

Scotts Bluff National Monument, Field Plots Data Metadata

Identification_Information:

Citation:

Citation_Information:

Originator: U.S. Geological Survey Department of the Interior

Publication_Date: 199808

Title: Scotts Bluff National Monument, Field Plots Data Base for Vegetation Mapping

Geospatial_Data_Presentation_Form: Database

Series_Information:

Series_Name: USGS-NPS Vegetation Mapping Program

Issue_Identification: Scotts Bluff National Monument

Publication_Information:

Publication_Place: Denver, CO

Publisher: USGS, Biological Resources Division, Center for Biological Informatics

Other_Citation_Details:

Created in part by Environmental Systems Research Institute, Inc. Redlands,
CA under contract from USGS/BRD/CBI.

Online_Linkage: <http://biology.usgs.gov/npsveg/scbl/index.html>

Description:

Abstract:

Vegetation field plots at Scotts Bluff NM were visited, described, and documented in a digital database. The database consists of 3 parts - (1) Physical Descriptive Data, (2) Species Listings, and (3) Strata Descriptive Data.

Purpose:

Provide National Parks with the necessary tools to effectively manage their natural resources. Plot data is collected and analyzed to develop a classification (using the Standardized National Vegetation Classification System) and description of vegetation types in preparation for photointerpretation and mapping of the monument's vegetation types.

Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 19950710

Ending_Date: 19950815

Currentness_Reference: Ground Condition

Status:

Progress: Complete

Maintenance_and_Update_Frequency: none planned

Spatial_Domain:

Bounding_Coordinates:

West_Bounding_Coordinate: -103.74663

East_Bounding_Coordinate: -103.68121

North_Bounding_Coordinate: 41.86887

South_Bounding_Coordinate: 41.80845

Description_of_Geographic_Extent: Scotts Bluff National Monument and environs

Keywords:

Theme:

Theme_Keyword_Thesaurus: None

Theme_Keyword: National Park Service

Theme_Keyword: U.S. Geological Survey

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Theme_Keyword: vegetation classification

Theme_Keyword: sampling plots

Theme_Keyword: alliance

Theme_Keyword: association

Place:

Place_Keyword_Thesaurus: None

Place_Keyword: Nebraska

Place_Keyword: NE

Place_Keyword: Scottsbluff

Place_Keyword: Gering

Place_Keyword: Mitchell

Place_Keyword: Mitchell Bottom

Place_Keyword: North Platte River

Place_Keyword: Roubadeau

Place_Keyword: Scottsbluff County

Place_Keyword: Scotts Bluff

Access_Constraints: None

Use_Constraints:

Any person using the information presented here should fully understand the data collection and compilation procedures, as described in these metadata, before beginning analyses. The burden for determining fitness for use lies entirely with the user. For purposes of publication or dissemination, citations or credit should be given to the U.S. Geological Survey and the National Park Service.

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Contact_Organization:

USGS Biological Resources Division, Center for Biological Informatics

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Address_Type: Physical Address

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Browse_Graphic:

Browse_Graphic_File_Name: <http://biology.usgs.gov/npsveg/scbl/images/scblplots.pdf>

Browse_Graphic_File_Description: Locations of vegetation plot samples; low resolution for web browsing.

Browse_Graphic_File_Type: PDF

Data_Set_Credit:

Steve Rolfsmeier, in cooperation with The Nature Conservancy, collected field data.

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Native_Data_Set_Environment: DB4

Cross_Reference:

Citation_Information:

Originator: U.S. Geological Survey, Department of the Interior

Publication_Date: 199809

Title:

Scotts Bluff National Monument, Spatial Vegetation Data: Cover
type / Association Level of the National Vegetation Classification System
Base for Vegetation Mapping

Geospatial_Data_Presentation_Form: Database

Series_Information:

Series_Name: USGS-NPS Vegetation Mapping Program

Issue_Identification: Scottsbluff National Monument

Publication_Information:

Publication_Place: Denver, CO

Publisher:

USGS, Biological Resources Division, Center for Biological Informatics

Other_Citation_Details:

Created in large part by Environmental Research Institute, Inc. Redlands, CA under contract from
USGS/BRD/CBI.

Online_Linkage: <http://biology.usgs.gov/npsveg/scbl/index.html>

Cross_Reference:

Citation_Information:

Originator: U.S. Geological Survey, Department of the Interior

Publication_Date: 199810

Title: Scotts Bluff National Monument, Accuracy Assessment

Geospatial_Data_Presentation_Form: Database

Series_Information:

Series_Name: USGS-NPS Vegetation Mapping Program

Issue_Identification: Scotts Bluff National Monument

Publication_Information:

Publication_Place: Denver, CO

Publisher:

USGS, Biological Resources Division, Center for Biological Informatics

Other_Citation_Details:

Created in large part by Environmental Systems Research Institute, Inc., Redlands, CA under
contract from USGS/BRD/CBI.

Online_Linkage: http://biology.usgs.gov/npsveg/scbl/aa_rpt.pdf

Taxonomy:

Keywords/Taxon:

Taxonomic_Keyword_Thesaurus: None

Taxonomic_Keywords: vegetation classification

Taxonomic_Keywords: Standardized National Vegetation Classification System

Taxonomic_Keywords: alliance

Taxonomic_Keywords: community association

Taxonomic_System:

Classification_System/Authority:

Classification_System_Citation:

Citation_Information:

Originator: U.S. Government; Federal Geographic Data Committee

Publication_Date: 19971022

Title: National Vegetation Classification Standard (NVCS)

Geospatial_Data_Presentation_Form: document

Publication_Information:

Publication_Place: Washington D.C.

Publisher: Federal Geographic Data Committee

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Online_Linkage: http://www.fgdc.gov/standards/projects/FGDC-standards-projects/vegetation/index_html

Taxonomic_Procedures:

Vegetation associations were identified; no specimens nor vouchers were collected as a part of this process.

Taxonomic_Completeness:

Conforms with FGDC standardized vegetation classification system.

Taxonomic_Classification:

Taxon_Rank_Name: Kingdom

Taxon_Rank_Value: Plantae

Applicable_Common_Name: plants

Taxonomic_Classification:

Taxon_Rank_Name: Subkingdom

Taxon_Rank_Value: Tracheobionta

Taxonomic_Classification:

Taxon_Rank_Name: Division

Taxon_Rank_Value: Magnoliophyta

Taxonomic_Classification:

Taxon_Rank_Name: Class

Taxon_Rank_Value: Magnoliopsida

Taxonomic_Classification:

Taxon_Rank_Name: Subclass

Taxon_Rank_Value: Asteridae

Taxonomic_Classification:

Taxon_Rank_Name: Order

Taxon_Rank_Value: Asterales

Taxonomic_Classification:

Taxon_Rank_Name: Family

Taxon_Rank_Value: Asteraceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus

Taxon_Rank_Value: Ericameria

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Ericameria nauseosa

Applicable_Common_Name: goldenbush

Applicable_Common_Name: rubber rabbitbrush

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Ericameria parryi

Applicable_Common_Name: Parry goldenbush

Applicable_Common_Name: Parry's rabbitbrush

Taxonomic_Classification:

Taxon_Rank_Name: Genus

Taxon_Rank_Value: Iva

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Iva axillaris

Applicable_Common_Name: povertyweed

Applicable_Common_Name: deer-root

Applicable_Common_Name: poverty sumpweed

Applicable_Common_Name: Iva poverty weed

Applicable_Common_Name: lesser marshelder

Applicable_Common_Name: mouseear povertyweed

Applicable_Common_Name: poverty weed

Applicable_Common_Name: smallflowered marshelder

Taxonomic_Classification:

Taxon_Rank_Name: Genus

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Value: Gutierrezia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Gutierrezia sarothrae
Applicable_Common_Name: broom snakeweed
Applicable_Common_Name: Broomsnakeweed
Applicable_Common_Name: broomweed
Applicable_Common_Name: perennial snakeweed
Applicable_Common_Name: stinkweed
Applicable_Common_Name: turpentine weed
Applicable_Common_Name: yellow top
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Ambrosia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Ambrosia psilostachya
Applicable_Common_Name: Cuman ragweed
Applicable_Common_Name: perennial ragweed
Applicable_Common_Name: western ragweed
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Antennaria
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Antennaria microphylla
Applicable_Common_Name: littleleaf pussytoes
Applicable_Common_Name: Rocky Mountain pussytoes
Applicable_Common_Name: smallleaf pussytoes
Applicable_Common_Name: small leaf everlasting
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Antennaria parvifolia
Applicable_Common_Name: littleleaf pussytoes
Applicable_Common_Name: little-leaf pussytoes
Applicable_Common_Name: Rocky Mountain pussytoes
Applicable_Common_Name: smalleaf pussytoes
Applicable_Common_Name: smallleaf pussytoes
Applicable_Common_Name: small-leaf pussytoes
Applicable_Common_Name: small leaf everlasting
Applicable_Common_Name: small leaf pussytoes
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Artemisia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Artemisia campestris
Applicable_Common_Name: field sagewort
Applicable_Common_Name: pacific wormwood
Applicable_Common_Name: wormwood sagewort
Applicable_Common_Name: common sagewort
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Artemisia cana
Applicable_Common_Name: silver sagebrush
Taxonomic_Classification:

