mint	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Monardella odoratissima</i>	Mountain monardella	.	2	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
<i>Monardella odoratissima glauca</i>		.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
<i>Monardella odoratissima pallida</i>		.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
<i>Monardella villosa sheldonii</i>	Coyote-mint	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Montia perfoliata</i>	Miners lettuce	2	.	2	2	6	2	.	4	4	.	4	.	4	6	2	6	2	6	2	6	2	6	6	.	4	2	.	4	2	2	.	6	.	.	.	.	.	.	.	.	.	.	.	.	.	.			
<i>Muhlenbergia filiformis</i>	Slender muhly	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Muhlenbergia jonesii</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Nama lobbi</i>	Woolly nama	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Navarretia</i> spp.	Navarretia	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	2	2	2	2	2	2	2	2	2	2		
<i>Navarretia divaricata</i>	Mountain navarrettia	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Navarretia divaricata vividior</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Navarretia filicaulis</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Navarretia heterandra</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Navarretia intertexta</i>	Needle-leaf navarretia	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Navarretia leucocephala</i>		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Navarretia pubescens</i>	Downy navarretia	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Navarretia tangetina</i>	Navarretia	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Nemophila heterophylla</i>	White nemophila	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Nemophila pedunculata</i>	Meadow nemophila	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Odontostomum hartwegii</i>	Odontostomum	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.																									

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Table 1 (Continued). Plant species of eastern Shasta County, California

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Quadrangle of occurrence

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<i>Phyllodoce empetrifomis</i> Pink mountain heather	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Picea engelmannii</i> Englemann spruce	.	.	.	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Pinus albicaulis</i> Whitebark pine	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Pinus attenuata</i> Knobcone pine	3	1	.	1	.	b/	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	5	1	.	.	.	.	.	.	1	2	.	.	.	.	.	.	.	.	.	.		
<i>Pinus contorta murrayana</i> (<i>P. murrayana</i>) Lodgepole pine	1	1	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	1	.	2	3	.	.	.	.	4	3	2	4	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Pinus jeffreyi</i> Jeffrey pine	.	.	.	1	.	.	4	4	4	.	4	4	.	.	.	.	.	1	3	.	1	3	.	.	.	1	3	.	4	7	7	4	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Pinus lambertiana</i> Sugar pine	3	3	3	3	7	3	.	.	.	.	.	.	.	.	.	.	.	1	7	3	7	3	7	7	7	3	7	7	.	7	7	.	2	.	.	.	.	.	.	.	.	3	3	7		
<i>Pinus monticola</i> Western white pine	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	3	.	.	.	1	3	.	4	7	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Pinus ponderosa</i> Ponderosa pine	1	3	3	3	3	7	3	q/	.	4	4	4	.	4	4	.	.	7	7	3	7	3	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	7	
<i>Pinus sabiniana</i> Digger pine	.	.	.	.	.	.	5	4	4	4	4	4	.	.	.	.	.	7	.	4	5	7	.	7	7	7	7	.	.	.	.	3	2	2	2	6	3	1	.	7	7	.	.	.		
<i>Pityrogramma triangularis</i> Goldenback fern	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	2	.	.	2	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.		
<i>Plagiobothrys</i> spp. Popcorn flower	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	2	2	2	.	.	2	.	.	.	.	2	.	.	.	2	.	2	2	.	2	2	
<i>Plagiobothrys fulvus campestris</i> Common popcorn flower	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.		
<i>Plagiobothrys greenii</i> <i>Plagiobothrys nothofulvus</i> Rusty popcorn flower	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.		
<i>Plagiobothrys shastensis</i> <i>Plagiobothrys tenellus</i> <i>Plantago hookeriana californica</i> Foothill plantain	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	2	.	2	.	.	.		
<i>Plantago lanceolata</i> Rib-grass	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	2	2	.	2	2	.	2	2	.	2	.	2	.	2	.	2	.	2	.	2	.	.	.			
<i>Plantago major</i> Common plantain	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Plantanus racemosa</i> Western sycamore	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	
<i>Plectritis macrocera</i> <i>Poa annua</i> Annual bluegrass	.	.	2	.	4	2	.	4	.	4	.	.	.	.	.	.	.	4	2	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.
<i>Poa bolanderi</i> Bolander bluegrass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Poa bolanderi howellii</i> Howell bluegrass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Poa bulboaa</i> Bulbous bluegrass	.	.	.	.	.	6	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Poa compressa</i> Canada bluegrass	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.
<i>Poa palustris</i> Fowl bluegrass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	2	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Poa pratensis</i> Kentucky bluegrass	.	.	.	.	2	2	.	.	.	.	.	.	.	.	4	.	.	2	2	2	.	.	.	2	.	.	4	.	2	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Poa sandbergii</i> (<i>P. secunda</i>) Sandberg bluegrass	.	.	2	.	2	.	4	.	4	.	4	.	.	.	.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

