

1 Supporting Information

2 **Table S-1.** List of species used in SLR analysis and related characteristics. Also shows total number of occurrences for each species

3 and how many are exposed to inundation, flooding, and cliff and dune erosion.

Name	Family	Life History	Habitat Type	Federal listed	State listed	Number of Occurrences				
						Total	Threatened by Inundation	Threatened by Flooding	Threatened by Dune Erosion	Threatened by Cliff Erosion
<i>Agrostis hooveri</i>	Poaceae	Perennial Herb	Chaparral	None	None	21	0	0	0	0
<i>Allium hickmanii</i>	Alliaceae	Perennial Herb	Prairie	None	None	8	0	2	0	0
<i>Aphanisma blitoides</i>	Chenopodiaceae	Annual Herb	Coastal Sage Scrub	None	None	2	0	0	0	1
<i>Arctostaphylos cruzensis</i>	Ericaceae	Perennial Shrub	Chaparral	None	None	14	0	1	0	0
<i>Arctostaphylos hookeri</i> ssp. <i>hearthiorum</i>	Ericaceae	Perennial Tree/Shrub	Salt Marsh	None	Endangered	5	0	0	0	0
<i>Arctostaphylos morroensis</i>	Ericaceae	Perennial Shrub	Coastal Strand	Threatened	None	7	2	3	2	1
<i>Arctostaphylos pechoensis</i>	Ericaceae	Perennial Shrub	Chaparral	None	None	12	0	0	0	0
<i>Arctostaphylos purissima</i>	Ericaceae	Perennial Shrub	Chaparral	None	None	9	0	0	0	0
<i>Arctostaphylos rudis</i>	Ericaceae	Perennial Shrub	Chaparral	None	None	21	1	1	0	1
<i>Arenaria paludicola</i>	Caryophyllaceae	Perennial Herb	Freshwater Marsh	Endangered	Endangered	11	1	1	1	0
<i>Astragalus didymocarpus</i> var. <i>milesianus</i>	Fabaceae	Annual Forb	Coastal Sage Scrub	None	None	11	2	2	1	1
<i>Astragalus pycnostachyus</i> var. <i>lanosissimus</i>	Fabaceae	Perennial Herb	Salt Marsh	Endangered	Endangered	3	2	2	0	0
<i>Atriplex coulteri</i>	Chenopodiaceae	Perennial Herb	Coastal Strand	None	None	6	3	5	1	3
<i>Atriplex serenana</i> var. <i>davidsonii</i>	Chenopodiaceae	Annual Herb	Coastal Sage Scrub	None	None	6	0	3	1	2
<i>Baccharis plummerae</i> ssp. <i>glabrata</i>	Asteraceae	Perennial Shrub	Coastal Sage Scrub	None	None	2	1	1	0	0
<i>Bloomeria humilis</i>	Themidaceae	Perennial Herb	Chaparral	None	Rare	2	1	1	0	0
<i>Calochortus clavatus</i> var. <i>recurvifolius</i>	Liliaceae	Perennial Herb	Chaparral	None	None	5	1	1	0	0
<i>Calochortus obispoensis</i>	Liliaceae	Perennial Herb	Chaparral	None	None	31	0	0	0	0
<i>Calochortus simulans</i>	Liliaceae	Perennial Herb	Chaparral	None	None	35	0	0	0	0

