

Summary of 2024-2025 LIS Plant List Changes

Strikeout text is proposed for removal. Underlined text is being added.

	A	B	E	F	G	I	J	K	L	M	N
1	ID #	Scientific Name	Common Name	Family	Growth Form/ Habit	LIS Listed Occurrences in Ventura County	Areas Currently Documented in Ventura County	Associated Vegetation Communities	Elevation	Associated Soil Types	Bloom Period
2	2	<i>Acmispon micranthus</i>	Grab-hosackia	Fabaceae	AH	3	Wheeler Springs 3411953, Santa Paula Peak 3411941, Newbury Park 3411828, Thousand Oaks 3411827, Santa Susana 3411837	Coastal Scrub, Desert- Canyons, Washes, Disturbed- areas	< 600 m	Clay Loam, Loam, Sandy- loam, Variable	Mar-Jul
3	16	<i>Allophylum integrifolium</i>	White false gilia	Polemoniaceae	AH	4	Reyes Peak 3411963, San Guillermo 3411962, Lockwood Valley 3411961, □ Wheeler Springs 3411953, Lion Canyon 3411952	Open, rocky or sandy, generally moist areas	1300-2700 m	Decomposed plant material, Sandy loam, Bedrock	Jun-Aug
4	20	<i>Amaranthus powellii</i>	Powell's amaranth	Amaranthaceae	AH	4	Matilija 3411943, Ventura 3411933, Saticoy 3411932, Oxnard 3411922, Camarillo 3411921, Moorpark 3411838, Piru 3411847	Sagebrush Scrub, Mixed- Evergreen Forest, Valley Grassland, wetland-riparian	< 1600 m	Clay, Silty clay loam, Clay loam, Loam, Sandy loam, Sand, Variable	Jul-Nov
5	32	<i>Aphanes occidentalis</i>	Western lady's mantle	Rosaceae	AH	3	Matilija 3411943, Ojai 3411942, Ventura 3411933, Simi 3411837, □ Newbury Park 3411828, Thousand Oaks 3411827	Mixed Evergreen Forest, Foothill Woodland, Valley Grassland	-30 - 1200 m	Clay, Clay loam, Silt- loam, Loam, Sandy- loam, Leamy- sand, Sand, Bedrock, Vari- able, Decomposed plant material	Mar-May

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1											
6	124	Cyperus odoratus	Flatsedge	Cyperaceae	AG	2	Matilija 3411943, Santa Paula 3411931, 3411923, Newbury Park 3411828, Val Verde 341184, Piru 3411847	wetland riparian, many plant communities	< 500 m	Silt loam, Sandy loam, Sand	Jul-Oct
7	147	Elymus glaucus <u>subsp. glaucus</u>	Western rye grass	Poaceae	PG	4	Rancho Nuevo Creek 3411964, Reyes Peak 3411963, Alamo Mountain 3411868, Wheeler Springs 3411953, Lion Canyon 3411952, Devils Heart Peak 3411858, Matilija 3411943, Ojai 3411942, Santa Paula Peak 3411941, Fillmore 3411848, Piru 3411847, Saticoy 3411932, Simi 3411837, Newbury Park 3411828	Open areas, chaparral, woodland, forest	< 2890 m	Clay, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Decomposed plant material	Jun-Aug

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8	151	<i>Epilobium ciliatum</i> subsp. <u><i>Glandulosum</i></u>	Sticky northern- willowherb	Onagraceae	AH	4	Sawmill Mountain 3411972, Alamo Mountain 3411868, Black Mtn. 3411867, Reyes Peak 3411963, White Ledge Peak 3411944, Oxnard 3411922, 3411923,	Red Fir Forest, Lodgepole Forest, Subalpine Forest, wetland-riparian	< 3500 m	Decomposed plant material, Loam, Sandy loam, Bedrock	Jun-Oct
9	175	<i>Hordeum brachyantherum</i> subsp. <u><i>brachyantherum</i></u>	Northern barley, Meadow barley	Poaceae	AG	2	Lockwood Valley 3411961, Devils Heart Peak 3411858, Santa Paula 3411931, Thousand Oaks 3411827, Point Mugu 3411911	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Foothill Woodland, Chaparral, Valley Grassland, Alpine Fell fields, wetland-riparian, many plant communities	< 3400 m	Clay, Silty clay, Clay- loam, Loam, Sandy loam, Bedrock, Rocky	May-Aug
10	204	<i>Perityle emoryi</i>	Emory's rock daisy	Asteraceae	AH	4	Triunfo Pass 3411818, Point Mugu 3411911	Coastal Sage Scrub, Creosote Bush Scrub	< 1300 m	Decomposed plant material, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Rocky, Variable	Jan-Jun, Oct-Nov
11	<u>231</u>	<u><i>Diplacus bolanderi</i></u>	<u>Bolander's Monkeyflower</u>	<u>Phrymaceae</u>	<u>AH</u>	<u>2</u>	<u>Wheeler Springs 3411953; Lion Canyon 3411952</u>	<u>Granite outcrops, burns, openings in chaparral, disturbed areas</u>	<u>~ 300--1700 m</u>	<u>Loam, Sandy loam, Bedrock</u>	<u>Apr-Jul</u>

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12	<u>232</u>	<u>Layia hieracioides</u>	Hawkweed layia, Tall layia, Tall tidytips	<u>Asteraceae</u>	<u>AH</u>	<u>1</u>	<u>Lion Canyon 3411952</u>	<u>Coastal Sage Scrub, Mixed Evergreen Forest, Foothill Woodland, Chaparral; Open, semi-shady, or disturbed sites, in light soil.</u>	<u>< 1200 m</u>	<u>Decomposed plant material, Clay, Clay loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Rocky</u>	<u>Apr-Jul</u>
13	*See https://rareplants.cnps.org/Home/Glossary#_Toc72398833										
14	<u>Notes:</u> Scientific nomenclature follows the Flora of North America (1993-2011). The most current taxonomy is followed when changes have occurred since publication of the above listed references, as indicated on the Jepson Herbarium's online eFlora pages (http://ucjeps.berkeley.edu/IJM.html). Common names follow Abrams and Ferris (1960), Neihaus and Ripper (1976), and DeGarmo (1980).										
15	<p>Habit definitions:</p> <p>AF = annual fern or fern ally AG = annual grass or graminoid AH = annual herb BH = biennial herb PF = perennial fern or fern ally</p> <p>PG = perennial grass or graminoid PH = perennial herb PV = perennial vine S = shrub T = tree</p>										

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2	1	<i>Abronia turbinata</i>	Turbinate sand- verbena	Nyctaginaceae	A/PH	2	Cuddy Valley 3411971, Lockwood Valley 3411961	Sagebrush Scrub, Creosote Bush Scrub, Pinyon-Juniper Woodland	900-2500 m	Dry, sandy soil. Los Gatos- Kilburn-Panamint families association, 10 to 30 percent slopes;	May-Jul
3	<u>2</u>	<i>Acmispon micranthus</i>	Grab-hosackia	Fabaceae	AH	<u>3</u>	Wheeler Springs 3411953, Santa Paula Peak 3411941, Newbury Park 3411828, Thousand Oaks 3411827, Santa Susana 3411837	Coastal Scrub, Desert Canyons, Washes, Disturbed areas	< 600 m	Clay Loam, Loam, Sandy loam, Variable	Mar-Jul

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4	<u>2</u>	<i>Acmispon parviflorus</i>	Tiny lotus	Fabaceae	AH	2	Sawmill Mountain 3411972, San Guillermo 3411962, Rancho Nuevo Creek 3411964, Wheeler Springs 3411953, Devils Heart Peak 3411858, Oxnard 3411922	Coastal Bluffs, Oak/pine or fir woodland,	< 1300m	Clay Loam, Loam, Sandy loam,Loamy Sand, Bedrock, Rocky, Decomposed plant material	Mar-Jul
5	<u>3</u>	<i>Acmispon tomentosus</i> <i>var. glabriusculus</i>	Heermann lotus	Fabaceae	PH	4	Lion Canyon 3411952, Cuddy Valley 3411972	Washes, Riverbanks, Chaparral	< 2000m	Loam, Sandy loam, Loamy sand, Sand	Mar-Aug

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6	<u>4</u>	<i>Acmispon tomentosus</i> <i>var. tomentosus</i>	Roundleaf heermann lotus or hosackia	Fabaceae	PH	1	Oxnard 3411922, Calabasas 3411826	Coastal Scrub, chaparral,	< 250m	No Referenced Soil Type Found For Species.	Mar-Aug
7	<u>5</u>	<i>Agrostis hallii</i>	Hall's bentgrass	Poaceae	PG	1	Thousand Oaks 3411827	Open oak woodland, conifer forest	< 1800m	Decomposed plant material, Loam, Sandy loam	May-Jul
8	<u>6</u>	<i>Alisma triviale</i>	Northern water plantain	Alismataceae	PH	4	Matilija 3411943, Ventura 3411933	Sagebrush Scrub, Mixed Evergreen Forest, Valley Grassland, wetland-riparian	< 1600	Clay, Silty clay loam, Clay loam, Loam, Sandy loam, Sand, Variable	Jul-Nov

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9	<u>Z</u>	<i>Allium amplexans</i>	Narrowleaf onion	Alliaceae	PG	2	Sawmill Mountain 3411972, Devils Heart Peak 3411858	Yellow Pine Forest, Foothill Woodland	15 to 2400m	Clays including serpentine,	Mar-Jul

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10	<u>8</u>	<i>Allium denticulatum</i>	Dentate fringed onion	Alliaceae	PG	1	Sawmill Mountain 3411972	Dry Slopes	900-1600m	Clay loam, Loam, Sandy loam, Sand	Apr-Jul
11	<u>9</u>	<i>Allium lacunosum var. davisiae</i>	Davis' pitted onion	Alliaceae	PG	1	Cuddy Valley 3411971, Rancho Nuevo Creek 3411964, San Guillermo 3411962, Lockwood Valley 3411961,	Open, sandy slopes, ridges	600-2100m	No Referenced Soil Type Found For Species.	Apr-May
12	<u>10</u>	<i>Allium lacunosum var. lacunosum</i>	Pitted onion	Alliaceae	PG	1	Frazier Mtn. 3411878	Serpentine outcrops on ridges and peaks	50-1000m	Decomposed plant material, Clay, Clay loam, Loam	Apr-Jun

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13	<u>11</u>	<i>Allium monticola</i>	San Bernardino mountain onion	Alliaceae	PG	4	Cobblestone Mtn. 3411857, Topatopa Mountains 3411951	Forest/Woodland. Conifer, Bare rock/talus/scree Forests	1400-3200 m	No Referenced Soil Type Found For Species.	May-Jul
14	<u>12</u>	<i>Allium praecox</i>	Early onion	Alliaceae	PG	4	Lion Canyon 341195, Matilija 3411943, Ojai 3411942	Southern Oak Woodland, Chaparral	800 m	Silt loam, Loam, Sandy loam, Variable	Mar-May
15	<u>13</u>	<i>Allophyllum divaricatum</i>	Divaricate allophyllum, Purple false gilyflower	Polemoniaceae	AH	4	Cuyama Peak 3411974, Lockwood Valley 3411961, Wheeler Springs 3411953, Topatopa Mountains 3411951, White Ledge Peak 3411944,	Sandy areas, chaparral, woodland	300 -1800 m	Decomposed plant material, Silt loam, Loam, Sandy loam	Apr-Jul
16	<u>14</u>	<i>Allophyllum gilioides</i> subsp. <i>gilioides</i>	Straggling gilia	Polemoniaceae	AH	5	Rancho Nuevo Creek 3411964, Reyes Peak 3411963, Alamo Mountain 3411868, Matilija 3411943, Ojai 3411942	Open, sandy, generally damp or grassy areas	200 -1900 m	Decomposed plant material, Silt loam, Loam, Sandy loam	May-Jun