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Quadrangle of occurrence

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<i>Quercus douglasii</i> Blue oak	.	.	.	5	4	4	.	.	.	.	.	.	.	7	.	.	.	1	3	3	3	3	.	.	3	2	2	2	2	3	3	.	3	2	2	2	3	3	.	3	3	7	.		
<i>Quercus dumosa</i> California scrub oak	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Quercus garryana</i> Oregon oak, garry oak	1	3	3	7	3	b/	4	.	.	.	.	.	.	7	7	1	1	1	3	1	1	1	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Quercus garryana breweri</i> Brewer oak	3	1	1	1	1	b/	.	.	.	.	.	.	.	1	4	1	1	1	1	3	1	1	3	3	.	.	1	2	.	2	3	.	1	7	.	.	.	.	.	.	.	.	.		
<i>Quercus kelloggii</i> California black oak	3	3	3	3	7	3	b/	4	.	4	.	.	.	7	3	7	7	3	7	7	7	7	7	7	7	3	7	.	3	2	2	.	6	3	.	3	3	7	.	.	.	.	.		
<i>Quercus kelloggii cibata</i> Shrub California black oak	1	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	1	1	.	1	3	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Quercus lobata</i> Valley oak	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	1	1	.	.	1	.	2	1	1	.	3	.	.	.	.	.	.	.	.			
<i>Quercus x morehus</i> Oracle oak	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Quercus vaccinifolia</i> Huckleberry oak	1	3	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	2	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Quercus wislizenii</i> Interior live oak	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	3	.	.	1	2	2	2	6	3	3	.	1	7	.	.	.			
<i>Quercus wislizenii frutescens</i> Shrub interior live oak	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	3	.	.	1	2	.	2	1	.	3	3	.	.	.	.	.			
<i>Ranunculus hebecarpus</i> Slender annual buttercup	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Ranunculus muricatus</i> Prickle-fruit buttercup	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Ranunculus occidentalis eisenii</i> Western buttercup	.	.	2	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	6	6	2	.	2	2	.	2	6	6	2	.	2	.	2	2	2	2	2	2	2	2	2	2	4	.	
<i>Ranunculus occidentalis ultramontanus</i>	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Raphanus sativus</i> Wild radish	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Rhamnus californica tomentella</i> Chaparral coffeeberry	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	7	.	.	1	.	2	6	1	1	.	2	7	.	.	.			
<i>Rhamnus crocea ilicifolia</i> Hollyleaf redberry	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	2	.	7	.	.	2	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Rhamnus purshiana</i> Cascara sagrada	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Rhamnus rubra</i> Sierra coffeeberry	.	2	1	2	4	2	.	4	.	4	.	.	.	.	.	.	.	.	6	6	2	4	3	7	2	3	.	6	6	.	4	4	.	2	.	1	.	2	2	4	.	.			
<i>Rhododendron occidentale</i> Western azalea	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	1	1	.	.	v/	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Rhus diversiloba</i> Pacific poison-oak	.	2	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	4	6	1	4	2	3	7	2	3	7	7	3	.	.	3	2	2	2	6	3	3	2	3	7	.		
<i>Rhus trilobata quinata</i> Common squaw bush	.	3	3	7	3	b/	4	.	.	.	.	.	.	.	.	.	.	.	7	7	.	3	.	2	.	2	1	3	.	.	.	2	.	3	.	.	.	.	.	.	.	.	.	.	
<i>Ribes spp. w/</i> Gooseberry, currant	1	1	2	1	3	2	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	.	2	2	3	1	2	3	.	2	3	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Ribes cereum</i> Squaw currant	.	.	.	.	.	.	4	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Ribes nevadense</i> Sierra currant	2	3	.	2	5	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Ribes roezlii</i> Sierra gooseberry	2	3	.	2	6	.	.	.	.	.	.	.	.	.	.	.	.	.	4	2	.	2	2	4	4	6	.	4	5	4	4	4	.	.	.	.	.	.	.	.	.	.			
<i>Riglopappus leptocladus</i> Riglopappus	.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	2	.	2	.	.	.	.	.	.	.	.	.	2	2	2	.	.	.	.	.	.		
<i>Rosa californica</i> California wild rose	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	1	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Rosa gymnocarpa</i> Wood rose	2	2	.	2	6	2	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	6	6	6	2	4	2	2	6	.	.	.	.	.	.	.	.	.	.	.	.	.		

