

# Ecological site group DX035X02BESG03

## Coconino Plateau - Ustic Aridic - Limestone or Loamy Cliffs

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### Key Characteristics

- Coconino Plateau (B)
- 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 on a cliff with slopes >50%.

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 an upland with slopes >15%. 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

Subset subgroup- Parent Material Limestone or Dolomite, or Soil is Loamy. Site consists of gently dipping shallow residuum weathered from sedimentary rocks eroded into steep cliff faces and canyons.

### Major Land Resource Area

MLRA 035X  
Colorado Plateau

### Subclasses

- R035XA101AZ—Breaks 10-14" p.z.

### Correlated Map Unit Components

22394091

### Stage

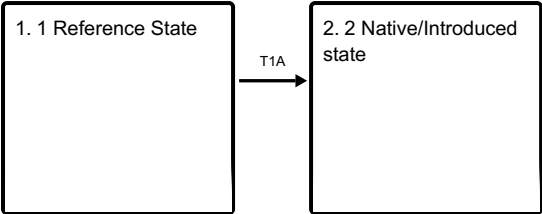
Provisional

### Contributors

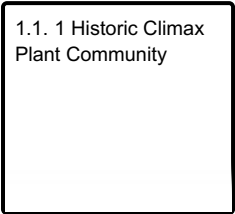
Curtis Talbot

### State and transition model

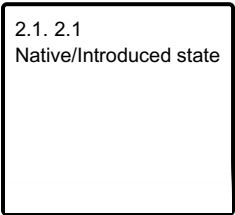
Ecosystem states



State 1 submodel, plant communities



State 2 submodel, plant communities



State 1  
1 Reference State

Community 1.1  
1 Historic Climax Plant Community

Sideoats grama, blue grama, one-seed juniper, Utah Juniper, four wing saltbush, winterfat.

State 2  
2 Native/Introduced state

sideoats grama, blue grama, one-seed juniper, Utah juniper, fourwing saltbush, winterfat, non-native annuals

Community 2.1  
2.1 Native/Introduced state

sideoats grama, blue grama, one-seed juniper, Utah juniper, fourwing saltbush, winterfat, non-native annuals.

Transition T1A  
State 1 to 2

Loss of ecosystem function and colonization of invasive species. Once introduced species have invaded it is unlikely that the site can be restored to reference.

Citations