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17	<u>46</u>	<i>Allophyllum integrifolium</i>	White false-gilia	Polemoniaceae	AH	4	Reyes Peak 3411963, San Guillermo 3411962, Lockwood Valley 3411961, Wheeler Springs 3411953, Lion Canyon 3411952	Open, rocky or sandy, generally moist areas	1300-2700 m	Decomposed plant material, Sandy loam, Bedrock	Jun-Aug
18	<u>15</u>	<i>Alopecurus carolinianus</i>	Carolina foxtail	Poaceae	AG	1	Ventura 3411933	wetland-riparian, agricultural weed	50 -1400 m	No Referenced Soil Type Found For Species.	May Jun
19	<u>16</u>	<i>Alopecurus saccatus</i>	Pacific foxtail	Poaceae	AG	2	Matilija 3411943	Meadows, Wetland-Riparian	< 1700 m	Decomposed plant material, Clay loam, Silt loam, Loam, Sandy loam	Mar-May
20	<u>17</u>	<i>Amaranthus californicus</i>	California amaranth	Amaranthaceae	AH	3	Lion Canyon 3411952, Ojai 3411942, Thousand Oaks 3411827	Wetland-riparian	< 2800 m	Loam	Jul-Oct
21	<u>20</u>	<i>Amaranthus powellii</i>	Powell's amaranth	Amaranthaceae	AH	4	Matilija 3411943, Ventura 3411933, Saticoy 3411932, Oxnard 3411922, Camarillo 3411921, Moorpark 3411838, Piru 3411847	Sagebrush Scrub, Mixed-Evergreen Forest, Valley Grassland, wetland-riparian	< 1600 m	Clay, Silty clay loam, Clay loam, Loam, Sandy loam, Sand, Variable	Jul-Nov

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22	<u>18</u>	<i>Ambrosia confertiflora</i>	Weak-leaved burweed or bursage	Asteraceae	PH	2	Ventura 3411933, Santa Susana 3411836	Coastal Sage Scrub, Southern Oak Woodland	< 1250 m	Loam, Sandy loam, Loamy sand	Jul-Oct
23	<u>19</u>	<i>Ambrosia salsola</i> var. <i>salsola</i>	Burrobrush	Asteraceae	S	3	Apache Canyon 3411973, Rancho Nuevo Creek 3411964	Sagescrub, Desert shrub	70 -1850 m	Sandy loam	Feb-Jun
24	<u>20</u>	<i>Ammannia coccinea</i>	Long-leaved or purple ammannia	Lythraceae	AH	3	Matilija 3411943, Ojai 3411942	wetland-riparian	< 300 m	Loam, Sandy loam, Sand	Jun-Aug
25	<u>21</u>	<i>Ammannia robusta</i>	Grand redstem	Lythraceae	AH	2	Matilija 3411943, Simi 3411837	wetland-riparian,	< 500 m	Sandy loam	Jun-Aug
26	<u>22</u>	<i>Amsinckia eastwoodiae</i>	Elegant fiddleneck	Boraginaceae	AH	1	Ojai 3411942	Open valleys, hills	10 -1500 m.	Clay, Clay loam, Loam, Sandy loam	Mar-May

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27	<u>23</u>	<i>Amsinckia spectabilis</i> <i>var. spectabilis</i>	Showy fiddleneck	Boraginaceae	AH	1	Point Mugu 3411911, Ventura 3411933	Coastal Strand, Coastal Salt Marsh	0-270 m	Clay loam, Loam, Sandy loam, Loamy sand, Sand, Variable	Apr-Aug
28	<u>24</u>	<i>Amsinckia vernicosa</i>	Waxy fiddleneck, Green fiddleneck	Boraginaceae	AH	1	Ballinger Canyon 3411984, Rancho Nuevo Creek 3411964	Foothill Woodland, Valley Grassland, Joshua Tree Woodland	50 -1400 m.	Silty clay, Silty clay loam, Clay loam, Loam, Sandy loam, Sand, Bedrock	Mar-May
29	<u>25</u>	<i>Andropogon</i> <i>glomeratus var.</i> <i>scabriglumis</i>	Soutwestern bushy bluestem	Poaceae	PG	1	Saticoy 3411932, Devils Heart Peak 3411858, □ Matilija 3411943,	Coastal Sage Scrub, Creosote Bush Scrub, Chaparral, wetland-riparian	< 600 m	Silt loam, Loam	Sep-Mar
30	<u>26</u>	<i>Antennaria dimorpha</i>	Low everlasting	Asteraceae	PH	2	Sawmill Mountain 341197	Sagebrush Scrub, Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Pinyon- Juniper Woodland	800-2400 m	Loam, Sandy loam	May-Jul
31	<u>27</u>	<i>Anthoxanthum</i> <i>occidentale</i>	California sweet grass	Poaceae	PG	1	Fillmore 3411848	Pine Forest, Redwood Forest, Mixed Evergreen Forest	< 750 m	Decomposed plant material, Clay loam, Silt loam, Loam, Sandy loam	Jan-Jul
32	<u>28</u>	<i>Antirrhinum</i> <i>nuttallianum</i> subsp. <i>Subsessile</i>	Nuttall snapdragon	Plantaginaceae	AH	5	Ventura 3411933, Point Mugu 3411911, Newbury Park 3411828, Triunfo Pass 3411818	Coastal Sage Scrub, Chaparral	< 1300 m	Clay loam, Silt loam, Loam, Sandy loam, Variable	Mar-Aug

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33	<u>32</u>	<i>Aphanes occidentalis</i>	Western lady's mantle	Resaceae	AH	3	Matilija 3411943, Ojai 3411942, Ventura 3411933, Simi 3411837, □ Newbury Park 3411828, Thousand Oaks 3411827	Mixed Evergreen Forest, Foothill Woodland, Valley Grassland	-30 -1200 m	Clay, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Variable, Decomposed plant material	Mar-May
34	<u>29</u>	<i>Aphyllon validum</i> ssp. <i>validum</i>	Rock creek broomrape	Orobanchaceae	PH	1	Topatopa Mountains 3411951	Chaparral, Pinyon-Juniper Woodland	1250-2000 m	No Referenced Soil Type Found For Species.	Mar- Jun
35	<u>30</u>	<i>Aralia californica</i>	Elk clover, Spikenard	Araliaceae	S	3	Wheeler Springs 3411953, Lion Canyon 3411952	Yellow Pine Forest, Foothill Woodland, Chaparral, Valley Grassland, wetland-riparian,	< 2500 m	Clay loam, Silt loam, Loam, Sandy loam, Bedrock, Decomposed plant material. acidic, humus-rich soil.	Jun-Aug
36	<u>31</u>	<i>Arbutus menziesii</i>	Pacific madrone	Ericaceae	T	5	Wheeler Springs 3411953, Ojai 3411942, Matilija 3411943, White Ledge Peak 3411944	Redwood Forest, Douglas-Fir Forest, Mixed Evergreen Forest, Northern Oak Woodland, Southern Oak Woodland, Foothill Woodland	100 -1500 m	Silty clay loam, Clay loam, Silt loam, Loam, Sandy loam, Sand, Bedrock, Decomposed plant material	Mar-May
37	<u>32</u>	<i>Arctostaphylos patula</i>	Greenleaf manzanita	Ericaceae	S	3	Sawmill Mountain 341197, □ Cuddy Valley 3411971	Yellow Pine Forest, Red Fir Forest	750-3350 m	Decomposed plant material, Loam, Sandy loam, Loamy sand, Bedrock	Apr-Jun

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38	<u>33</u>	<i>Aristida purpurea</i> var. <i>purpurea</i>	Purple three-awn grass	Poaceae	PG	4	Santa Paula 3411931, Fillmore 3411848, Newbury Park 3411828, Thousand Oaks 3411827	Coastal Sage Scrub, Creosote Bush Scrub	250 -800 m	Sandy loam, Bedrock	Feb-Mar
39	<u>34</u>	<i>Aristida ternipes</i> var. <i>gentilis</i>	Hook three-awn grass	Poaceae	PG	1	Matilija 3411943	Rocky hills and dry plateaus	100 -1350 m	No Referenced Soil Type Found For Species.	May-Nov
40	<u>35</u>	<i>Arnica discoidea</i>	Rayless or Discoid arnica	Asteraceae	PH	1	White Ledge Peak 3411944	Chaparral, foothill woodland	100-1500 m	Decomposed plant material, Clay loam, Loam, Sandy loam, Sand, Bedrock	May-Jul
41	<u>36</u>	<i>Artemisia ludoviciana</i> subsp. <i>incompta</i>	White sagebrush	Asteraceae	PH	1	Matilija 3411943	Shrubland, woodland, conifer forest	< 3500 m	Loam, Sandy loam, Bedrock	Jul-Sep
42	<u>37</u>	<i>Artemisia tridentata</i> subsp. <i>Parishii</i>	Parish great basin sagebrush	Asteraceae	S	3	Cuyama Peak 3411974, Fillmore 3411848, Santa Paula 3411931, Saticoy 3411932	Sagebrush steppe and sagebrush shrubland communities	300 -1800 m	No Referenced Soil Type Found For Species.	Sep-Nov
43	<u>38</u>	<i>Astragalus curtipes</i>	Morro milkvetch	Fabaceae	PH	2	Camarillo 3411921	Coastal Strand, Coastal Sage Scrub	< 450 m	Clay, Clay loam, Loam	Feb-Jun
44	<u>39</u>	<i>Astragalus oxyphysus</i>	Stanislaus milkvetch	Fabaceae	PH	3	Reyes Peak 3411963,	Foothill Woodland, Valley Grassland	100 -1200 m	Clay, Clay loam, Loam, Sandy loam, Sand, Variable	Mar-Jun

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45	<u>40</u>	<i>Astragalus pomonensis</i>	Pomona locoweed, Pomona milk vetch	Fabaceae	PH	3	Simi 3411837, □ Camarillo 3411921	Coastal Sage Scrub, Foothill Woodland, Disturbed areas	< 1200m	Clay loam, Sandy loam, Loamy sand	Mar-May
46	<u>41</u>	<i>Astragalus whitneyi</i> <i>var. whitneyi</i>	Whitney locoweed, Balloonpod milk vetch, Whitneys milk vetch	Fabaceae	PH	3	Sawmill Mountain 3411972	Sagebrush Scrub, Yellow Pine Forest, Subalpine Forest, Northern Oak Woodland, Alpine Fell-fields, Northern Juniper Woodland	1550-3500 m	Loam, Sandy loam	May-Sep
47	<u>42</u>	<i>Atriplex argentea var.</i> <i>expansa</i>	Mojave silverscale	Chenopodiaceae	PH	5	Rancho Nuevo Creek 3411964, San Guillermo 3411962, Matilija 3411943, Ventura 3411933, Oxnard 3411922, Simi 3411837	Wetlands, Dry or saline substrates	< 1500 m	Clay, Silty clay loam, Clay loam, Sandy clay loam, Silt loam, Loam, Sandy loam	Jul-Nov

