

The Prairie Cluster Long-Term Ecological Monitoring Flora Database:

Introduction and Applications

Scott's Bluff NM



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Introduction

The Prairie Cluster Long-Term Ecological Monitoring Flora database (LTEM Flora) consolidates the many vegetation surveys conducted at the six prototype parks. The resulting floras are augmented by physical and ecological characteristics and detailed information regarding investigative methodologies. The flora database will serve as a standard reference regarding nomenclature for vegetation community monitoring, thereby insuring long-term consistency. Nomenclature is standardized following the PLANTS database (USDA, 1995). The PLANTS database was developed in cooperation with the Biota of North America Program, North Carolina Botanical Garden, University of North Carolina. The nomenclatural data are compiled in accordance with the International Code of Botanical Nomenclature. Vascular plant author names are standardized in accordance with The Brummitt and Powell "Authors of Plant Names," Royal Botanical Gardens, Kew.

The LTEM Flora project has greatly benefited from the work of Jim Bennett (BRD) and his research into vascular plant biogeography (Bennett 1996a & 1996b). Dr. Bennett compiled many park floras from the MWR, standardized the nomenclature following NRCS PLANTS, and created a regional flora database. The cumulative species list and associated ecological characteristics form the foundation of the LTEM Flora project.

The Prairie Cluster LTEM program has supplemented Dr. Bennett's work to make the database more applicable to LTEM objectives. A new table outlines the methodologies employed by investigators at the parks. This table includes relevant meta-data for the investigations and clarifies nomenclature, botanical effort, location of voucher specimens, etc. Secondly, the species table was modified to include the investigators name who identified the taxa within the park. The new information allows park managers to examine species collected during a particular investigation, identify species found only once and identify species collected in earlier studies but missing in later ones.

The database is being developed in Microsoft Access for Windows, version 7.0. Your comments or suggestions regarding unclear or inaccurate information are greatly appreciated.

A partial list of applications

- create a species list for a park organized alphabetically, by genus, family or species
- create a species list for a particular genus or family
- determine the number of species, genera and families in a park
- create a unique species list for each investigation at a park
- identify species collected by only one investigator
- determine the amount of collection effort, time of year, nomenclature source and other details regarding vegetation surveys at a park
- display the growth habit, inflorescence type, origin, etc. of species found in a park
- search the database by species, common name, habitat, origin, etc.
- track and update voucher specimens
- determine when a particular species was last observed

The Flora of Scott's Bluff NM

The flora of Scott's Bluff NM consists of 451 species representing 244 genera and 66 families. During development of the LTEM flora database, 165 species, 37 genera and 8 families were added to the cumulative flora since the last summary conducted by Jim Bennett.

Section 1. The park flora arranged alphabetically by family.

Section 2. The park flora arranged alphabetically by species.

Section 3. A list of families represented by a single species.

Section 4. A list of rare species.

Section 5. A complete list of nomenclature updates for each study used to construct the LTEM flora database.

Section 6. A table of botanical surveys conducted at the park.

References

Bennett, James P. 1996a. Floristic Summary of 22 National Parks in the Midwestern United States. *Natural Areas Journal* 16:4.

Bennett, James P. 1996b. Similarities and Life Cycle Distributions of Floras of 22 National Parks in the Midwestern United States. *Natural Areas Journal* 16:4.

USDA, Natural Resources Conservation Service. 1995. The PLANTS database. National Plant Data Center, Baton Rouge, Louisiana 70875-4490 USA.

Section 1

The park flora arranged alphabetically
by family

The Flora of Scott's Bluff NM

Aceraceae

Number of Species in the family: 2

<i>ACER NEGUNDO</i>	L.	Boxelder maple
<i>ACER NEGUNDO</i> var. <i>INTERIUS</i>	(Britt.) Sarg.	Boxelder, Ash-leaved maple

Agavaceae

Number of Species in the family: 1

<i>YUCCA GLAUCA</i>	Nutt.	Soap plant
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Alismataceae

Number of Species in the family: 1

<i>SAGITTARIA CUNEATA</i>	Sheldon	Northern arrow-head
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Amaranthaceae

Number of Species in the family: 4

<i>AMARANTHUS RETROFLEXUS</i>	L.	Redroot, rough pigweed
<i>AMARANTHUS HYBRIDUS</i>	L.	Smooth pigweed
<i>AMARANTHUS BLITOIDES</i>	S. Wats.	Monoecious amaranth
<i>AMARANTHUS ALBUS</i>	L.	Tumbleweed

Anacardiaceae

Number of Species in the family: 4

<i>RHUS TRILOBATA</i>	Nutt.	Squaw-bush
<i>RHUS TRILOBATA</i> var. <i>TRILOBATA</i>	Nutt.	Skunkbrush sumac
<i>TOXICODENDRON RYDBERGII</i>	(Small ex Rydb.) Greene	Western poison-ivy
<i>RHUS AROMATICA</i>	Ait.	Squaw-bush

Apiaceae

Number of Species in the family: 8

<i>CYMOPTERUS MONTANUS</i>	Nutt. ex Torr. & Gray	Cymopterus
<i>CYMOPTERUS ACAULIS</i>	(Pursh) Raf.	Wild parsley
<i>CONIUM MACULATUM</i>	L.	Poison hemlock
<i>BERULA ERECTA</i>	(Huds.) Coville	Carrot
<i>CICUTA MACULATA</i>	L.	Common water-hemlock
<i>LOMATIUM ORIENTALE</i>	Coult. & Rose	White wild parsley
<i>MUSINEON TENUIFOLIUM</i>	(Nutt. ex Torr. & Gray) Coult. & Rose	Parsley

<i>LOMATIUM NUTTALLII</i>	(Gray) J.F. Macbr.	Dog parsley
Apocynaceae	Number of Species in the family: 1	
<i>APOCYNUM CANNABINUM</i>	L.	Hemp dogbane
Asclepiadaceae	Number of Species in the family: 7	
<i>ASCLEPIAS INCARNATA</i>	L.	Swamp milkweed
<i>ASCLEPIAS ENGELMANNIANA</i>	Woods.	Milkweed
<i>ASCLEPIAS VIRIDIFLORA</i>	Raf.	Green milkweed
<i>ASCLEPIAS SYRIACA</i>	L.	Common milkweed
<i>ASCLEPIAS PUMILA</i>	(Gray) Vail	Milkweed
<i>ASCLEPIAS STENOPHYLLA</i>	Gray	Narrow-leaved milkweed
<i>ASCLEPIAS SPECIOSA</i>	Torr.	Showy milkweed
Asteraceae	Number of Species in the family: 91	
<i>CIRSIIUM ARVENSE</i>	(L.) Scop.	Canada thistle
<i>RATIBIDA COLUMNIFERA</i>	(Nutt.) Woot. & Standl.	Columnar coneflower
<i>DYSSODIA PAPPOSA</i>	(Vent.) A.S. Hitchc.	Stinking marigold
<i>COREOPSIS TINCTORIA</i>	Nutt.	Plains-tickseed
<i>CREPIS ATRIBARBA</i>	Heller	Hawk's-beard
<i>CONYZA CANADENSIS</i>	(L.) Cronq.	Horseweed
<i>CIRSIIUM VULGARE</i>	(Savi) Ten.	Bull thistle
<i>CIRSIIUM OCHROCENTRUM</i>	Gray	Yellowspine thistle
<i>ECHINACEA ANGUSTIFOLIA</i>	DC.	Prairie coneflower
<i>CIRSIIUM CANESCENS</i>	Nutt.	Thistle
<i>GUTIERREZIA SAROTHRAE</i>	(Pursh) Britt. & Rusby	Matchbrush
<i>RUDBECKIA HIRTA</i>	L.	Black-eyed Susan
<i>CHRYSOETHAMNUS PARRYI</i> ssp. <i>HOWARDII</i>	(Parry ex Gray) Hall & Clements	Rabbit brush
<i>CHRYSOETHAMNUS NAUSEOSUS</i> ssp. <i>GRAVEOLENS</i>	(Nutt.) Piper	Rabbit brush
<i>MACHAERANTHERA PINNATIFIDA</i> ssp. <i>PINNATIFIDA</i> var. <i>PINNATIFIDA</i>	(Hook.) Shinners	Aster

<i>CHRYSOTHAMNUS NAUSEOSUS</i>	(Pallas ex Pursh) Britt.	Rabbit brush
<i>CENTAUREA DIFFUSA</i>	Lam.	Tumble-knapweed
<i>CARDUUS NUTANS</i>	L.	Musk-thistle
<i>BRICKELLIA GRANDIFLORA</i>	(Hook.) Nutt.	Aster
<i>CIRSIUM FLODMANII</i>	(Rydb.) Arthur	Prairie thistle
<i>HYMENOPAPPUS FILIFOLIUS</i> var. <i>POLYCEPHALUS</i>	(Osterhout) B.L. Turner	Aster
<i>MACHAERANTHERA CANESCENS</i> ssp. <i>CANESCENS</i> var. <i>CANESCENS</i>	(Pursh) Gray	Hoary aster
<i>MACHAERANTHERA CANESCENS</i>	(Pursh) Gray	Hoary aster
<i>LYGODESMIA JUNCEA</i>	(Pursh) D. Don ex Hook.	Skeleton-weed
<i>LIATRIS PUNCTATA</i>	Hook.	Blazing star, gay feather
<i>NOTHOCALAIS CUSPIDATA</i>	(Pursh) Greene	False dandelion
<i>LACTUCA TATARICA</i> var. <i>PULCHELLA</i>	(Pursh) Breitung	Blue lettuce
<i>LACTUCA SERRIOLA</i>	L.	Prickly lettuce
<i>LACTUCA OBLONGIFOLIA</i>	Nutt.	Blue lettuce
<i>KUHNIA EUPATORIODES</i> var. <i>CORYMBULOSA</i>	T. & G.	False boneset
<i>IVA XANTHIFOLIA</i>	Nutt.	Big marsh-elder
<i>IVA AXILLARIS</i>	Hook.	Poverty weed
<i>EUTHAMIA OCCIDENTALIS</i>	Nutt.	Sunflower
<i>HYMENOXYS SCAPOSA</i>	(DC) Parker	
<i>ERIGERON BELLIDIASTRUM</i>	Nutt.	Fleabane
<i>HETEROTHECA VILLOSA</i> var. <i>VILLOSA</i>	(Pursh) Shinnars	Hairy goldenaster
<i>HETEROTHECA VILLOSA</i> var. <i>HISPIDA</i>	(Pursh) Shinnars	Hairy golden aster
<i>HETEROTHECA VILLOSA</i>	(Pursh) Shinnars	Golden aster
<i>HELIANTHUS PETIOLARIS</i>	Nutt.	Plains sunflower
<i>HELIANTHUS MAXIMILIANI</i>	Schrad.	Maximilian sunflower
<i>HELIANTHUS ANNUUS</i>	L.	Common sunflower
<i>GRINDELIA SQUARROSA</i>	(Pursh) Dunal	Curly-top gum-weed

