

SE1/4E1/4, Section 8, T19S, R33E, NMPM, Lea County, NM
 SW1/4E1/4, Section 9, T19S, R33E, NMPM, Lea County, NM

Map Reference: USGS Laguna Gatuna Quadrangle, 15 Minute Series, 1963.

Terrain

This proposed location is situated on an undulating plain demarked by coppice dunes to approximately 5 m in height. Associated deflation basins are lobe-shaped and open toward the northwest. Prominent dunes crenulate the horizon in all directions. The entire area is coextensive with the Querecho Plains and trends to the northeast. Soils belong uniformly to the Typic Torripsamment subgroup. Diminutive chert inclusions are found in these soils on a very sparse basis.

Floristics

Local soils commonly support an overstory dominated by Quercus hayardii. In association are also Yucca glauca, Prosopis juliflora, Artemisia filifolia and Chrysothamnus nutschellus. Specimens of Monarda punctata, Helianthus sp., Penstemon sp., Hymenoxys sp., Shranka occidentalis, Mentzelia sp., Senecio sp., Hoffmanseggia sp., Asclepias sp., and Euphorbia sp. represent the forbs. Local grasses include: Aristida sp., Bouteloua sp., Andropogon spp., and Paspalum distichum.

Cultural Resources

No cultural resources were recorded during this reconnaissance. Locally, the complete absence of cultural resources can be explained by the fact that this locality is overlain by a thick deposit of aeolian material which precludes easy