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48	<u>43</u>	<i>Atriplex canescens</i> <i>var. laciniata</i>	Caleb saltbush	Chenopodiaceae	S	1	Rancho Nuevo Creek 3411964	Saline desert flats, alluvial fans	< 1500 m	Alkaline, well-drained soils. Saline tolerant, Caliche type, Limestone- based, Sandy, Sandy Loam, Medium Loam Clay Loam Clay Calcareous	Mar-Oct
49	<u>44</u>	<i>Atriplex dioica</i>	Thickleaf orach	Chenopodiaceae	AH	4	Ventura 3411933, □ Oxnard 3411922	prairies, stream valleys, along shores	< 200 m	Moist, saline or alkaline soils	Jul-Nov
50	<u>45</u>	<i>Atriplex watsonii</i>	Matscale	Chenopodiaceae	PH	1	Point Mugu 3411911	Coastal Strand, Coastal Salt Marsh, Coastal Sage Scrub, wetland-riparian	< 170 m	alkaline soil and sand.	Mar-Oct
51	<u>46</u>	<i>Baccharis salicina</i>	Emory baccharis	Asteraceae	S	1	Wheeler Springs 3411953, Fillmore 3411848	Coastal Sage Scrub, Creosote Bush Scrub, wetland-riparian	6-1600 m	moderately saline	May- Nov
52	<u>47</u>	<i>Batis maritima</i>	Saltwort, Beachwort	Bataceae	S	3	Point Mugu 3411911	Coastal Strand, Coastal Salt Marsh, wetland-riparian	< 10 m	Sand, Variable, Moderately Saline. tolerant of sand, loam and clay	Apr- Sep

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53	<u>48</u>	<i>Berberis aquifolium</i> <i>var. dictyota</i>	Dull-leaf or Jepson holly-leaved barberry	Berberidiaceae	S	3	Matilija 3411943	Slopes, canyons, conifer forest, oak woodland, chaparral	90-2200 m	Non saline: Decomposed plant material, Clay loam, Loam, Sandy loam, Bedrock, Rocky	Mar-May
54	<u>49</u>	<i>Berberis pinnata</i> subsp. <i>pinnata</i>	California barberry, Coast barberry	Berberidiaceae	S	1	Triunfo Pass 3411818 □	conifer forest, oak woodland, chaparra	< 1900m	Decomposed plant material, Clay loam, Silt loam, Loam, Sandy loam, Sand, Bedrock, Variable	Feb-May
55	<u>50</u>	<i>Bidens frondosa</i>	Sticktight	Asteraceae	AH	2	Thousand Oaks 3411827, Santa Paula 3411931, □ Piru 3411847	wetland riparian	< 2100m	Slightly Saline, Clay, Loam, Peat	Jun-Oct
56	<u>51</u>	<i>Boechera breweri</i> subsp. <i>Breweri</i>	Brewer rock cress	Brassicaceae	PH	2	□ Wheeler Springs 3411953, Lion Canyon 3411952	Yellow Pine Forest, Red Fir Forest, Foothill Woodland, Alpine Fell-fields	300-2300 m	Decomposed plant material, Silt loam, Loam, Sandy loam, Bedrock	Mar-Jul

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57	<u>52</u>	<i>Boechera californica</i>	California rockcress	Brassicaceae	PH	1	Sawmill Mountain 3411972, □ Alamo Mountain 3411868, Wheeler Springs 3411953, □ Black Mtn. 3411867, Santa Susana 3411836	Rocky slopes, gravelly soil, in chaparral, oak woodland	350-2300 m	Loam, Sandy loam	Mar-Jun
58	<u>53</u>	<i>Boechera retrofracta</i>	Holboell rock cress	Brassicaceae	PH	1	Wheeler Springs 3411953	Rock outcrops, sandy soil, in grassland, sagebrush steppe, open conifer forest;	900-3312 m.	Loam, Sandy loam	Apr-Aug
59	<u>54</u>	<i>Boechera xylopoda</i>	Bigfoot hybrid rockcress	Brassicaceae	PH	4	Lockwood Valley 3411961	Desert scrub, sagebrush, and chaparral	800-2500 m	No Referenced Soil Type Found For Species.	Mar-May
60	<u>55</u>	<i>Bolboschoenus robustus</i>	Seacoast bullrush	Cyperaceae	PG	3	Ventura 3411933, 3411923, Oxnard 3411922, Simi 3411837	Coastal Salt Marsh, Freshwater Wetlands, Alkali Sink, wetland-riparian	0 to 1200 m	moderately saline	Aug-Sep
61	<u>56</u>	<i>Botrychium simplex var. simplex</i>	Least moonwort, Little grapefern	Ophioglossaceae	PF	1	Sawmill Mountain 3411972	Saturated moss or sedge mats around hard water seeps and streamlets	1500-3200 m	No Referenced Soil Type Found For Species.	Jul-Aug
62	<u>57</u>	<i>Boykinia occidentalis</i>	Santa lucia brookfoam	Saxifragaceae	PH	4	Lion Canyon 3411952, Cobblestone Mtn. 3411857, Ojai 3411942, Matilija 3411943, Wheeler Springs 3411953,	Northern Coastal Scrub, Redwood Forest, Yellow Pine Forest, Mixed Evergreen Forest, Chaparral, wetland- riparian	< 1500 m	Decomposed plant material, Loam, Sandy loam	May-Aug

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63	<u>58</u>	<i>Boykinia rotundifolia</i>	Roundleaved boykinia	Saxifragaceae	PH	4	Reyes Peak 3411963, Lion Canyon 3411952, Devils Heart Peak 3411858, Ojai 3411942, Santa Paula Peak 3411941, Newbury Park 3411828,	Chaparral, wetland-riparian	< 2000m	Loam, Sandy loam	May-Jul
64	<u>59</u>	<i>Bromus orcuttianus</i>	Orcutt's brome	Poaceae	AG	3	Reyes Peak 341196, Alamo Mountain 3411868, White Ledge Peak 3411944	Dry places, meadows, scrub, open forest;	520m-3500m	Decomposed plant material, Loam, Sandy loam	Jun-Jul
65	<u>60</u>	<i>California macrophylla</i>	Largeleaf filaree	Geraniaceae	AH	2	Rancho Nuevo Creek 3411964, Piru 3411847, Simi 3411837, Newbury Park 3411828	Open sites, grassland, scrub, vertic clay, occasionally serpentine	< 1200 m	Clay, Silty clay loam, Loam, Sandy loam	Mar-Jul
66	<u>61</u>	<i>Callitriche marginata</i>	California water-starwort, Wallow starwort	Plantaginaceae	PH	3	Apache Canyon 3411973, Matilija 3411943, Santa Paula 3411931, 3411923	Yellow Pine Forest, Foothill Woodland, Chaparral, Valley Grassland, wetland-riparian, many plant communities	< +- 1500 m	Decomposed plant material, Clay, Loam, Sandy loam, Sand	Mar-Jun
67	<u>62</u>	<i>Calystegia malacophylla</i> subsp. <i>malacophylla</i>	Sierra morning-glory	Convolvulaceae	PV	1	Sawmill Mountain 3411972	Dry slopes, chaparral;	1000-2400 m	Decomposed plant material, Loam, Sandy loam, Bedrock	Jun-Aug

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68	<u>63</u>	<i>Calystegia occidentalis</i> subsp. <i>fulcrata</i>	Western morning-glory	Convolvulaceae	PV	1	Frazier Mtn. 3411878, Lockwood Valley 3411961,	Dry slopes, chaparral, pine woodland	300-2700 m	Loam, Sandy loam	May-Aug
69	<u>64</u>	<i>Camissonia contorta</i>	Contorted primrose	Onagraceae	AH	2	Cuddy Valley 3411971, Reyes Peak 3411963, Lion Canyon 3411952	Sandy soil, slopes, flats, often disturbed, grassland, chaparral, pinyon/juniper woodland	< 2300 m	Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock	May-Jun
70	<u>65</u>	<i>Cardamine pachystigma</i>	Rock toothwort, Serpentine bittercress	Brassicaceae	PH	4	Fillmore 3411848	Rocky or serpentine outcrops, slopes, cliffs,	250-2900 m	No Referenced Soil Type Found For Species.	Mar-May
71	<u>66</u>	<i>Cardionema ramosissimum</i>	Sand mat	Caryophyllaceae	PH	4	Alamo Mountain 3411868, Moorpark 3411838, Simi 3411837, Thousand Oaks 3411827	Coastal Strand, Northern Coastal Scrub, Coastal Sage Scrub	< 400 m	Decomposed plant material, Clay, Clay loam, Loam, Sandy loam, Loamy sand, Sand, Variable	Apr-Aug
72	<u>67</u>	<i>Carex athrostachya</i>	Long-bracted sedge	Cyperaceae	PG	2	Sawmill Mountain 3411972, Lockwood Valley 3411961	Common. Seasonally moist meadows, marshes	400-3200 m	Decomposed plant material, Loam, Sandy loam, Loamy sand, Bedrock	May-Sep

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73	<u>68</u>	<i>Carex aurea</i>	Golden sedge	Cyperaceae	PG	2	Frazier Mtn. 3411878	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, wetland-riparian	110-330 m	Decomposed plant material, Clay, Clay loam, Loam, Sandy loam, Loamy sand, Sand, Variable	Mar- Jun
74	<u>69</u>	<i>Carex barbarae</i>	White root sedge, Santa barbara sedge	Cyperaceae	PG	5	White Ledge Peak 3411944, Ventura 3411933, Santa Paula Peak 3411941	Mixed Evergreen Forest, Foothill Woodland, Coastal Prairie, Valley Grassland, wetland-riparian	< 1000 m.	Clay, Silty clay loam, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Variable, Decomposed plant material	May-Aug
75	<u>70</u>	<i>Carex densa</i>	Dense sedge	Cyperaceae	PG	3	Alamo Mountain 3411868, Matilija 3411943,	Northern Coastal Scrub, Yellow Pine Forest, Mixed Evergreen Forest, Foothill Woodland, Coastal Prairie, Valley Grassland, Northern Juniper Woodland, wetland-riparian	< 1500 m	Decomposed plant material, Clay, Clay loam, Silt loam, Loam, Sandy loam, Variable	Apr-Jul
76	<u>71</u>	<i>Carex fracta</i>	Fragile-sheathed sedge	Cyperaceae	PG	2	Frazier Mtn. 3411878, Reyes Peak 3411963, San Guillermo 3411962, Lockwood Valley 3411961, Alamo Mountain 3411868,	Common. Montane meadows, open forests, edges, roadsides,	250-3300 m.	Decomposed plant material, Loam, Sandy loam, Loamy sand	May-Sep
77	<u>72</u>	<i>Carex globosa</i>	Round-fruited sedge	Cyperaceae	PG	3-4*	White Ledge Peak 3411944, Matilija 3411943, Santa Paula Peak 3411941	Well-drained soil of wooded areas: Northern Coastal Scrub, Redwood Forest, Mixed Evergreen Forest, Southern Oak Woodland	< 1800 m	Decomposed plant material, Clay loam, Loam, Sandy loam, Sand, Bedrock, Variable	Apr-Jun