<i>BRICKELLIA EUPATORIODES</i> var. <i>CORYMBULOSA</i>	(Torr. & Gray) Shinnery	Aster
<i>EUTHAMIA GYMNOSPERMOIDES</i>	Greene	Great Plains flat-topped goldenrod
<i>ERIGERON PUMILUS</i>	Nutt.	Fleabane
<i>ERIGERON CANUS</i>	Gray	Fleabane
<i>ERIGERON CAESPITOSUS</i>	Nutt.	Fleabane
<i>IVA ANNUA</i>	L.	Rough marsh-elder
<i>ARTEMISIA LUDOVICIANA</i> var. <i>MEXICANA</i>	Nutt.	
<i>ASTER ERICOIDES</i> var. <i>PANSUS</i>	(Blake) Boivin	Squarrose white wild aster
<i>SOLIDAGO CANADENSIS</i> var. <i>SCABRA</i>	Torr. & Gray	Common goldenrod
<i>SOLIDAGO GIGANTEA</i>	Alt.	Smooth goldenrod
<i>SOLIDAGO MISSOURIENSIS</i>	Nutt.	Missouri goldenrod
<i>ARTEMISIA LUDOVICIANA</i> ssp. <i>LUDOVICIANA</i>	Nutt.	White-sage
<i>SOLIDAGO MOLLIS</i>	Bartl.	Velvety goldenrod
<i>SOLIDAGO NEMORALIS</i>	Alt.	Gray goldenrod
<i>SOLIDAGO RIGIDA</i> ssp. <i>HUMILIS</i>	(Porter) Heard & Semple	Stiff goldenrod
<i>ARTEMISIA FILIFOLIA</i>	Torr.	Wormwood, sage, mugwort
<i>SONCHUS OLERACEUS</i>	L.	Common sow-thistle
<i>SOLIDAGO CANADENSIS</i>	L.	Common goldenrod
<i>TRAGOPOGON DUBIUS</i>	Scop.	Fistulous goat's beard
<i>TOWNSENDIA GRANDIFLORA</i>	Nutt.	Easter daisy
<i>THELESERMA MEGAPOTAMICUM</i>	(Spreng.) Kuntze	Beggar-ticks
<i>THELESERMA FILIFOLIUM</i>	(Hook.) Gray	Greenthread
<i>TETRANEURIS ACAULIS</i>	(Pursh) Greene	Bitterweed
<i>TARAXACUM OFFICINALE</i>	G.H. Weber ex Wiggers	Common dandelion
<i>STEPHANOMERIA RUNCINATA</i>	Nutt.	Wire lettuce, Skeletonweed
<i>SENECIO CANUS</i>	Hook.	Gray groundsel
<i>ASTER ERICOIDES</i>	L.	Squarrose white wild aster
<i>SONCHUS ASPER</i>	(L.) Hill	Prickly sow-thistle

<i>AMBROSIA CUMANENSIS</i>	Kunth	Ragweed
<i>SENECIO INTEGERRIMUS</i>	Nutt.	Single-stemmed groundsel
<i>ANTENNARIA PARVIFOLIA</i>	Nutt.	Plains pussytoes
<i>SENECIO PLATTENSIS</i>	Nutt.	Platte groundsel
<i>SENECIO RIDDELLII</i>	Torr. & Gray	Groundsel, ragwort
<i>ARTEMISIA CAMPESTRIS</i> ssp. <i>CAUDATA</i>	(Michx.) Hall & Clements	Wormwood, sage, mugwort
<i>HETEROTHECA VILLOSA</i> var. <i>HORRIDA</i>		
<i>ARTEMISIA FRIGIDA</i>	Willd.	Prairie-sagewort
<i>AMBROSIA ARTEMISIIFOLIA</i>	L.	Common ragweed
<i>ASTER FALCATUS</i> var. <i>COMMUTATUS</i>	(Torr. & Gray) A.G. Jones	White prairie wild aster
<i>ARTEMISIA CAMPESTRIS</i> var. <i>SCOULERIANA</i>	Cronq.	Perennial green sage
<i>AMBROSIA PSILOSTACHYA</i>	DC.	Western ragweed
<i>AMBROSIA TRIFIDA</i>	L.	Giant ragweed
<i>BRICKELLIA EUPATORIODES</i>	(L.) Shinnars	Aster
<i>BIDENS TRIPARTITA</i>	L.	Beggar-ticks
<i>ARTEMISIA CANA</i>	Pursh	Dwarf sagebrush
<i>BIDENS FRONDOSA</i>	L.	Devil's beggar-ticks
<i>BIDENS COMOSA</i>	Wieg.	Beggar-ticks
<i>ARTEMISIA DRACUNCULUS</i> ssp. <i>DRACUNCULUS</i>	L.	Wormwood, sage, mugwort
<i>ANTENNARIA MICROPHYLLA</i>	Rybd.	Pink pussy-toes
<i>XANTHIUM STRUMARIUM</i>	L.	Common cocklebur

Boraginaceae

Number of Species in the family: 12

<i>HACKELIA VIRGINIANA</i>	(L.) I.M. Johnston	Stickseed, beggar's lice
<i>LAPPULA OCCIDENTALIS</i> var. <i>OCCIDENTALIS</i>	(S. Wats.) Greene	Western stickseed
<i>LAPPULA CENCHRUSOIDES</i>	A. Nels.	Stickseed, beggar's lice
<i>LITHOSPERMUM INCISUM</i>	Lehm.	Narrow-leaved puccoon
<i>CRYPTANTHA CANA</i>	(A. Nels.) Payson	Borage
<i>CRYPTANTHA CELOSIODES</i>	(Eastw.) Payson	Borage

<i>CRYPTANTHA CINEREA</i>	(Greene) Cronq.	Cryptanthe
<i>CRYPTANTHA CINEREA</i> var. <i>JAMESII</i>	Cronq.	Borage
<i>CRYPTANTHA MINIMA</i>	Rydb.	Borage
<i>CRYPTANTHA THYRSIFLORA</i>	(Greene) Payson	Borage
<i>LAPPULA OCCIDENTALIS</i> var. <i>CUPULATA</i>	(Gray) Higgins	Western stickseed
<i>CYNOGLOSSUM OFFICINALE</i>	L.	Hound's tongue
Brassicaceae Number of Species in the family: 22		
<i>CAPSELLA BURSA-PASTORIS</i>	(L.) Medik.	Shepherd's purse
<i>ALYSSUM DESERTORUM</i>	Stapf	Alyssum
<i>THLASPI ARVENSE</i>	L.	Field penny-cress
<i>HESPERIS MATRONALIS</i>	L.	Dame's rocket
<i>LESQUERELLA LUDOVICIANA</i>	(Nutt.) S. Wats.	Mustard
<i>RORIPPA SINUATA</i>	(Nutt.) A.S. Hitchc.	Western yellow-cress
<i>ARABIS HOLBOELLII</i> var. <i>PINETORUM</i>	(Tidestrom) Rollins	Rock-cress
<i>ARABIS HOLBOELLII</i>	Hornem.	Rock-cress
<i>RORIPPA PALUSTRIS</i>	(L.) Bess.	Common yellow-cress
<i>CAMELINA MICROCARPA</i>	Andrz. ex DC.	Small-seed false flax
<i>LESQUERELLA ALPINA</i>	(Nutt.) S. Wats.	Bladderpod
<i>SISYMBRIUM ALTISSIMUM</i>	L.	Tumbling-mustard
<i>CHORISPORA TENELLA</i>	(Pall.) DC.	Blue mustard
<i>LEPIDIUM VIRGINICUM</i>	L.	Poor-man's pepper
<i>DESCURAINIA PINNATA</i>	(Walt.) Britt.	Tansy-mustard
<i>DESCURAINIA SOPHIA</i>	(L.) Webb ex Prantl	Herb-sophia, tansy-mustard
<i>THELYPIDIUM INTEGRIFOLIUM</i>	(Nutt.) Endl.	Thelypody
<i>DRABA REPTANS</i>	(Lam.) Fern.	Mustard
<i>PHYSARIA BRASSICOIDES</i>	Rydb.	Double bladderpod
<i>ERYSIMUM ASPERUM</i>	(Nutt.) DC.	Western wallflower
<i>LEPIDIUM DENSIFLORUM</i>	Schrad.	Prairie-pepperweed

LEPIDIUM LATIFOLIUM

L.

