

#### 46. *Prosopis velutina* - *Senegalia greggii* Intermittently Flooded Woodland (P)

Velvet mesquite - Catclaw acacia Intermittently Flooded Woodland (P)

This community is characterized by a variable (15–40% cover) lower canopy (2–5 m) and subcanopy (0.5–2 m) dominated by velvet mesquite (*Prosopis velutina*) with one common associate, catclaw acacia (*Senegalia greggii*), and a variable mix of associate shrubs and succulents. Velvet mesquite (*P. velutina*) is by far the most consistent (1.0) and dominant species in this community, with average cover of around 7%, with some examples up to 20%. In general, it is present as shrubby individuals with heights less than 2 meters, but larger, tree-like examples were also documented. Catclaw acacia (*S. greggii*) is exclusively present in the subcanopy stratum as a small (<2 m) shrub with cover ranging from absent to 10%, with an average of 3%. Other documented species include Wright’s beebrush (*Aloysia wrightii*), netleaf hackberry (*Celtis ehrenbergiana*), staghorn cholla (*Cylindropuntia versicolor*), whitethorn acacia (*Vachellia constricta*), Thurber’s desert honeysuckle (*Anisacanthus thurberi*), Warnock’s snakewood (*Condalia warnockii*), Berlandier’s wolfberry (*Lycium berlandieri*), ambrosia leaf bur ragweed (*Ambrosia ambrosioides*), sideoats grama (*Bouteloua curtipendula*), and bush muhly (*Muhlenbergia porteri*).

##### Common species

- *Prosopis velutina*
- *Senegalia greggii*

This community covers 0.9% (253 ha/625 ac) of the Rincon Mountain District and was documented throughout the lower elevational range of the park. This intermittently flooded woodland is restricted to mixed gradient (3–50+%) drainages/arroyos and adjacent slopes from 920 to 1,240 meters (3,018–4,068 m). The channel is typically low angle (<20%), excluding the occasional dry-fall, while the adjacent slopes are typically much steeper, occasionally occurring as vertical cliff bands. Within the watercourse, the surface cover is characterized by deep, well-drained soils of fine, gravelly sand with scattered rock ranging from small cobbles to large boulders.



