

74. *Pinus (arizonica - ponderosa)* Regenerating Woodland Association (P)

Pine (Arizona - ponderosa) Regenerating Woodland Association (P)

This regenerating woodland community is characterized by a variably dense (20–50+% cover) lower canopy (>2–5 m) and subcanopy (0.5–2 m) dominated by regenerating Arizona pine (*Pinus arizonica*) and/or ponderosa pine (*Pinus ponderosa*). This type is a result of historic fire disturbance. Pre-fire, it was likely a mature woodland/forest with a similar species composition. Currently, the upper canopy (>5 m) is absent, represented by scattered snags or just a few mature trees. The dominant layer of pines ranges from saplings (1–2 m) to tall poles (2–4 m) that are typically of the same age class within each mapped area. Arizona pine (*P. arizonica*) tends to dominate at the lower elevational range of this community and/or on steeper, more exposed slopes, while ponderosa pine (*P. ponderosa*) occupies the higher-elevation, more-sheltered slopes. In addition to the listed dominants, the low/subcanopies contain a number of associate trees and shrubs. The sparse (<5% cover) field stratum (<0.5 m) is characterized by a mix of low-cover associates, including longtongue muhly (*Muhlenbergia longiligula*), western brackenfern (*Pteridium aquilinum*), White Mountain sedge (*Carex geophila*), and screwleaf muhly (*Muhlenbergia virescens*).

Common species

- *Pinus arizonica*
- *Pinus ponderosa*
- *Quercus hypoleucoides*

This community covers 0.03% (7 ha/17 ac) of the Rincon Mountain District and is present throughout the trail system that surrounds Manning Camp. It is typically found on mountain backslopes of variable grade (10–50+%) with a southern or eastern aspect from 2,140 to 2,480 meters (7,000–8,140 ft). The surface cover is characterized by moderately deep and well-drained loam underlying a thick layer of pine-needle litter and duff with patchy boulders and bedrock outcrops. The parent material is a mix of quartz monzonite and mica schist. All examples of this community show conspicuous signs of high-severity fire disturbance.