Cactaceae

Number of Species in the family: 5

<i>OPUNTIA POLYACANTHA</i>	Haw.	Plains prickly pear
<i>CORYPHANTHA VIVIPARA</i>	(Nutt.) Britt. & Rose	Pincushion cactus
<i>OPUNTIA FRAGILIS</i>	(Nutt.) Haw.	Little prickly pear
<i>ESCOBARIA VIVIPARA</i> var. <i>VIVIPARA</i>	(Nutt.) Buxbaum	Pincushion cactus
<i>OPUNTIA MACRORHIZA</i>	Engelm.	Plains prickly pear

Cannabaceae

Number of Species in the family: 1

<i>CANNABIS SATIVA</i>	L.	Hemp, Indian hemp
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Capparaceae

Number of Species in the family: 3

<i>POLANISIA DODECANDRA</i> ssp. <i>TRACHYSERMA</i>	(Torr. & Gray) Iltis	Sandysed clammyweed
<i>POLANISIA DODECANDRA</i>	(L.) DC.	Clammy-weed
<i>CLEOME SERRULATA</i>	Pursh	Stinking clover

Caprifoliaceae

Number of Species in the family: 1

<i>SYMPHORICARPOS OCCIDENTALIS</i>	Hook.	Wolfberry
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Caryophyllaceae

Number of Species in the family: 5

<i>PARONYCHIA DEPRESSA</i>	(Torr. & Gray) Nutt. ex A. Nels.	Whitlow-wort
<i>PARONYCHIA SESSILIFLORA</i>	Nutt.	nailwort
<i>EREMOGONE HOOKERI</i>	(Nutt. ex T. & G.) Weber	Desert Sandwort
<i>ARENARIA HOOKERI</i>	Nutt.	Sandwort
<i>STELLARIA MEDIA</i>	(L.) Vill.	Common chickweed

Chenopodiaceae

Number of Species in the family: 18

<i>ATRIPLEX PROSTRATA</i>	Boucher ex DC.	
<i>CHENOPODIUM ALBUM</i>	L.	Lamb's quarters, pigweed
<i>CHENOPODIUM BERLANDIERI</i>	Moq.	Pitseed goosefoot
<i>CHENOPODIUM DESICCATUM</i>	A. Nels.	Goosefoot
<i>CHENOPODIUM FREMONTII</i>	S. Wats.	Fremont goosefoot
<i>CHENOPODIUM GLAUCUM</i>	L.	Oak-leaved goosefoot

<i>CHENOPODIUM INCANUM</i>	(S. Wats.) Heller	Goosefoot, Lamb's quarter
<i>CHENOPODIUM PRATERICOLA</i>	Rydb.	Narrow-leaf goosefoot
<i>ATRIPLEX SUBSPICATA</i>	(Nutt.) Rydb.	
<i>ATRIPLEX MICRANTHA</i>	Ledeb.	Twoscale saltbush
<i>ATRIPLEX GARDNERI</i>	(Moq.) Standl.	Saltbush
<i>ATRIPLEX CANESCENS</i>	(Pursh) Nutt.	Goosefoot
<i>KOCHIA SCOPARIA</i>	(L.) Schrad.	Summer-cypress
<i>KRASCHENINNIKOVIA LANATA</i>	(Pursh) Guldenstaedt	White sage, winter fat
<i>SALSOLA COLLINA</i>	Pallas	Katune
<i>SALSOLA AUSTRALIS</i>	R. Br.	Goosefoot
<i>SALSOLA KALI</i>	L.	Russian thistle
<i>SALSOLA KALI ssp. TRAGUS</i>	(L.) Celak	

Commelinaceae Number of Species in the family: 2

<i>TRADESCANTIA OCCIDENTALIS</i>	(Britton) Smyth.	Prairie spiderwort
<i>TRADESCANTIA BRACTEATA</i>	Small ex Britt.	Sticky spiderwort

Convolvulaceae Number of Species in the family: 4

<i>EVOLVULUS NUTTALLIANUS</i>	R. & S.	Evolvulus
<i>IPOMOEA HEDERACEA</i>	Jacq.	Ivy-leaved morning-glory
<i>IPOMOEA LEPTOPHYLLA</i>	Torr.	Morning-glory
<i>CONVOLVULUS ARVENSIS</i>	L.	Field-bindweed

Cucurbitaceae Number of Species in the family: 1

<i>ECHINOCYSTIS LOBATA</i>	(Michx.) Torr. & Gray	Wild cucumber
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Cupressaceae Number of Species in the family: 2

<i>JUNIPERUS VIRGINIANA</i>	L.	Eastern red cedar
<i>JUNIPERUS SCOPULORUM</i>	Sarg.	Rocky Mountain juniper

Cyperaceae Number of Species in the family: 10

<i>CAREX NEBRASCENSIS</i>	Dewey	Sedge
<i>CYPERUS SQUARROSUS</i>	L.	Sedge

<i>ELEOCHARIS ERYTHROPODA</i>	Steud.	Spike-rush
<i>CAREX PRAEGRACILIS</i>	W. Boott	Clustered field sedge
<i>CAREX HALLII</i>	Olney	
<i>CAREX FILIFOLIA</i>	Nutt.	Sedge
<i>CAREX BREVIOR</i>	(Dewey) Mackenzie ex Lunell	Sedge
<i>SCHOENOPLECTUS TABERNAEMONTANI</i>	(k.C. Gmel)	
<i>FIMBRISTYLIS PUBERULA</i> var. <i>INTERIOR</i>	(Michx.) Vahl, Britt.	Hairy fimbry
<i>CAREX DURIUSCULA</i>	C.A. Mey.	Sedge
Dryopteridaceae	Number of Species in the family: 1	
<i>WOODSIA OREGANA</i>	D.C. Eat.	Western cliff fern
Elaeagnaceae	Number of Species in the family: 2	
<i>SHEPHERDIA ARGENTEA</i>	(Pursh) Nutt.	Buffalo-berry
<i>ELAEAGNUS ANGUSTIFOLIA</i>	L.	Russian olive, oleaster
Equisetaceae	Number of Species in the family: 3	
<i>EQUISETUM ARVENSE</i>	L.	Common or field horsetails
<i>EQUISETUM HYEMALE</i>	L.	Common scouring rushes
<i>EQUISETUM LAEVIGATUM</i>	A. Braun	Smooth scouring rushes
Euphorbiaceae	Number of Species in the family: 12	
<i>CHAMAESYCE SERPYLLIFOLIA</i> ssp. <i>SERPYLLIFOLIA</i>	(Pers.) Small	Thyme-leaved spurge
<i>CHAMAESYCE PROSTRATA</i>	(Ait.) Small	Spurge
<i>CHAMAESYCE MISSURICA</i>	(Raf.) Shinnery	Missouri spurge
<i>EUPHORBIA GLYPTOSPERMA</i>	Engelm.	Ridge-seeded spurge
<i>CHAMAESYCE GLYPTOSPERMA</i>	(Engelm.) Small	Ridge-seed spurge
<i>CHAMAESYCE GEYERI</i>	(Engelm.) Small	Dune spurge
<i>EUPHORBIA MISSURICA</i>	Raf.	Prairie spurge
<i>EUPHORBIA ROBUSTA</i>	(Engelm.) Small	Spurge
<i>CROTON TEXENSIS</i>	(Klotzsch) Muell.-Arg.	Texas croton
<i>EUPHORBIA SPATHULATA</i>	Lam.	Prairie spurge

<i>LUPINUS PUSILLUS</i>	Pursh	Lupine
<i>MELILOTUS OFFICINALIS</i>	(L.) Lam.	Yellow sweet clover
<i>MEDICAGO LUPULINA</i>	L.	Black medick
<i>LATHYRUS POLYMORPHUS</i>	Nutt.	Vetchling, wild pea
<i>PEDIOMELUM ARGOPHYLLUM</i>	(Pursh) J. Grimes	Silvery scurf-pea
<i>OXYTROPIS SERICEA</i>	Nutt.	White locoweed
<i>PEDIOMELUM ESCULENTUM</i>	(Pursh) Rydb.	Shaggy prairie-turnip
<i>OXYTROPIS LAMBERTII</i>	Pursh	Purple loco-weed
<i>MELILOTUS ALBUS</i>	Medik.	White sweet clover
<i>MEDICAGO SATIVA</i>	L.	Alfalfa

Grossulariaceae Number of Species in the family: 3

<i>RIBES CEREUM</i> var. <i>PEDICELLARE</i>	Brewer & S. Wats.	Whisky currant
<i>RIBES CEREUM</i>	Dougl.	Gooseberry
<i>RIBES AUREUM</i> var. <i>VILLOSUM</i>	DC.	Gooseberry

Hydrophyllaceae Number of Species in the family: 3

<i>ELLISIA NYCTELEA</i>	(L.) L.	Water-pod
<i>PHACELIA LEPTOSEPALA</i>	Rydb.	Phacelia
<i>PHACELIA HASTATA</i> var. <i>INEBRIANS</i>	Dougl. ex Lehm. (Torr.) Cronq.	Scorpionweed

Iridaceae Number of Species in the family: 1

<i>SISYRINCHIUM MONTANUM</i>	Greene	Blue-eyed grass
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Juglandaceae Number of Species in the family: 1

<i>JUGLANS NIGRA</i>	L.	Black walnut
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Juncaceae Number of Species in the family: 4

<i>JUNCUS TORREYI</i>	Coville	Rush
<i>JUNCUS LONGISTYLIS</i>	Torr.	Rush
<i>JUNCUS BALTICUS</i>	Willd.	Wire-rush
<i>JUNCUS BALTICUS</i> var. <i>MONTANUS</i>	Engelm.	Wire-rush

Juncaginaceae

Number of Species in the family: 1

<i>TRIGLOCHIN MARITIMUM</i>	L.	Common arrow-grass
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Lamiaceae

Number of Species in the family: 11

<i>HEDEOMA DRUMMONDII</i>	Benth.	Drummond false pennyroyal
<i>LYCOPUS ASPER</i>	Greene	Western water-horehound
<i>SALVIA AZUREA</i>	Michx. ex Lam.	Sage
<i>NEPETA CATARIA</i>	L.	Catnip
<i>HEDEOMA HISPIDUM</i>	Pursh	Mint
<i>MONARDA PECTINATA</i>	Nutt.	Bee-balm
<i>LYCOPUS AMERICANUS</i>	Muhl. ex W. Bart.	American water-horehound
<i>LAMIUM AMPLEXICAULE</i>	L.	Henbit
<i>TEUCRIUM CANADENSE</i> var. <i>OCCIDENTALE</i>	(Gray) McClintock & Epling	American germander
<i>MENTHA ARVENSIS</i>	L.	Field mint
<i>SALVIA REFLEXA</i>	Hornem.	Sage

