

Appendix 4. Porter, Duncan. 1962. The vascular plants of the Jasper Ridge Biological
Experimental Area of Stanford University. Dept. Biol. Sciences. Research Report no. 2.

N.B. *Stipa pulchra* and *Sitanion jubatum* are widespread off serpentine, the former is common.
Poa secunda is not common off serpentine.

Much of the Jasper Ridge, especially along its crest, consists of grasslands. Most of this association is on flat or gently sloping land, but in many places it extends up and over the steeper slopes where the original chaparral has been removed to provide for more grazing area. Here and there, especially on the steeper slopes, individuals of *Quercus agrifolia*, *Q. douglasii*, and *Q. kelloggii* may be encountered. Typical grassland herbs are:

<u>Briza minor</u>	<u>Tillea erecta</u>
<u>Bromus carinatus</u>	<u>Alchemilla occidentalis</u>
<u>Bromus mollis</u>	<u>Lotus micranthus</u>
<u>Bromus racemosus</u>	<u>Lotus purshianus</u>
<u>Bromus rubens</u>	<u>Lotus subbinnatus</u>
<u>Festuca mvuros</u>	<u>Lupinus densiflorus</u>
<u>Melica imperfecta</u>	<u>Lupinus bicolor</u>
<u>Poa scabrella</u>	var. <u>microphyllus</u>
<u>Elymus glaucus</u>	<u>Lupinus nanus</u>
<u>Hordeum hystrix</u>	<u>Trifolium barbigerum</u>
<u>Lolium multiflorum</u>	<u>Trifolium bifidum</u>
<u>Lolium tremulentum</u>	var. <u>decipiens</u>
<u>Aira carvophylla</u>	<u>Trifolium ciliolatum</u>
<u>Avena barbata</u>	<u>Trifolium fucatum</u>
<u>Avena fatua</u>	<u>Trifolium gracilentum</u>
<u>Holcus lanatus</u>	<u>Trifolium microcephalum</u>
<u>Gastridium ventricosum</u>	<u>Trifolium variegatum</u>
<u>Calohortus luteus</u>	<u>Erodium botrys</u>
<u>Brodiaea elegans</u>	<u>Erodium cicutarium</u>
<u>Brodiaea hycinthina</u>	<u>Erodium obtusoplicatum</u>
<u>Brodiaea laxa</u>	<u>Geranium dissectum</u>
<u>Brodiaea pulchella</u>	<u>Geranium molle</u>
<u>Sisyrinchium bellum</u>	<u>Eremocarpus setigerus</u>
<u>Eriogonum nudum</u>	<u>Clarkia purpurea</u>
<u>Eriogonum vimineum</u>	ssp. <u>quadrivulnara</u>

Continues on next page

<u>var. menziesii</u>	<u>Clarkia purpurea</u>
<u>Montia spathulata</u>	<u>ssp. viminea</u>
<u>Cerastium viscosum</u>	<u>Oenothera ovata</u>
<u>Silene pallica</u>	<u>Eryngium maculatum</u>
<u>Delphinium hesperium</u>	<u>Lomatium dasycarpum</u>
<u>Delphinium variegatum</u>	<u>Lomatium utriculatum</u>
<u>var. californicus</u>	<u>Sanicula binotatifida</u>
<u>Eschscholzia californica</u>	<u>ssp. patulum</u>
<u>Platystemon californicus</u>	<u>Dodecatheon hendersonii</u>
<u>Athysanus pusillus</u>	<u>ssp. cruciatum</u>
<u>Lepidium nitidum</u>	<u>Microcala quadrangularis</u>
<u>Centunculus minimus</u>	<u>Plectritis ciliosa</u>
<u>Gilia clivorum</u>	<u>ssp. insignis</u>
<u>Linanthus androseaeus</u>	<u>Plectritis macrocera</u>
<u>Linanthus bicolor</u>	<u>Agoseris grandiflora</u>
<u>Linanthus dichotomus</u>	<u>Hypochaeris platra</u>
<u>Linanthus liniflorus</u>	<u>Microseris douglasii</u>
<u>Linanthus parviflorus</u>	<u>ssp. douglasii</u>
<u>Navarretia viscidula</u>	<u>Chaetopappa alsinoides</u>
<u>Phlox gracilis</u>	<u>Erigeron foliosus</u>
<u>Nemophila menziesii</u>	<u>Grindelia camporum</u>
<u>var. menziesii</u>	<u>Grindelia hirsutula</u>
<u>Nemophila menziesii</u>	<u>Lessingia germanorum</u>
<u>var. atomaria</u>	<u>var. tenuites</u>
<u>Amsinckia intermedia</u>	<u>Lessingia hololeuca</u>
<u>Cryptantha micromeres</u>	<u>var. hololeuca</u>
<u>Plagiobothrys nothofulvus</u>	<u>Evax sparsiflora</u>
<u>Plagiobothrys terellus</u>	<u>Gnaphalium purpureum</u>
<u>Monardella villosa</u>	<u>Micropus californicus</u>
<u>var. villosa</u>	<u>Psilocarphus terellus</u>
<u>Pogogyne serpylloides</u>	<u>Helianthella californica</u>
<u>Salvia columbarae</u>	<u>Wyethia angustifolia</u>
<u>Cordylanthus pilosus</u>	<u>Achyrrachaena mollis</u>
<u>Linaria texana</u>	<u>Hemizonia corvubosa</u>
<u>Orthocarpus attenuatus</u>	<u>Hemizonia luzulaefolia</u>
<u>Orthocarpus densiflorus</u>	<u>ssp. rudis</u>
<u>Orthocarpus erianthus</u>	<u>Lagophylla ramosissima</u>
<u>var. erianthus</u>	<u>Lavia platyalosa</u>
<u>Orthocarpus purpurascens</u>	<u>ssp. campestris</u>
<u>var. purpurascens</u>	<u>Madia gracilis</u>
<u>Orthocarpus pusillus</u>	<u>Baeria chrysostoma</u>
<u>Plantago erecta</u>	<u>ssp. gracilis</u>

Many of the species listed above are found in the serpentine soil of the meadow on the crest of Jasper Ridge, but those species in the following list are confined solely to this serpentine.

<u>Festuca pacifica</u>	<u>Brodiaea terrestris</u>
<u>Sitanion jubatum</u>	<u>Arenaria douglasii</u>
<u>Agrostis microphylla</u>	<u>Astragalus gambellianus</u>
<u>Stipa pulchra</u>	<u>Cryptantha flaccida</u>
<u>Juncus phaeocephalus</u>	<u>Mimulus douglasii</u>
<u>Calochortus venustus</u>	<u>Orthocarpus lithospermoides</u>
<u>Allium amplexans</u>	<u>Calycadenia multi glandulosa</u>
<u>Allium breweri</u>	<u>ssp. robusta</u>
<u>Allium lacunosum</u>	

Many weedy species have invaded Jasper Ridge that are confined to disturbed areas.