

Ecological site group DX035X02BESG08

Coconino Plateau - Ustic Aridic - Clayey Upland

Last updated: 10/25/2022
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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 an upland with slopes <15%.

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

Clayey Subgroup. Site consists of limited amounts of gently sloping sheet alluvial or eolian deposits over residuum of plateaus and structural benches.

Major Land Resource Area

MLRA 035X
Colorado Plateau

Subclasses

- R035XA106AZ–Clayey Upland 10-14" p.z.
- R035XA107AZ–Clay Loam Upland 10-14" p.z.

Correlated Map Unit Components

22353788

Stage

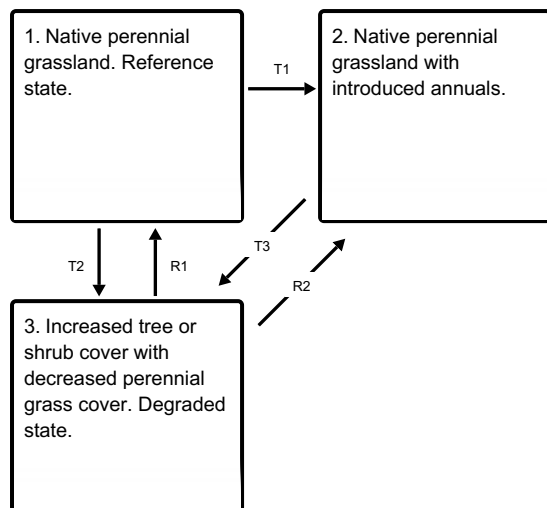
Provisional

Contributors

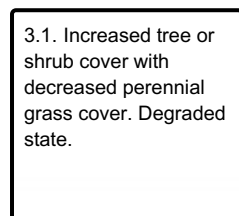
Curtis Talbot

State and transition model

Ecosystem states



State 3 submodel, plant communities



State 1

Native perennial grassland. Reference state.

State 2

Native perennial grassland with introduced annuals.

State 3

Increased tree or shrub cover with decreased perennial grass cover. Degraded state.

Community 3.1

Increased tree or shrub cover with decreased perennial grass cover. Degraded state.

Transition T1

State 1 to 2

Historic introduction of non-native species.

Transition T2

State 1 to 3

Lack of fire on the landscape. Improper grazing management.

Transition T3

State 2 to 3

Reintroduction of fire. Brush management.

Restoration pathway R1

State 3 to 1

Reintroduction of fire, brush management.

Restoration pathway R2

State 3 to 2

Citations