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Name: Species
Taxon_Rank_Value: Artemisia filifolia
Applicable_Common_Name: sand sagebrush
Applicable_Common_Name: sand sagebrush
Applicable_Common_Name: sandhill sage
Applicable_Common_Name: silvery wormwood
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Artemisia frigida
Applicable_Common_Name: fringed sagewort
Applicable_Common_Name: prairie sagewort
Applicable_Common_Name: fringed sagebrush
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Artemisia ludoviciana
Applicable_Common_Name: cudweed sagewort
Applicable_Common_Name: Louisiana sagewort
Applicable_Common_Name: white sagebrush
Applicable_Common_Name: gray sagewort
Applicable_Common_Name: Louisiana wormwood
Applicable_Common_Name: mugwort wormwood
Applicable_Common_Name: prairie sage
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Aster
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Aster commutatus
Applicable_Common_Name: cluster aster
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Bidens
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Bidens comosa
Applicable_Common_Name: three-lobed beggartick
Applicable_Common_Name: three-lobed beggartick
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Brickellia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Brickellia grandiflora
Applicable_Common_Name: tassel flower brickellbush
Applicable_Common_Name: mountain brickellbush
Applicable_Common_Name: tassel flower brickellia
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Carduus
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Carduus nutans
Applicable_Common_Name: nodding plumeless thistle
Applicable_Common_Name: musk thistle
Applicable_Common_Name: nodding plumeless-thistle
Applicable_Common_Name: chardon penche

Applicable_Common_Name: plumeless thistle
Applicable_Common_Name: nodding thistle
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Chrysopsis
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Chrysopsis villosa
Applicable_Common_Name: goldenaster
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Cirsium
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Cirsium arvense
Applicable_Common_Name: Canadian thistle
Applicable_Common_Name: Canada thistle
Applicable_Common_Name: Californian thistle
Applicable_Common_Name: creeping thistle
Applicable_Common_Name: field thistle
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Cirsium canescens
Applicable_Common_Name: prairie thistle
Applicable_Common_Name: Platte thistle
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Conyza
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Conyza canadensis
Applicable_Common_Name: Canadian horseweed
Applicable_Common_Name: Canada horseweed
Applicable_Common_Name: marestail
Applicable_Common_Name: horseweed
Applicable_Common_Name: horseweed fleabane
Applicable_Common_Name: mares tail
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Crepis
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Crepis atribarba
Applicable_Common_Name: slender hawksbeard
Applicable_Common_Name: hawksbeard
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Erigeron
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Erigeron bellidiastrum
Applicable_Common_Name: western daisy fleabane
Applicable_Common_Name: western fleabane
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Erigeron canus

Applicable_Common_Name: annual
sunflower
Applicable_Common_Name: sunflower
Applicable_Common_Name: wild sunflower
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Helianthus petiolaris
Applicable_Common_Name: prairie
sunflower
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Hymenopappus
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Hymenopappus
filifolius
Applicable_Common_Name: fineleaf
hymenopappus
Applicable_Common_Name: cutleaf
Applicable_Common_Name: fine-leaf
woollywhite
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Hymenoxys
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Hymenoxys
acaulis
Applicable_Common_Name: stemless
four-nerve daisy
Applicable_Common_Name: stemless
actinea
Applicable_Common_Name: stemless
four-nerve-daisy
Applicable_Common_Name: stemless
bitterweed
Applicable_Common_Name: stemless
hymenoxys
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Hymenoxys
scaposa
Applicable_Common_Name: stemmy
four-nerve daisy
Applicable_Common_Name: stemmy
hymenoxys
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Kuhnia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Kuhnia
eupatorioides
Applicable_Common_Name: false
boneset
Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Lactuca
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Lactuca
oblongifolia
Applicable_Common_Name:
blue lettuce
Applicable_Common_Name:
blue wild lettuce
Applicable_Common_Name:
chicory lettuce
Applicable_Common_Name:
Russian blue lettuce
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Lactuca
serriola
Applicable_Common_Name:
prickly lettuce
Applicable_Common_Name:
China lettuce
Applicable_Common_Name:
wild lettuce
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Liatris
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Liatris
punctata
Applicable_Common_Name:
dotted gayfeather
Applicable_Common_Name:
dotted blazing star
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value:
Lygodesmia
Taxonomic_Classification:
Taxon_Rank_Name:
Species
Taxon_Rank_Value:
Lygodesmia juncea

Applicable_Common_Name: rush skeletonplant
Applicable_Common_Name: rush skeleton-plant
Applicable_Common_Name: rush skeletonweed
Applicable_Common_Name: skeletonplant
Applicable_Common_Name: skeletonweed
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Machaeranthera
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Machaeranthera canescens

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: hoary aster
Applicable_Common_Name: hoary goldenweed
Applicable_Common_Name: hoary tansy-aster
Applicable_Common_Name: hoary tansyaster
Applicable_Common_Name: hoary machaeranthera
Applicable_Common_Name: purple aster

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Microseris

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Microseris cuspidata
Applicable_Common_Name: microseris
Applicable_Common_Name: wavy-leaf prairie-dandelion
Applicable_Common_Name: sharpshoot prairie-dandelion
Applicable_Common_Name: sharpshoot microseris

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Ratibida

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Ratibida columnifera
Applicable_Common_Name: upright prairie coneflower
Applicable_Common_Name: Prairie coneflower
Applicable_Common_Name: prairieconeflower
Applicable_Common_Name: redspike Mexican hat
Applicable_Common_Name: prairie coneflower (upright)

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Senecio

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Senecio canus
Applicable_Common_Name: woolly groundsel

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Senecio integerrimus
Applicable_Common_Name: lambstongue ragwort
Applicable_Common_Name: lamb-tongue ragwort
Applicable_Common_Name: lambstongue groundsel

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Senecio riddellii
Applicable_Common_Name: Riddell's ragwort
Applicable_Common_Name: riddell groundsel
Applicable_Common_Name: Sand groundsel
Applicable_Common_Name: Riddell groundsel
Applicable_Common_Name: Riddell ragwort

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Solidago

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Solidago canadensis
Applicable_Common_Name: Canada goldenrod
Applicable_Common_Name: Canadian goldenrod

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: common goldenrod
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Solidago missouriensis
Applicable_Common_Name: Missouri goldenrod
Applicable_Common_Name: prairie goldenrod
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Solidago mollis
Applicable_Common_Name: velvety goldenrod
Applicable_Common_Name: ashy goldenrod
Applicable_Common_Name: soft goldenrod
Applicable_Common_Name: woolly goldenrod
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Stephanomeria
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Stephanomeria runcinata
Applicable_Common_Name: desert wirelettuce
Applicable_Common_Name: flowering-straw
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Taraxacum
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Taraxacum officinale
Applicable_Common_Name: common dandelion
Applicable_Common_Name: dandelion
Applicable_Common_Name: blowball
Applicable_Common_Name: faceclock
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Thelesperma
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Thelesperma megapotamicum
Applicable_Common_Name: Hopi tea greenthread
Applicable_Common_Name: green threads
Applicable_Common_Name: hopitea greenthread
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Townsendia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Townsendia grandiflora
Applicable_Common_Name: largeflower Townsend daisy
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Tragopogon
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Tragopogon dubius
Applicable_Common_Name: yellow salsify
Applicable_Common_Name: common salsify
Applicable_Common_Name: goatsbeard

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: meadow goat's-beard
Applicable_Common_Name: salsify
Applicable_Common_Name: goat's beard
Applicable_Common_Name: salsifis majeur
Applicable_Common_Name: Western goat's beard
Applicable_Common_Name: western salsify
Applicable_Common_Name: wild oysterplant
Applicable_Common_Name: yellow goat's beard

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Xanthium

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Xanthium strumarium
Applicable_Common_Name: cocklebur
Applicable_Common_Name: rough cockleburr
Applicable_Common_Name: cockleburr
Applicable_Common_Name: common cocklebur
Applicable_Common_Name: rough cocklebur

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Gentianales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Asclepiadaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Asclepias

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Asclepias engelmanniana
Applicable_Common_Name: Engelmann's milkweed

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Asclepias pumila
Applicable_Common_Name: plains milkweed
Applicable_Common_Name: low milkweed

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Asclepias speciosa
Applicable_Common_Name: showy milkweed

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Asclepias viridiflora
Applicable_Common_Name: green milkweed
Applicable_Common_Name: green comet milkweed
Applicable_Common_Name: green antelopehorn milkweed

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Lamiales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Boraginaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Cryptantha