Lemnaceae

Number of Species in the family: 1

<i>LEMNA MINOR</i>	L.	Lesser duckweed
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Liliaceae

Number of Species in the family: 7

<i>ZIGADENUS VENENOSUS</i> var. <i>GRAMINEUS</i>	(Rydb.) Walsh ex M.E. Peck	Death camas
<i>LEUCOCRINUM MONTANUM</i>	Nutt. ex Gray	Mountain lily
<i>SMILACINA STELLATA</i>	(L.) Desf.	False Solomon's seas
<i>FRITILLARIA ATROPURPUREA</i>	Nutt.	Leopard lily
<i>ALLIUM TEXTILE</i>	A. Nels. & J.F. Macbr.	Onion
<i>MAIANTHEMUM STELLATUM</i>	(L.) Link	False/Wild lily-of-the-valley; Solomon's seal
<i>ASPARAGUS OFFICINALIS</i>	L.	Asparagus

Linaceae

Number of Species in the family: 2

<i>Linum compactum</i>	A. Nels.	Wyoming flax
<i>LINUM RIGIDUM</i>	Pursh	Stiffstem yellow flax

Loasaceae

Number of Species in the family: 3

<i>MENTZELIA ALBICAULIS</i>	(Hook.) T. & G.	Whitestem blazingstar
<i>MENTZELIA DECAPETALA</i>	(Pursh ex Sims) Urban & Gilg ex Gilg	Sand-lily, evening star
<i>MENTZELIA NUDA</i>	(Pursh) Torr. & Gray	Blazing star, Sand lily, Stickleaf

Malvaceae

Number of Species in the family: 1

<i>SPHAERALCEA COCCINEA</i>	(Nutt.) Rydb.	Scarlet mallow
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Nyctaginaceae

Number of Species in the family: 4

<i>MIRABILIS LINEARIS</i>	(Pursh) Heimerl	Narrow-leaved umbrella-wort
<i>ABRONIA FRAGRANS</i>	Nutt. ex Hook.	Sweet sand verbena
<i>MIRABILIS HIRSUTA</i>	(Pursh) MacM.	Hairy umbrella-wort
<i>MIRABILIS NYCTAGINEA</i>	(Michx.) MacM.	Heart-leaved umbrella-wort

Oleaceae

Number of Species in the family: 1

<i>FRAXINUS PENNSYLVANICA</i>	Marsh.	Ash
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Onagraceae

Number of Species in the family: 9

<i>OENOTHERA CESPITOSA</i>	Nutt.	Evening-primrose
<i>OENOTHERA NUTTALLII</i>	Sweet	White-stemmed evening-primrose
<i>EPILOBIUM LEPTOPHYLLUM</i>	Raf.	American marsh willow-herb
<i>EPILOBIUM CILIATUM</i> ssp. <i>CILIATUM</i>	Raf.	American willow-herb
<i>GAURA PARVIFLORA</i>	Dougl. ex Lehm.	Gaura
<i>OENOTHERA VILLOSA</i>	Thunb.	Evening-primrose
<i>OENOTHERA BIENNIS</i>	L.	Common evening-primrose
<i>CALYLOPHUS SERRULATUS</i>	(Nutt.) Raven	Evening-primrose
<i>GAURA COCCINEA</i>	Nutt. ex Pursh	Scarlet gaura

Orobanchaceae

Number of Species in the family: 2

<i>OROBANCHE FASCICULATA</i>	Nutt.	Clustered broom-rape
<i>OROBANCHE LUDOVICIANA</i>	Nutt.	Broomrape

Papaveraceae

Number of Species in the family: 1

<i>ARGEMONE POLYANTHEMOS</i>	(Fedde) G.B. Ownbey	Prickly poppy
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Pinaceae

Number of Species in the family: 2

<i>PINUS PONDEROSA</i>	P. & C. Lawson	Ponderosa pine
<i>PICEA PUNGENS</i>	Engelm.	Blue spruce

Plantaginaceae

Number of Species in the family: 1

<i>PLANTAGO PATAGONICA</i>	Jacq.	Wooly plantain
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Poaceae

Number of Species in the family: 68

<i>MONROA SQUARROSA</i>	(Nutt.) Torr.	False buffalo grass
<i>MUHLENBERGIA ASPERIFOLIA</i>	(Nees & Meyen ex Trin.) Parodi	Scratchgrass, alkali muhly
<i>SCHEDONNARDUS PANICULATUS</i>	(Nutt.) Trel.	Tumble-grass
<i>BOUTELOUA GRACILIS</i>	(Willd. ex Kunth) Lag. ex Griffiths	Blue gramma-grass
<i>SETARIA VIRIDIS</i>	(L.) Beauv.	Green foxtail-grass
<i>SECALE CEREALE</i>	L.	Rye
<i>BROMUS INERMIS</i>	Leyss.	Smooth brome
<i>BROMUS JAPONICUS</i>	Thunb. ex Murr.	Japanese chess
<i>BROMUS SQUARROSUS</i>	L.	Brome grass
<i>BROMUS TECTORUM</i>	L.	Junegrass, downy chess
<i>BUCHLOE DACTYLOIDES</i>	(Nutt.) Engelm.	Buffalo-grass
<i>MUHLENBERGIA RACEMOSA</i>	(Michx.) B.S.P.	Muhly
<i>SCHIZACHYRIUM SCOPARIUM</i>	(Michx.) Nash	Little bluestem
<i>SPARTINA PECTINATA</i>	Link	Prairie cord-grass
<i>MUHLENBERGIA CUSPIDATA</i>	(Torr. ex Hook.) Rydb.	Muhly
<i>MUHLENBERGIA MEXICANA</i>	(L.) Trin.	Wirestem muhly
<i>MUHLENBERGIA PUNGENS</i>	Thurb.	Muhly
<i>PANICUM VIRGATUM</i>	L.	Switchgrass
<i>CENCHRUS LONGISPINUS</i>	(Hack.) Fern.	Common sandbur
<i>AVENA SATIVA</i>	L.	Oats
<i>AVENA FATUA</i>	L.	Wild oats
<i>SORGHASTRUM NUTANS</i>	(L.) Nash	Indian grass

<i>DACTYLIS GLOMERATA</i>	L.	Orchard grass
<i>CALAMOVILFA LONGIFOLIA</i>	(Hook.) Scribn.	Sand-reed
<i>HORDEUM PUSILLUM</i>	Nutt.	Little barley
<i>ELYTRIGIA INTERMEDIA</i>	(Host) Nevski	
<i>PANICUM DICHOTOMIFLORUM</i>	Michx.	Panic-grass
<i>ELYMUS ELYMOIDES</i> ssp. <i>ELYMOIDES</i>	(Raf). Sweezy	
<i>ERAGROSTIS CILIANENSIS</i>	(All.) Lut. ex Janchen	Stink-grass
<i>ERAGROSTIS PECTINACEA</i>	(Michx.) Nees ex Steud.	Carolina lovegrass
<i>POA PRATENSIS</i>	L.	Kentucky bluegrass
<i>POA PALUSTRIS</i>	L.	Fowl meadow grass
<i>POA COMPRESSA</i>	L.	Canada bluegrass
<i>ANDROPOGON HALLII</i>	Hack.	Sand bluestem
<i>SPHENOPHOLIS OBTUSATA</i>	(Michx.) Scribn.	Wedge-grass
<i>PASCOPYRUM SMITHII</i>	(Rydb.) A. Love	Western wheatgrass
<i>ELYTRIGIA ELONGATA</i>	(Host) Nevski	Tall wheatgrass
<i>PSATHYROSTACHYS JUNCEA</i>	(Fisch.) Nevski	Russian wildrye
<i>HORDEUM JUBATUM</i>	L.	Foxtail-barley
<i>PIPTATHERUM MICRANTHUM</i>	(Trin. & Rupr.) Barkworth	
<i>ALOPECURUS ARUNDINACEUS</i>	Poir.	Meadow Foxtail
<i>AGROSTIS STOLONIFERA</i>	L.	Creeping bent-grass
<i>AGROPYRON CRISTATUM</i>	(L.) Gaertn.	Crested wheatgrass
<i>LOLIUM ARUNDINACEUM</i>	(Schreb.) S.J. Darbyshire	
<i>PHRAGMITES AUSTRALIS</i>	(Cav.) Trin. ex Steud.	Common reed
<i>PHALARIS ARUNDINACEA</i>	L.	Reed canary-grass
<i>VULPIA OCTOFLORA</i>	(Walt.) Rydb.	Six-weeks fescue
<i>TRITICUM AESTIVUM</i>	L.	Common wheat
<i>PANICUM CAPILLARE</i>	L.	Witch-grass
<i>PSEUDOROEGNERIA SPICATA</i> ssp. <i>SPICATA</i>	(Pursh) A. Love	Bluebunch wheatgrass

