

Celtis laevigata var. reticulata — Quercus turbinella Woodland

COMMON NAME	Desert hackberry—Shrub live oak Woodland
SYNONYM	<i>Celtis laevigata</i> var. <i>reticulata</i> — <i>Quercus turbinella</i>
TNC SYSTEM	Terrestrial
PHYSIOGNOMIC CLASS	Woodland
PHYSIOGNOMIC SUBCLASS	Mixed evergreen—deciduous woodland
PHYSIOGNOMIC GROUP	Mixed broadleaf evergreen—cold-deciduous woodland
FORMATION	Mixed broadleaf evergreen—cold-deciduous woodland
ALLIANCE	<i>Celtis reticulata</i> Woodland Alliance

CLASSIFICATION CONFIDENCE LEVEL 3

RANGE

Undescribed type and distribution unknown.

Tuzigoot National Monument

The *Celtis reticulata*—*Quercus turbinella* association appears on southeast-facing limestone slopes in arroyo canyons surrounding the Monument.

ENVIRONMENTAL DESCRIPTION

Tuzigoot National Monument

This association occupies well-drained, clay loam soils derived from limestone and occurs on slopes generally over forty degrees. This association is often found on slopes that did not receive direct sun until the afternoon during sampling (October).

USFWS WETLAND SYSTEM Not applicable

MOST ABUNDANT SPECIES

Globally

Information not available.

Tuzigoot National Monument

Strata

Tree canopy

Shrub

Herbaceous

Species

Celtis reticulata, *Quercus turbinella*, *Prosopis velutina*

Acacia greggii, *Canotia holocantha*, *Parthenium incanum*, *Gutierrezia sarothroides*, *Rhus trilobata*

Artemisia ludoviciana

DIAGNOSTIC SPECIES

Globally

Information not available.

USGS-NPS Vegetation Mapping Program
Tuzigoot National Monument

Tuzigoot National Monument
Celtis reticulata, Quercus turbinella

VEGETATION DESCRIPTION

Globally

Information is not available.

Tuzigoot National Monument

The *Celtis reticulata*—*Quercus turbinella* association forms dense thickets on shaded, steep slopes. The dominant short tree species are nearly equal in cover. This multi-layered community is relatively rich in shrub species and poor in herbaceous species. *Canotia holocantha* and *Parthenium incanum* are the most common associated shrubs. *Larrea tridentata* did not appear in the plot, but was present in the community.

OTHER NOTEWORTHY SPECIES None

CONSERVATION RANK G?

RANK JUSTIFICATION Not applicable

COMMENTS

Downslope, this association merges into one of the *Prosopis velutina* communities associated with arroyos and bottomlands. Above this association is the *Juniperus erythrocarpa*—*Canotia holocantha* association.

REFERENCES None