

#23 (*Prosopis velutina* - *Baccharis sarothroides*) / *Eragrostis lehmanniana* Herbaceous Association (P)

(Velvet mesquite - Desertbroom) / Lehmann lovegrass Herbaceous Association

This herbaceous community is characterized by an extremely dense (80%) matrix of perennial grass, solely dominated by Lehmann lovegrass (*Eragrostis lehmanniana*), with sparse (3%) shrub cover in the subcanopy stratum (>0.5–2 m) consisting of two common associates, velvet mesquite (*Prosopis velutina*) and desertbroom (*Baccharis sarothroides*). Velvet mesquite (*P. velutina*), while providing little cover (1%) throughout, is the most consistent and dominant species besides Lehmann lovegrass (*E. lehmanniana*), occasionally providing cover near 9%. Desertbroom (*Baccharis sarothroides*) and fairyduster (*Calliandra eriophylla*) are sparse but common associates, usually providing cover around 1% each. Lehmann lovegrass (*E. lehmanniana*), an introduced, perennial bunchgrass, has consistent, 75% cover across the whole community. Spidergrass (*Aristida ternipes*), cane bluestem (*Bothriochloa barbinodis*), and sideoats grama (*Bouteloua curtipendula*) are variable and extremely low-cover associate, perennial grasses.

Common species

Prosopis velutina
Baccharis sarothroides
Eragrostis lehmanniana
Calliandra eriophylla
Aristida ternipes

Overall, this community covers 9.4% (182 ha, 450 ac) of the park, exclusively on the low-angle, southeast-facing alluvial fan in the southeast corner of the project area.