<i>SPOROBOLUS CRYPTANDRUS</i>	(Torr.) Gray	Sand dropseed
<i>STIPA COMATA</i>	Trin. & Rupr.	Needle-and-thread grass
<i>STIPA VIRIDULA</i>	Trin.	Green needle-grass
<i>BOUTELOUA CURTIPENDULA</i>	(Michx.) Torr.	Side-oats gramma-grass
<i>ELYTRIGIA REPENS</i> var. <i>REPENS</i>	(L.) Desv. ex B.D. Jackson	Quack-grass
<i>ORYZOPSIS HYMENOIDES</i>	(Roemer & J.A. Schultes) Ricker ex Piper	Indian ricegrass
<i>DISTICHLIS SPICATA</i>	(L.) Greene	Salt grass
<i>KOELERIA MACRANTHA</i>	(Ledeb.) J.A. Schultes	Junegrass (p. 761)
<i>ARISTIDA PURPUREA</i> var. <i>LONGISETA</i>	(Steud.) Vasey	Purple three-awn
<i>POA SECUNDA</i>	J. Presl	Bluegrass
<i>ECHINOCHLOA CRUS-GALLI</i>	(L.) Beauv.	Barnyard-grass
<i>ECHINOCHLOA MURICATA</i> var. <i>MICROSTACHYA</i>	Wieg.	Barnyard-grass
<i>ELYMUS CANADENSIS</i>	L.	Canada wild rye
<i>ELYMUS ELYMOIDES</i>	(Raf.) Swezey	Wild rye
<i>SPOROBOLUS AIROIDES</i>	(Torr.) Torr.	Alkali-sacaton
<i>ELYMUS LANCEOLATUS</i> ssp. <i>LANCEOLATUS</i>	(Scribn. & J.G. Sm.) Gould	Wild rye
<i>ELYMUS TRACHYCAULUS</i> ssp. <i>TRACHYCAULUS</i>	(Link) Gould ex Shinners	Slender wheatgrass
<i>ELYMUS VIRGINICUS</i> var. <i>SUBMUTICUS</i>	Hook.	Virginia wild rye

Polemoniaceae

Number of Species in the family: 4

<i>PHLOX ANDICOLA</i>	E. Nels.	Phlox, Sweet William
<i>PHLOX HOODII</i>	Richards.	Phlox, Sweet William
<i>IPOMOPSIS CONGESTA</i>	(Hook.) V. Grant	Phlox
<i>LEPTODACTYLON CAESPITOSUM</i>	Nutt.	Polemonium

Polygonaceae

Number of Species in the family: 14

<i>RUMEX STENOPHYLLUS</i>	Ledeb.	Curly dock
<i>POLYGONUM LAPATHIFOLIUM</i>	L.	Dock-leaved smartweed
<i>ERIOGONUM PAUCIFLORUM</i>	Pursh	Wild buckwheat

<i>ERIOGONUM FLAVUM</i>	Nutt.	Yellow wild buckwheat
<i>ERIOGONUM ANNUUM</i>	Nutt.	Annual eriogonum
<i>ERIOGONUM ALATUM</i>	Torr.	Winged eriogonum
<i>POLYGONUM ACHOREUM</i>	Blake	Smartweed
<i>POLYGONUM CONVULVULUS</i>	L.	Black bindweed
<i>POLYGONUM PENNSYLVANICUM</i>	L.	Pennsylvania smartweed
<i>POLYGONUM RAMOSISSIMUM</i>	Michx.	Smartweed
<i>RUMEX CRISPUS</i>	L.	Curly dock
<i>RUMEX PATIENTIA</i>	L.	Patience dock
<i>RUMEX VENOSUS</i>	Pursh	Veiny dock
<i>RUMEX SALICIFOLIUS</i> var. <i>MEXICANUS</i>	(Meisn.) C.L. Hitchc.	Sorrel, dock

Portulacaceae Number of Species in the family: 1

<i>PORTULACA OLERACEA</i>	L.	Common purslane
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Ranunculaceae Number of Species in the family: 3

<i>RANUNCULUS MACOUNII</i>	Britt.	Marsh crowfoot
<i>CLEMATIS LIGUSTICIFOLIA</i>	Nutt.	Clematis
<i>CLEMATIS VIRGINIANA</i>	L.	Virgin's bower

Rhamnaceae Number of Species in the family: 1

<i>RHAMNUS CATHARTICA</i>	L.	Common buckthorn
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Rosaceae Number of Species in the family: 6

<i>ROSA ARKANSANA</i>	Porter	Dwarf prairie rose
<i>PRUNUS VIRGINIANA</i>	L.	Choke-cherry
<i>POTENTILLA PENNSYLVANICA</i>	L.	Cinquefoil or five-fingers
<i>POTENTILLA PARADOXA</i>	Nutt.	Diffuse potentilla
<i>ROSA WOODSII</i>	Lindl.	Western rose
<i>CERCOCARPUS MONTANUS</i>	Raf.	Mountain mahogany

Rubiaceae Number of Species in the family: 2

<i>GALIUM TRIFLORUM</i>	Michx.	Sweet-scented bedstraw
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<i>GALIUM APARINE</i>	L.	Cleavers
Salicaceae	Number of Species in the family: 6	
<i>SALIX INTERIOR</i>	Rowlee	Sandbar Willow
<i>SALIX AMYGDALOIDES</i>	Anderss.	Peach-leaf willow
<i>SALIX EXIGUA</i>	Nutt.	Sandbar willow
<i>SALIX LUTEA</i>	Nutt.	Yellow willow
<i>SALIX FRAGILIS</i>	L.	Crack willow
<i>POPULUS DELTOIDES ssp. MONILIFERA</i>	(Ait.) Eckenwalder	Cottonwood
Santalaceae	Number of Species in the family: 2	
<i>COMANDRA UMBELLATA ssp. PALLIDA</i>	(A. DC.) Piehl	Bastard toad-flax
<i>COMANDRA UMBELLATA</i>	(L.) Nutt.	Bastard toad-flax
Scrophulariaceae	Number of Species in the family: 7	
<i>PENSTEMON GLABER</i>	Pursh	Beard-tongue
<i>PENSTEMON ANGUSTIFOLIUS var. CAUDATUS</i>	(Heller) Rydb.	Beard-tongue
<i>VERONICA ANAGALLIS-AQUATICA</i>	L.	Water speedwell
<i>PENSTEMON ANGUSTIFOLIUS</i>	Nutt. ex Pursh	Beard-tongue
<i>PENSTEMON ALBIDUS</i>	Nutt.	White Beardtounge
<i>MIMULUS GLABRATUS var. FREMONTII</i>	(Benth.) A.L. Grant	Round-leaf monkey-flower
<i>VERBASCUM THAPSUS</i>	L.	Common mullein
Solanaceae	Number of Species in the family: 8	
<i>PHYSALIS VIRGINIANA</i>	P. Mill.	Virginia ground cherry
<i>PHYSALIS HEDERIFOLIA var. COMATA</i>	(Rydb.) Waterfall	Ground cherry
<i>SOLANUM TRIFLORUM</i>	Nutt.	Cut-leaved nightshade
<i>LYCIUM BARBARUM</i>	L.	Matrimony vine
<i>SOLANUM INTERIUS</i>	Rydb.	Nightshade
<i>SOLANUM ROSTRATUM</i>	Dunal	Buffalo-bur
<i>PHYSALIS HISPIDA</i>	(Waterfall) Cronq.	Plains-sandhill ground cherry
<i>PHYSALIS LONGIFOLIA</i>	Nutt.	Longflower ground cherry

Tamaricaceae	Number of Species in the family: 1	
<i>TAMARIX RAMOSISSIMA</i>	Ledeb.	Saltcedar
Typhaceae	Number of Species in the family: 1	
<i>TYPHA LATIFOLIA</i>	L.	Common cat-tail
Ulmaceae	Number of Species in the family: 3	
<i>CELTIS OCCIDENTALIS</i>	L.	Northern hackberry
<i>ULMUS PUMILA</i>	L.	Elm
<i>ULMUS AMERICANA</i>	L.	White or American elm
Urticaceae	Number of Species in the family: 2	
<i>URTICA DIOICA ssp. GRACILIS</i>	(Ait.) Seland.	Nettle, stinging nettle
<i>PARIETARIA PENSYLVANICA</i>	Muhl. ex Willd.	Pellitory
Verbenaceae	Number of Species in the family: 3	
<i>VERBENA BRACTEATA</i>	Lag. & Rodr.	Prostrate vervain
<i>VERBENA STRICTA</i>	Vent.	Hoary vervain
<i>VERBENA HASTATA</i>	L.	Common vervain
Violaceae	Number of Species in the family: 1	
<i>VIOLA NUTTALLII</i>	Pursh	Yellow prairie violet
Vitaceae	Number of Species in the family: 2	
<i>VITIS RIPARIA</i>	Michx.	Frost grape, winter grape
<i>PARTHENOCESSUS VITACEA</i>	(Knerr) A.S. Hitchc.	Grape-woodbine
Zygophyllaceae	Number of Species in the family: 1	
<i>TRIBULUS TERRESTRIS</i>	L.	Puncture-vine

Nomenclature follows the Natural Resource Conservation Service (NRCS) PLANTS database

Section 2

**The park flora arranged alphabetically
by species**

The Flora of Scott's Bluff NM

<i>ABRONIA FRAGRANS</i>	Nutt. ex Hook.	Sweet sand verberna	Nyctaginaceae
<i>ACER NEGUNDO</i>	L.	Boxelder maple	Aceraceae
<i>ACER NEGUNDO</i> var. <i>INTERIUS</i>	(Britt.) Sarg.	Boxelder, Ash-leaved maple	Aceraceae
<i>AGROPYRON CRISTATUM</i>	(L.) Gaertn.	Crested wheatgrass	Poaceae
<i>AGROSTIS STOLONIFERA</i>	L.	Creeping bent-grass	Poaceae
<i>ALLIUM TEXTILE</i>	A. Nels. & J.F. Macbr.	Onion	Liliaceae
<i>ALOPECURUS ARUNDINACEUS</i>	Poir.	Meadow Foxtail	Poaceae
<i>ALYSSUM DESERTORUM</i>	Stapf	Alyssum	Brassicaceae
<i>AMARANTHUS ALBUS</i>	L.	Tumbleweed	Amaranthaceae
<i>AMARANTHUS BLITOIDES</i>	S. Wats.	Monoecious amaranth	Amaranthaceae
<i>AMARANTHUS HYBRIDUS</i>	L.	Smooth pigweed	Amaranthaceae
<i>AMARANTHUS RETROFLEXUS</i>	L.	Redroot, rough pigweed	Amaranthaceae
<i>AMBROSIA ARTEMISIIFOLIA</i>	L.	Common ragweed	Asteraceae
<i>AMBROSIA CUMANENSIS</i>	Kunth	Ragweed	Asteraceae
<i>AMBROSIA PSILOSTACHYA</i>	DC.	Western ragweed	Asteraceae
<i>AMBROSIA TRIFIDA</i>	L.	Giant ragweed	Asteraceae
<i>ANDROPOGON HALLII</i>	Hack.	Sand bluestem	Poaceae
<i>ANTENNARIA MICROPHYLLA</i>	Rybd.	Pink pussy-toes	Asteraceae
<i>ANTENNARIA PARVIFOLIA</i>	Nutt.	Plains pussytoes	Asteraceae
<i>APOCYNUM CANNABINUM</i>	L.	Hemp dogbane	Apocynaceae
<i>ARABIS HOLBOELLII</i>	Hornem.	Rock-cress	Brassicaceae
<i>ARABIS HOLBOELLII</i> var. <i>PINETORUM</i>	(Tidestrom) Rollins	Rock-cress	Brassicaceae
<i>ARENARIA HOOKERI</i>	Nutt.	Sandwort	Caryophyllaceae
<i>ARGEMONE POLYANTHEMOS</i>	(Fedde) G.B. Ownbey	Prickly poppy	Papaveraceae

