Ecological site group DX035X02CESG01
Coconino Transition - Ustic Aridic - Limestone or Loamy Wash

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Key Characteristics

- Coconino Transition (C)
- Site parent material is limestone or dolomite, or soil is loamy.
- Site soils are ustic aridic or within a 10-14" precipitation zone.
- Site is and/or located in a wash.

Provisional. A provisional ecological site description has undergone quality control and quality assurance review. It contains a working state and transition model and enough information to identify the ecological site.

Physiography

Site is and/or located in bottoms with slopes <3%. Aspects tend to be northeast except in valleys near Truxton Wash and Aubrey Valley.

Climate

Site soils are ustic aridic or within a 10-14" precipitation zone. Precipitation comes predominantly from monsoonal patterns during months of July, August, and September. Winter precipitation is equally predominant in the northern half of the LRU.

Soil features

Parent material is limestone or dolomite, or soil is loamy. Site consists of broad alluvial deposits in washes, streams or fans, often deep.

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- DX035X01I112–Loamy Wash 10-14" p.z.

Correlated Map Unit Components

22353682, 22353704, 22353707, 22353763, 22353806, 22391229, 22391230

Stage

Provisional

Contributors

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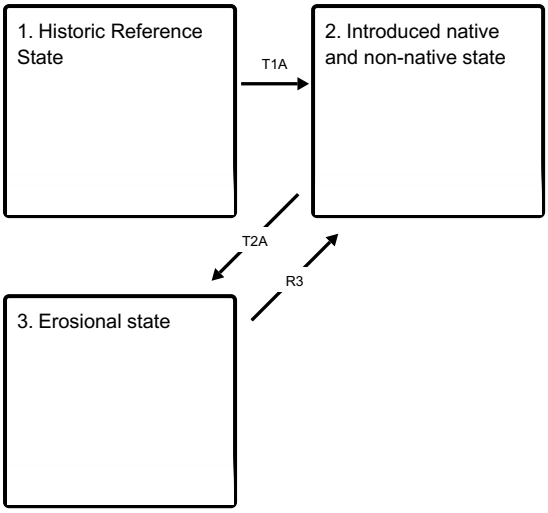
State and transition model

Ecosystem states



State 1
Historic Reference State

Mixed grassland with few shrubs and forbs

State 2
Introduced native and non-native state

Mixed grassland and shrub community with Non-native species

State 3
Erosional state

Native grasses and shrubs with introduced annuals (reduced production)

Transition T1A
State 1 to 2

A decrease in ecosystem function with invasion of introduced species.

Transition T2A
State 2 to 3

Degradation of ecological resources and function.

Restoration pathway R3
State 3 to 2

A slow restoration of ecosystem function.

Citations