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78	<u>73</u>	<i>Carex hassei</i>	Hasse sedge	Cyperaceae	PG	2	Sawmill Mountain 3411972, Lockwood Valley 3411961	Springs, peatland, fens, moist meadows,	< 2900 m	Loam, Sandy loam	May-Aug
79	<u>74</u>	<i>Carex multicaulis</i>	Many-stemmed sedge	Cyperaceae	PG	1	Reyes Peak 3411963, White Ledge Peak 3411944	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest	15-2200 m	Decomposed plant material, Loam, Sandy loam, Bedrock, Rocky	Apr-Jul
80	<u>75</u>	<i>Carex nebrascensis</i>	Nebraska sedge	Cyperaceae	PG	1	□ Sawmill Mountain 3411972	Creosote Bush Scrub, Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Pinyon-Juniper Woodland, wetland-riparian	< 2500 m	Decomposed plant material, Loam, Sandy loam	Jun-Sep
81	<u>76</u>	<i>Carex pansa</i>	Sand dune sedge	Cyperaceae	PG	2	Oxnard 3411922, 3411923, □ Ventura 3411933	Coastal strand	< 10 m	Decomposed plant material, Loam, Sandy loam	Apr- Jul
82	<u>77</u>	<i>Carex pellita</i>	Woolly sedge	Cyperaceae	PG	2	Sawmill Mountain 3411972	Generally marshy places, creekbanks	60-3300 m	Loam, Sandy loam, Decomposed plant material	May-Sep

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83	<u>78</u>	<i>Carex rossii</i>	Ross sedge	Cyperaceae	PG	3	Old Man Mountain 3411954, Sawmill Mountain 3411972, Lion Canyon 3411952, Santa Paula Peak 3411941, Simi 3411837	Dry forest, meadows: Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Coastal Prairie, Alpine Fell-fields	< 3800 m	Decomposed plant material, Loam, Sandy loam, Loamy sand, Bedrock, Rocky	May-Aug
84	<u>79</u>	<i>Carex schottii</i>	Schott sedge	Cyperaceae	PG	1	Lockwood Valley 3411961, Alamo Mountain 3411868, Matilija 3411943	Coastal Sage Scrub, Southern Oak Woodland, wetland-riparian	< 2500 m.	No Referenced Soil Type Found For Species.	Apr-Jul
85	<u>80</u>	<i>Carex spissa</i>	San diego sedge	Cyperaceae	PG	1	Point Mugu 3411911, Triunfo Pass 3411818	Coastal Sage Scrub, Southern Oak Woodland, Chaparral, wetland-riparian	< 1200 m	Clay, Silt loam, Loam, Sandy loam, Loamy sand, Sand	Apr-Sep
86	<u>81</u>	<i>Castilleja attenuata</i>	Valley tassels	Orobanchaceae	AH	2	Rancho Nuevo Creek 3411964, San Guillermo 3411962, Lockwood Valley 3411961, Lion Canyon 3411952, Ojai 3411942	Yellow Pine Forest, Mixed Evergreen Forest, Foothill Woodland, Chaparral, Valley Grassland	< 1600 m	Clay, Silty clay loam, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Bedrock, Decomposed plant material	Mar-May

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87	<u>82</u>	<i>Castilleja tenuis</i>	Bristle owl's clover	Orobanchaceae	AH	1	□ Alamo Mountain 3411868, Lion Canyon 3411952	Sagebrush Scrub, Yellow Pine Forest, Red Fir Forest, wetland-riparian	1000-2800 m	Decomposed plant material, Loam, Sandy loam, Bedrock, Rocky	May- Aug
88	<u>83</u>	<i>Caulanthus heterophyllus</i>	San diego wild cabbage	Brassicaceae	AH	4	Rancho Nuevo Creek 3411964, Reyes Peak 3411963, □ Ojai 3411942, Point Mugu 3411911, □ Triunfo Pass 3411818	Coastal Sage Scrub, Chaparral, weed, characteristic of disturbed places	< 1400 m	Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Variable	Mar-May
89	<u>84</u>	<i>Caulanthus inflatus</i>	Desert candle	Brassicaceae	AH	3	Ballinger Canyon 3411984	Creosote Bush Scrub, Valley Grassland, Joshua Tree Woodland	150-1500 m	Clay, Silty clay, Clay loam, Loam, Sandy loam, Sand, Bedrock	Mar-May

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90	<u>85</u>	<i>Ceanothus cuneatus</i> <i>var. ramulosus</i>	Coast ceanothus	Rhamnaceae	S	1	Matilija 3411943	Sandy substrates, serpentine, chaparral	< 700 m	Clay, Loam, Sandy loam	Feb-May
91	<u>86</u>	<i>Chaenactis fremontii</i>	Fremont pincushion	Asteraceae	AH	2	Ballinger Canyon 3411984, Apache Canyon 3411973, Cuyama Peak 3411974, Lockwood Valley 3411961, Black Mtn. 3411867, Alamo Mountain 3411868	Creosote Bush Scrub, Chaparral, Valley Grassland, Joshua Tree Woodland	10-2200 m	Clay loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock	Feb- May
92	<u>87</u>	<i>Chaenactis</i> <i>glabriuscula var.</i> <i>heterocarpha</i>	Inner coast range pincushion	Asteraceae	AH	2	Rancho Nuevo Creek 3411964, Wheeler Springs 3411953	Slopes, ridges, openings in chaparral, woodland, generally serpentine or shale	100-1500 m	Decomposed plant material, Loam, Sandy loam	Mar-Jun

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93	<u>88</u>	<i>Chaenactis glabriuscula</i> var. <i>megacephala</i>	Big-flowered yellow pincushion	Asteraceae	AH	4	Ballinger Canyon 3411984, Cobblestone Mtn. 3411857, Santa Susana 3411836	Dry, often sandy slopes, openings in chaparral, woodland	300-1500 m	Loam	Mar-Jun
94	<u>89</u>	<i>Chenopodium berlandieri</i> var. <i>zschackei</i>	Pitseed goosefoot	Chenopodiaceae	AH	5	Lion Canyon 3411952, Matilija 3411943, Ventura 3411933, Santa Paula 3411931, Piru 3411846	Disturbed areas, ocean bluffs, sandy washes	< 2000 m	No Referenced Soil Type Found For Species.	Jul-Sep
95	<u>90</u>	<i>Chenopodium desiccatum</i>	Aridland goosefoot	Chenopodiaceae	AH	2	Sawmill Mountain 3411972	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Pinyon-Juniper Woodland	< 2900 m	Sandy loam, Loamy sand	Jul-Sep
96	<u>91</u>	<i>Chorizanthe brevicornu</i> var. <i>brevicornu</i>	Brittle spineflower	Polygonaceae	AH	1	Piru 3411847	Sand, gravel, common	60-2300 m	Sandy loam, Loamy sand, Sand	Feb-Jul
97	<u>92</u>	<i>Chorizanthe clevelandii</i>	Cleveland spineflower	Polygonaceae	AH	4	Sawmill Mountain 3411972, San Guillermo 3411962, Lockwood Valley 3411961, Lion Canyon 3411952, □	Northern Oak Woodland, Foothill Woodland, Chaparral	400-2000 m	Clay loam	May-Sep

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98	<u>93</u>	<i>Chorizanthe membranacea</i>	Pink spineflower	Polygonaceae	AH	1	Matilija 3411943	Foothill Woodland, Chaparral, Valley Grassland	40-1400 m	Decomposed plant material, Clay, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Bedrock	Apr-Jul
99	<u>94</u>	<i>Chorizanthe uniaristata</i>	One-awned spineflower	Polygonaceae	AH	4	Rancho Nuevo Creek 3411964, Reyes Peak 3411963, Wheeler Springs 3411953	Foothill Woodland, Chaparral, Valley Grassland	800-1900 m	Silty clay loam, Sandy clay loam, Loam, Sandy loam, Rocky	Apr-Jul
100	<u>95</u>	<i>Chrysothamnus viscidiflorus</i> subsp. <i>Viscidiflorus</i>	Yellow rabbitbrush	Asteraceae	S	2	Sawmill Mountain 3411972, Frazier Mtn. 3411878, Alamo Mountain 3411868,	Sagebrush, pinyon/juniper, alpine talus	900-4000 m	Silty clay loam, Sandy clay loam, Loam, Sandy loam, Rocky	Jul-Sep

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101	<u>96</u>	<i>Cicuta douglasii</i>	Western water-hemlock	Apiaceae	PH	3	San Guillermo 3411962, Reyes Peak 3411963	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Foothill Woodland, Chaparral, Valley Grassland, wetland-riparian, many plant communities	< 2800 m	Decomposed plant material, Silt loam, Loam, Sandy loam, Sand	Jun-Sep
102	<u>97</u>	<i>Cirsium scariosum</i> <i>var. loncholepis</i>	Southern meadow thistle	Asteraceae	BH	3	Reyes Peak 3411963, Lockwood Valley 3411961, Cuddy Valley 3411971 Sawmill Mountain 3411972	Meadows, damp soil, openings in forest;	400-2000 m	No Referenced Soil Type Found For Species.	May-Sep
103	<u>98</u>	<i>Clarkia affinis</i>	Chaparral clarkia	Onagraceae	AH	4	Lion Canyon 3411952, Wheeler Springs 3411953, Matilija 3411943	Openings in woodland, chaparral	< 500 m	Decomposed plant material, Clay, Silty clay loam, Clay loam, Loam, Sandy loam	May -Jun
104	<u>99</u>	<i>Clarkia dudleyana</i>	Dudley godetia, Dudley's clarkia	Onagraceae	AH	5	Wheeler Springs 3411953, Lion Canyon 3411952, Ballinger Canyon 3411984	Northern Coastal Scrub, Yellow Pine Forest, Foothill Woodland, Chaparral	< 1500 m	Decomposed plant material, Loam, Sandy loam, Rocky	May-Jul
105	<u>100</u>	<i>Clarkia modesta</i>	Modest clarkia	Onagraceae	AH	2	Reyes Peak 3411963	Foothill Woodland	< 1000 m.	Decomposed plant material, Silty clay loam, Loam, Sandy loam	Apr-May
106	<u>101</u>	<i>Clarkia purpurea</i> subsp. <i>viminea</i>	Large purple clarkia	Onagraceae	AH	1	Wheeler Springs 3411953, Santa Paula Peak 3411941, Matilija 3411943	Open, grassy or shrubby places	< 1500 m	Decomposed plant material, Loam, Sandy loam	May-Jul

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107	<u>102</u>	<i>Clinopodium douglasii</i>	Yerba buena	Lamiaceae	PH	4-5*	White Ledge Peak 3411944, Fillmore 3411848, □ Ventura 3411933	Northern Coastal Scrub, Closed-cone Pine Forest, Redwood Forest, Mixed Evergreen Forest, Chaparral	< 900 m	Clay, Silty clay loam, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Variable, Decomposed plant material	Apr-Sep
108	<u>103</u>	<i>Collinsia parviflora</i>	Blue-eyed mary, Blue lips	Plantaginaceae	AH	2	Sawmill Mountain 3411972, Val Verde 3411846	Sagebrush Scrub, Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest	800-3500 m	Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Decomposed plant material	Mar-Jul
109	<u>104</u>	<i>Collomia tinctoria</i>	Yellow-staining collomia	Polemoniaceae	AH	3	Cuddy Valley 3411971, Lion Canyon 3411952, Wheeler Springs 3411953, Reyes Peak 3411963, San Guillermo 3411962	Gravelly to rocky, open areas: Red Fir Forest, Lodgepole Forest	600-3000 m	Decomposed plant material, Loam, Sandy loam, Bedrock	Jun-Sep
110	<u>105</u>	<i>Comarostaphylis diversifolia</i> subsp. <i>planifolia</i>	Flat leaf summer holly	Ericaceae	S	2	White Ledge Peak 3411944	Chaparral	100-600 m	Decomposed plant material, Loam, Sandy loam, Bedrock	Mar-May
111	<u>106</u>	<i>Cornus sericea</i> subsp. <i>sericea</i>	American or Creek dogwood, Red osier dogwood	Cornaceae	S	3	Santa Paula Peak 3411941, White Ledge Peak 3411944	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, wetland-riparian	< 2800 m	Clay loam, Loam, Sandy loam, Loamy sand, Bedrock, Decomposed plant material	May-Jul

