

**MADREAN JUNIPER SAVANNA**

**Nature Serve ID:** CES301.730

**Geology:** Associated with various substrates including limestones, sandstones, igneous formations, and alluvial/colluvial surfaces.

**Landform:** This system typically occupies foothills and lower slopes of mountains. Such situations may often be rolling landscapes, and are sometimes on gentle slopes to level surfaces.

**Soils:** The soils occupied by the system vary from gravelly, to shallow to loamy soils. It may also occur on rocky slopes of limestone or igneous parent material.

**Parent Description:** This system often co-occurs with the Madrean Pinyon-Juniper Woodland, but often occupies slightly lower elevations. It is similar to that system but lacks pinyon as a dominant, though some pinyon species (*Pinus cembroides* (Mexican pinyon pine), *Pinus edulis* (pinyon pine), or *Pinus remota* (paper-shell pinyon pine)) may be present. One of several juniper species may be the dominant overstory, including *Juniperus monosperma* (one-seeded juniper), *Juniperus pinchotii* (redberry juniper), *Juniperus coahuilensis* (rose-fruited juniper), or *Juniperus deppeana* (alligator juniper). The system may occur with junipers forming a shrubland, or as a closed woodland, or, more commonly, as an open woodland. *Nolina texana* (Texas sacahuista), *Dasyllirion leiophyllum* (smooth sotol), and *Yucca* spp. (yuccas) are commonly encountered. This system typically gives way at lower elevations to grassland, with species such as *Bouteloua gracilis* (blue grama), *Bouteloua curtipendula* (sideoats grama), *Bouteloua eriopoda* (black grama), *Muhlenbergia emersleyi* (bull muhly), and *Muhlenbergia setifolia* (curlyleaf muhly) commonly encountered in the herbaceous layer.

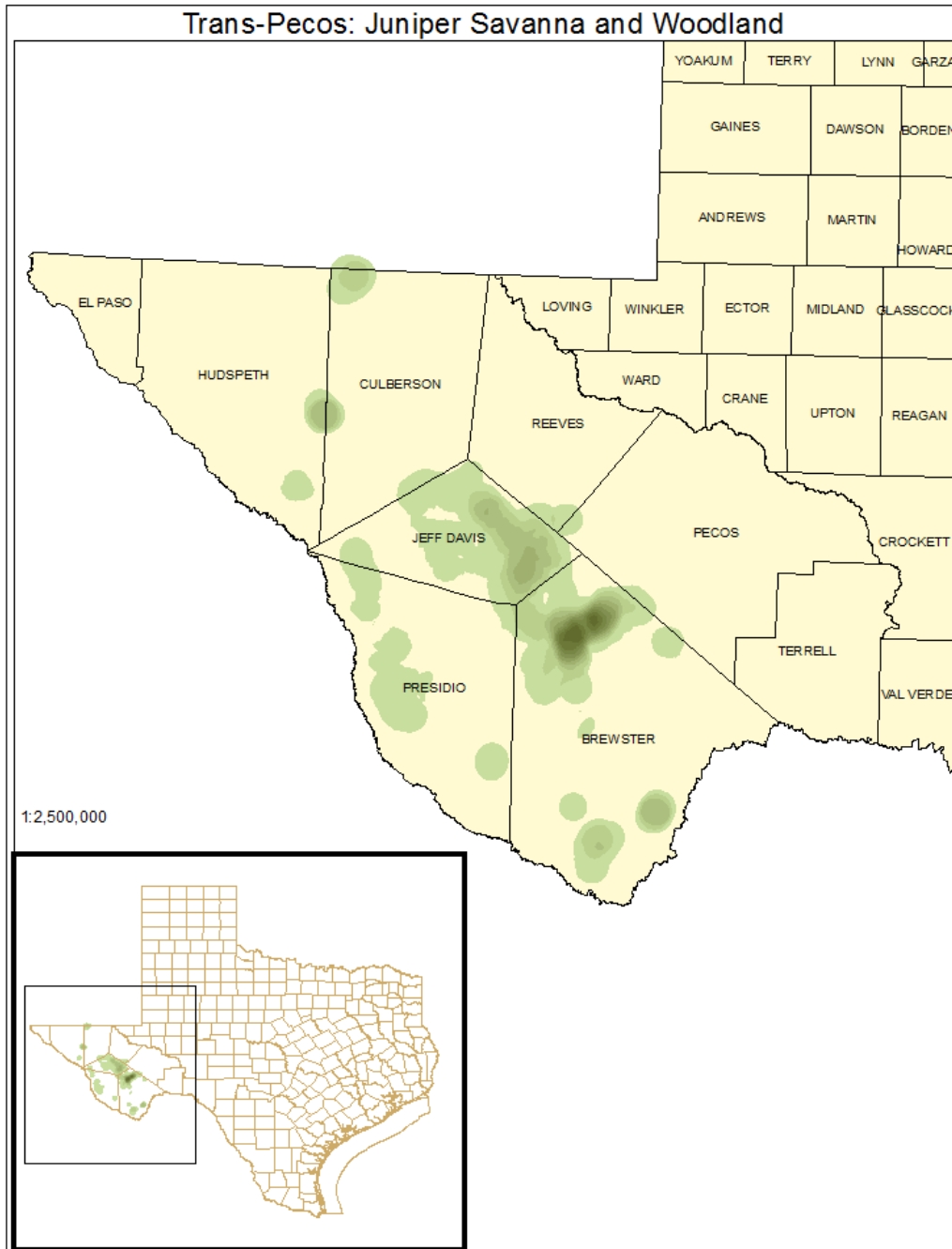
**ECOLOGICAL MAPPING SYSTEMS:**

**TRANS-PECOS: JUNIPER SAVANNA AND WOODLAND**

**Mapping System ID:** 10805

**EMS Description:** As described for system.

**Distribution Map:**



**Example:**



**Public Land Occurrence:**

Big Bend National Park: US National Park Service

Big Bend Ranch State Park: Texas Parks & Wildlife Department

Black Gap Wildlife Management Area: Texas Parks & Wildlife Department

Davis Mountains State Park: Texas Parks & Wildlife Department

Elephant Mountain Wildlife Management Area: Texas Parks & Wildlife Department

Fort Davis National Historic Site: US National Park Service

Guadalupe Mountains National Park: Texas Parks & Wildlife Department