Legend: 1 = SV map; 2 = SV plot; 3 = 2 and 1; 4 = Griffin plot; 5 = 4 and 1; 6 = 4 and 2; 7 = 4, 2, and 1.
Footnotes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

		Quadrangle of occurrence																																											
Scientific name	Common name	15C-1	15C-3	15C-4	15D-1	15D-2	15D-3	16C-2	16C-3	21B-1	21B-2	21B-3	21B-4	21C-1	21C-2	21C-3	21C-4	22A-1	22A-2	22A-3	22A-4	22B-1	22B-2	22B-3	22B-4	22C-1	22C-2	22C-3	22C-4	22D-1	22D-2	22D-3	22D-4	23A-1	23D-1	23D-2	23D-3	23D-4	32A-1	32A-2	33A-1	33B-2			
Rubus spp.																																													
	Blackberry, raspberry	.	.	2	1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	2	1	1	1	2	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	1	2	.	.	.	.
Rubus	laciniatus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Cutleaf blackberry	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
Rubus	leucodermis	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Western raspberry	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Robus	parviflorus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Western thimbleberry	.	.	.	2	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rubus	procerus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Himalayaberry	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rubus	ursinus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	California blackberry	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rumex	acetosella	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Sheep-sorrel	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rumex	crispus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Curly dock	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Rumex	pulcher	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Fiddle dock	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Salix spp.		.	1	1	1	.	.	.	.	.	.	.	.	.	.	.	.	1	1	1	2	1	1	3	1	1	3	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
	Willow	.	1	1	1	.	.	.	.	.	.	.	.	.	.	.	.	1	1	1	2	1	1	3	1	1	3	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Salix	scouleriana	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Nuttall willow	1	3	3	7	.	.	.	.	.	.	.	.	.	.	.	.	1	.	3	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Salvia	sonomensis	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Creeping sage	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sambucus	caerulea	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Mountain blue elderberry	2	.	.	4	.	.	4	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	2	.	.	4	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sanicula spp.		.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Sanicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sanicula	bipinnata	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Poison sanicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sanicula	bipinnatifida	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Purple sanicle	.	2	.	.	6	.	.	.	.	.	.	.	.	.	.	6	2	2	.	.	2	6	.	.	6	6	2	.	.	.	2	2	2	2	2	.	.	2	.	2	.	.	.	
Sanicula	crassicaulis	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Gamble weed	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sanicula	graveolens	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sanicula	tuberosa	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Tuberous sanicle	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Sarcodes	sanguinea	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Snow plant	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Scleranthus	annuus	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Scleranthus	.	.	.	.	2	2	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
Scribneria	bolanderi	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Scribneria	.	.	.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Scutellaria	antirrhinoides	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	4	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
	Scutellaria austinae	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Scutellaria	nana	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
Scutellaria	tuberosa	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
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Senecio	aronicoides	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.					

Legend: 1 = SV map; 2 = SV plot; 3 = 2 and 1; 4 = Griffin plot; 5 = 4 and 1; 6 = 4 and 2; 7 = 4, 2, and 1.
Footnotes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

