

# Ecological site group 29-2

## Ecological Site Group 2

Last updated: 12/21/2025  
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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

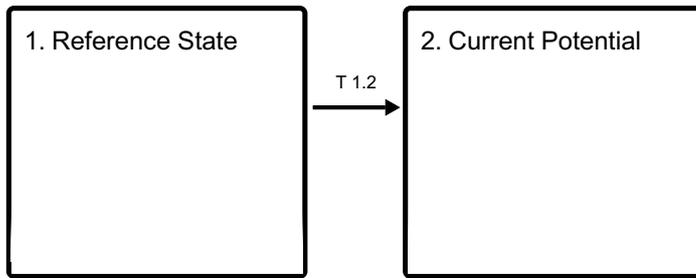
Provisional

### Contributors

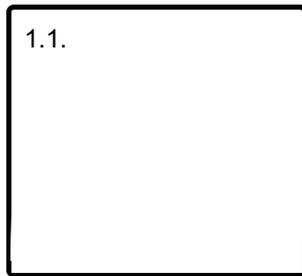
Curtis Talbot

### State and transition model

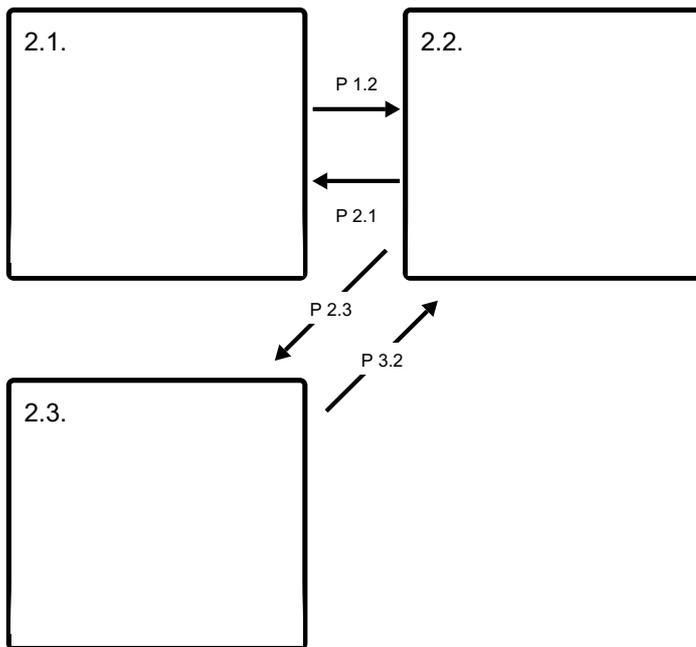
## Ecosystem states



## 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**