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112	<u>107</u>	<i>Crassula aquatica</i>	Water pigmy weed	Crassulaceae	AH	1	□ Matilija 3411943	Yellow Pine Forest, Foothill Woodland, Chaparral, Valley Grassland, wetland-riparian, many plant communities	< 3000 m	Clay, Silt loam, Loam, Sandy loam	Mar-Jun
113	<u>108</u>	<i>Crepis acuminata</i>	Long-leaved hawksbeard	Asteraceae	PH	4	Frazier Mtn. 3411878, Lion Canyon 3411952, Lockwood Valley 3411961, Alamo Mountain 3411868,	Sagebrush Scrub, Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest	1000-3300 m	Decomposed plant material, Loam, Sandy loam, Loamy sand, Bedrock	May-Aug
114	<u>109</u>	<i>Cryptantha affinis</i>	Side grooved cryptantha	Boraginaceae	AH	2	Wheeler Springs 3411953	conifer forest, chaparral	630-2600 m	Decomposed plant material, Loam, Sandy loam, Rocky	May-Aug
115	<u>110</u>	<i>Cryptantha flaccida</i>	Weak stemmed, Pale cryptantha	Boraginaceae	AH	4	Wheeler Springs 3411954	Yellow Pine Forest, Foothill Woodland, Chaparral, Valley Grassland, many plant communities	< 1700 m	Decomposed plant material, Clay, Clay loam, Loam, Sandy loam, Bedrock	Apr-Jul
116	<u>111</u>	<i>Cryptantha leiocarpa</i>	Beach cryptantha	Boraginaceae	AH	4	Ventura 3411933, □ 3411923	Coastal Strand, Northern Coastal Scrub	< 100 m	Decomposed plant material, Sandy loam, Sand	Mar-Aug
117	<u>112</u>	<i>Cryptantha pterocarya</i> <i>var. pterocarya</i>	Winged-nut cryptantha	Boraginaceae	AH	1	Lockwood Valley 3411961	desert scrub, washes, sagebrush, woodland openings	200-2630 m	Loam	Mar-Jul
118	<u>113</u>	<i>Cryptantha sparsiflora</i>	Few-flowered cryptantha	Boraginaceae	AH	4	Rancho Nuevo Creek 3411964, Reyes Peak 3411963, Santa Paula Peak 3411941	Foothill Woodland, Chaparral, sparse grassland,	300-1300 m	No Referenced Soil Type Found For Species.	Apr-May

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119	<u>114</u>	<i>Cucurbita palmata</i>	Coyote melon	Cucurbitaceae	PV	1	Ventura 3411933	Coastal Sage Scrub, Creosote Bush Scrub, Valley Grassland	< 1300 m.	Loam, Sandy loam, Loamy sand, Sand, Bedrock	Apr-Sep
120	<u>115</u>	<i>Cycladenia humilis</i> <i>var. venusta</i>	Showy cycladenia	Convolvulaceae	PH	1	Reyes Peak 3411963	haparral, talus, loose gravel, dry ground in light shade of pines,	1550-2500 m	No Referenced Soil Type Found For Species.	May-Jul
121	<u>116</u>	<i>Cylindropuntia bernardina</i>	Cane cholla	Apocynaceae	S	2	Cuyama Peak 3411974, Lockwood Valley 3411961, □ Point Mugu 3411911	Chaparral, pinyon/juniper woodland	700-1900 m	Loam, Sandy loam, Loamy sand, Sand	Apr-Jul
122	<u>117</u>	<i>Cyperus acuminatus</i>	Short-pointed umbrella-sedge, Tapertip flatsedge	Cactaceae	AG	2	Matilija 3411943	wetland-riparian, many plant communities. Edges of temporary pools, ponds, streams	< 400 m	wet, sandy	Jun-Oct
123	<u>118</u>	<i>Cyperus erythrorhizos</i>	Red-root flatsedge, Red rooted cyperus	Cyperaceae	AG	1	Matilija 3411943, Fillmore 3411848, Newbury Park 3411828, Thousand Oaks 3411827	wetland-riparian	< 500 m	Sandy loam	Jul-Oct

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124	<u>119</u>	<i>Cyperus laevigatus</i>	Smooth flatsedge	Cyperaceae	PG	2	Santa Paula 3411931	Coastal Sage Scrub, Creosote Bush Scrub, Alkali Sink, wetland-riparian	30-1000 m	No Referenced Soil Type Found For Species.	Jul-Dec
125	<u>424</u>	<i>Cyperus odoratus</i>	Flatsedge	Cyperaceae	AG	2	Matilija 3411943, Santa Paula 3411931, 3411923, Newbury Park 3411828, Val Verde 3411847, Piru 3411847	wetland-riparian, many plant communities	< 500 m	Silt loam, Sandy loam, Sand	Jul-Oct
126	<u>120</u>	<i>Cyperus squarrosus</i>	Awned flatsedge, Awned cyperus	Cyperaceae	PG	1	Matilija 3411943	wetland-riparian, many plant communities: Moist, sunny, disturbed places, especially pond margins, riverbanks;	< 1500 m	Decomposed plant material, Loam, Sandy loam	Jun, Nov
127	<u>121</u>	<i>Danthonia unispicata</i>	One-spike oat grass	Poaceae	PG	1	Lockwood Valley 3411961	Sagebrush Scrub, Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Northern Juniper Woodland	400-3200 m	Decomposed plant material, Clay, Clay loam, Loam, Sandy loam, Bedrock	May-Aug
128	<u>122</u>	<i>Delphinium gracilentum</i>	Coast larkspur, Slender larkspur, Greene's larkspur	Ranunculaceae	PH	2	Sawmill Mountain 3411972, Frazier Mtn. 3411878	Meadows: Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Foothill Woodland	150-2700 m	Decomposed plant material, Silt loam, Loam, Sandy loam, Loamy sand, Bedrock	Mar-Jun

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1											
129	<u>123</u>	<i>Deschampsia cespitosa</i> subsp. <i>Cespitosa</i>	Tufted hairgrass	Poaceae	PG	3	Sawmill Mountain 3411972	wetland-riparian	< 3820 m	Decomposed plant material, Loam, Sandy loam	Jul-Aug
130	<u>124</u>	<i>Descurainia californica</i>	California tansy mustard	Brassicaceae	AH	2	San Guillermo 3411962	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Pinyon-Juniper Woodland	1700-3400 m	Loam, Sandy loam, Loamy sand	May-Aug
131	<u>125</u>	<i>Dicentra pauciflora</i>	Few-flowered bleeding heart	Fumariaceae	PH	1	Reyes Peak 3411963, San Guillermo 3411962	Subalpine Forest, Alpine Fell-fields	1200-3000 m.	Loam, Sandy loam, Bedrock	Jun-Jul
132	<u>126</u>	<i>Diplacus rutilus</i>	Red sticky bush monkeyflower	Phrymaceae	S	1	Santa Susana 3411836, Thousand Oaks 3411827	Well-drained, exposed sites; crevices in boulders or rock outcrops in desert areas	7-2440 m	Decomposed plant material, Silty clay loam, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock	Mar-Jun
133	<u>127</u>	<i>Distichlis littoralis</i>	Shoregrass	Poaceae	PG	1	Point Mugu 3411911, 3411912	Coastal Salt Marsh, wetland-riparian	0 to 30 m	Sand, Variable	Apr-Aug
134	<u>128</u>	<i>Downingia bella</i>	Hoover downingia	Lobeliaceae	AH	1	Apache Canyon 3411973	Valley Grassland, wetland-riparian	0 to 1650 m	Clay loam, Loam, Sandy loam	Mar-May

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135	<u>129</u>	<i>Dudleya caespitosa</i>	Coast dudleya, Sand lettuce, Sea lettuce	Crassulaceae	PH	4	Wheeler Springs 3411953, Ventura 3411933, Camarillo 3411921, Point Mugu 3411911	Coastal, rock, sand	< 100 m	Clay loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock	Apr-Aug
136	<u>130</u>	<i>Dudleya cymosa</i> subsp. <i>cymosa</i>	Canyon live-forever, Canyon dudleya	Crassulaceae	PH	1	Wheeler Springs 3411953	Rocky outcrops, talus slopes, less often shaded canyon slopes	100-2700 m	Decomposed plant material, Clay loam, Loam, Sandy loam, Bedrock	May-Jul
137	<u>131</u>	<i>Eastwoodia elegans</i>	Yellow mock aster	Asteraceae	S	2	Ballinger Canyon 3411984, Cuyama Peak 3411974	Banks, arid hillsides, brushy slopes, juniper woodland	60-1300 m	Silty clay loam, Clay loam, Loam, Sandy loam, Sand, Bedrock	Apr-Jul
138	<u>132</u>	<i>Elatine brachysperma</i>	Short seed waterwort,	Elatinaceae	AH	1	Matilija 3411943	wetland-riparian, many plant communities	50-500 m	Loam	Apr-Sep
139	<u>133</u>	<i>Elatine californica</i>	California waterwort	Elatinaceae	AH	1	Matilija 3411943, Lockwood Valley 3411961, Apache Canyon 3411973	Pools, ponds, rice fields, streambanks	50-1900 m	Loam, Sandy loam	Mar-Aug
140	<u>134</u>	<i>Eleocharis acicularis</i> var. <i>gracilescens</i>	Graceful spikerush, Needle spikerush	Cyperaceae	PG	5	Matilija 3411943	Fresh wet soil to deeply submersed	< 3300 m	No Referenced Soil Type Found For Species.	Late spring-summer
141	<u>135</u>	<i>Eleocharis bella</i>	Bella spikerush, Beautiful spikerush	Cyperaceae	PG	1	Sawmill Mountain 3411972, Lockwood Valley 3411962	Common. Fresh wet bare soil. Occurs usually in wetlands, occasionally in non wetlands	< 2300 m	Decomposed plant material, Loam, Sandy loam, Bedrock	Jun-Aug

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142	<u>136</u>	<i>Eleocharis bernardina</i>	Few-flowered clubrush	Cyperaceae	PG	3	Cuddy Valley 3411971	Fresh wet meadows, fens in conifer forest	2100-2700 m	No Referenced Soil Type Found For Species.	Summer
143	<u>137</u>	<i>Eleocharis quinqueflora</i>	Few-flowered spikerush	Cyperaceae	PG	1	Cuddy Valley 3411971	Meadows: Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, wetland-riparian	40-3600 m	Decomposed plant material, Loam, Sandy loam, Loamy sand, Bedrock, Rocky	Spring- summer
144	<u>138</u>	<i>Eleocharis rostellata</i>	Beaked spikerush	Cyperaceae	PG	4	Old Man Mountain 3411954, White Ledge Peak 3411944, Simi 3411837	Alkali Sink, wetland-riparian: Mineral-rich fens, springs, hot springs, coastal marshes	50-2400 m	No Referenced Soil Type Found For Species.	Mar-Jun