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Cryptantha thyrsoflora
Applicable_Common_Name: cryptantha
Applicable_Common_Name: calcareous cryptantha
Applicable_Common_Name: calcareous catseye

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Cryptantha cana
Applicable_Common_Name: mountain cryptantha

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Cryptantha minima
Applicable_Common_Name: mountain cryptantha

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Cynoglossum

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Cynoglossum officinale
Applicable_Common_Name: gypsyflower
Applicable_Common_Name: common houndstongue
Applicable_Common_Name: gypsy-flower
Applicable_Common_Name: houndstongue
Applicable_Common_Name: hound's tongue

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Lappula

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Lappula redowskii
Applicable_Common_Name: desert stickseed
Applicable_Common_Name: flat-spine sheepburr

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Lappula texana
Applicable_Common_Name: flatspine stickseed
Applicable_Common_Name: flat-spine sheepburr

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Lithospermum

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Lithospermum incisum
Applicable_Common_Name: fringed gromwell
Applicable_Common_Name: narrowleaf gromwell
Applicable_Common_Name: narrowleaf pucoon
Applicable_Common_Name: narrowleaf stoneseed
Applicable_Common_Name: fringed pucoon
Applicable_Common_Name: trumpet stoneseed

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Lamiaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Hedeoma

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Hedeoma drummondii
Applicable_Common_Name: drummond falsepennyroyal
Applicable_Common_Name: Drummond's false pennyroyal
Applicable_Common_Name: Drummond's falsepennyroyal
Applicable_Common_Name: Drummond's pennyroyal

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Hedeoma hispidum

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Monarda

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Monarda pectinata
Applicable_Common_Name: pony beebalm
Applicable_Common_Name: miners lettuce
Applicable_Common_Name: Plains beebalm
Applicable_Common_Name: horse mint
Applicable_Common_Name: plains beebalm
Applicable_Common_Name: spotted beebalm

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Nepeta

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Nepeta cataria
Applicable_Common_Name: catnip
Applicable_Common_Name: catmint
Applicable_Common_Name: catwort
Applicable_Common_Name: field balm

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Verbenaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Verbena

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Verbena stricta
Applicable_Common_Name: hoary verbena
Applicable_Common_Name: hoary vervain
Applicable_Common_Name: woolly verbena
Applicable_Common_Name: Woolly verbena
Applicable_Common_Name: tall vervain
Applicable_Common_Name: woolly verbena

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Scrophulariales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Oleaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Fraxinus

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Fraxinus pennsylvanica
Applicable_Common_Name: green ash

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Orobanchaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Orobanche

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Orobanche fasciculata
Applicable_Common_Name: clustered broomrape
Applicable_Common_Name: clustered broom-rape
Applicable_Common_Name: purple broomrape
Applicable_Common_Name: tufted broomrape

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Scrophulariaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Penstemon

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Penstemon albidus
Applicable_Common_Name: white penstemon

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Penstemon angustifolius
Applicable_Common_Name: broadbeard beardtongue
Applicable_Common_Name: broad-beard beardtongue
Applicable_Common_Name: narrowleaf penstemon

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Penstemon glaber
Applicable_Common_Name: sawsepal penstemon
Applicable_Common_Name: western smooth beardtongue

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Verbascum

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Verbascum thapsus
Applicable_Common_Name: common mullein
Applicable_Common_Name: flannel mullein
Applicable_Common_Name: great mullein
Applicable_Common_Name: mullein
Applicable_Common_Name: big taper
Applicable_Common_Name: flannel plant
Applicable_Common_Name: velvet dock
Applicable_Common_Name: velvet plant
Applicable_Common_Name: woolly mullein

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Rubiales

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Rubiaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Galium

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Galium aparine
Applicable_Common_Name: stickywilly
Applicable_Common_Name: catchweed bedstraw
Applicable_Common_Name: goose grass
Applicable_Common_Name: stick-willy
Applicable_Common_Name: bedstraw
Applicable_Common_Name: cleavers
Applicable_Common_Name: cleaverwort
Applicable_Common_Name: scarthgrass
Applicable_Common_Name: white hedge

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Solanales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Convolvulaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Ipomoea

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Ipomoea leptophylla
Applicable_Common_Name: bush morningglory
Applicable_Common_Name: bush morning-glory

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Polemoniaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Ipomopsis

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Ipomopsis congesta
Applicable_Common_Name: ball-head skyrocket
Applicable_Common_Name: ballhead gilia
Applicable_Common_Name: ballhead skyrocket
Applicable_Common_Name: ballhead ipomopsis

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Leptodactylon

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Leptodactylon caespitosum
Applicable_Common_Name: mat prickly phlox
Applicable_Common_Name: mat pricklygilia

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Phlox

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Phlox andicola
Applicable_Common_Name: prairie phlox

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: spiny phlox
Applicable_Common_Name: hoods phlox

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Hydrophyllaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Phacelia

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Phacelia hastata
Applicable_Common_Name: silverleaf phacelia
Applicable_Common_Name: silver-leaf scorpion-weed
Applicable_Common_Name: spearhead phacelia

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Solanaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Physalis

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Physalis hispida
Applicable_Common_Name: prairie groundcherry
Applicable_Common_Name: groundcherry
Applicable_Common_Name: prairie ground-cherry

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Physalis longifolia
Applicable_Common_Name: longleaf groundcherry
Applicable_Common_Name: long-leaf ground-cherry
Applicable_Common_Name: common groundcherry

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Physalis pumila
Applicable_Common_Name: dwarf groundcherry

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Plantaginales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Plantaginaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Plantago

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Plantago patagonica
Applicable_Common_Name: woolly plantain
Applicable_Common_Name: woolly Indianwheat

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: wooly Indianwheat
Applicable_Common_Name: wooly plantain
Applicable_Common_Name: woolly plantian
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Dipsacales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Caprifoliaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Symphoricarpos
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Symphoricarpos occidentalis
Applicable_Common_Name: western snowberry
Applicable_Common_Name: wolfberry
Taxonomic_Classification:
Taxon_Rank_Name: Subclass
Taxon_Rank_Value: Caryophyllidae
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Caryophyllales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Chenopodiaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Atriplex
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Atriplex canescens
Applicable_Common_Name: fourwing saltbush
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Salsola
Applicable_Common_Name: Russian thistle
Applicable_Common_Name: tumbleweed
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Salsola iberica
Applicable_Common_Name: prickly Russian thistle
Applicable_Common_Name: Russian thistle
Applicable_Common_Name: tumbleweed
Applicable_Common_Name: tumbling thistle
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Ceratoides
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Ceratoides lanata
Applicable_Common_Name: winterfat
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Chenopodium
Applicable_Common_Name: goosefoot

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: goosefoot spp.

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Chenopodium berlandieri

Applicable_Common_Name: pitseed goosefoot

Applicable_Common_Name: pit-seed goosefoot

Applicable_Common_Name: pigseed goosefoot

Applicable_Common_Name: netseed lambsquarters

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Chenopodium fremontii

Applicable_Common_Name: Fremont's goosefoot

Applicable_Common_Name: Fremont goosefoot

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Chenopodium pratericola

Applicable_Common_Name: desert goosefoot

Taxonomic_Classification:

Taxon_Rank_Name: Genus

Taxon_Rank_Value: Kochia

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Kochia scoparia

Applicable_Common_Name: common kochia

Applicable_Common_Name: kochia

Applicable_Common_Name: Mexican-fireweed

Applicable_Common_Name: Summer cypress

Applicable_Common_Name: fireweed

Applicable_Common_Name: Mexican burningbush

Applicable_Common_Name: Mexican fireweed

Applicable_Common_Name: mock cypress

Applicable_Common_Name: summer cypress

Taxonomic_Classification:

Taxon_Rank_Name: Family

Taxon_Rank_Value: Cactaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus

Taxon_Rank_Value: Opuntia

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Opuntia macrorhiza

Applicable_Common_Name: twistspine pricklypear

Applicable_Common_Name: grassland pricklypear

Applicable_Common_Name: plains twistspine pricklypear

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Opuntia polyacantha

Applicable_Common_Name: plains pricklypear

Taxonomic_Classification:

Taxon_Rank_Name: Genus

Taxon_Rank_Value: Coryphantha

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Coryphantha vivipara

Applicable_Common_Name: spinystar

Applicable_Common_Name: pink pincushioncactus

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: spinystar cactus
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Caryophyllaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Arenaria
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Arenaria hookeri
Applicable_Common_Name: Hooker's sandwort
Applicable_Common_Name: hooker sandwort
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Paronychia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Paronychia depressa
Applicable_Common_Name: spreading nailwort
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Paronychia sessiliflora
Applicable_Common_Name: creeping nailwort
Applicable_Common_Name: low nailwort
Applicable_Common_Name: nailwort
Applicable_Common_Name: stemless nailwort
Applicable_Common_Name: creeping mailwort
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Nyctaginaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Mirabilis
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Mirabilis hirsuta
Applicable_Common_Name: hairy four o'clock
Applicable_Common_Name: hairy four o clock
Applicable_Common_Name: hairy four-o'clock
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Mirabilis linearis
Applicable_Common_Name: narrowleaf four o'clock
Applicable_Common_Name: narrow-leaf four-o'clock
Applicable_Common_Name: narrowleaf four o clock
Applicable_Common_Name: linearleaf four-o'clock
Applicable_Common_Name: narrowleaf four-o'clock
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Polygonales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Polygonaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Eriogonum

