

VEGETATION TYPES OF THE NMSU CORONA EXPERIMENTAL RANCH

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Major vegetation types were mapped on the New Mexico State University Corona Experimental Ranch. This property is the old Nalda Ranch located about 14 miles east of Corona, New Mexico in Torrance and Lincoln Counties covering approximately 8656 ha (21,640 ac). The survey was conducted in December 1989. A preliminary vegetation map based on apparent topography, texture and color patterns, and soil associations was prepared in the lab using aerial photos, soil survey maps and topographical maps. Field reconnaissance work was then carried out over a period of four days. Sampling at each site included recording plant species with their corresponding prominence rating, cover class and sociability class. Information was added on vegetation height class, physiographic features and ground surface characteristics. The survey resulted in nine vegetation types listed below, and shown on the map.

NMSU CORONA EXPERIMENTAL RANCH

VEGETATION COMMUNITIES

1. CHOLLA-YUCCA/BLUE GRAMA-FEATHERGRASS-CREEPING MUHLY
2. YUCCA/BLUE GRAMA-FEATHERGRASS-SIDEOATS GRAMA
3. BLUE GRAMA-BLACK GRAMA
4. CHOLLA/BLUE GRAMA-POVERTY THREEAWN
5. CHOLLA/GALLETA
6. PRAIRIE CONEFLOWER/BUFFALOGRASS
7. ONE SEED JUNIPER/BEARGRASS/BLUE GRAMA
8. ONE SEED JUNIPER-PINYON PINE/CHOLLA-YUCCA/BLUE GRAMA-WOLFTAIL
9. BIGELOW SAGEBRUSH/BLUE GRAMA-WOLFTAIL