Quadrangle of occurrence

Scientific name Common name	150-1	150-3	150-4	150-1	150-2	150-3	150-4	160-2	160-3	210-1	210-2	210-3	210-4	210-1	210-2	210-3	210-4	220-1	220-2	220-3	220-4	230-1	230-2	230-3	230-4	320-1	320-2	330-1	330-2	
<i>Silene bridgesii</i> Bridges campion	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	6	.	.	.	2	.	.	.	.	.	2	
<i>Silene californica</i> Californian scarlet campion	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	
<i>Silene gallica</i> Windmill pink	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	.	2		
<i>Silene lemmonii</i> Lemmon campion	2	.	2	.	.	.	.	.	.	.	.	.	.	2	2	.	6	.	.	4	.	.	.	.	.	.	.	.	.	
<i>Silene occidentalis</i>	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Sisymbrium altissimum</i> Tumble mustard	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	
<i>Sisymbrium officinale</i> Hedge mustard	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	2	2	2	2	2	.	2	
<i>Sisyrinchium bellum</i> Blue-eyed grass	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	2	.	.	.	.	.	
<i>Sitanion hystrix</i> Squirreltail	.	.	2	6	2	.	4	.	.	4	4	.	6	6	2	2	6	2	6	6	6	4	2	4	2	2	4	2	2	6
<i>Sitanion jubatum</i> Big squirreltail	.	2	.	.	.	.	.	.	.	.	.	.	6	.	.	2	.	2	.	.	.	2	2	.	2	.	2	.	2	
<i>Smilacina racemosa amplexicaulis</i> Fat solomon	2	2	2	2	6	2	.	.	.	.	.	.	.	2	2	6	4	2	.	2	6	6	.	.	.	.	.	2	2	
<i>Smilax californica</i> Greenbrier	.	.	.	4	.	.	.	.	.	.	.	.	4	.	.	2	.	.	6	.	.	.	2	4	.	.	.	.	4	
<i>Solanum parishii</i> California goldenrod	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	2	6	2	.	.	.	.	.	.	.	.	
<i>Sorbus scopulina</i> Mountain ash	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Spiraea douglasii</i> Douglas spiraea	.	3	1	1	.	.	.	.	.	.	.	.	.	1	2	.	1	4	.	1	.	.	.	.	.	.	.	.	.	
<i>Stellaria jamesiana</i> Sticky starwort	2	2	2	4	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Stellaria media</i> Common chickweed	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Stellaria nitens</i> Smooth chickweed	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Stephanomeria lactucina</i> Forest stephanomeria	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	4	2	4	.	4	6	.	.	.	.	.	.	.	
<i>Stephanomeria paniculata</i>	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Stipa californica</i> California stipa	.	2	2	2	2	.	.	.	4	4	.	2	2	2	2	6	2	2	6	2	2	6	6	4	.	.	.	.	2	6
<i>Stipa elmeri</i> Elmer stipa	.	.	.	4	.	.	.	.	.	4	.	.	6	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	
<i>Stipa lemmonii</i> Lemmon stipa	.	2	2	2	2	.	4	4	.	.	.	6	2	2	.	2	6	2	2	6	6	2	.	2	2	2	4	2	.	6
<i>Stipa lettermanii</i> Letterman stipa	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	
<i>Stipa occidentalis</i> Western stipa	.	.	.	4	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	
<i>Stipa pulchra</i> Purple stipa	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	.	2	
<i>Stipa stillmanii</i> Stillman stipa	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	4	2	.	6	2	6	.	.	.	.	.	.	.	
<i>Stipa thurberiana</i> Thurber stipa	.	2	.	.	.	.	4	4	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Streptanthus tortuosus</i>	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	

Legend: 1 = SV map; 2 = SV plot; 3 = 2 and 1; 4 = Griffin plot; 5 = 4 and 1; 6 = 4 and 2; 7 = 4, 2, and 1.
 Notes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

Scientific name Common name	Quadrangle of occurrence																							
	15C-1	15C-3	15C-4	15D-1	15D-2	15D-3	15D-4	16C-2	16C-3	21B-1	21B-2	21B-3	21B-4	21C-1	21C-2	21C-3	21C-4	22A-1	22A-2	22A-3	22A-4	22B-1	22B-2	22B-3
<i>Styrax officinalis californica</i> California storax	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1	.	.	.	.	2
<i>Symphoricarpos acutus</i> Spreading snowberry	3	1	3	3	3	7	3	.	.	.	.	4	.	.	.	.	.	6	3	6	3	7	7	7
<i>Symphoricarpos rivularis</i> Common snowberry	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	3	.	4
<i>Symphoricarpos vaccinoides</i> Mountain snowberry	.	.	.	.	.	b/	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Taeniatherum asperum</i> (<i>Elymus caput-medusae</i>) Medusahead	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	2	2	.
<i>Taraxacum officinale</i> Common dandelion	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Tauschia hartwegii</i> Tauschia	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
<i>Taxus brevifolia</i> Pacific yew	1	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	4	5	.	1	7	.
<i>Thalictrum</i> spp. Meadow rue	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.
<i>Thermopsis argentata</i> Silver false-lupine	.	.	.	.	6	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.
<i>Thysanocarpus curvipes</i> Fringe pod	.	.	.	.	6	2	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.
<i>Thysanocarpus curvipes elegans</i> Lace pod	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.
<i>Thysanocarpus radians</i> Fringe pod	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
<i>Torilis arvensis</i> Field hedge parsley	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	2
<i>Torilis japonica</i> Japanese hedge parsley	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.
<i>Torilis nodosa</i> Knotted hedge parsley	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2
<i>Torreya californica</i> California nutmeg	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
<i>Trichostema lanceolatum</i> Vinegar weed	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2
<i>Trichostema oblongum</i>	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Trichostema simulatum</i> Siskiyou blue-curls	.	.	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	.	.	.
<i>Trientalis latifolia</i> Star flower	.	2	.	.	4	2	.	.	.	.	.	.	.	.	.	.	.	.	2	6	6	6	6	2
<i>Trifolium albopurpureum</i> Rancheria clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	.	2
<i>Trifolium bifidum</i> Pinole clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	.	.	2
<i>Trifolium breweri</i> Forest clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	2	.
<i>Trifolium ciliolatum</i> Tree clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	.	2
<i>Trifolium cyathiferum</i> Bowl clover	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.
<i>Trifolium depauperatum</i> Dwarf sac clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2
<i>Trifolium dubium</i> Shamrock clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	2	2
<i>Trifolium eriocephalum</i>	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.
<i>Trifolium gracilentum</i> Pin-point clover	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2