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145	<u>139</u>	<i>Eleocharis suksdorfiana</i>	Suksdorf's spikerush	Cyperaceae	PG	2	Sawmill Mountain 3411972	Wet meadows, fens, springs	< 3400 m	No Referenced Soil Type Found For Species.	Summer
146	<u>140</u>	<i>Elodea canadensis</i>	Common waterweed	Hydrocharitaceae	PG	1	Lion Canyon 3411952	Wetlands: Shallow water, sloughs, ponds, lakes;	300-2600 m	Decomposed plant material, Muck/Peat, Silt loam, Loam, Sandy loam, Sand	Jul-Aug
147	<u>141</u>	<i>Elymus cinereus</i>	Great basin wildrye	Poaceae	PG	1	Lockwood Valley 3411961	Sagebrush Scrub, Pinyon-Juniper Woodland, wetland-riparian	< 3100 m	No Referenced Soil Type Found For Species.	Jun-Aug
148	<u>147</u>	<i>Elymus glaucus</i> subsp. <i>glaucus</i>	Western rye grass	Poaceae	PG	4	Rancho Nuevo Creek 3411964, Reyes Peak 3411963, Alamo Mountain 3411868, Wheeler Springs 3411953, Lion Canyon 3411952, Devils Heart Peak 3411858, Matilija 3411943, Ojai 3411942, Santa Paula Peak 3411941, Fillmore 3411848, Piru 3411847, Saticoy 3411932, Simi 3411837, Newbury Park 3411828	Open areas, chaparral, woodland, forest	< 2890 m	Clay, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Decomposed plant material	Jun-Aug

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149	<u>142</u>	<i>Elymus stebbinsii</i>	Stebbins wheatgrass	Poaceae	PG	5	Reyes Peak 3411963, Lion Canyon 3411952, Triunfo Pass 3411818	Yellow Pine Forest, Chaparral	< 2230 m	Sandy loam	Jun-Jul
150	<u>143</u>	<i>Emmenanthe rosea</i>	Pink whispering bells	Boraginaceae	AH	1	Cuddy Valley 3411971, Lockwood Valley 3411961	Talus slopes, rocky, sandy, or serpentine soils, generally after fire;	400-1800 m	No Referenced Soil Type Found For Species.	Apr-Jun
151	<u>144</u>	<i>Ephedra californica</i>	California desert tea, Cañatillo, Desert tea	Ephedraceae	S	3	Cuyama Peak 3411974	Scattered in arid grassland, chaparral, creosote-bush scrub	70-1300 m	Clay, Silty clay loam, Clay loam, Sandy clay loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock	Mar-Apr.
152	<u>145</u>	<i>Epilobium ciliatum</i> subsp. <i>Glandulosum</i>	Sticky northern willowherb	Onagraceae	AH	4	Sawmill Mountain 3411972, Alamo Mountain 3411868, Black Mtn. 3411867, Reyes Peak 3411963, White Ledge Peak 3411944, Oxnard 3411922, 3411923,	Red Fir Forest, Lodgepole Forest, Subalpine Forest, wetland-riparian	< 3500 m	Decomposed plant material, Loam, Sandy loam, Bedrock	Jun-Oct
153	<u>145</u>	<i>Epilobium densiflorum</i>	Dense-flowered spike-primrose	Onagraceae	AH	3	Cuddy Valley 3411971, Lockwood Valley 3411961, Alamo Mountain 3411868, Simi 3411837	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Foothill Woodland, Chaparral, Valley Grassland, many plant communities	< 2600 m	Clay, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Decomposed plant material	May-Oct

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154	<u>146</u>	<i>Epilobium glaberrimum subsp. glaberrimum</i>	Waxy willow-herb, Glaucus willowherb	Onagraceae	AH	4	Alamo Mountain 3411868, Sawmill Mountain 3411972	Well-drained, gravelly soils, streambanks,	150-3000 m	Occurs usually in wetlands, occasionally in non wetlands	Jun-Sep
155	<u>147</u>	<i>Epilobium halleanum</i>	Hall's willowherb	Onagraceae	PH	2	Sawmill Mountain 3411972,	Moist meadows, streambanks	100-3700 m	Decomposed plant material, Sandy loam	Jun-Sep

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156	<u>148</u>	<i>Epilobium minutum</i>	Chaparral willowherb	Onagraceae	AH	1	Sawmill Mountain 3411972, Lockwood Valley 3411961, Alamo Mountain 3411868, Lion Canyon 3411952, Old Man Mountain 3411954	Yellow Pine Forest, Mixed Evergreen Forest, Foothill Woodland, Chaparral	15-2320 m	Clay, Clay loam, Loam, Sandy loam, Bedrock, Rocky, Decomposed plant material	Apr-Sep
157	<u>149</u>	<i>Epilobium ravenii</i>	California willowherb	Onagraceae	AH	2	San Guillermo 3411962, Rancho Nuevo Creek 3411964	Dry, open, disturbed areas	20-1900 m	No Referenced Soil Type Found For Species.	Apr-Aug
158	<u>150</u>	<i>Eragrostis pectinacea</i> <i>var. miserrima</i>	Gulf lovegrass	Poaceae	AG	1	Thousand Oaks 3411827, Saticoy 3411932	wetland-riparian	< 500 m	No Referenced Soil Type Found For Species.	Jul-Nov
159	<u>151</u>	<i>Ericameria cooperi</i> <i>var. cooperi</i>	Cooper goldenbush	Asteraceae	S	2	Alamo Mountain 3411868	Creosote Bush Scrub, Joshua Tree Woodland	300-2000 m	Loam	Mar-Jun

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160	<u>152</u>	<i>Ericameria parryi</i> var. <i>aspera</i>	Parry rabbitbrush, Rough rabbitbrush	Asteraceae	S	3	Sawmill Mountain 3411972, Frazier Mtn. 3411878, Alamo Mountain 3411868,	Dry forest to alpine barrens	1900-3300 m	Loam, Sandy loam	Jul-Sep
161	<u>153</u>	<i>Eriogonum thurberi</i>	Thurber's wild buckwheat	Polygonaceae	AH	1	Simi 3411837	Coastal Sage Scrub, Creosote Bush Scrub, Chaparral, Joshua Tree Woodland	100-1200 m.	Sand	All year
162	<u>154</u>	<i>Eriogonum wrightii</i> var. <i>membranaceum</i>	Right-stem Bastard- sage	Polygonaceae	S	1	Thousand Oaks 3411827, Calabasas 3411826	Chaparral communities, oak and conifer woodlands	300-2200 m	Gravelly to rocky soils	Jul-Oct

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1											
163	<u>155</u>	<i>Eryngium vaseyi</i>	Coyote thistle	Apiaceae	PH	1	Matilija 3411943, Ventura 3411933	Valley Grassland, wetland-riparian	0 to 1410 m	Clay loam, Loam, Sandy loam	May-Jun
164	<u>156</u>	<i>Euphorbia melanadenia</i>	Red-gland spurge	Asteraceae	PH	3	Oxnard 3411922, Ventura 3411933, Simi 3411837	Chaparral: Dry, stony slopes or flats	< 1300 m	Loam, Sandy loam	Dec-May
165	<u>157</u>	<i>Euphorbia micromera</i>	Sonoran spurge, Sonoran sandmat	Euphorbiaceae	AH	1	Moorpark 3411838	Creosote Bush Scrub	< 1000 m	No Referenced Soil Type Found For Species.	Apr-Jun, Sep-Dec
166	<u>158</u>	<i>Euphorbia ocellata</i> subsp. <i>ocellata</i>	Valley spurge	Euphorbiaceae	AH	2	Apache Canyon 3411973, Reyes Peak 3411963, Devils Heart Peak 3411858,	Dry, sandy places	< 500m	Clay, Loam, Sandy loam	May-Sep

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167	<u>159</u>	<i>Euphorbia polycarpa</i> <i>var. hirtella</i>	Smallseed sandmat; Hairy golondrina	Euphorbiaceae	PH	1	Point Mugu 3411911, Newbury Park 3411828, Thousand Oaks 3411827, Simi 3411837, Moorpark 3411838	Coastal Sage Scrub, Creosote Bush Scrub, Chaparral	< 1000 m	Decomposed plant material, Clay, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Variable	All year
168	<u>160</u>	<i>Galium californicum</i> subsp. <i>flaccidum</i>	California bedstraw	Rubiaceae	PH	2	□ Matilija 3411943, Wheeler Springs 3411953, Frazier Mtn. 3411878	It grows mainly in moist shady to open places in conifer or mixed forest woodlands, chaparral, sea cliffs, hillsides.	15-1520 m	Decomposed plant material, Clay loam, Loam, Sandy loam, Loamy sand, Sand	Mar-Jul
169	<u>161</u>	<i>Gamochaeta ustulata</i>	Featherweed	Asteraceae	BH	1	Matilija 3411943	Dunes, bluffs, fields, disturbed sites	0 to 2340 m	Decomposed plant material, Clay loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Variable	Apr-Jul

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170	<u>162</u>	<i>Garrya elliptica</i>	Silk-tassel bush	Garryaceae	S	2-3*	Ojai 3411942	Northern Coastal Scrub, Mixed Evergreen Forest, Chaparral	< 800 m	Decomposed plant material, Clay, Clay loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Variable	Jan-Mar
171	<u>163</u>	<i>Geranium californicum</i>	California cranesbill, California geranium	Geraniaceae	PH	1	Cuddy Valley 3411971, Frazier Mtn.	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, wetland-riparian	1000-3000 m	Loam, Sandy loam	Apr-Aug
172	<u>164</u>	<i>Gilia latiflora</i> subsp. <i>davyi</i>	Davy broad-flowered gilia	Polemoniaceae	AH	3	Ballinger Canyon 3411984, □ Santiago Creek 3411983, Reyes Peak 3411963, Alamo Mountain 3411868, Wheeler Springs 3411953, Piru 3411847	Open, sandy flats	400-1700 m	Sandy loam	Mar-May

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1	<u>165</u>	<i>Hesperochiron nanus</i>	California hesperochiron	Boraginaceae	PH	5	Cuddy Valley 3411971, Lockwood Valley 3411961	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, wetland-riparian	770-2620 m	Decomposed plant material, Loam, Sandy loam	Apr-Jul

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174	<u>166</u>	<i>Heterotheca subaxillaris</i> subsp. <i>latifolia</i>	Camphor weed	Asteraceae	AH/BH	1	Ventura 3411933,	Creosote Bush Scrub	< 1150 m	No Referenced Soil Type Found For Species.	Aug-Oct
175	<u>167</u>	<i>Hieracium albiflorum</i>	White hawkweed	Asteraceae	PH	2	Reyes Peak 3411963	Redwood Forest, Douglas-Fir Forest, Yellow Pine Forest, Red Fir Forest, Lodgepole Forest	< 3300 m	Decomposed plant material, Clay loam, Loam, Sandy loam, Bedrock, Rocky	May-Sep
176	<u>175</u>	<i>Hordeum brachyantherum</i> subsp. <u><i>brachyantherum</i></u>	Northern barley, Meadow barley	Peaceae	AG	2	Lockwood Valley 3411961, Devils Heart Peak 3411858, Santa Paula 3411931, Thousand Oaks 3411827, Point Mugu 3411911	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Foothill Woodland, Chaparral, Valley Grassland, Alpine Fell fields, wetland-riparian, many plant communities	< 3400 m	Clay, Silty clay, Clay-loam, Loam, Sandy loam, Bedrock, Rocky	May-Aug
177	<u>168</u>	<i>Hornungia procumben</i>	Prostate hutchinsia	Brassicaceae	AH	1	San Guillermo 3411962, Oxnard 3411922, Point Mugu 3411911, 3411912	Saline flats, shaded sites, woodland, desert, meadows, salt marshes, sagebrush scrub	< 2900 m	No Referenced Soil Type Found For Species.	Feb-Jul

