

81. [*Quercus hypoleucoides* - *Quercus arizonica*] Woodland Association (P)

[Silverleaf oak - Arizona white oak] Woodland Association (P)

This woodland community is characterized by a variably dense (30–65% cover) canopy (>5 m) co-dominated by silverleaf oak (*Quercus hypoleucoides*) and Arizona white oak (*Quercus arizonica*), with a sparse (<5% cover) understory. This community spans a broad gradient between low-elevation, oak-dominated woodlands and higher-elevation conifer forests. Overall, this community has been subjected to minimal fire effects in recent history. Throughout this community, various large conifers may provide sporadic (<0.50) low cover (<5%) as emergent trees with heights above 10 meters. These species include ponderosa pine (*Pinus ponderosa*), Arizona pine (*Pinus arizonica*), and Chihuahuan pine (*Pinus leiophylla*). The understory includes Arizona madrone (*Arbutus arizonica*), netleaf oak (*Quercus rugosa*), yucca (*Yucca madrensis*), beargrass (*Nolina microcarpa*), Fendler's ceanothus (*Ceanothus fendleri*), Pringle's manzanita (*Arctostaphylos pringlei*), Wright's silktassel (*Garrya wrightii*), and longtongue muhly (*Muhlenbergia longiligula*).

Common species

- *Quercus hypoleucoides*
- *Quercus arizonica*

This community is contained within a two-association map class that covers 1.5% (410 ha/1,013 ac) of the Rincon Mountain District with the main examples occurring across the slopes below Reef Rock and Heartbreak Ridge. This woodland community is typically found on mountain backslopes of variable grade (10–50+%) from 1,860 to 2,160 meters (6,102–7,086 ft). The surface cover is characterized by moderately deep and well-drained loam underlying a thick layer of pine/oak litter and duff with patchy boulders and bedrock outcrops. The parent material is a mix of quartz monzonite and mica schist.