Legend: 1 = SV map; 2 = SV plot; 3 = 2 and 1; 4 = Griffin plot; 5 = 4 and 1; 6 = 4 and 2; 7 = 4, 2, and 1.
Footnotes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

Quadrangle of occurrence

Scientific name Common name	15C-1	15C-3	15C-4	15D-1	15D-2	15D-3	15D-4	16C-2	16C-3	21B-1	21B-2	21B-3	21B-4	21C-1	21C-2	21C-3	21C-4	22A-1	22A-2	22A-3	22A-4	22B-1	22B-2	22B-3	22B-4	22C-1	22C-2	22C-3	22C-4	22D-1	22D-2	22D-3	22D-4	23A-4	23D-1	23D-2	23D-3	23D-4	32A-1	32A-2	33A-2	33B-1	33B-2		
<i>Trifolium hirtum</i> Rose clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	.	.	2	2	2	2	.	.	.	.	.	.	.	2	
<i>Trifolium longipes</i> Summer clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Trifolium microcephalum</i> Maiden clover	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	.	.	.	2	2	2	2	2	2	2	2	2	2	2	2	2	
<i>Trifolium olivaceum columbinum</i> Dove clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
<i>Trifolium repens</i> White clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Trifolium spinulosum</i> Mountain clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Trifolium subterraneum</i> Sub clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	2	.	2	.	2	.	2	.	2	.	2	.	2		
<i>Trifolium tridentatum</i> ✓/ Tomcat clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	.	.	2	2	2	2	2	2	2	2	2	2	2	2	2	2	
<i>Trifolium variegatum</i> White-tip clover	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	2	2	2	2	2	2	2	2	2	2	2	2	2	2
<i>Trillium chloropetalum</i> Common trillium	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	
<i>Trillium ovatum</i> Western trillium	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Trisetum cernuum canescens</i> Tall trisetum	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	4	6	4	6	.	6	2	.	6	6	.	.	.	.	.	.	.	.	.	.	.	.	.	4	
<i>Triticum aestivum</i> Wheat	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Tsuga mertensiana</i> Mountain hemlock	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Typha latifolia</i> Common cattail	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	
<i>Umbellularia californica</i> Shrub California laurel	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	1
<i>Umbellularia californica</i> California laurel, bay tree	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.	.	.	4	1	.	.	.	.	.	.	1	3	
<i>Veratrum insolitum</i> Siskiyou false hellebore	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Verbascum blattaria</i> Moth mullein	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Verbascum thapsus</i> Common mullein	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	2	2	2	.	2	2	2	.	2	2	2	.	.	.	2	.	2	.	2	.	2	.	2		
<i>Vicia americana oregana</i> American vetch	2	2	2	2	2	2	.	.	.	.	.	.	.	.	.	2	.	.	6	2	6	2	2	.	.	.	.	.	.	.	4	.	.	.	.	.	.	.	.	.	.	.	2	6	
<i>Vicia americana oregana truncata</i> American vetch	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Vicia benghalensis</i> Purple vetch	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	.	.	.	.	.	.	.		
<i>Vicia californica</i> California vetch	.	.	2	6	.	.	4	.	.	4	.	6	6	2	.	2	4	.	2	6	4	4	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	2	.	2	4	.	.	.	
<i>Vicia dasycarpa</i> Woolypod vetch	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	2	.	.	.	.	.	
<i>Vicia sativa</i> Pubescent common vetch	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.		
<i>Viola bakeri</i> Baker violet	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	4	.	.	.	2	.	.	2	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.		
<i>Viola beckwithii</i> <i>Viola douglasii</i>	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	
<i>Viola lobata</i> Pine violet	.	2	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	2	2	2	2	.	.	.	2	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	

Legend: 1 = SV map; 2 = SV plot; 3 = 2 and 1; 4 = Griffin plot; 5 = 4 and 1; 6 = 4 and 2; 7 = 4, 2, and 1.
Footnotes and detailed legend are at end of table.

