

Ecological site group 29-2

Ecological Site Group 2

Last updated: 05/10/2025
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Key Characteristics

None specified

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.

Climate

The group is characterized by a two-state STM with one community phase in the first state and three community phases in the second state.

Vegetation dynamics

The group is characterized by a two-state STM with one community phase in the first state and three community phases in the second state.

Major Land Resource Area

MLRA 029X
Southern Nevada Basin and Range

Stage

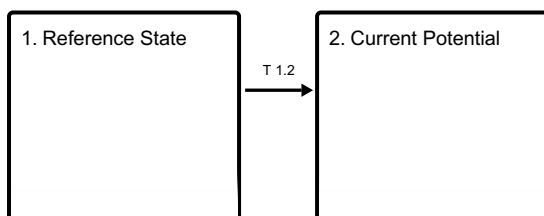
Provisional

Contributors

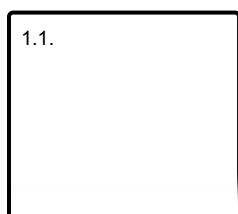
Curtis Talbot

State and transition model

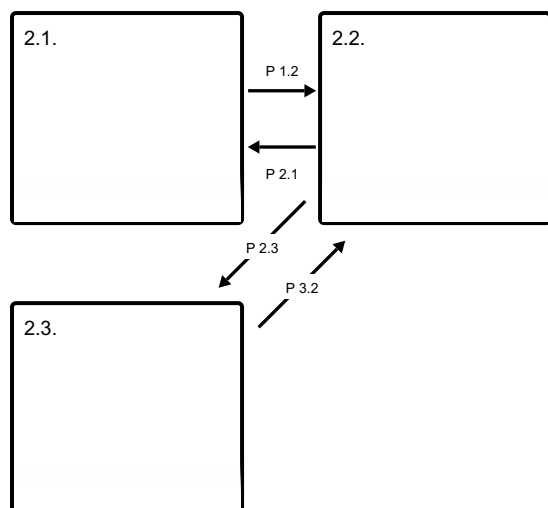
Ecosystem states



State 1 submodel, plant communities



State 2 submodel, plant communities



State 1 Reference State

Community 1.1

native shrubs dominant perennial bunchgrass sub-dominant

State 2 Current Potential

Community 2.1

native shrubs dominant perennial grass sub-dominant annual non-native species present

Community 2.2

native shrubs stable or increasing perennial bunchgrass decrease annual non-native species increase

Community 2.3

native shrubs dominate overstory bunchgrass decrease annual non-natives increase bare ground increases

Pathway P 1.2 Community 2.1 to 2.2

prolonged drought / inadequate rest and recovery from defoliation

Pathway P 2.1 Community 2.2 to 2.1

rest and recovery

Pathway P 2.3 Community 2.2 to 2.3

prolonged drought / inadequate rest and recovery from defoliation

Pathway P 3.2 Community 2.3 to 2.2

recovery or changes in management

Transition T 1.2
State 1 to 2

introduction of non-native species

Citations