Name	Family	Life History	Habitat Type	Federal listed	State listed	Number of Occurrences				
						Total	Threatened by Inundation	Threatened by Flooding	Threatened by Dune Erosion	Threatened by Cliff Erosion
<i>Calystegia sepium ssp. binghamiae</i>	Convolvulaceae	Perennial Herb	Salt Marsh	None	None	1	0	1	0	0
<i>Calystegia subacaulis ssp. episcopalis</i>	Convolvulaceae	Perennial Herb	Chaparral	None	None	25	0	2	0	0
<i>Camissonia hardhamiae</i>	Onagraceae	Annual Herb	Chaparral	None	None	12	0	0	0	0
<i>Carex obispoensis</i>	Cyperaceae	Perennial Herb	Prairie	None	None	23	1	3	0	0
<i>Castilleja ambigua ssp. insalutata</i>	Orobanchaceae	Annual Herb	Marsh	None	None	4	2	3	0	0
<i>Castilleja densiflora ssp. obispoensis</i>	Orobanchaceae	Annual herb	Grassland	None	None	42	5	7	0	0
<i>Ceanothus hearstiorum</i>	Rhamnaceae	Perennial Shrub	Prairie	None	Rare	6	0	0	0	0
<i>Ceanothus maritimus</i>	Rhamnaceae	Perennial Shrub	Chaparral	None	Rare	4	1	1	0	0
<i>Centromadia parryi ssp. australis</i>	Asteraceae	Annual Herb	Marsh	None	None	11	1	6	2	3
<i>Centromadia parryi ssp. congdonii</i>	Asteraceae	Annual Herb	Grassland	None	None	12	0	0	0	0
<i>Centromadia parryi ssp. parryi</i>	Asteraceae	Annual Herb	Chaparral	None	None	1	0	0	0	0
<i>Chloropyron maritimum ssp. maritimum</i>	Orobanchaceae	Annual Herb	Coastal Strand	Endangered	Endangered	13	12	12	1	0
<i>Chorizanthe breweri</i>	Polygonaceae	Annual Herb	Chaparral	None	None	30	1	1	1	0
<i>Chorizanthe pungens var. pungens</i>	Polygonaceae	Annual Herb	Coastal Strand	Threatened	None	1	1	1	0	0
<i>Chorizanthe rectispina</i>	Polygonaceae	Annual Herb	Chaparral	None	None	21	0	0	0	0
<i>Cirsium fontinale var. obispoense</i>	Asteraceae	Perennial Herb	Chaparral	Endangered	Endangered	13	0	0	0	0
<i>Cirsium occidentale var. compactum</i>	Asteraceae	Perennial Herb	Coastal Strand	None	None	12	7	7	0	2
<i>Cirsium rhotophilum</i>	Asteraceae	Perennial Herb	Coastal Strand	None	Threatened	24	19	21	13	12
<i>Cirsium scariosum var. loncholepis</i>	Asteraceae	Perennial Herb	Coastal Strand	Endangered	Threatened	19	3	3	2	0
<i>Cladium californicum</i>	Cyperaceae	Perennial Herb	Freshwater Marsh	None	None	3	0	0	0	0
<i>Clarkia speciosa ssp. immaculata</i>	Onagraceae	Annual Herb	Chaparral	Endangered	Rare	19	0	0	0	0
<i>Cordylanthus rigidus ssp. littoralis</i>	Orobanchaceae	Annual Herb	Coastal Strand	None	Endangered	21	0	0	0	0
<i>Deinandra increscens ssp. villosa</i>	Asteraceae	Annual Herb	Coastal Bluffs	Endangered	Endangered	49	0	3	0	2

Name	Family	Life History	Habitat Type	Federal listed	State listed	Number of Occurrences				
						Total	Threatened by Inundation	Threatened by Flooding	Threatened by Dune Erosion	Threatened by Cliff Erosion
<i>Delphinium parryi</i> ssp. <i>blochmaniae</i>	Ranunculaceae	Perennial Herb	Coastal Strand	None	None	15	0	0	0	0
<i>Dithyrea maritima</i>	Boraginaceae	Perennial Herb	Coastal Strand	None	Threatened	14	8	9	10	1
<i>Dudleya abramsii</i> ssp. <i>bettinae</i>	Crassulaceae	Perennial Herb	Chaparral	None	None	8	0	1	0	0
<i>Dudleya abramsii</i> ssp. <i>murina</i>	Crassulaceae	Perennial Herb	Chaparral	None	None	27	0	0	0	0
<i>Dudleya blochmaniae</i> ssp. <i>blochmaniae</i>	Crassulaceae	Perennial Herb	Grassland	None	None	21	1	1	1	1
<i>Dudleya parva</i>	Crassulaceae	Perennial Herb	Coastal Sage Scrub	Threatened	None	11	0	0	0	0
<i>Dudleya verityi</i>	Crassulaceae	Perennial Herb	Chaparral	Threatened	None	3	0	0	0	0
<i>Erigeron blochmaniae</i>	Asteraceae	Perennial Herb	Coastal Strand	None	None	23	5	8	7	2
<i>Eriodictyon altissimum</i>	Boraginaceae	Perennial Shrub	Chaparral	Endangered	Endangered	6	0	0	0	0
<i>Eriodictyon capitatum</i>	Boraginaceae	Perennial Shrub	Chaparral	Endangered	Rare	6	0	0	0	0
<i>Eriogonum crocatum</i>	Polygonaceae	Perennial Herb	Chaparral	None	Rare	13	0	0	0	0
<i>Eryngium aristulatum</i> var. <i>hooveri</i>	Apiaceae	Both Herb	Freshwater Marsh	None	None	3	1	1	0	1
<i>Galium californicum</i> ssp. <i>luciense</i>	Rubiaceae	Perennial Herb	Forest	None	None	1	1	1	0	1
<i>Horkelia cuneata</i> ssp. <i>puberula</i>	Rosaceae	Perennial Herb	Chaparral	None	None	22	0	0	0	0
<i>Horkelia cuneata</i> ssp. <i>sericea</i>	Rosaceae	Perennial Herb	Northern Coastal Scrub	None	None	8	0	1	0	0
<i>Lasthenia californica</i> ssp. <i>macrantha</i>	Asteraceae	Annual Herb	Northern Coastal Scrub	None	None	2	2	2	0	0
<i>Lasthenia conjugens</i>	Asteraceae	Annual Herb	Grassland	Endangered	None	1	0	1	1	1
<i>Lasthenia glabrata</i> ssp. <i>coulteri</i>	Asteraceae	Annual Herb	Salt Marsh	None	None	12	6	7	1	0
<i>Layia carnosa</i>	Asteraceae	Annual Herb	Coastal Strand	Endangered	Endangered	2	1	1	0	1
<i>Layia heterotricha</i>	Asteraceae	Annual Herb	Grassland	None	None	45	0	0	0	0
<i>Layia jonesii</i>	Asteraceae	Annual Herb	Chaparral	None	None	12	1	2	1	1
<i>Lonicera subspicata</i> var. <i>subspicata</i>	Caprifoliaceae	Perennial Shrub	Chaparral	None	None	13	0	1	1	0
<i>Lupinus nipomensis</i>	Fabaceae	Annual Herb	Coastal Strand	Endangered	Endangered	7	0	0	0	0
<i>Malacothamnus palmeri</i> var. <i>involucratus</i>	Malvaceae	Perennial Shrub	Chaparral	None	None	4	0	0	0	0