Table 1 (Continued). Plant species of eastern Shasta County, California

Quadrangle of occurrence

Scientific name Common name	15C-1	15C-3	15C-4	15D-1	15D-2	15D-3	15D-4	16C-2	16C-3	21B-1	21B-2	21B-3	21B-4	21C-1	21C-2	21C-3	21C-4	22A-1	22A-2	22A-3	22A-4	22B-1	22B-2	22B-3	22B-4	22C-1	22C-2	22C-3	22C-4	22D-1	22D-2	22D-3	22D-4	23A-4	23D-1	23D-2	23D-3	23D-4	32A-1	32A-2	33A-2	33B-1	33B-2	
<i>Viola lobata integrifolia</i> Pine violet		2	2		4														2	2	6	6	6	6	6	6	6	6	6	6	2				6							2	2	6
<i>Viola ocellata</i>																																			6									
<i>Viola purpurea</i> Mountain violet				2	2	4	2	b/		4	4	4	4			6	6	2	2	2	4	2	4	6	6	4																2	4	
<i>Viola sheltonii</i> Shelton violet	2															6										2																		
<i>Vitis californica</i> California wild grape																											1	1							2		2							
<i>Whitneya dealbata</i> Whitneya																			2												2	2									2			
<i>Woodwardia fimbriata</i> Chain fern																																												1
<i>Wyethia angustifolia</i> Narrow-leaf mule ears																											2										2	2						
<i>Wyethia mollis</i> Woolly mule ears						4				4	4	4	4			6	6										2																2	
<i>Zigadenus fremontii</i> Star-lily																																				2		2						
<i>Zigadenus paniculatus</i> Sand-corn						4												4	4																									
<i>Zigadenus venenosus</i> Death-camas																				2																								

Legend

Numbers 1 through 7 in the body of the table signify the presence of a species in the 7.5-minute quadrangle indicated according to the following records:

1. Species is listed in the legend of the Soil-Vegetation map as shown in one or more delineated types on the Soil-Vegetation map. Minimum type size is 10 acres. To be mapped in a type, a species must occupy a minimum of 5 percent of ground space measured by projection of the crowns.
2. Species is listed in the legend of Soil-Vegetation map as occurring on one or more type-acre plots shown on the Soil-Vegetation map. All recognizable species are recorded on these plots.
3. Combines 1 and 2.
4. Species is listed as occurring on one or more of Griffin's (1967) study plots.
5. Combines 4 and 1.
6. Combines 4 and 2.
7. Combines 4, 2, and 1.

Footnotes

- a/ Species noted by Kuijt (1960).
- b/ Species noted by Stone (1965) in the vicinity of Timbered Crater stand of Cupressus bakeri bakeri.
- c/ Noted near Viola by Sprague (1962).
- d/ Noted in this area by McMinn (1951).
- e/ Much of Shasta County material may be var. shastensis but was not separated on Soil-Vegetation Survey records.
- f/ Rare in Shasta County south and east of Pit River; scattered trees in 22B-2 along Cove Road and in 22C-1 along road between Kilarc Power House and Kilarc Reservoir.
- g/ Shown on S-V records with symbol "Amx" and described but not named by Mallory et al. (1965a). Present name by Wells (1968). This taxon may be closer to A. patula than to A. manzanita, but chromosome counts will be needed.
- h/ A few individuals observed near McCumber Dam appear to be at the highest elevation (about 4,000 feet) for this new taxon.