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178	<u>169</u>	<i>Hydrocotyle verticillata</i>	Marsh pennywort	Araliaceae	PH	4	3411923, Santa Paula 3411931, Matilija 3411943	wetland-riparian; Lake margins, ponds, slow-moving streams, canals, seeps, springs, marshes	< 1400 m	Clay, Clay loam, Loam, Sandy loam, Sand, Variable, Muck/Peat	Apr-Sep
179	<u>170</u>	<i>Isoetes howellii</i>	Howell quillwort	Isoetaceae	PF	1	Matilija 3411943	wetland-riparian,: Vernal pools, lake margins	< 1500	Clay, Clay loam, Loam, Sandy loam	Apr-Mar
180	<u>171</u>	<i>Juncus macrandrus</i>	Long-anthered rush	Juncaceae	PG	2	Sawmill Mountain 3411972, Frazier Mtn. 3411878	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, wetland-riparian	1200-2900 m	Decomposed plant material, Loam, Sandy loam	Jul-Oct
181	<u>172</u>	<i>Juncus patens</i>	Spreading rush	Juncaceae	PG	5	□ White Ledge Peak 3411944, Ventura 3411933, Newbury Park 3411828	wetland-riparian, many plant communities	< 1600 m	Clay, Clay loam, Silt loam, Loam, Sandy loam, Sand, Bedrock, Variable, Decomposed plant material	Jun-Oct
182	<u>173</u>	<i>Kopsiopsis strobilacea</i>	California ground cone	Orobanchaceae	PH	5	Lion Canyon 3411952, Santa Paula Peak 3411941	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Foothill Woodland, Chaparral, Valley Grassland, many plant communities	< 3000 m	Decomposed plant material, Clay loam, Loam, Sandy loam, Bedrock	Apr-Jun
183	<u>174</u>	<i>Lemna aequinoctialis</i>	Lesser duckweed	Asteraceae	AG	1	Ventura 3411933	wetland-riparian	< 200 m	No Referenced Soil Type Found For Species.	Sep-Dec

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184	<u>175</u>	<i>Lemna minor</i>	Duckweed, Smaller duckweed	Araceae	AG	2	Matilija 3411943 Ventura 3411933,	Occurs in wetlands	< 2000 m	Clay, Silty clay loam, Clay loam, Silt loam, Loam, Sandy loam, Sand, Decomposed plant material	Aug
185	<u>176</u>	<i>Lemna turionifera</i>	Turion duckweed	Araceae	AG	4	Santa Paula 3411931, Ventura 3411933,	wetland-riparian: Freshwater	< 3000 m	No Referenced Soil Type Found For Species.	Aug
186	<u>177</u>	<i>Lepidium dictyotum</i>	Alkali pepperwort, Alkali pepperweed	Brassicaceae	AH	1	Camarillo 341192, □ San Guillermo 3411962	Alkali Sink, Valley Grassland, wetland-riparian. Found in: dry stream beds, roadsides, sandy flats, fields, meadows, dried pools	< 1600 m	Clay loam, Loam	Mar-Jun
187	<u>178</u>	<i>Lessingia glandulifera</i> var. <i>peirsonii</i>	Peirson lessingia	Asteraceae	AH	1	Alamo Mountain 3411868, Wheeler Springs 3411953	Dry foothills, desert washes, roadsides,	300-1850 m	generally in sandy soil	May-Sep
188	<u>179</u>	<i>Limosella aquatica</i>	Mudwort, Northern mudwort	Plantaginaceae	AH	1	□ Lockwood Valley 3411961	Freshwater Wetlands, Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Foothill Woodland, Chaparral, Valley Grassland, Alpine Fell-fields, wetland-riparian, many plant communities	< 3200 m	Sandy loam	Jun-Sep
189	<u>180</u>	<i>Logfia depressa</i>	Hierba limpa	Asteraceae	AH	1	Newbury Park 3411828	Creosote Bush Scrub, Joshua Tree Woodland	< 1500 m	Loam, Sandy loam, Loamy sand, Sand	Feb-May

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190	<u>181</u>	<i>Lycium andersonii</i>	Anderson desert-thorn	Solanaceae	S	1	Ballinger Canyon 3411984, Cuyama Peak 3411974, Santa Susana 3411836	Coastal Sage Scrub, Sagebrush Scrub, Creosote Bush Scrub, Chaparral, Pinyon-Juniper Woodland	< 1900 m	Loam, Sandy loam, Loamy sand, Sand, Bedrock, Rocky, Variable	Mar-May
191	<u>182</u>	<i>Madia sativa</i>	Coast tarweed	Asteraceae	AH	4	Wheeler Springs 3411953, Lion Canyon 3411952, Matilija 3411943, Thousand Oaks 3411827	Grassy open sites, characteristic of disturbed places, many plant communities	< 1000 m	Clay, Clay loam, Loam, Sandy loam, Loamy sand, Sand, Variable, Decomposed plant material	May-Oct
192	<u>183</u>	<i>Malacothrix glabrata</i>	Desert dandelion	Asteraceae	AH	2	Wheeler Springs 3411953	Shadscale Scrub, Creosote Bush Scrub, Joshua Tree Woodland	< 2000 m	Coarse soils: Clay loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock	Mar-Jun
193	<u>184</u>	<i>Marsilea vestita</i> subsp. <i>vestita</i>	Hairy pepperwort,	Marsiliaceae	PF	3	Ojai 3411942, Matilija 3411943, Simi 3411837	Shadscale Scrub, Creosote Bush Scrub, Joshua Tree Woodland	< 2200 m	Clay, Clay loam, Loam, Sandy loam	Apr-Oct
194	<u>185</u>	<i>Meconella denticulata</i>	Small flowered meconella	Papaveraceae	AH	5	Wheeler Springs 3411953, Matilija 3411943, Cobblestone Mtn. 3411857, Piru 3411847, Santa Susana 3411836	Coastal Sage Scrub, Chaparral	< 1250 m	Sandy loam, Sand	Mar-Jun

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195	<u>186</u>	<i>Microseris douglasii</i> subsp. <i>douglasii</i>	Douglas' microseris, Douglas' silverpuffs	Asteraceae	AH	3	Rancho Nuevo Creek 3411964, Ventura 3411933, Oxnard 3411922, Newbury Park 3411828, Thousand Oaks 3411827	grassland, often near vernal pools or serpentine outcrops	< 1100 m	Decomposed plant material, Clay, Clay loam, Loam, Sandy loam	Mar-Jun
196	<u>187</u>	<i>Microseris douglasii</i> subsp. <i>tenella</i>	Slender douglas microseris	Asteraceae	AH	1	Newbury Park 3411828	grassland, often near vernal pools or serpentine outcrops	< 500 m	Decomposed plant material, Clay, Clay loam, Loam	Mar-Jun
197	<u>188</u>	<i>Mirabilis multiflora</i> var. <i>pubescens</i>	Froebel four o'clock, Colorado four o'clock	Nyctaginaceae	PH	2	Ballinger Canyon 3411984, Cuyama Peak 3411974,	Creosote Bush Scrub, Pinyon- Juniper Woodland: Dry, rocky or sandy places	50-2100 m	Loam, Sandy loam	Apr-Aug
198	<u>189</u>	<i>Morella californica</i>	California wax-myrtle,	Myricaceae	S	1	Ventura 3411933	Coastal Strand, Northern Coastal Scrub, Closed-cone Pine Forest, Redwood Forest, wetland-riparian	< 150 m	Decomposed plant material, Clay loam, Loam, Sandy loam, Loamy sand, Sand, Variable	Mar-Apr

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199	<u>190</u>	<i>Myosurus minimus</i>	Common mousetails	Ranunculaceae	AH	1	Ballinger Canyon 3411984, Apache Canyon 3411973, Rancho Nuevo Creek 3411964, Reyes Peak 3411963, Lockwood Valley 3411961	Freshwater Wetlands, Coastal Sage Scrub, Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Northern Oak Woodland, Foothill Woodland, Chaparral, wetland-riparian	< 2100 m	Clay, Clay loam, Loam, Sandy loam, Sand	Apr-Jun
200	<u>191</u>	<i>Myriopteris cooperae</i>	Cooper's lip-fern	Pteridaceae	PF	2	Ventura 3411933	Coastal Sage Scrub, Foothill Woodland, Chaparral	100-800 m	Loam	Late Spring-summer
201	<u>192</u>	<i>Myriopteris newberryi</i>	Newberry's lip fern	Pteridaceae	PF	4	Camarillo 3411921, Newbury Park 3411828, Thousand Oaks 3411827	Coastal Sage Scrub, Chaparral	100-800 m	No Referenced Soil Type Found For Species.	May - Aug
202	<u>193</u>	<i>Nemacladus capillaris</i>	Common nemacladus	Campanulaceae	AH	1	Lion Canyon 3411952	Yellow Pine Forest, Chaparral	400-2100 m	Decomposed plant material, Loam, Sandy loam, Rocky	May-Jul
203	<u>194</u>	<i>Opuntia basilaris</i> var. <i>basilaris</i>	Beavertail cactus	Cactaceae	S	1	Alamo Mountain 3411868, Newbury Park 3411828,	Desert to pinyon/juniper woodland	150-2200 m	Loam, Sandy loam, Loamy sand, Sand, Bedrock	Mar-Jun

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204	<u>195</u>	<i>Papaver californicum</i>	Fire poppy	Papaveraceae	AH	5	Old Man Mountain 3411954, Matilija 3411943, Santa Susana 3411836, Thousand Oaks 3411827	Northern Oak Woodland, Southern Oak Woodland, Chaparral	< 1200 m	Decomposed plant material, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock	Apr-May
205	<u>204</u>	<i>Perityle emoryi</i>	Emory's rock daisy	Asteraceae	AH	4	Triunfo Pass 3411818, Point Mugu 3411911	Coastal Sage Scrub, Creosote Bush Scrub	< 1300 m	Decomposed plant material, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Rocky, Variable	Jan-Jun, Oct-Nov
206	<u>200</u>	<i>Phacelia grisea</i>	Grey phacelia, white-flowered phacelia	Boraginaceae	AH	1	Santa Paula Peak 3411941, Wheeler Springs 3411953	Chaparral	300-1200 m	Clay loam, Loam, Sandy loam	Apr-Jul
207	<u>201</u>	<i>Phyla lanceolata</i>	Narrowleaf frog-fruit, Lance leaf lippia	Verbenaceae	PH	1	Thousand Oaks 3411827	Freshwater Wetlands, Valley Grassland, wetland-riparian	< 400 m	No Referenced Soil Type Found For Species.	May-Nov
208	<u>202</u>	<i>Pilularia americana</i>	American pillwort	Marsiliaceae	PF	2	□ Lockwood Valley 3411961, Matilija 3411943	Valley Grassland, wetland-riparian	< 2000 m	Silt loam, Loam, Sandy loam	Jun-Jul
209	<u>203</u>	<i>Pinus flexilis</i>	Limber pine	Pinaceae	T	1	Sawmill Mountain 3411972, □	Lodgepole Forest, Subalpine Forest, Bristle-cone Pine Forest	1830-3700 m	Loam, Sandy loam, Loamy sand, Bedrock	Jun-Aug
210	<u>204</u>	<i>Pinus sabiniana</i>	Foothill, Ghost, or Gray pine	Pinaceae	T	1	□ Cobblestone Mtn. 3411857	Foothill Woodland, northern oak woodland, chaparral	150-1500 m	Clay, Silty clay loam, Clay loam, Sandy clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Rocky, Variable, Decomposed plant material	Feb-Mar