<i>ASTRAGALUS MOLLISSIMUS</i>	Torr.	Milk-vetch	Fabaceae
<i>ASTRAGALUS PECTINATUS</i>	Nutt. ex T. & G.	Platte River milk vetch	Fabaceae
<i>ASTRAGALUS SPATULATUS</i>	Sheldon	Milk-vetch	Fabaceae
<i>ATRIPLEX CANESCENS</i>	(Pursh) Nutt.	Goosefoot	Chenopodiaceae
<i>ATRIPLEX GARDNERI</i>	(Moq.) Standl.	Saltbush	Chenopodiaceae
<i>ATRIPLEX MICRANTHA</i>	Ledeb.	Twoscale saltbush	Chenopodiaceae
<i>ATRIPLEX PROSTRATA</i>	Boucher ex DC.		Chenopodiaceae
<i>ATRIPLEX SUBSPICATA</i>	(Nutt.) Rydb.		Chenopodiaceae
<i>AVENA FATUA</i>	L.	Wild oats	Poaceae
<i>AVENA SATIVA</i>	L.	Oats	Poaceae
<i>BERULA ERECTA</i>	(Huds.) Coville	Carrot	Apiaceae
<i>BIDENS COMOSA</i>	Wieg.	Beggar-ticks	Asteraceae
<i>BIDENS FRONDOSA</i>	L.	Devil's beggar-ticks	Asteraceae
<i>BIDENS TRIPARTITA</i>	L.	Beggar-ticks	Asteraceae
<i>BOUTELOUA CURTIPENDULA</i>	(Michx.) Torr.	Side-oats gramma-grass	Poaceae
<i>BOUTELOUA GRACILIS</i>	(Willd. ex Kunth) Lag. ex Griffiths	Blue gramma-grass	Poaceae
<i>BRICKELLIA EUPATORIOIDES</i>	(L.) Shinnery	Aster	Asteraceae
<i>BRICKELLIA EUPATORIOIDES</i> var. <i>CORYMBULOSA</i>	(Torr. & Gray) Shinnery	Aster	Asteraceae
<i>BRICKELLIA GRANDIFLORA</i>	(Hook.) Nutt.	Aster	Asteraceae
<i>BROMUS INERMIS</i>	Leyss.	Smooth brome	Poaceae
<i>BROMUS JAPONICUS</i>	Thunb. ex Murr.	Japanese chess	Poaceae
<i>BROMUS SQUARROSUS</i>	L.	Brome grass	Poaceae
<i>BROMUS TECTORUM</i>	L.	Junegrass, downy chess	Poaceae
<i>BUCHLOE DACTYLOIDES</i>	(Nutt.) Engelm.	Buffalo-grass	Poaceae
<i>CALAMOVILFA LONGIFOLIA</i>	(Hook.) Scribn.	Sand-reed	Poaceae
<i>CALYLOPHUS SERRULATUS</i>	(Nutt.) Raven	Evening-primrose	Onagraceae

<i>CAMELINA MICROCARPA</i>	Andrz. ex DC.	Small-seed false flax	Brassicaceae
<i>CANNABIS SATIVA</i>	L.	Hemp, Indian hemp	Cannabaceae
<i>CAPSELLA BURSA-PASTORIS</i>	(L.) Medik.	Shepherd's purse	Brassicaceae
<i>CARDUUS NUTANS</i>	L.	Musk-thistle	Asteraceae
<i>CAREX BREVIOR</i>	(Dewey) Mackenzie ex Lunell	Sedge	Cyperaceae
<i>CAREX DURIUSCULA</i>	C.A. Mey.	Sedge	Cyperaceae
<i>CAREX FILIFOLIA</i>	Nutt.	Sedge	Cyperaceae
<i>CAREX HALLII</i>	Olney		Cyperaceae
<i>CAREX NEBRASCENSIS</i>	Dewey	Sedge	Cyperaceae
<i>CAREX PRAEGRACILIS</i>	W. Boott	Clustered field sedge	Cyperaceae
<i>CELTIS OCCIDENTALIS</i>	L.	Northern hackberry	Ulmaceae
<i>CENCHRUS LONGISPINUS</i>	(Hack.) Fern.	Common sandbur	Poaceae
<i>CENTAUREA DIFFUSA</i>	Lam.	Tumble-knapweed	Asteraceae
<i>CERCOCARPUS MONTANUS</i>	Raf.	Mountain mahogany	Rosaceae
<i>CHAMAESYCE GEYERI</i>	(Engelm.) Small	Dune spurge	Euphorbiaceae
<i>CHAMAESYCE GLYPTOSPERMA</i>	(Engelm.) Small	Ridge-seed spurge	Euphorbiaceae
<i>CHAMAESYCE MISSURICA</i>	(Raf.) Shinnery	Missouri spurge	Euphorbiaceae
<i>CHAMAESYCE PROSTRATA</i>	(Ait.) Small	Spurge	Euphorbiaceae
<i>CHAMAESYCE SERPYLLIFOLIA</i> ssp. <i>SERPYLLIFOLIA</i>	(Pers.) Small	Thyme-leaved spurge	Euphorbiaceae
<i>CHENOPODIUM ALBUM</i>	L.	Lamb's quarters, pigweed	Chenopodiaceae
<i>CHENOPODIUM BERLANDIERI</i>	Moq.	Pitseed goosefoot	Chenopodiaceae
<i>CHENOPODIUM DESICCATUM</i>	A. Nels.	Goosefoot	Chenopodiaceae
<i>CHENOPODIUM FREMONTII</i>	S. Wats.	Fremont goosefoot	Chenopodiaceae
<i>CHENOPODIUM GLAUCUM</i>	L.	Oak-leaved goosefoot	Chenopodiaceae
<i>CHENOPODIUM INCANUM</i>	(S. Wats.) Heller	Goosefoot, Lamb's quarter	Chenopodiaceae
<i>CHENOPODIUM PRATERICOLA</i>	Rydb.	Narrow-leaf goosefoot	Chenopodiaceae

<i>CHORISPORA TENELLA</i>	(Pall.) DC.	Blue mustard	Brassicaceae
<i>CHRYSOETHAMNUS NAUSEOSUS</i>	(Pallas ex Pursh) Britt.	Rabbit brush	Asteraceae
<i>CHRYSOETHAMNUS NAUSEOSUS</i> ssp. <i>GRAVEOLENS</i>	(Nutt.) Piper	Rabbit brush	Asteraceae
<i>CHRYSOETHAMNUS PARRYI</i> ssp. <i>HOWARDII</i>	(Parry ex Gray) Hall & Clements	Rabbit brush	Asteraceae
<i>CICUTA MACULATA</i>	L.	Common water-hemlock	Apiaceae
<i>CIRSIIUM ARVENSE</i>	(L.) Scop.	Canada thistle	Asteraceae
<i>CIRSIIUM CANESCENS</i>	Nutt.	Thistle	Asteraceae
<i>CIRSIIUM FLODMANII</i>	(Rydb.) Arthur	Prairie thistle	Asteraceae
<i>CIRSIIUM OCHROCENTRUM</i>	Gray	Yellowspine thistle	Asteraceae
<i>CIRSIIUM VULGARE</i>	(Savi) Ten.	Bull thistle	Asteraceae
<i>CLEMATIS LIGUSTICIFOLIA</i>	Nutt.	Clematis	Ranunculaceae
<i>CLEMATIS VIRGINIANA</i>	L.	Virgin's bower	Ranunculaceae
<i>CLEOME SERRULATA</i>	Pursh	Stinking clover	Capparaceae
<i>COMANDRA UMBELLATA</i>	(L.) Nutt.	Bastard toad-flax	Santalaceae
<i>COMANDRA UMBELLATA</i> ssp. <i>PALLIDA</i>	(A. DC.) Pehl	Bastard toad-flax	Santalaceae
<i>CONIUM MACULATUM</i>	L.	Poison hemlock	Apiaceae
<i>CONVOLVULUS ARVENSIS</i>	L.	Field-bindweed	Convolvulaceae
<i>CONYZA CANADENSIS</i>	(L.) Cronq.	Horseweed	Asteraceae
<i>COREOPSIS TINCTORIA</i>	Nutt.	Plains-tickseed	Asteraceae
<i>CORYPHANTHA VIVIPARA</i>	(Nutt.) Britt. & Rose	Pincushion cactus	Cactaceae
<i>CREPIS ATRIBARBA</i>	Heller	Hawk's-beard	Asteraceae
<i>CROTON TEXENSIS</i>	(Klotzsch) Muell.-Arg.	Texas croton	Euphorbiaceae
<i>CRYPTANTHA CANA</i>	(A. Nels.) Payson	Borage	Boraginaceae
<i>CRYPTANTHA CELOSIODES</i>	(Eastw.) Payson	Borage	Boraginaceae
<i>CRYPTANTHA CINEREA</i>	(Greene) Cronq.	Cryptanthe	Boraginaceae
<i>CRYPTANTHA CINEREA</i> var. <i>JAMESII</i>	Cronq.	Borage	Boraginaceae

