

Plants of the Santa Monica Mountains (SMM) that occur primarily or exclusively on or in direct association with rock outcrop habitats

Biological consultants should refer to this list when interpreting Section 22.44.1810.A.1 of the Santa Monica Mountains Local Implementation Plan (i.e., “Rock outcrops comprised of either volcanic or sedimentary/sandstone rocks are frequently associated with a unique community of rare annual plants and lichens and are therefore H1 habitat”). Rock outcrops found to support populations of species on this list should be considered for possible designation as H1.

The species on this list do not represent the only factors to be considered in determining the presence of H1 associated with rock outcrops. Other factors such as the presence of springs or seeps; well-developed or unusual lichen, liverwort, or bryophyte communities; or denning or nesting opportunities for wildlife that aren’t able to utilize non-rocky habitats also must be considered.

This list of species is derived from the flora of the Santa Monica Mountains, as described on the Wildflowers of the Santa Monica Mountains National Recreation Area website (<http://www.smmflowers.org/bloom/bloom.htm>). If known, the generalized type of rock that the species requires is given following the species name and status (“I” for igneous; “S” for sedimentary).

Unless otherwise stated, species on this list should be considered “obligate” specialists on exposed bedrock habitats. An indication of “fac” (for facultative) is given if the species is known to occur occasionally off of rocks but usually in nearby areas of association with them, such as in shallow or poorly developed soils that are derived from the same parent material. These species should be considered in light of other factors in determining the extent of the rock outcrop habitat. In the event that these species are present in the absence of any appreciable exposed bedrock, the area of their occurrence needn’t be considered H1, however if exposed rock is present and supports other obligate species, the entire complex of obligate and facultative species should be given careful consideration, similar to the decision process used in the delineation of jurisdictional waters.

Underlined species are special-status species; special-status rankings are as follows:

- FT: federally listed Threatened
- CR: California listed Rare
- RPR: Rare Plant Rank assigned by the California Native Plant Society
 - o 1B: Rare or endangered in California and elsewhere
 - o 4: Limited distribution in California
 - o .1: Seriously endangered in California
 - o .2: Fairly endangered in California

Ferns

Aspleniaceae

Asplenium vespertinum (western spleenwort)—
RPR 4.2

Pteridaceae

Aspidotis californica (California lace-fern)

Cheilanthes cooperae (Cooper's lip fern)

Cheilanthes covillei (Coville's lip fern)

Cheilanthes newberryi (cotton fern)

Notholaena californica (California cloak-fern)—
fac

Dicots

Apiaceae

Tauschia arguta (southern umbrellawort)—S;
fac

Asteraceae

Brickellia nevinii (Nevin's brickellbush)—I; fac
Deinandra minthornii (Santa Susana tarplant)—
CR, RPR 1B.2; S
Solidago confinis (southern goldenrod)—fac
Stephanomeria cichoriacea (chicoryleaf
wirelettuce)—I; fac

Brassicaceae

Boechera sparsiflora (elegant rockcress)—fac

Campanulaceae

Lobelia dunnii var. *serrata* (Rothrock's lobelia)

Caryophyllaceae

Silene verecunda (Dolores campion)—S

Cistaceae

Crocانthemum scoparium (peak rush-rose)—S;
fac

Crassulaceae

Dudleya blochmaniae ssp. *blochmaniae*
(Blochman's live-forever)—RPR 1B.1; I; fac
Dudleya cymosa ssp. *agourensis* (Agoura Hills
dudleya)—FT, RPR 1B.2; I; fac
Dudleya cymosa ssp. *cymosa* (canyon
dudleya)—I
Dudleya cymosa ssp. *marcescens* (marcescent
dudleya)—FT, CR, RPR 1B.2; S
Dudleya cymosa ssp. *ovatifolia* (Santa Monica
Mountains dudleya)—FT, RPR 1B.1; I

Dudleya multicaulis (many-stemmed dudleya)—
RPR 1B.2; I

Dudleya parva (Conejo dudleya)—FT, RPR 1B.2;
I

Dudleya verityi (Verity's dudleya)—FT, RPR
1B.1; I

Sedum spathulifolium (broadleaf stonecrop)

Fabaceae

Acemispom argophyllum var. *argophyllum* (silver
lotus)—S

Acemispom grandiflorum var. *grandiflorum* (large-
flowered lotus)—S; fac

Pickeringia montana var. *montana* (chaparral
pea)—S

Montiaceae

Claytonia gypsophiloides (Coast Range
claytonia)—I; fac

Lewisia rediviva var. *rediviva* (bitter root)—I

Montia fontana (water blinks)

Orobanchaceae

Castilleja foliolosa (wooly paintbrush)—S; fac

Polemoniaceae

Eriastrum densifolium ssp. *elongatum*
(perennial woolly star)—S; fac

Polygonaceae

Eriogonum crocatum (Conejo buckwheat)—CR,
RPR 1B.2; I

Eriogonum wrightii var. *membranaceum*
(Wright's buckwheat)—S

Saxifragaceae

Boykinia occidentalis (coast boykinia)—fac

Monocots

Alliaceae

Allium haematochiton (red-skinned onion)—fac

Liliaceae

Calochortus weedii var. *intermedius* (Weed's
mariposa lily)—RPR 1B.2; S

ERB approved posting this plant list on the ERB webpage at the meeting of September 16, 2019. Additions from other knowledgeable persons are welcomed, and the plan is to continually update the list. Please address email comments to DERB@lacounty.planning.gov. Address USPS mail to ERB, Dept. Regional Planning, 320 W. Temple Street, Los Angeles CA 90012.