

Ecological site group DX035X02BESG07

Coconino Plateau - Ustic Aridic - Clayey Wash

Last updated: 09/01/2021
Accessed: 04/19/2024

Key Characteristics

- Coconino Plateau (B)
- Soil at site is Clayey.
- 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 southwest in the eastern half, and east in the western half of the LRU.

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.

Soil features

Clayey Subgroup. Site consists of broad alluvial deposits in washes, streams or fans, often deep.

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

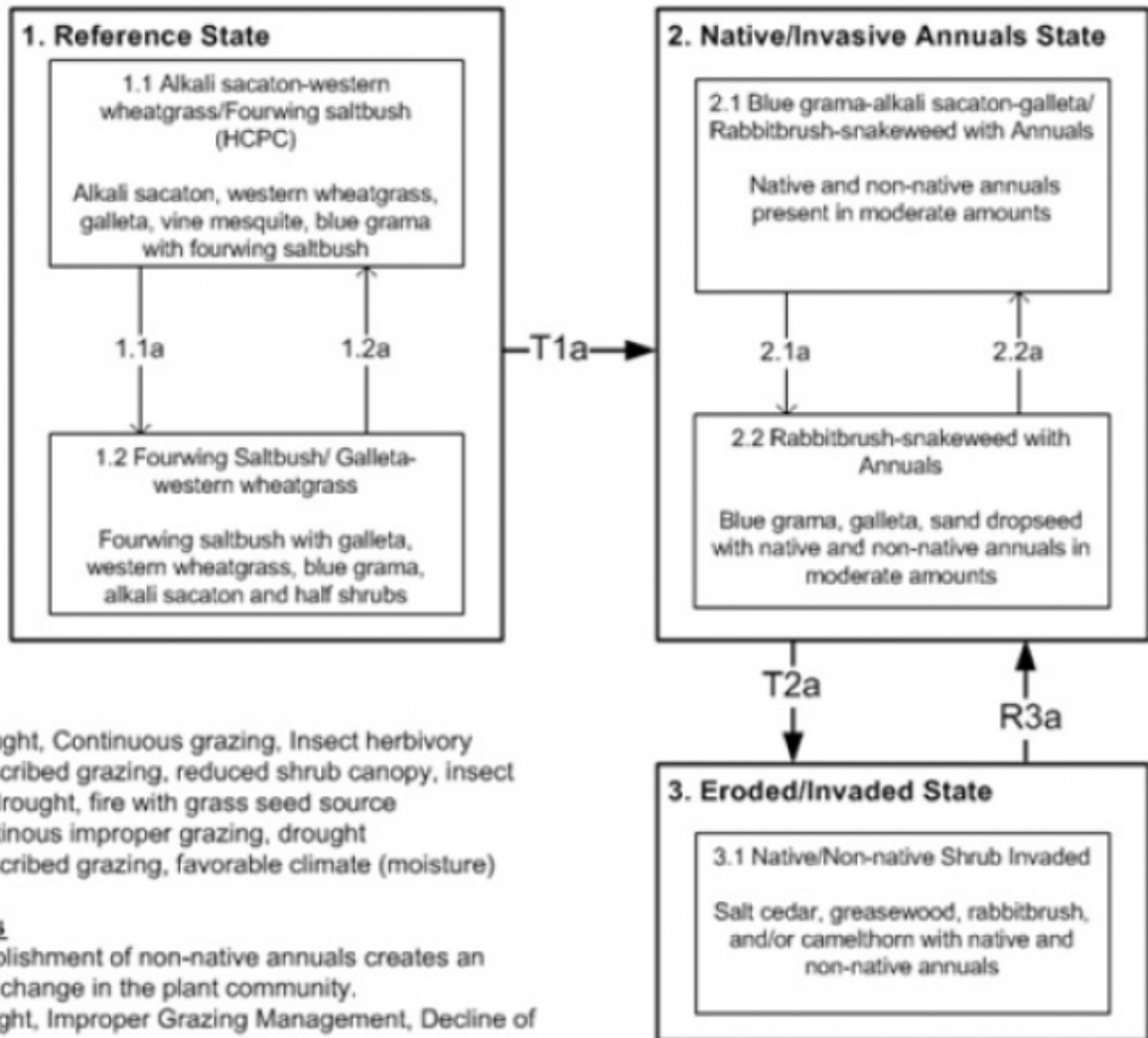
- DX035X01I104–Clay Loam Wash 10-14" p.z.

Stage

Provisional

State and transition model

35.1AZ Clay Loam Wash 10-14" p.z. (R035XA104AZ)



Pathways

1.1a = Drought, Continuous grazing, Insect herbivory

1.2a = Prescribed grazing, reduced shrub canopy, insect herbivory, drought, fire with grass seed source

2.1a = Continuous improper grazing, drought

2.2a = Prescribed grazing, favorable climate (moisture)

Transitions

T1a = Establishment of non-native annuals creates an irreversible change in the plant community.

T2a = Drought, Improper Grazing Management, Decline of perennial grass cover, active surface erosion

R3a = Prescribed grazing with rest, reseeding, brush management, grade stabilization

Citations