Name	Family	Life History	Habitat Type	Federal listed	State listed	Number of Occurrences				
						Total	Threatened by Inundation	Threatened by Flooding	Threatened by Dune Erosion	Threatened by Cliff Erosion
<i>Malacothamnus palmeri</i> var. <i>palmeri</i>	Malvaceae	Perennial Shrub	Chaparral	None	None	8	1	2	0	1
<i>Malacothrix similis</i>	Asteraceae	Annual Herb	Coastal Sage Scrub	None	None	1	0	1	0	0
<i>Microseris paludosa</i>	Asteraceae	Perennial Herb	Northern Coastal Scrub	None	None	1	0	1	0	0
<i>Mimulus fremontii</i> var. <i>vandenbergensis</i>	Phrymaceae	Annual Herb	Chaparral	Candidate	None	11	0	0	0	0
<i>Monardella crispera</i>	Lamiaceae	Perennial Herb	Coastal Strand	None	None	28	3	5	4	5
<i>Monardella frutescens</i>	Lamiaceae	Perennial Herb	Coastal Strand	None	None	27	6	7	4	2
<i>Monardella palmeri</i>	Lamiaceae	Perennial Herb	Chaparral	None	None	12	1	1	0	0
<i>Monolopia gracilens</i>	Asteraceae	Annual Herb	Forest	None	None	5	2	2	0	0
<i>Nasturtium gambelii</i>	Boraginaceae	Perennial Herb	Freshwater Marsh	Endangered	Threatened	9	1	2	1	0
<i>Orobanche parishii</i> ssp. <i>brachyloba</i>	Orobanchaceae	Perennial Herb	Coastal Strand	None	None	1	1	1	1	0
<i>Pentachaeta lyonii</i>	Asteraceae	Annual Herb	Chaparral	Endangered	Endangered	21	0	0	0	0
<i>Pinus radiata</i>	Pinaceae	Perennial Tree	Forest	None	None	1	0	1	0	0
<i>Sanicula maritima</i>	Apiaceae	Perennial Herb	Prairie	None	Rare	12	0	0	0	0
<i>Scrophularia atrata</i>	Scrophulariaceae	Perennial Herb	Coastal Strand	None	None	44	0	3	1	2
<i>Senecio aphanactis</i>	Asteraceae	Annual Herb	Forest	None	None	10	1	1	1	1
<i>Streptanthus albidus</i> ssp. <i>peramoenus</i>	Boraginaceae	Annual Herb	Chaparral	None	None	18	2	2	1	0
<i>Suaeda californica</i>	Chenopodiaceae	Perennial Shrub	Salt Marsh	Endangered	None	9	5	6	3	1
<i>Suaeda esteroa</i>	Chenopodiaceae	Perennial Herb	Salt Marsh	None	None	3	2	3	1	0
<i>Sulcaria isidiifera</i>	Parmeliaceae	???	???	None	None	2	1	1	0	0
<i>Symphyotrichum defoliatum</i>	Asteraceae	Perennial Herb	Forest	None	None	1	0	0	0	0
<i>Thelypteris puberula</i> var. <i>sonorensis</i>	Thelypteridaceae	Perennial Fern	Marsh	None	None	10	0	1	0	1
<i>Trifolium hydrophilum</i>	Fabaceae	Annual Herb	Marsh	None	None	1	0	0	0	0

4

5