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211	<u>205</u>	<i>Plagiobothrys undulatus</i>	Wavy-stemmed popcornflower	Boraginaceae	AH	1	Ojai 3411942, □ Matilija 3411943, Newbury Park 3411828	Foothill Woodland, Chaparral, Valley Grassland, wetland-riparian, many plant communities	< 400 m	Sandy loam	Mar-Jun
212	<u>206</u>	<i>Platanthera sparsiflora</i>	Sparse-flowered bog orchid	Orchidaceae	PG	1-2*	□ Sawmill Mountain 3411972, Cuddy Valley 3411971	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, wetland-riparian	100-3400 m	Decomposed plant material, Loam, Sandy loam, Bedrock	May-Sep
213	<u>207</u>	<i>Polygonum polygaloides</i> subsp. <i>kelloggii</i>	Kellogg knotweed	Polygonaceae	AH	1	Sawmill Mountain 3411972	Sagebrush Scrub, Lodgepole Forest, Subalpine Forest, Alpine Fell-fields, wetland-riparian	1500-3300 m	Clay, Loam, Sandy loam, Bedrock	Jun-Sep
214	<u>208</u>	<i>Polystichum imbricans</i> subsp. <i>Imbricans</i>	Imbricate sword fern	Dryopteridaceae	PF	1	□ White Ledge Peak 3411944	Shaded or exposed outcrops, banks, slopes, rocky areas;	300-2500 m	Decomposed plant material, Loam, Sandy loam, Loamy sand, Bedrock	
215	<u>209</u>	<i>Primula clevelandii</i> var. <i>patula</i>	Padre's shooting star	Primulaceae	PH	3	Triunfo Pass 3411818, Newbury Park 3411828	Moist Areas	30 to 1380 meters	Decomposed plant material, Clay, Silty clay loam, Clay loam, Silt loam, Loam, Sandy loam, Loamy sand	Mar-May

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216	<u>210</u>	<i>Primula tetrandra</i>	Alpine shooting star	Primulaceae	PH	2	□ Sawmill Mountain 3411972	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Alpine Fell-fields, wetland-riparian	1700-3400 m	No Referenced Soil Type Found For Species.	Jun-Aug
217	<u>211</u>	<i>Pyrola picta</i>	White-veined wintergreen	Ericaceae	PH	2	Sawmill Mountain 3411972, San Guillermo 3411962	Redwood Forest, Yellow Pine Forest, Red Fir Forest, Lodgepole Forest	400-2400 m	Decomposed plant material, Loam, Sandy loam, Bedrock, Rocky	Jun-Aug
218	<u>212</u>	<i>Quercus palmeri</i>	Palmer's oak	Fagaceae	T	1	Simi 3411837, Thousand Oaks 3411827	Chaparral	300-1600 m	Decomposed plant material, Clay, Loam, Sandy loam	Apr-May
219	<u>213</u>	<i>Ribes amarum</i>	Bitter gooseberry	Grossulariaceae	S	1	Reyes Peak 3411963, Santa Paula Peak 3411941, White Ledge Peak 3411944	Yellow Pine Forest, Foothill Woodland, Chaparral	15-1910 m	Decomposed plant material, Clay loam, Loam, Sandy loam	Feb-Apr
220	<u>214</u>	<i>Ribes aureum var. gracillimum</i>	Slender golden currant	Grossulariaceae	S	4	Wheeler Springs 3411953, □ Lion Canyon 3411952, □ Matilija 3411943, Ventura 3411933	wetland-riparian, Alluvial areas, forest edges	105-910 m	Silty clay loam, Loam, Sandy loam, Sand	Feb-May

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221	<u>215</u>	<i>Rorippa curvisiliqua</i>	Curved-pod watercress	Brassicaceae	AH	4	Reyes Peak 3411963, Lockwood Valley 3411961, □ Alamo Mountain 3411868, Matilija 3411943, Thousand Oaks 3411827, Triunfo Pass 3411818	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, Foothill Woodland, Chaparral, Valley Grassland, Alpine Fell-fields, wetland-riparian, many plant communities	< 3500 m	Clay loam, Silt loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Variable, Decomposed plant material	May-Oct
222	<u>216</u>	<i>Rumex transitorius</i>	Willow dock	Polygonaceae	PH	1	Ventura 3411933	Yellow Pine Forest, Foothill Woodland, Chaparral, Valley Grassland, wetland-riparian, many plant communities	< 2250 m	Loam, Sandy loam	Apr-Jun
223	<u>217</u>	<i>Salicornia bigelovii</i>	Bigelow pickleweed	Chenopodiaceae	AH	1	□ Point Mugu 3411911	Coastal Salt Marsh, wetland- riparian	< 20 m	Sand, Variable	Jul-Nov
224	<u>218</u>	<i>Salicornia depressa</i>	Pickleweed, Virginia glasswort	Chenopodiaceae	AH	2	□ Point Mugu 3411911, Oxnard 3411922, Ventura 3411933	Coastal Salt Marsh, wetland- riparian	< 610 m	Clay, Muck/Peat, Silty clay, Silty clay loam, Clay loam, Loam, Sand, Variable	Jul-Sep
225	<u>219</u>	<i>Salvia carduacea</i>	Thistle sage	Lamiaceae	PH	1	□ Ballinger Canyon 3411984, □ Apache Canyon 3411973, Cuyama Peak 3411974, □ Rancho Nuevo Creek 3411964, Simi 3411837	Coastal Sage Scrub, Creosote Bush Scrub, Valley Grassland	< 1400 m	Clay loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock	Mar-May

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226	<u>220</u>	<i>Salvia dorrii</i> var. <i>pilosa</i>	Pilose desert sage, Hairy sage	Lamiaceae	S	2	□ Cuddy Valley 3411971, □ Alamo Mountain 3411868, □ Black Mtn. 3411867,	Desert slopes, washes, dry rocky places	300-1900 m	No Referenced Soil Type Found For Species.	May-Jul
227	<u>221</u>	<i>Samolus parviflorus</i>	Seaside brookweed	Theophrastaceae	PH	1	Triunfo Pass 3411818	Coastal Sage Scrub, Chaparral, wetland-riparian	< 1300 m	Clay, Muck/Peat, Clay loam, Sandy loam, Sand	Spring-summer
228	<u>222</u>	<i>Schoenoplectus saximontanus</i>	Rocky mountain bulrush	Cyperaceae	AG	1	□ Simi 3411837, Matilija 3411943	wetland-riparian	< 2200 m	Clay, Muck/Peat, Clay loam, Sandy loam, Sand	Summer
229	<u>223</u>	<i>Sidothea trilobata</i>	Three-lobed starry puncturebract; Three-lobed oxytheca	Polygonaceae	AH	1	□ Reyes Peak 3411963, Lion Canyon 3411952, Cobblestone Mtn. 3411857,	Yellow Pine Forest, Chaparral	700-2100 m	Loam, Sandy loam, Loamy sand	Apr-Sep
230	<u>224</u>	<i>Symphoricarpos albus</i> var. <i>laevigatus</i>	Common snowberry	Caprifoliaceae	S	2	Frazier Mtn. 3411878, □ Lion Canyon 3411952, Ventura 3411933	Yellow Pine Forest, Mixed Evergreen Forest, Foothill Woodland: Shady woodland, streambanks, northern slopes	< 1200 m	Decomposed plant material, Clay, Clay loam, Silt loam, Loam, Sandy loam, Sand	May-Jul

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231	<u>225</u>	<i>Symphotrichum lanceolatum</i> var. <i>hesperium</i>	Siskiyou aster, Western lance leaf aster	Asteraceae	PH	2	Cuddy Valley 3411971	Sagebrush Scrub, Southern Oak Woodland, Chaparral, wetland-riparian	< 2000 m	Clay loam, Loam, Sandy loam	Jul-Aug
232	<u>226</u>	<i>Torreyostellaria jamesiana</i>	False chickweed, Tuber starwort	Caryophyllaceae	PH	1	Frazier Mtn. 3411878	Yellow Pine Forest, Red Fir Forest, sagebrush-grassland, dry understory of conifer forest	1400-2700 m	Decomposed plant material, Loam, Sandy loam	Jun-Aug
233	<u>227</u>	<i>Trifolium bifidum</i>	Pinole clover	Fabaceae	AH	1	Ventura 3411933	Open, grassy areas, oak chaparral, forest;	< 1000 m	Decomposed plant material, Clay loam, Loam, Sandy loam	Apr-Jun
234	<u>228</u>	<i>Veratrum californicum</i> var. <i>californicum</i>	California false hellebore	Melanthiaceae	PG	1	Sawmill Mountain 3411972	Douglas-Fir Forest, Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, wetland-riparian	< 3500 m	Decomposed plant material, Muck/Peat, Loam, Sandy loam, Bedrock	Jul-Aug

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235	<u>229</u>	<i>Verbena bracteata</i>	Prostrate verbena	Verbenaceae	AH/BH	2-3*	□ Ojai 3411942, Matilija 3411943 ,Simi 3411837	Yellow Pine Forest, Foothill Woodland, Chaparral, Valley Grassland, wetland-riparian, weed, characteristic of disturbed places, many plant communities	< 2200 m	Clay, Clay loam, Loam, Sandy loam	May-Oct
236	<u>230</u>	<i>Veronica serpyllifolia</i> subsp. <i>humifusa</i>	Tyme-leaved speedwell	Plantaginaceae	AH	2	□ Cuddy Valley 3411971	Yellow Pine Forest, Red Fir Forest, Lodgepole Forest, Subalpine Forest, weed, characteristic of disturbed places	< 3200 m	Decomposed plant material, Loam, Sandy loam	Apr-Aug
237	<u>231</u>	<i>Diplacus bolanderi</i>	Bolander's Monkeyflower	Phrymaceae	AH	2	Wheeler Springs 3411953; Lion Canyon 3411952	Granite outcrops, burns, openings in chaparral, disturbed areas	~ 300--1700 m	Loam, Sandy loam, Bedrock	Apr-Jul
238	<u>232</u>	<i>Layia hieracioides</i>	Hawkweed layia, Tall layia, Tall tidytips	Asteraceae	AH	1	Lion Canyon 3411952	Coastal Sage Scrub, Mixed Evergreen Forest, Foothill Woodland, Chaparral; Open, semi-shady, or disturbed sites, in light soil.	< 1200 m	Decomposed plant material, Clay, Clay loam, Loam, Sandy loam, Loamy sand, Sand, Bedrock, Roc ky	Apr-Jul
239	*See https://rareplants.cnps.org/Home/Glossary#_Toc72398833										
240	Notes: Scientific nomenclature follows the Flora of North America (1993-2011). The most current taxonomy is followed when changes have occurred since publication of the above listed references, as indicated on the Jepson Herbarium's online eFlora pages (http://ucjeps.berkeley.edu/IJM.html). Common names follow Abrams and Ferris (1960), Neihaus and Ripper (1976), and DeGarmo (1980).										

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241		<p>Habit definitions: AF = annual fern or fern ally AG = annual grass or graminoid AH = annual herb BH = biennial herb PF = perennial fern or fern ally</p>	<p>PG = perennial grass or graminoid PH = perennial herb PV = perennial vine S = shrub T = tree</p>								