

66. *Pinus discolor* (*Quercus arizonica* - *Juniperus deppeana* - *Quercus hypoleucoides*) Woodland Association (P)

Border pinyon (Arizona white oak - Alligator juniper - Silverleaf oak) Woodland Association (P)

This woodland community is characterized by a variably dense (30–60% cover) canopy (>2 m) dominated by border pinyon (*Pinus discolor*) with common associates Arizona white oak (*Quercus arizonica*), alligator juniper (*Juniperus deppeana*), and silverleaf oak (*Quercus hypoleucoides*) and a sparse (<10% cover) understory that often includes Wright's silktassel (*Garrya wrightii*) and longtongue muhly (*Muhlenbergia longiligula*). Of the four listed canopy species, border pinyon (*P. discolor*) provides the most consistent (1.0) dominance, providing cover of 10–50%, with an average around 25%. Other documented species include beargrass (*Nolina microcarpa*), gumhead (*Gymnosperma glutinosum*), pointleaf manzanita (*Arctostaphylos pungens*), yucca (*Yucca madrensis*), fragrant sumac (*Rhus aromatica*), Fendler's ceanothus (*Ceanothus fendleri*), California brickellbush (*Brickellia californica*), redberry buckthorn (*Rhamnus crocea*), and longtongue muhly (*M. longiligula*).

Common species

- *Pinus discolor*
- *Quercus arizonica*
- *Juniperus deppeana*
- *Quercus hypoleucoides*
- *Garrya wrightii*

This community is contained within a two-association map class that covers 5.7% (1,544 ha/3,815 ac) of the Rincon Mountain District and is distributed throughout the upper, middle-elevation regions of the park. It is typically found on steep (35–50%), generally north-trending mountain backslopes from 1,676 to 2,133 meters (5,500–7,000 ft). The surface cover is characterized by moderately deep, well-drained, and flaggy sandy loam underlying a dominant layer of decomposing pine litter and duff. Bedrock outcrops are sporadic throughout this community and are typically composed of gneissic quartz monzonite.