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Eriogonum alatum
Applicable_Common_Name: winged buckwheat
Applicable_Common_Name: wind wildbuckwheat
Applicable_Common_Name: wing eriogonum

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Eriogonum annuum
Applicable_Common_Name: annual buckwheat
Applicable_Common_Name: annual eriogonum
Applicable_Common_Name: annual wild buckwheat
Applicable_Common_Name: annual wildbuckwheat
Applicable_Common_Name: umbrella plant
Applicable_Common_Name: wild buckwheat

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Eriogonum flavum
Applicable_Common_Name: yellow eriogonum
Applicable_Common_Name: alpine golden buckwheat

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Eriogonum pauciflorum
Applicable_Common_Name: fewflower buckwheat
Applicable_Common_Name: few-flower wild buckwheat
Applicable_Common_Name: manybranch eriogonum

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Polygonum

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Polygonum ramosissimum
Applicable_Common_Name: bushy knotweed
Applicable_Common_Name: yellow-flower knotweed
Applicable_Common_Name: yellow knotweed
Applicable_Common_Name: tall knotweed

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Rumex
Applicable_Common_Name: dock
Applicable_Common_Name: dock species

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Rumex crispus
Applicable_Common_Name: curly dock
Applicable_Common_Name: Curley dock
Applicable_Common_Name: narrowleaf dock
Applicable_Common_Name: sour dock
Applicable_Common_Name: yellow dock

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Rumex venosus
Applicable_Common_Name: veiny dock

Taxonomic_Classification:

Taxon_Rank_Name: Subclass
Taxon_Rank_Value: Rosidae

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxonomic_Classification:

Taxon_Rank_Name: Order

Taxon_Rank_Value: Fabales

Taxonomic_Classification:

Taxon_Rank_Name: Family

Taxon_Rank_Value: Fabaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus

Taxon_Rank_Value: Dalea

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Dalea candida var. oligophylla

Applicable_Common_Name: white dalea

Applicable_Common_Name: white prairie-clover

Applicable_Common_Name: white prairie clover

Applicable_Common_Name: white prairieclover

Taxonomic_Classification:

Taxon_Rank_Name: Genus

Taxon_Rank_Value: Melilotus

Applicable_Common_Name: sweetclover

Applicable_Common_Name: sweet clover

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Melilotus alba

Applicable_Common_Name: white sweetclover

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Melilotus albus

Applicable_Common_Name: yellow sweetclover

Applicable_Common_Name: yellow sweet-clover

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Melilotus officinalis

Applicable_Common_Name: yellow sweetclover

Applicable_Common_Name: yellow sweet-clover

Taxonomic_Classification:

Taxon_Rank_Name: Genus

Taxon_Rank_Value: Astragalus

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Astragalus gracilis

Applicable_Common_Name: slender milkvetch

Applicable_Common_Name: milkvetch

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Astragalus missouriensis

Applicable_Common_Name: Missouri milkvetch

Applicable_Common_Name: Missouri milk-vetch

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Astragalus adsurgens

Applicable_Common_Name: standing milkvetch

Taxonomic_Classification:

Taxon_Rank_Name: Species

Taxon_Rank_Value: Astragalus kentrophyta

Applicable_Common_Name: spiny milkvetch

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: spiny milk-vetch
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Astragalus lotiflorus
Applicable_Common_Name: lotus milkvetch
Applicable_Common_Name: lotus milk-vetch
Applicable_Common_Name: milkvetch
Applicable_Common_Name: low milkvetch
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Astragalus pectinatus
Applicable_Common_Name: narrowleaf milkvetch
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Astragalus spatulatus
Applicable_Common_Name: tufted milkvetch
Applicable_Common_Name: tufted milk-vetch
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Glycyrrhiza
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Glycyrrhiza lepidota
Applicable_Common_Name: American licorice
Applicable_Common_Name: licorice
Applicable_Common_Name: wild licorice
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Lathyrus
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Lathyrus polymorphus
Applicable_Common_Name: manystem peavine
Applicable_Common_Name: manystem pea
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Oxytropis
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Oxytropis lambertii
Applicable_Common_Name: Lambert crazyweed
Applicable_Common_Name: Lambert locoweed
Applicable_Common_Name: purple loco
Applicable_Common_Name: purple locoweed
Applicable_Common_Name: Lambert loco
Applicable_Common_Name: stemless loco
Applicable_Common_Name: white woollyloco
Applicable_Common_Name: whitepoint locoweed
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Oxytropis sericea
Applicable_Common_Name: Silky crazyweed
Applicable_Common_Name: white pointloco
Applicable_Common_Name: white locoweed
Applicable_Common_Name: silvery oxytrope
Applicable_Common_Name: white crazyweed

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: locoweed
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Psoralea
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Psoralea argophylla
Applicable_Common_Name: silverleaf scurfpea
Applicable_Common_Name: silverleaf Indian breadroot
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Psoralea esculenta
Applicable_Common_Name: breadroot scurfpea
Applicable_Common_Name: Indian breadroot
Applicable_Common_Name: large Indian breadroot
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Psoralea lanceolata
Applicable_Common_Name: lemon scurfpea
Applicable_Common_Name: wild lemonweed
Applicable_Common_Name: dune scurfpea
Applicable_Common_Name: lemmon scurfpea
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Psoralea tenuiflora
Applicable_Common_Name: slimflower scurfpea
Applicable_Common_Name: scurfpea
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Thermopsis
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Thermopsis rhombifolia
Applicable_Common_Name: prairie thermopsis
Applicable_Common_Name: goldenpea
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Vicia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Vicia americana
Applicable_Common_Name: American vetch
Applicable_Common_Name: American deervetch
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Sapindales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Aceraceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Acer
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Acer negundo
Applicable_Common_Name: ashleaf maple

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: boxelder
Applicable_Common_Name: boxelder maple
Applicable_Common_Name: california boxelder
Applicable_Common_Name: manitoba maple
Applicable_Common_Name: western boxelder
Applicable_Common_Name: box elder

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Anacardiaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Rhus

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Rhus aromatica
Applicable_Common_Name: fragrant sumac

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Toxicodendron

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Toxicodendron rydbergii
Applicable_Common_Name: western poison ivy
Applicable_Common_Name: western poison-ivy
Applicable_Common_Name: W. Poison ivy
Applicable_Common_Name: poison ivy

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Myrtales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Onagraceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Calylophus

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Calylophus serrulatus
Applicable_Common_Name: yellow sundrops
Applicable_Common_Name: halfshrub calylophus
Applicable_Common_Name: halfshrub sundrop
Applicable_Common_Name: serrateleaf eveningprimrose

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Epilobium

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Epilobium ciliatum
Applicable_Common_Name: hairy willowherb
Applicable_Common_Name: fringed willowherb
Applicable_Common_Name: hairy willowweed

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Gaura

Taxonomic_Classification:

Taxon_Rank_Name: Species

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Value: *Gaura coccinea*
Applicable_Common_Name: scarlet beeblossom
Applicable_Common_Name: scarlet gaura
Applicable_Common_Name: Scarlet guara

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: *Gaura parviflora*
Applicable_Common_Name: velvetweed
Applicable_Common_Name: smallflowered gaura
Applicable_Common_Name: velvety gaura
Applicable_Common_Name: willow gaura

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Oenothera*

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: *Oenothera caespitosa*
Applicable_Common_Name: tufted evening-primrose

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: *Oenothera speciosa*
Applicable_Common_Name: pinkladies
Applicable_Common_Name: Showy evening primrose
Applicable_Common_Name: showy eveningprimrose

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: *Oenothera villosa*
Applicable_Common_Name: hairy evening primrose
Applicable_Common_Name: hairy evening-primrose
Applicable_Common_Name: hairy eveningprimrose

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Rosales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Rosaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Cercocarpus*

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: *Cercocarpus montanus*
Applicable_Common_Name: alderleaf cercocarpus
Applicable_Common_Name: mountainmahogany
Applicable_Common_Name: true mountain mahogany
Applicable_Common_Name: true mountainmahogany
Applicable_Common_Name: alderleaf mountain mahogany
Applicable_Common_Name: birchleaf mountainmahogany

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Prunus*

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: *Prunus virginiana*
Applicable_Common_Name: chokecherry
Applicable_Common_Name: common chokecherry

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: Virginia chokecherry
Applicable_Common_Name: chokecherry (common)

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Rosa

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Rosa woodsii
Applicable_Common_Name: Woods' rose
Applicable_Common_Name: woods rose
Applicable_Common_Name: Wood's rose

