

## Shale Barren Slopes Sparse Vegetation

COMMON NAME	Shale Barren Slopes Sparse Vegetation
SYNONYM	Shale Barren Slopes
PHYSIOGNOMIC CLASS	Sparse Vegetation (VII)
PHYSIOGNOMIC SUBCLASS	Consolidated rock sparse vegetation (VII.A)
PHYSIOGNOMIC GROUP	Sparsely vegetated cliffs (VII.A.1)
PHYSIOGNOMIC SUBGROUP	Natural/Semi-natural (VII.A.1.N)
FORMATION	Cliffs with sparse vascular vegetation (VII.A.1.N.a)
ALLIANCE	Open Bluff/Cliff Sparsely Vegetated Alliance

CLASSIFICATION CONFIDENCE LEVEL 3

USFWS WETLAND SYSTEM Upland

### RANGE

#### **Globally**

This association is found in South Dakota and North Dakota.

#### **Wind Cave National Park**

Mappable stands of shale barren slope sparse vegetation occur on the east slope of Boland Ridge, east of the Park boundary. This area is under private ownership, and was not accessible for survey.

### ENVIRONMENTAL DESCRIPTION

#### **Globally**

More information is needed to determine the characteristics of this type. The type includes the Mowry Shale outcrops around the Black Hills and the Pierre Shale outcrops of central and western South Dakota. The Mowry Shale outcrops can grade into *Quercus macrocarpa* / *Carex inops* ssp. *heliophila* Woodland or *Pinus ponderosa* Woodlands, both with relatively sparse ground cover.

#### **Wind Cave National Park**

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### MOST ABUNDANT SPECIES

#### **Globally**

Stratum Species  
Information not available.

#### **Wind Cave National Park**

Stratum Species  
Information not available.

### CHARACTERISTIC SPECIES

#### **Globally**

Information not available.

#### **Wind Cave National Park**

Information not available.

### VEGETATION DESCRIPTION

#### **Globally**

Information not available.

#### **Wind Cave National Park**

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### OTHER NOTEWORTHY SPECIES

**USGS-NPS Vegetation Mapping Program**  
**Wind Cave National Park**

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CONSERVATION RANK                      G?

DATABASE CODE                      C EGL002294

**MAP UNITS**

The shale barren slope sparse vegetation community corresponds to map unit 5, shale barren slopes sparse vegetation, on the Wind Cave vegetation map.

**COMMENTS**

**REFERENCES**