Footnotes (Continued)

- i/ Name by Wells (1968); referred to as A. parryana var. pinetorum on S-V records (symbol "App"), and as A. obtusifolia in Griffin (1967).
- j/ Typical plants to 6 feet tall in chaparral; in mixed conifer forest, plants are shorter, leaves flatter, marginal teeth smaller, suggesting morphological intermediates with B. pumila.
- k/ May include var. scabra.
- l/ Occasional along streams at lower elevations.
- m/ Includes some specimens earlier called G. nuttallii, but these have not been reviewed with the new key in Munz (1968).
- n/ Subspecies mostly not differentiated.
- o/ Scattered individuals on Latour Butte (Lookout).
- p/ Includes individuals that may be var. purdiformis.
- q/ Along Highway 299 about a mile west of Hatchet Mountain summit.
- r/ Scattered trees up to 50 feet tall on north-facing slopes in canyon bottoms north of Hillcrest between Hatchet and Roaring Creeks (22B-1, 22B-2, 22B-3) and southwest of Sugar Pine Mountain along Clover Creek (22C-1).
- s/ Subspecies not differentiated.
- t/ Many shrubs on rocky volcanic ledges on east side may be var. melanocarpa.
- u/ On Hat Creek rim (21B-3) only the Q. kelloggii parent is present (Griffin, 1966).
- v/ Occasional along streams.
- w/ Much of this is R. roezlii.
- x/ Sheltered canyon bottoms along Bailey Creek and North Fork of Battle Creek; may be extreme northern end of range.
- y/ May be mostly var. aciculare.
- z/ One of five species collected from a uniformly very shallow 35-acre lake that usually dries by midsummer (5 mi SSW of Burney in 22A-3).
- aa/ Includes B. diandrus.

Table 2. Plant families and genera of eastern Shasta County, California

ACERACEAE

Acer

AMARYLLIDACEAE

Allium

Brodiaea

AMMIACEAE

Angelica

Caucalis

Daucus

Eryngium

Ligusticum

Lomatium

Osmorhiza

Perideridia

Sanicula

Tauschia

Torilis

ANACARDIACEAE

Rhus

APOCYNACEAE

Apocynum

ARALIACEAE

Aralia

ARISTOLOCHIACEAE

Aristolochia

Asarum

ASCLEPIADACEAE

Asclepias

ASPIDIACEAE

Athyrium

Cystopteris

Polystichum

ASTERACEAE

Achillea

Achyrrachaena

Adenocaulon

Agoseris

Anaphalis

Antennaria

Anthemis

Arnica

Artemisia

Aster

Balsamorhiza

Blepharipappus

Calycadenia

Centaurea

Chaenactis

Chrysanthemum

Chrysothamnus

Cirsium

Crepis

Crocidium

Erigeron

Eriophyllum

Filago

Gnaphalium

Grindelia

Haplopappus

Helianthella

Hemizonia

Hieracium

Hypochoeris

Lactuca

Lagophylla

Lasthenia (Baeria)

Layia

Lessingia

Machaeranthera

Madia

Micropus

Microseris

Rigiopappus

Senecio

Solidago

Stephanomeria

Taraxacum

Whitneya

Wyethia

Table 2. Plant families and genera of eastern Shasta County, California (Continued)

BERBERIDACEAE

Berberis

BETULACEAE

Alnus

Corylus

BLECHNACEAE

Woodwardia

BORAGINACEAE

Amsinckia

Cryptantha

Cynoglossum

Hackelia

Lithospermum

Pectocarya

Plagiobothrys

BRASSICACEAE

Alyssum

Arabis

Athysanus

Barbarea

Brassica

Capsella

Cardaria

Dentaria

Descurainia

Draba

Erysimum

Lepidium

Raphanus

Sisymbrium

Streptanthus

Thysanocarpus

CALYCANTHACEAE

Calycanthus

CAMPANULACEAE

Capanula

Downingia

Githopsis

CAPRIFOLIACEAE

Linnaea

Lonicera

Sambucus

Symphoricarpos

CARYOPHYLLACEAE

Arenaria

Cerastium

Kohlrauschia (Tunica) Stellaria

Scleranthus

Silene

CELASTRACEAE

Paxistima

COMPOSITAE (See ASTERACEAE)

CONVOLVULACEAE

Calystegia

Convolvulus

Table 2. Plant families and genera of eastern Shasta County, California (Continued)

CORNACEAE

Cornus

CRASSULACEAE

Parvisedum

CRUCIFERAE (See BRASSICACEAE)

CUCURBITACEAE

Marah

CUPRESSACEAE

Calocedrus (Libocedrus)

Cupressus

Juniperus

CUSCUTACEAE

Cuscuta

CYPERACEAE

Carex

Eleocharis

EQUISETACEAE

Equisetum

ERICACEAE

Arbutus

Arctostaphylos

Ledum

Phyllodoce

Rhododendron

EUPHORBIACEAE

Eremocarpus

Euphorbia

FABACEAE

Astragalus

Cercis

Lathyrus

Lotus

Lupinus

Medicago

Thermopsis

Trifolium

Vicia

FAGACEAE

Chrysolepis (Castanopsis)