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Grossulariaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Ribes

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Ribes cereum
Applicable_Common_Name: wax currant
Applicable_Common_Name: wax current

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Ribes odoratum
Applicable_Common_Name: golden currant
Applicable_Common_Name: clove currant

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Santalales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Santalaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Comandra

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Comandra umbellata
Applicable_Common_Name: bastard toadflax

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Apiales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Apiaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Conium

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Conium maculatum
Applicable_Common_Name: poison hemlock
Applicable_Common_Name: poison-hemlock
Applicable_Common_Name: cigue maculee
Applicable_Common_Name: cigue tachetee

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: deadly hemlock
Applicable_Common_Name: poison parsley
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Lomatium
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Lomatium nuttallii
Applicable_Common_Name: Nuttall's biscuitroot
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Musineon
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Musineon tenuifolium
Applicable_Common_Name: slender wildparsley
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Euphorbiales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Euphorbiaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Croton
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Croton texensis
Applicable_Common_Name: Texas croton
Applicable_Common_Name: croton
Applicable_Common_Name: doveweed
Applicable_Common_Name: goatweed
Applicable_Common_Name: skunkweed
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Euphorbia
Applicable_Common_Name: spurge
Applicable_Common_Name: euphorbia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Euphorbia glyptosperma
Applicable_Common_Name: ribseed sandmat
Applicable_Common_Name: rib-seed sandmat
Applicable_Common_Name: ridgeseed spurge
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Euphorbia missurica
Applicable_Common_Name: prairie sandmat
Applicable_Common_Name: Missouri spurge
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Euphorbia robusta
Applicable_Common_Name: Rocky Mountain spurge
Applicable_Common_Name: horned spurge
Taxonomic_Classification:
Taxon_Rank_Name: Species

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Value: Euphorbia serpyllifolia
Applicable_Common_Name: thymeleaf sandmat
Applicable_Common_Name: thyme-leaf sandmat
Applicable_Common_Name: thymeleaf spurge

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Euphorbia spathulata
Applicable_Common_Name: warty spurge
Applicable_Common_Name: roughpod spurge

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Rhamnales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Elaeagnaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Elaeagnus

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Elaeagnus angustifolia
Applicable_Common_Name: russian olive
Applicable_Common_Name: Russian olive
Applicable_Common_Name: Russian-olive
Applicable_Common_Name: oleaster

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Vitaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Parthenocissus

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Parthenocissus vitacea
Applicable_Common_Name: woodbine
Applicable_Common_Name: Virginia creeper
Applicable_Common_Name: thicket creeper

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Vitis

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Vitis riparia
Applicable_Common_Name: riverbank grape
Applicable_Common_Name: river-bank grape

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Linales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Linaceae

Taxonomic_Classification:

Taxon_Rank_Name: Linum
Taxon_Rank_Value: Dalea

Taxonomic_Classification:

Taxon_Rank_Name: Species

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Value: Linum rigidum
Applicable_Common_Name: stiffstem flax
Applicable_Common_Name: orange flax
Applicable_Common_Name: stiff flax

Taxonomic_Classification:

Taxon_Rank_Name: Subclass
Taxon_Rank_Value: Dilleniidae

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Capparales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Brassicaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Alyssum

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Alyssum desertorum
Applicable_Common_Name: desert madwort
Applicable_Common_Name: desert alyssum

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Arabis

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Arabis holboellii
Applicable_Common_Name: Holboell's rockcress
Applicable_Common_Name: Holboell rockcress

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Camelina

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Camelina microcarpa
Applicable_Common_Name: little-pod false flax
Applicable_Common_Name: littlepod falseflax
Applicable_Common_Name: littlepod false flax
Applicable_Common_Name: littleseed falseflax
Applicable_Common_Name: false flax
Applicable_Common_Name: small fruited falseflax
Applicable_Common_Name: smallseed falseflax

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Descurainia

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Descurainia pinnata
Applicable_Common_Name: western tansymustard
Applicable_Common_Name: pinnate tansy mustard
Applicable_Common_Name: pinnate tansymustard
Applicable_Common_Name: green tansymustard
Applicable_Common_Name: tansymustard

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Descurainia sophia

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: herb sophia
Applicable_Common_Name: flaxweed tansymustard
Applicable_Common_Name: flixweed tansymustard
Applicable_Common_Name: herb-sophia
Applicable_Common_Name: tansymustard
Applicable_Common_Name: flixweed
Applicable_Common_Name: pinnate tansymustard

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Draba

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Draba reptans
Applicable_Common_Name: Carolina Whitlow-grass
Applicable_Common_Name: Carolina whitlowgrass
Applicable_Common_Name: creeping draba
Applicable_Common_Name: Carolina draba

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Erysimum

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Erysimum asperum
Applicable_Common_Name: sanddune wallflower
Applicable_Common_Name: western wallflower
Applicable_Common_Name: plains wallflower
Applicable_Common_Name: prairie rocket

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Lepidium

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Lepidium densiflorum
Applicable_Common_Name: common pepperweed
Applicable_Common_Name: miner's pepperwort
Applicable_Common_Name: miners pepperweed
Applicable_Common_Name: prairie pepperweed
Applicable_Common_Name: pepperweed
Applicable_Common_Name: greenflower pepperweed
Applicable_Common_Name: peppergrass

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Lepidium latifolium
Applicable_Common_Name: broadleaved pepperweed
Applicable_Common_Name: perennial pepperweed
Applicable_Common_Name: peppergrass mustard
Applicable_Common_Name: broadleaved peppergrass
Applicable_Common_Name: tall whitetop
Applicable_Common_Name: Virginia pepperweed
Applicable_Common_Name: broad-leaved pepperweed
Applicable_Common_Name: broadleaf pepperweed
Applicable_Common_Name: perennial peppergrass

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Lesquerella

Taxonomic_Classification:

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Name: Species
Taxon_Rank_Value: Lesquerella caespitosum
Applicable_Common_Name: alpine bladderpod
Applicable_Common_Name: alkaline bladderpod
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Lesquerella ludoviciana
Applicable_Common_Name: foothill bladderpod
Applicable_Common_Name: Louisiana bladderpod
Applicable_Common_Name: silver bladderpod
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Physaria
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Physaria brassicoides
Applicable_Common_Name: double twinpod
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Sisymbrium
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Sisymbrium altissimum
Applicable_Common_Name: tall tumbledustard
Applicable_Common_Name: tall hedge-mustard
Applicable_Common_Name: tumbledustard
Applicable_Common_Name: Jim Hill mustard
Applicable_Common_Name: tall mustard
Applicable_Common_Name: tumble mustard
Applicable_Common_Name: tumbleweed mustard
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Thlaspi
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Thlaspi arvense
Applicable_Common_Name: field pennycress
Applicable_Common_Name: fanweed
Applicable_Common_Name: Frenchweed
Applicable_Common_Name: pennycress
Applicable_Common_Name: stinkweed
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Capparaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Polanisia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Polanisia dodecandra
Applicable_Common_Name: redwhisker clammyweed
Applicable_Common_Name: clammyweed
Applicable_Common_Name: red-whisker clammyweed
Applicable_Common_Name: roughseed clammyweed
Taxonomic_Classification:
Taxon_Rank_Name: Order

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Value: Violales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Loasaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Mentzelia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Mentzelia decapetala
Applicable_Common_Name: tenpetal blazingstar
Applicable_Common_Name: gumbo-lily
Applicable_Common_Name: tenpetal mentzelia
Applicable_Common_Name: evening starflower
Applicable_Common_Name: tenpetal stickleaf
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Mentzelia nuda
Applicable_Common_Name: bractless blazingstar
Applicable_Common_Name: goodmother
Applicable_Common_Name: stickleaf mentzelia
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Violaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Viola
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Viola nuttallii
Applicable_Common_Name: Nuttall's violet
Applicable_Common_Name: Nuttall violet
Applicable_Common_Name: yellow prairie violet
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Salicales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Salicaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Populus
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Populus deltoides
Applicable_Common_Name: eastern cottonwood
Applicable_Common_Name: plains cottonwood
Applicable_Common_Name: cottonwood
Applicable_Common_Name: common cottonwood
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Salix
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Salix amygdaloides
Applicable_Common_Name: peachleaf willow

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: peach-leaf willow
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Salix exigua
Applicable_Common_Name: narrowleaf willow
Applicable_Common_Name: coyote willow
Applicable_Common_Name: desert willow
Applicable_Common_Name: sandbar willow
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Salix interior
Applicable_Common_Name: sandbar willow
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Malvales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Malvaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Sphaeralcea
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Sphaeralcea coccinea
Applicable_Common_Name: scarlet globemallow
Applicable_Common_Name: orange globemallow
Applicable_Common_Name: copper mallow
Applicable_Common_Name: red falsemallow
Taxonomic_Classification:
Taxon_Rank_Name: Subclass
Taxon_Rank_Value: Magnoliidae
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Ranunculales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Ranunculaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Clematis
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Clematis ligusticifolia
Applicable_Common_Name: western white clematis
Applicable_Common_Name: virgins bower
Applicable_Common_Name: virginsbower
Applicable_Common_Name: virgin's bower
Taxonomic_Classification:
Taxon_Rank_Name: Subclass
Taxon_Rank_Value: Hamamelidae
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Urticales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Urticaceae