<i>CRYPTANTHA MINIMA</i>	Rydb.	Borage	Boraginaceae
<i>CRYPTANTHA THYRSIFLORA</i>	(Greene) Payson	Borage	Boraginaceae
<i>CYMOPTERUS ACAULIS</i>	(Pursh) Raf.	Wild parsley	Apiaceae
<i>CYMOPTERUS MONTANUS</i>	Nutt. ex Torr. & Gray	Cymopterus	Apiaceae
<i>CYNOGLOSSUM OFFICINALE</i>	L.	Hound's tongue	Boraginaceae
<i>CYPERUS SQUARROSUS</i>	L.	Sedge	Cyperaceae
<i>DACTYLIS GLOMERATA</i>	L.	Orchard grass	Poaceae
<i>DALEA AUREA</i>	Nutt. ex Pursh	Golden prairie clover	Fabaceae
<i>DALEA CANDIDA</i>	Willd.	White prairie clover	Fabaceae
<i>DALEA CANDIDA</i> var. <i>OLIGOPHYLLA</i>	(Torr.) Shinnars	White prairie clover	Fabaceae
<i>DALEA PURPUREA</i>	Vent.	Purple prairie clover	Fabaceae
<i>DESCURAINIA PINNATA</i>	(Walt.) Britt.	Tansy-mustard	Brassicaceae
<i>DESCURAINIA SOPHIA</i>	(L.) Webb ex Prantl	Herb-sophia, tansy-mustard	Brassicaceae
<i>DISTICHLIS SPICATA</i>	(L.) Greene	Salt grass	Poaceae
<i>DRABA REPTANS</i>	(Lam.) Fern.	Mustard	Brassicaceae
<i>DYSSODIA PAPPOSA</i>	(Vent.) A.S. Hitchc.	Stinking marigold	Asteraceae
<i>ECHINACEA ANGUSTIFOLIA</i>	DC.	Prairie coneflower	Asteraceae
<i>ECHINOCHLOA CRUS-GALLI</i>	(L.) Beauv.	Barnyard-grass	Poaceae
<i>ECHINOCHLOA MURICATA</i> var. <i>MICROSTACHYA</i>	Wieg.	Barnyard-grass	Poaceae
<i>ECHINOCYSTIS LOBATA</i>	(Michx.) Torr. & Gray	Wild cucumber	Cucurbitaceae
<i>ELAEAGNUS ANGUSTIFOLIA</i>	L.	Russian olive, oleaster	Elaeagnaceae
<i>ELEOCHARIS ERYTHROPODA</i>	Steud.	Spike-rush	Cyperaceae
<i>ELLISIA NYCTELEA</i>	(L.) L.	Water-pod	Hydrophyllaceae
<i>ELYMUS CANADENSIS</i>	L.	Canada wild rye	Poaceae
<i>ELYMUS ELYMOIDES</i>	(Raf.) Swezey	Wild rye	Poaceae
<i>ELYMUS ELYMOIDES</i> ssp. <i>ELYMOIDES</i>	(Raf.) Swezey		Poaceae

<i>ELYMUS LANCEOLATUS</i> ssp. <i>LANCEOLATUS</i>	(Scribn. & J.G. Sm.) Gould	Wild rye	Poaceae
<i>ELYMUS TRACHYCAULUS</i> ssp. <i>TRACHYCAULUS</i>	(Link) Gould ex Shinnars	Slender wheatgrass	Poaceae
<i>ELYMUS VIRGINICUS</i> var. <i>SUBMUTICUS</i>	Hook.	Virginia wild rye	Poaceae
<i>ELYTRIGIA ELONGATA</i>	(Host) Nevski	Tall wheatgrass	Poaceae
<i>ELYTRIGIA INTERMEDIA</i>	(Host) Nevski		Poaceae
<i>ELYTRIGIA REPENS</i> var. <i>REPENS</i>	(L.) Desv. ex B.D. Jackson	Quack-grass	Poaceae
<i>EPILOBIUM CILIATUM</i> ssp. <i>CILIATUM</i>	Raf.	American willow-herb	Onagraceae
<i>EPILOBIUM LEPTOPHYLLUM</i>	Raf.	American marsh willow-herb	Onagraceae
<i>EQUISETUM ARVENSE</i>	L.	Common or field horsetails	Equisetaceae
<i>EQUISETUM HYEMALE</i>	L.	Common scouring rushes	Equisetaceae
<i>EQUISETUM LAEVIGATUM</i>	A. Braun	Smooth scouring rushes	Equisetaceae
<i>ERAGROSTIS CILIANENSIS</i>	(All.) Lut. ex Janchen	Stink-grass	Poaceae
<i>ERAGROSTIS PECTINACEA</i>	(Michx.) Nees ex Steud.	Carolina lovegrass	Poaceae
<i>EREMOGONE HOOKERI</i>	(Nutt. ex T. & G.) Weber	Desert Sandwort	Caryophyllaceae
<i>ERIGERON BELLIDIASTRUM</i>	Nutt.	Fleabane	Asteraceae
<i>ERIGERON CAESPITOSUS</i>	Nutt.	Fleabane	Asteraceae
<i>ERIGERON CANUS</i>	Gray	Fleabane	Asteraceae
<i>ERIGERON PUMILUS</i>	Nutt.	Fleabane	Asteraceae
<i>ERIOGONUM ALATUM</i>	Torr.	Winged eriogonum	Polygonaceae
<i>ERIOGONUM ANNUUM</i>	Nutt.	Annual eriogonum	Polygonaceae
<i>ERIOGONUM FLAVUM</i>	Nutt.	Yellow wild buckwheat	Polygonaceae
<i>ERIOGONUM PAUCIFLORUM</i>	Pursh	Wild buckwheat	Polygonaceae
<i>ERYSIMUM ASPERUM</i>	(Nutt.) DC.	Western wallflower	Brassicaceae
<i>ESCOBARIA VIVIPARA</i> var. <i>VIVIPARA</i>	(Nutt.) Buxbaum	Pincushion cactus	Cactaceae
<i>EUPHORBIA DENTATA</i>	Michx.	Toothed spurge	Euphorbiaceae
<i>EUPHORBIA GLYPTOSPERMA</i>	Engelm.	Ridge-seeded spurge	Euphorbiaceae

<i>EUPHORBIA HEXAGONA</i>	Nutt. ex Spreng.	Six-angled spurge	Euphorbiaceae
<i>EUPHORBIA MISSURICA</i>	Raf.	Prairie spurge	Euphorbiaceae
<i>EUPHORBIA ROBUSTA</i>	(Engelm.) Small	Spurge	Euphorbiaceae
<i>EUPHORBIA SPATHULATA</i>	Lam.	Prairie spurge	Euphorbiaceae
<i>EUTHAMIA GYMNOSPERMOIDES</i>	Greene	Great Plains flat-topped goldenrod	Asteraceae
<i>EUTHAMIA OCCIDENTALIS</i>	Nutt.	Sunflower	Asteraceae
<i>EVOLVULUS NUTTALLIANUS</i>	R. & S.	Evolvulus	Convolvulaceae
<i>FIMBRISTYLIS PUBERULA</i> var. <i>INTERIOR</i>	(Michx.) Vahl, Britt.	Hairy fimbry	Cyperaceae
<i>FRAXINUS PENNSYLVANICA</i>	Marsh.	Ash	Oleaceae
<i>FRITILLARIA ATROPURPUREA</i>	Nutt.	Leopard lily	Liliaceae
<i>GALIUM APARINE</i>	L.	Cleavers	Rubiaceae
<i>GALIUM TRIFLORUM</i>	Michx.	Sweet-scented bedstraw	Rubiaceae
<i>GAURA COCCINEA</i>	Nutt. ex Pursh	Scarlet gaura	Onagraceae
<i>GAURA PARVIFLORA</i>	Dougl. ex Lehm.	Gaura	Onagraceae
<i>GLEDITSIA TRIACANTHOS</i>	L.	Honey-locust	Fabaceae
<i>GLYCYRRHIZA LEPIDOTA</i>	Pursh	Wild licorice	Fabaceae
<i>GRINDELIA SQUARROSA</i>	(Pursh) Dunal	Curly-top gum-weed	Asteraceae
<i>GUTIERFERA SAROTHRAE</i>	(Pursh) Britt. & Rusby	Matchbrush	Asteraceae
<i>HACKELIA VIRGINIANA</i>	(L.) I.M. Johnston	Stickseed, beggar's lice	Boraginaceae
<i>HEDEOMA DRUMMONDII</i>	Benth.	Drummond false pennyroyal	Lamiaceae
<i>HEDEOMA HISPIDUM</i>	Pursh	Mint	Lamiaceae
<i>HELIANTHUS ANNUUS</i>	L.	Common sunflower	Asteraceae
<i>HELIANTHUS MAXIMILIANI</i>	Schrad.	Maximilian sunflower	Asteraceae
<i>HELIANTHUS PETIOLARIS</i>	Nutt.	Plains sunflower	Asteraceae
<i>HESPERIS MATRONALIS</i>	L.	Dame's rocket	Brassicaceae
<i>HETEROTHECA VILLOSA</i>	(Pursh) Shinnars	Golden aster	Asteraceae
<i>HETEROTHECA VILLOSA</i> var. <i>HISPIDA</i>	(Pursh) Shinnars	Hairy golden aster	Asteraceae