Lithocarpus

Quercus

FUMARIACEAE

Corydalis

Dicentra

Table 2. Plant families and genera of eastern Shasta County, California (Continued)

GARRYACEAE

Garrya

GENTIANACEAE

Centaurium
Frasera

GERANIACEAE

Erodium
Geranium

GRAMINEAE (See POACEAE)

HIPPOCASTANACEAE

Aesculus

HYDROPHYLLACEAE

Eriodictyon	Nama
Hesperochiron	Nemophila
Hydrophyllum	Phacelia

HYPERICACEAE

Hypericum

IRIDACEAE

Iris
Sisyrinchium

ISOETACEAE

Isoetes

JUNCACEAE

Juncus
Luzula

LABIATAE (See LAMIACEAE)

LAMIACEAE

Marrubium	Salvia
Monardella	Scutellaria
Pogogyne	Trichostema
Prunella	

LAURACEAE

Umbellularia

LEGUMINOSAE (See FABACEAE)

Table 2. Plant families and genera of eastern Shasta County, California (Continued)

LILIACEAE

Calochortus
Chlorogalum
Clintonia
Disporum

Fritillaria
Lilium
Odontostomum
Smilacina

Smilax
Trillium
Veratrum
Zigadenus

LIMNANTHACEAE

Limnanthes

LINACEAE

Linum

LOASACEAE

Mentzelia

LORANTHACEAE

Arceuthobium
Phoradendron

LYTHRACEAE

Lythrum

MALVACEAE

Sidalcea

OLEACEAE

Fraxinus

ONAGRACEAE

Boisduvalia
Clarkia
Epilobium

Gayophytum
Oenothera

ORCHIDACEAE

Corallorhiza
Eburnophyton

Goodyera
Habenaria

PAEONIACEAE

Paeonia

PAPAVERACEAE

Argemone
Eschscholzia

PINACEAE

Abies
Picea
Pinus

Pseudotsuga
Tsuga

Table 2. Plant families and genera of eastern Shasta County, California (Continued)

PLANTAGINACEAE

Plantago

PLATANACEAE

Platanus

POACEAE

Agropyron
Agrostis
Aira
Alopecurus
Aristida
Avena
Briza
Bromus
Cynodon
Cynosurus
Dactylis
Danthonia

Deschampsia
Elymus
Festuca
Gastridium
Holcus
Hordeum
Koeleria
Lolium
Melica
Muhlenbergia
Oryzopsis
Panicum

Phalaris
Phleum
Poa
Scribneria
Secale
Sitanion
Stipa
Taeniatherum
Trisetum
Triticum

POLEMONIACEAE

Allophyllum
Collomia
Gilia

Ipomopsis
Leptodactylon
Linanthus

Microsteris
Navarretia
Phlox

POLYGALACEAE

Polygala

POLYGONACEAE

Chorizanthe
Eriogonum

Polygonum
Rumex

POLYPODIACEAE

Polypodium

PORTULACACEAE

Calyptridium
Montia

PRIMULACEAE

Anagallis
Dodecatheon
Trientalis

Table 2. Plant families and genera of eastern Shasta County, California (Continued)

PTERIDACEAE

Adiantum	Pellaea
Cheilanthes	Pityrogramma
Onychium	Pteridium

PYROLACEAE

Chimaphila	Pyrola
Pterospora	Sarcodes

RANUNCULACEAE

Aconitum	Clematis
Actaea	Delphinium
Anemone	Ranunculus
Aquilegia	Thalictrum

Rhamnaceae

Ceanothus
Rhamnus

ROSACEAE

Adenostoma	Holodiscus	Prunus
Amelanchier	Horkelia	Purshia
Cercocarpus	Luetkea	Rosa
Chamaebatia	Osmaronia	Rubus
Chamaebatiaria	Peraphyllum	Sorbus
Crataegus	Potentilla	Spiraea
Fragaria		

RUBIACEAE

Crucianella	Kelloggia
Galium	Sherardia

RUTACEAE

Ptelea

SALICACEAE

Populus	Salix
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SANTALACEAE

Comandra

SAXIFRAGACEAE

Lithophragma	Peltiphyllum	Ribes
Mitella	Philadelphus	

SCROPHULARIACEAE

Antirrhinum	Gratiola	Pedicularis
Castilleja	Mimulus	Penstemon
Collinsia	Orthocarpus	Verbascum

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