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Parietaria
Applicable_Common_Name: pellitory

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Parietaria pensylvanica
Applicable_Common_Name: Pennsylvania pellitory

Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Ulmaceae

Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Ulmus
Applicable_Common_Name: pellitory

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Ulmus pumila
Applicable_Common_Name: Siberian elm
Applicable_Common_Name: Chinese elm

Taxonomic_Classification:
Taxon_Rank_Name: Class
Taxon_Rank_Value: Liliopsida

Taxonomic_Classification:
Taxon_Rank_Name: Subclass
Taxon_Rank_Value: Commelinidae

Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Cyperales

Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Poaceae

Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Stipa

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Stipa comata
Applicable_Common_Name: needleandthread
Applicable_Common_Name: needle and thread

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Stipa viridula
Applicable_Common_Name: green needlegrass

Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Agropyron

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Agropyron dasystachyum
Applicable_Common_Name: streamside wild rye
Applicable_Common_Name: thickspike wheatgrass
Applicable_Common_Name: streambank wheatgrass

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Agropyron caninum

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: bearded wheatgrass
Applicable_Common_Name: bearded wild rye
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Agropyron cristatum
Applicable_Common_Name: crested wheatgrass
Applicable_Common_Name: crested wheat grass
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Agropyron repens
Applicable_Common_Name: couchgrass
Applicable_Common_Name: dog grass
Applicable_Common_Name: quackgrass
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Agropyron smithii
Applicable_Common_Name: western wheatgrass
Applicable_Common_Name: pubescent wheatgrass
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Agrostis
Applicable_Common_Name: bentgrass
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Agrostis stolonifera
Applicable_Common_Name: creeping bentgrass
Applicable_Common_Name: creeping bent
Applicable_Common_Name: redtop
Applicable_Common_Name: redtop bent
Applicable_Common_Name: seaside bentgrass
Applicable_Common_Name: carpet bentgrass
Applicable_Common_Name: spreading bent
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Alopecurus
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Alopecurus arundinaceus
Applicable_Common_Name: creeping meadow foxtail
Applicable_Common_Name: creeping foxtail
Applicable_Common_Name: creeping meadow-foxtail
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Andropogon
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Andropogon hallii
Applicable_Common_Name: sand bluestem
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Andropogon scoparius
Applicable_Common_Name: little bluestem
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Aristida
Taxonomic_Classification:

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Name: Species
Taxon_Rank_Value: *Aristida purpurea*
Applicable_Common_Name: purple threeawn
Applicable_Common_Name: purple three-awn
Applicable_Common_Name: purple 3-awn
Applicable_Common_Name: red threeawn
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Bouteloua*
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Bouteloua curtipendula*
Applicable_Common_Name: sideoats grama
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Bouteloua gracilis*
Applicable_Common_Name: blue grama
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Bromus*
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Bromus inermis*
Applicable_Common_Name: smooth brome
Applicable_Common_Name: awnless brome
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Bromus japonicus*
Applicable_Common_Name: Japanese brome
Applicable_Common_Name: Japanese chess
Applicable_Common_Name: Japanese bromegrass
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Bromus squarrosus*
Applicable_Common_Name: corn brome
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Bromus tectorum*
Applicable_Common_Name: cheatgrass
Applicable_Common_Name: cheat grass
Applicable_Common_Name: downy brome
Applicable_Common_Name: early chess
Applicable_Common_Name: military grass
Applicable_Common_Name: wild oats
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Calamovilfa*
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Calamovilfa longifolia*
Applicable_Common_Name: prairie sandreed
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Distichlis*
Taxonomic_Classification:
Taxon_Rank_Name: Species

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Value: *Distichlis spicata*
Applicable_Common_Name: inland saltgrass
Applicable_Common_Name: seashore saltgrass
Applicable_Common_Name: desert saltgrass
Applicable_Common_Name: marsh spikegrass
Applicable_Common_Name: saltgrass
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Elymus*
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Elymus canadensis*
Applicable_Common_Name: Canada wildrye
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Festuca*
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Festuca octoflora*
Applicable_Common_Name: sixweeks fescue
Applicable_Common_Name: eight-flower six-weeks grass
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Koeleria*
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Keoheria cristata*
Applicable_Common_Name: prairie Junegrass
Applicable_Common_Name: junegrass
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Keoheria pyramidata*
Applicable_Common_Name: prairie Junegrass
Applicable_Common_Name: junegrass
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Muhlenbergia*
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Muhlenbergia cuspidata*
Applicable_Common_Name: plains muhly
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Muhlenbergia pungens*
Applicable_Common_Name: sandhill muhly
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Muhlenbergia racemosa*
Applicable_Common_Name: marsh muhly
Applicable_Common_Name: green muhly
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Oryzopsis*
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Oryzopsis hymenoides*

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Applicable_Common_Name: Indian ricegrass
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Oryzopsis micrantha*
Applicable_Common_Name: littleseed ricegrass
Applicable_Common_Name: little-seed mountain-rice grass
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Panicum*
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Panicum capillare*
Applicable_Common_Name: witchgrass
Applicable_Common_Name: annual witchgrass
Applicable_Common_Name: common panic grass
Applicable_Common_Name: common witchgrass
Applicable_Common_Name: panicgrass
Applicable_Common_Name: ticklegrass
Applicable_Common_Name: tumble panic
Applicable_Common_Name: tumbleweed grass
Applicable_Common_Name: witches hair
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Panicum virgatum*
Applicable_Common_Name: switchgrass
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Phalaris*
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Phalaris arundinacea*
Applicable_Common_Name: reed canarygrass
Applicable_Common_Name: reed canary grass
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Poa*
Applicable_Common_Name: bluegrass
Applicable_Common_Name: bluegrass spp.
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Poa pratensis*
Applicable_Common_Name: Kentucky bluegrass
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Poa secunda*
Applicable_Common_Name: Sandberg bluegrass
Applicable_Common_Name: big bluegrass
Applicable_Common_Name: Sandberg's bluegrass
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: *Sitanion*
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: *Sitanion hystrix*
Applicable_Common_Name: bottlebrush squirreltail
Applicable_Common_Name: squirreltail

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Spartina

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Spartina pectinata
Applicable_Common_Name: prairie cordgrass

Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Sporobolus

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Sporobolus airoides
Applicable_Common_Name: alkali sacaton
Applicable_Common_Name: alkali-sacaton

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Sporobolus cryptandrus
Applicable_Common_Name: sand dropseed

Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Cyperaceae

Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Carex
Applicable_Common_Name: sedge
Applicable_Common_Name: sedge species
Applicable_Common_Name: carex
Applicable_Common_Name: sedges

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Carex filifolia
Applicable_Common_Name: threadleaf sedge

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Carex hallii
Applicable_Common_Name: deer sedge
Applicable_Common_Name: naked sedge

Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Eleocharis

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Eleocharis erythropoda
Applicable_Common_Name: bald spikerush
Applicable_Common_Name: bald spike-rush
Applicable_Common_Name: spikesedge

Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Hordeum

Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Hordeum jubatum
Applicable_Common_Name: foxtail barley

Taxonomic_Classification:
Taxon_Rank_Name: Genus

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Value: Scirpus
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Scirpus pungens
Applicable_Common_Name: common three square
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Juncales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Juncaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Juncus
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Juncus torreyi
Applicable_Common_Name: Torrey's rush
Applicable_Common_Name: torrey rush
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Commelinales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Commelinaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Tradescantia
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Tradescantia occidentalis
Applicable_Common_Name: prairie spiderwort
Applicable_Common_Name: spiderwort
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Typhales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Typhaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Typha
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Typha latifolia
Applicable_Common_Name: broadleaf cattail
Applicable_Common_Name: cattail
Applicable_Common_Name: common cattail
Applicable_Common_Name: cattail (common)
Taxonomic_Classification:
Taxon_Rank_Name: Subclass
Taxon_Rank_Value: Liliidae
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Liliales
Taxonomic_Classification:

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Name: Family
Taxon_Rank_Value: Liliaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Allium
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Allium textile
Applicable_Common_Name: textile onion
Applicable_Common_Name: wild onion
Applicable_Common_Name: prairie onion
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Fritillaria
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Fritillaria atropurpurea
Applicable_Common_Name: leopard lily
Applicable_Common_Name: spotted missionbells
Applicable_Common_Name: spotted fritillary
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Smilacina
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Smilacina stellata
Applicable_Common_Name: false Solomons seal
Applicable_Common_Name: starry false Solomon's-seal
Applicable_Common_Name: starry false lily of the vally
Applicable_Common_Name: starry false Solomon's seal
Applicable_Common_Name: starry Solomon's-seal
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Zigadenus
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Zigadenus venenosus
Applicable_Common_Name: meadow deathcamas
Applicable_Common_Name: death camas
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Iridaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Sisyrinchium
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Sisyrinchium montanum
Applicable_Common_Name: strict blue-eyed grass
Applicable_Common_Name: mountain blue eyedgrass
Applicable_Common_Name: strict blue-eyed-grass
Applicable_Common_Name: mountain blueeyed grass
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Agavaceae
Taxonomic_Classification:

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Yucca
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Yucca glauca
Applicable_Common_Name: soapweed yucca
Applicable_Common_Name: small soapweed
Applicable_Common_Name: beargrass
Applicable_Common_Name: Great Plains yucca
Applicable_Common_Name: Spanish bayonet
Applicable_Common_Name: yucca
Taxonomic_Classification:
Taxon_Rank_Name: Division
Taxon_Rank_Value: Equisetophyta
Taxonomic_Classification:
Taxon_Rank_Name: Class
Taxon_Rank_Value: Equisetopsida
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Equisetales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Equisetaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Equisetum
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Equisetum laevigatum
Applicable_Common_Name: smooth horsetail
Applicable_Common_Name: horsetail
Applicable_Common_Name: smooth scouring-rush
Applicable_Common_Name: smooth scouringrush
Taxonomic_Classification:
Taxon_Rank_Name: Division
Taxon_Rank_Value: Coniferophyta
Taxonomic_Classification:
Taxon_Rank_Name: Class
Taxon_Rank_Value: Pinopsida
Taxonomic_Classification:
Taxon_Rank_Name: Order
Taxon_Rank_Value: Pinales
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Cupressaceae
Taxonomic_Classification:
Taxon_Rank_Name: Genus
Taxon_Rank_Value: Juniperus
Taxonomic_Classification:
Taxon_Rank_Name: Species
Taxon_Rank_Value: Juniperus scopulorum
Applicable_Common_Name: rocky mountain juniper
Applicable_Common_Name: Rocky Mountain juniper
Taxonomic_Classification:
Taxon_Rank_Name: Family
Taxon_Rank_Value: Pinaceae

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Pinus

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Pinus ponderosa
Applicable_Common_Name: bull pine
Applicable_Common_Name: ponderosa pine
Applicable_Common_Name: western yellow pine
Applicable_Common_Name: blackjack pine
Applicable_Common_Name: pinabete
Applicable_Common_Name: rock pine

Taxonomic_Classification:

Taxon_Rank_Name: Division
Taxon_Rank_Value: Pteridophyta

Taxonomic_Classification:

Taxon_Rank_Name: Class
Taxon_Rank_Value: Filicopsida

Taxonomic_Classification:

Taxon_Rank_Name: Order
Taxon_Rank_Value: Polypodiales

Taxonomic_Classification:

Taxon_Rank_Name: Family
Taxon_Rank_Value: Dryopteridaceae

Taxonomic_Classification:

Taxon_Rank_Name: Genus
Taxon_Rank_Value: Woodsia

Taxonomic_Classification:

Taxon_Rank_Name: Species
Taxon_Rank_Value: Woodsia oregana
Applicable_Common_Name: Oregon cliff fern
Applicable_Common_Name: Oregon woodsia

Data_Quality_Information:

Attribute_Accuracy:

Attribute_Accuracy_Report:

Physical description - Descriptive plot data were collected for 71 sites whose vegetation represents a full spectrum of alliance types present within Scotts Bluff National Monument and its immediate surroundings. Attributes collected for each site include: a unique plot identification code, park name, quad name, UTM coordinates, UTM projection, plot survey date, surveyor's name, length, width, photo type, elevation, slope aspect, topographic position, landform, surface geology, Cowardin System category, hydrology, surface material description, soil texture, soil drainage, leaf phenology, leaf type, and physiognomy. Species - Descriptive plot data were collected for 71 sites whose vegetation represents a full spectrum of alliance types present within Scotts Bluff National Monument and its immediate surroundings. This database, which is the second of three databases containing plot field data, delineates species. Individual species described at each of 71 plots is listed, one line per species, with the following information: Plot Identification Code, Numeric Species Code, Species Name, Species Cover (0=trace, 1=< 1%, 2=1-5%, 3=5-25%, 4=25-50%, 5=50-75%, 6=75-100%), Plantcode, and Strata Code (T1=emergent, T2=canopy, T3=sub-canopy, S1=tall shrub, S2=short shrub, H=herbaceous, N=non-vascular, V=vinae/liana, E=epiphyte). Strata - Descriptive plot data were collected for 71 sites whose vegetation represents a full spectrum of alliance types present within Scotts Bluff National Monument and its immediate surroundings. This database which is the third of three databases containing plot field data, delineates plot strata. Most of the 71 plots have multiple strata, with each listed as a separate line entry in the database. Strata are described by plot code, descriptive name, height, cover, and an alpha-numeric strata code. Descriptive names include canopy, sub-canopy, tall shrub, short shrub, herbaceous, and emergent. Height

USGS-NPS Vegetation Mapping Program Scotts Bluff National Monument

classes, in meters, range from 1 to 7: 1=<0.5 m, 2=0.5-1m, 3=1-2m, 4=2-5m, 5=5-10m, 6=10-15m and 7=15-20m. Cover groupings, in percent, range from 1 to 4: 1=0-10%, 2=10-25%, 3=25-60%, and 4=60-100%. The diagnostic species for each stratum is listed by latin name. Stratum codes are defined in the following manner: T1=emergent, T2=canopy, T3=sub-canopy, S1=tall shrub, S2=short shrub, and H=herbaceous.

Logical_Consistency_Report:

Physical description - Entries for each of the listed attributes are in the form of consistent groupings of either textual or numerical descriptors. Species & Strata - Entries for each of the listed attributes are in the form of consistent groupings of either textual or numerical descriptors, as defined above under "Attribute Accuracy Report". NOTE1: The significance of numbers appended to some of the Plant Codes is not known.

Completeness_Report:

Physical description - Descriptive entries for each of the 71 plots are complete for each of the applicable attributes listed in the database. Species & Strata - One species is entered per line, by plot code, with multiple species listed for each plot, one per row. Plot codes and species names are complete for each row, but some species codes, cover and strata information is missing (because it was not present on the original field forms).

Positional_Accuracy:

Horizontal_Positional_Accuracy:

Horizontal_Positional_Accuracy_Report:

X,Y UTM coordinates representing each of the 71 plots were collected via GPS under selective availability with post processing for differential correction. The differentially corrected GPS coordinates have accuracies in the X and Y direction of +/- 2 to 5 meters.

Vertical_Positional_Accuracy:

Vertical_Positional_Accuracy_Report:

Elevations for plots were obtained from the USGS 24,000 quad map for Scottsbluff South, and are estimated to be +/- 15 m.

Lineage:

Methodology:

Methodology_Type: Field

Methodology_Identifier:

Methodology_Keyword_Thesaurus: None

Methodology_Keyword: releve

Methodology_Keyword: plot

Methodology_Keyword: sampling

Methodology_Description: Field sampling using releve plots

Methodology:

Methodology_Type: Field

Methodology_Description: Field Methods for Vegetation Mapping

Source_Information:

Source_Citation:

Citation_Information:

Originator:

National Biological Survey (Now USGS/Biological Resources Division)

Originator: and National Park Service

Publication_Date: 199411

Title:

Standardized National Vegetation Classification System; protocol document for the USGS-NPS
Vegetation mapping Program

Geospatial_Data_Presentation_Form: report

Edition: Final Draft

Series_Information:

Series_Name: USGS-NPS Vegetation Mapping Program

Issue_Identification: Protocol documents

Publication_Information:

Publication_Place: Denver, CO

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

Publisher: USGS/BRD, Center for Biological Informatics
Other_Citation_Details:
Report prepared under contract by The Nature Conservancy, 1815 N. Lynn Street, Arlington,
Virginia 22209 and Environmental Systems Research Institute, 380 New York Street, Redlands,
California 92373
Online_Linkage: <http://biology.usgs.gov/npsveg/classification/index.html>
Type_of_Source_Media: Online
Source_Time_Period_of_Content:
Time_Period_Information:
Range_of_Dates/Times:
Beginning_Date: 199411
Ending_Date: 2010
Source_Currentness_Reference: Publication Date and indefinitely
Source_Citation_Abbreviation: SNVCS protocol document
Source_Contribution:
This document describes and defines the vegetation classification system which is to
be used for describing and mapping the vegetation at Scottsbluff National Monument
Source_Information:
Source_Citation:
Citation_Information:
Originator: USGSBRD, Center for Biological Informatics
Publication_Date: 19980223
Title:
Classification of the Vegetation of Scotts Bluff National Monument
Geospatial_Data_Presentation_Form: report
Series_Information:
Series_Name: USGS-NPS Vegetation Mapping Program
Issue_Identification: Scottsbluff National Monument
Publication_Information:
Publication_Place: Denver, CO
Publisher: USGS/BRD, Center for Biological Informatics
Other_Citation_Details:
This report was generated by The Nature Conservancy under contract to the USGS/BRD, Center
for Biological Informatics
Online_Linkage: <http://biology.usgs.gov/npsveg/scbl/scblrpt.pdf>
Type_of_Source_Media: Online
Source_Time_Period_of_Content:
Time_Period_Information:
Range_of_Dates/Times:
Beginning_Date: 19950710
Ending_Date: 19950815
Source_Currentness_Reference: Ground Condition, summer 1995
Source_Citation_Abbreviation: SCBL sample and classification
Source_Contribution: Report summarizing plot data collection effort
Source_Information:
Source_Citation:
Citation_Information:
Originator:
United States Dept. of the Interior, National
Biological Survey (no USGS Biological Resources Division) and the National Park Service
Publication_Date: 199412
Title: Field Methods for Vegetation Mapping
Geospatial_Data_Presentation_Form: document
Publication_Information:
Publication_Place: Denver, CO
Publisher:

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

USGS/Biological Resources Division, Center for
Biological Informatics

Other_Citation_Details:

This report was generated by The Nature

Conservancy under contract to the USGS/BRD, CBI

Online_Linkage: <http://biology.usgs.gov/npsveg/fieldmethods/index.html>

Type_of_Source_Media: Online

Source_Time_Period_of_Content:

Time_Period_Information:

Range_of_Dates/Times:

Beginning_Date: 199412

Ending_Date: 2010

Source_Currentness_Reference: Publication Date and indefinitely

Source_Citation_Abbreviation: field methods protocol document

Source_Contribution:

This document defines the methods and protocols for field data collection to be used as part of the USGS-NPS Vegetation Mapping Program

Process_Step:

Process_Description:

The following describes the tasks performed by The Nature Conservancy to produce descriptive data for 71 vegetation sampling plots in three separate database files. The first of the three contains general descriptive information at each of the plots. Plot sites were selected by information obtained during a reconnaissance visit to the park in August of 1995, and by examining tone and textural patterns on the SCBL AERIAL PHOTOGRAPHS. Site physical parameters, species types, and vegetation strata were described at each site. The PLOTS database contains tabulations of site physical factors, listed under the ATTRIBUTE ACCURACY REPORT for each of the 71 plots. Plot data were manually recorded on field forms on-site, and subsequently keyed into the database files described herein. Information in the plot database was then used to develop the classification system and plant identification keys contained in the TNC SCBL SAMPLING AND CLASSIFICATION REPORT.

Process_Date: 199508

Process_Step:

Process_Description:

The following describes the tasks performed by The Nature Conservancy to produce descriptive data for 71 vegetation sampling plots in three separate database files. The second of the three contains listings of individual species found in each plot, along with height and cover estimates, and strata delineations. The SPECIES LISTING database contains line entries for each species including the Plot Code, Numeric species code, full scientific species name, cover estimate, a unique alphanumeric species identifier (plant code), and Plant Strata delineation. Plot sites were selected subjectively because of the heterogeneity of the vegetation and the small number of samples per type. Since aerial photos were not available at the time of plot selection, visual reconnaissance was conducted at the summit of the bluff to examine vegetation patterns for the purpose of plot placement. Plot data were manually recorded on field forms on-site, and subsequently keyed into the database files described herein. Information in the plot database was then used to develop the classification system and plant identification keys contained in the SCOTTSBLUFF SAMPLING AND CLASSIFICATION REPORT.

Process_Date: 199508

Process_Step:

Process_Description:

The following describes the tasks performed by The Nature Conservancy to produce descriptive data for 71 vegetation sampling plots in three separate database files. The third of the three contains listings of individual strata found in each plot, along with cover estimates and height (strata) delineations. The STRATA LISTING database contains line entries for each strata including the Plot Code, full species name, height, cover, and Strata delineation. Plot data were manually recorded on field forms on-site, and subsequently keyed into the database files described herein. Information in the plot database was then used to develop the classification system and plant identification

USGS-NPS Vegetation Mapping Program
Scotts Bluff National Monument

keys contained in the TNC SCBL SAMPLING AND CLASSIFICATION REPORT.

Process_Date: 199508

Source_Used_Citation_Abbreviation: SNVCS protocol document

Source_Used_Citation_Abbreviation: Field Methods for Vegetation Mapping

Source_Produced_Citation_Abbreviation: scbl sample and classification

Source_Produced_Citation_Abbreviation: scbl Vegetation Descriptions

Process_Contact:

Contact_Information:

Contact_Person_Primary:

Contact_Person: Jim Drake

Contact_Organization: The Nature Conservancy

Contact_Position: Regional Chief Ecologist, The Nature Conservancy

Contact_Address:

Address_Type: Physical Address

Address: 1313 5th Street SE

Address: Suite 314

City: Minneapolis

State_or_Province: MN

Postal_Code: 55414

Country: USA

Contact_Voice_Telephone: (612)331-0729

Contact_Electronic_Mail_Address: jdrake@tnc.org

Cloud_Cover: 0

Spatial_Data_Organization_Information:

Direct_Spatial_Reference_Method: vector

Spatial_Reference_Information:

Horizontal_Coordinate_System_Definition:

Planar:

Grid_Coordinate_System:

Grid_Coordinate_System_Name: Universal Transverse Mercator

Universal_Transverse_Mercator:

UTM_Zone_Number: 13

Transverse_Mercator:

Longitude_of_Central_Meridian: -105

Latitude_of_Projection_Origin: 0

False_Easting: 500000

False_Northing: 0

Scale_Factor_at_Central_Meridian: .9996

Planar_Coordinate_Information:

Planar_Coordinate_Encoding_Method: Coordinate pair

Coordinate_Representation:

Abscissa_Resolution: 100

Ordinate_Resolution: 100

Planar_Distance_Units: Meters

Geodetic_Model:

Horizontal_Datum_Name: North American Datum of 1983

Ellipsoid_Name: Geodetic Reference System 80

Semi-major_Axis: 6378137

Denominator_of_Flattening_Ratio: 298.257

Entity_and_Attribute_Information:

Overview_Description:

Entity_and_Attribute_Overview:

Each of 71 vegetation plots has attributes for physical description, species and strata. Physical description -

USGS-NPS Vegetation Mapping Program Scotts Bluff National Monument

(Plot number, plot code, common name, scientific name, state, park name, quad name, utm zone, map project, gps file, raw utm x, raw utm y, corrected utm x, corrected utm y, surveyors date, surveyors, length, width, photos, permanent, elevation, slope, aspect, topographical position, landform, surficial geology, cowardin system type, hydrography, bedrock, large rock, small rock, sand, litter duff, wood, bare soil, other soil, soil texture, soil drainage, leaf phenology, leaf type, and physiology). Species - (sp_code is a project specific code for each species found, species is the scientific name for that species, spcover is the species present and the percent cover for each species, plant code is the first two letters of the genus and first two letters of the species. If the code are not unique a number is added to make the code unique). Strata - (height and cover are average percent cover of that particular species, 1 = 0-10%, 2 = 10-25%, 3 = 25-60% and 4 = 60-100%, pstrata is the type of vegetation, T1 = emergent, T2 = canopy, T3 = sub-canopy, S1 = tall shrub, S2 = short shrub, H = herbaceous, N = non-vascular, V = vine/liana, and E = epiphyte).

Entity_and_Attribute_Detail_Citation:

Field Methods for Vegetation mapping, December 1994. Prepared for: the United States Department of the Interior, National Biological Survey (now the USGS Biological Resources Division) and the National Park Service. Prepared by: The Nature Conservancy, and Environmental Systems Research Institute. <http://biology.usgs.gov/npsveg/fieldmethods/index.html>

Distribution_Information:

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Resource_Description: SCBL Plots Data; Physical Descriptive Data and Species Listing Data

Distribution_Liability:

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Standard_Order_Process:

Digital_Form:

Digital_Transfer_Information:

Format_Name: HTML

Digital_Transfer_Option:

Online_Option:

Computer_Contact_Information:

Network_Address:

Network_Resource_Name: <http://biology.usgs.gov/npsveg/scbl/index.html>

Fees: None

Metadata_Reference_Information:

Metadata_Date: 20011022

Metadata_Review_Date: 20080507

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Metadata_Standard_Name: FGDC-STD-001.1-1999 Content Standard for Digital Geospatial Metadata, 1998 Part 1: Biological Data Profile, 1999

Metadata_Standard_Version: FGDC-STD-001-1998

Metadata_Extensions:

Online_Linkage: http://metadata.nbii.gov/portal/community/Communities/Toolkit/Metadata/FGDC_Metadata/

Profile_Name: Biological Data Profile FGDC-STD-001.1-1999