<i>HETEROTHECA VILLOSA</i> var. <i>HORRIDA</i>			Asteraceae
<i>HETEROTHECA VILLOSA</i> var. <i>VILLOSA</i>	(Pursh) Shinnars	Hairy goldenaster	Asteraceae
<i>HORDEUM JUBATUM</i>	L.	Foxtail-barley	Poaceae
<i>HORDEUM PUSILLUM</i>	Nutt.	Little barley	Poaceae
<i>HYMENOPAPPUS FILIFOLIUS</i> var. <i>POLYCEPHALUS</i>	(Osterhout) B.L. Turner	Aster	Asteraceae
<i>HYMENOXYIS SCAPOSA</i>	(DC) Parker		Asteraceae
<i>IPOMOEA HEDERACEA</i>	Jacq.	Ivy-leaved morning-glory	Convolvulaceae
<i>IPOMOEA LEPTOPHYLLA</i>	Torr.	Morning-glory	Convolvulaceae
<i>IPOMOPSIS CONGESTA</i>	(Hook.) V. Grant	Phlox	Polemoniaceae
<i>IVA ANNUA</i>	L.	Rough marsh-elder	Asteraceae
<i>IVA AXILLARIS</i>	Hook.	Poverty weed	Asteraceae
<i>IVA XANTHIFOLIA</i>	Nutt.	Big marsh-elder	Asteraceae
<i>JUGLANS NIGRA</i>	L.	Black walnut	Juglandaceae
<i>JUNCUS BALTICUS</i>	Willd.	Wire-rush	Juncaceae
<i>JUNCUS BALTICUS</i> var. <i>MONTANUS</i>	Engelm.	Wire-rush	Juncaceae
<i>JUNCUS LONGISTYLIS</i>	Torr.	Rush	Juncaceae
<i>JUNCUS TORREYI</i>	Coville	Rush	Juncaceae
<i>JUNIPERUS SCOPULORUM</i>	Sarg.	Rocky Mountain juniper	Cupressaceae
<i>JUNIPERUS VIRGINIANA</i>	L.	Eastern red cedar	Cupressaceae
<i>KOCHIA SCOPARIA</i>	(L.) Schrad.	Summer-cypress	Chenopodiaceae
<i>KOELERIA MACRANTHA</i>	(Ledeb.) J.A. Schultes	Junegrass (p. 761)	Poaceae
<i>KRASCHENINNIKOVIA LANATA</i>	(Pursh) Guldenstaedt	White sage, winter fat	Chenopodiaceae
<i>KUHNIA EUPATORIoidES</i> var. <i>CORYMBULOSA</i>	T. & G.	False boneset	Asteraceae
<i>LACTUCA OBLONGIFOLIA</i>	Nutt.	Blue lettuce	Asteraceae
<i>LACTUCA SERRIOLA</i>	L.	Prickly lettuce	Asteraceae
<i>LACTUCA TATARICA</i> var. <i>PULCHELLA</i>	(Pursh) Breitung	Blue lettuce	Asteraceae

<i>LAMIUM AMPLEXICAULE</i>	L.	Henbit	Lamiaceae
<i>LAPPULA CENCHRUSOIDES</i>	A. Nels.	Stickseed, beggar's lice	Boraginaceae
<i>LAPPULA OCCIDENTALIS</i> var. <i>CUPULATA</i>	(Gray) Higgins	Western stickseed	Boraginaceae
<i>LAPPULA OCCIDENTALIS</i> var. <i>OCCIDENTALIS</i>	(S. Wats.) Greene	Western stickseed	Boraginaceae
<i>LATHYRUS POLYMORPHUS</i>	Nutt.	Vetchling, wild pea	Fabaceae
<i>LEMNA MINOR</i>	L.	Lesser duckweed	Lemnaceae
<i>LEPIDIUM DENSIFLORUM</i>	Schrad.	Prairie-pepperweed	Brassicaceae
<i>LEPIDIUM LATIFOLIUM</i>	L.		Brassicaceae
<i>LEPIDIUM VIRGINICUM</i>	L.	Poor-man's pepper	Brassicaceae
<i>LEPTODACTYLON CAESPITOSUM</i>	Nutt.	Polemonium	Polemoniaceae
<i>LESQUERELLA ALPINA</i>	(Nutt.) S. Wats.	Bladderpod	Brassicaceae
<i>LESQUERELLA LUDOVICIANA</i>	(Nutt.) S. Wats.	Mustard	Brassicaceae
<i>LEUCOCRINUM MONTANUM</i>	Nutt. ex Gray	Mountain lily	Liliaceae
<i>LIATRIS PUNCTATA</i>	Hook.	Blazing star, gay feather	Asteraceae
<i>LINUM COMPACTUM</i>	A. Nels.	Wyoming flax	Linaceae
<i>LINUM RIGIDUM</i>	Pursh	Stiffstem yellow flax	Linaceae
<i>LITHOSPERMUM INCISUM</i>	Lehm.	Narrow-leaved puccoon	Boraginaceae
<i>LOLIUM ARUNDINACEUM</i>	(Schreb.) S.J. Darbyshire		Poaceae
<i>LOMATIUM NUTTALLII</i>	(Gray) J.F. Macbr.	Dog parsley	Apiaceae
<i>LOMATIUM ORIENTALE</i>	Coult. & Rose	White wild parsley	Apiaceae
<i>LUPINUS PUSILLUS</i>	Pursh	Lupine	Fabaceae
<i>LYCIUM BARBARUM</i>	L.	Matrimony vine	Solanaceae
<i>LYCOPUS AMERICANUS</i>	Muhl. ex W. Bart.	American water-horehound	Lamiaceae
<i>LYCOPUS ASPER</i>	Greene	Western water-horehound	Lamiaceae
<i>LYGODESMIA JUNCEA</i>	(Pursh) D. Don ex Hook.	Skeleton-weed	Asteraceae
<i>MACHAERANTHERA CANESCENS</i>	(Pursh) Gray	Hoary aster	Asteraceae

<i>MACHAERANTHERA CANESCENS</i> ssp. <i>CANESCENS</i> var. <i>CANESCENS</i>	(Pursh) Gray	Hoary aster	Asteraceae
<i>MACHAERANTHERA PINNATIFIDA</i> ssp. <i>PINNATIFIDA</i> var. <i>PINNATIFIDA</i>	(Hook.) Shinnery	Aster	Asteraceae
<i>MAIANTHEMUM STELLATUM</i>	(L.) Link	False/Wild lily-of-the-valley; Solomon's seal	Liliaceae
<i>MEDICAGO LUPULINA</i>	L.	Black medick	Fabaceae
<i>MEDICAGO SATIVA</i>	L.	Alfalfa	Fabaceae
<i>MELILOTUS ALBUS</i>	Medik.	White sweet clover	Fabaceae
<i>MELILOTUS OFFICINALIS</i>	(L.) Lam.	Yellow sweet clover	Fabaceae
<i>MENTHA ARVENSIS</i>	L.	Field mint	Lamiaceae
<i>MENTZELIA ALBICAULIS</i>	(Hook.) T. & G.	Whitestem blazingstar	Loasaceae
<i>MENTZELIA DECAPETALA</i>	(Pursh ex Sims) Urban & Gilg ex Gilg	Sand-lily, evening star	Loasaceae
<i>MENTZELIA NUDA</i>	(Pursh) Torr. & Gray	Blazing star, Sand lily, Stickleaf	Loasaceae
<i>MIMULUS GLABRATUS</i> var. <i>FREMONTII</i>	(Benth.) A.L. Grant	Round-leaf monkey-flower	Scrophulariaceae
<i>MIRABILIS HIRSUTA</i>	(Pursh) MacM.	Hairy umbrella-wort	Nyctaginaceae
<i>MIRABILIS LINEARIS</i>	(Pursh) Heimerl	Narrow-leaved umbrella-wort	Nyctaginaceae
<i>MIRABILIS NYCTAGINEA</i>	(Michx.) MacM.	Heart-leaved umbrella-wort	Nyctaginaceae
<i>MONARDA PECTINATA</i>	Nutt.	Bee-balm	Lamiaceae
<i>MONROA SQUARROSA</i>	(Nutt.) Torr.	False buffalo grass	Poaceae
<i>MUHLENBERGIA ASPERIFOLIA</i>	(Nees & Meyen ex Trin.) Parodi	Scratchgrass, alkali muhly	Poaceae
<i>MUHLENBERGIA CUSPIDATA</i>	(Torr. ex Hook.) Rydb.	Muhly	Poaceae
<i>MUHLENBERGIA MEXICANA</i>	(L.) Trin.	Wirestem muhly	Poaceae
<i>MUHLENBERGIA PUNGENS</i>	Thurb.	Muhly	Poaceae
<i>MUHLENBERGIA RACEMOSA</i>	(Michx.) B.S.P.	Muhly	Poaceae
<i>MUSINEON TENUIFOLIUM</i>	(Nutt. ex Torr. & Gray) Coul. & Rose	Parsley	Apiaceae
<i>NEPETA CATARIA</i>	L.	Catnip	Lamiaceae
<i>NOTHOCALAIS CUSPIDATA</i>	(Pursh) Greene	False dandelion	Asteraceae

<i>OENOTHERA BIENNIS</i>	L.	Common evening-primrose	Onagraceae
<i>OENOTHERA CESPITOSA</i>	Nutt.	Evening-primrose	Onagraceae
<i>OENOTHERA NUTTALLII</i>	Sweet	White-stemmed evening-primrose	Onagraceae
<i>OENOTHERA VILLOSA</i>	Thunb.	Evening-primrose	Onagraceae
<i>OPUNTIA FRAGILIS</i>	(Nutt.) Haw.	Little prickly pear	Cactaceae
<i>OPUNTIA MACRORHIZA</i>	Engelm.	Plains prickly pear	Cactaceae
<i>OPUNTIA POLYACANTHA</i>	Haw.	Plains prickly pear	Cactaceae
<i>OROBANCHE FASCICULATA</i>	Nutt.	Clustered broom-rape	Orobanchaceae
<i>OROBANCHE LUDOVICIANA</i>	Nutt.	Broomrape	Orobanchaceae
<i>ORYZOPSIS HYMENOIDES</i>	(Roemer & J.A. Schultes) Ricker ex Piper	Indian ricegrass	Poaceae
<i>OXYTROPIS LAMBERTII</i>	Pursh	Purple loco-weed	Fabaceae
<i>OXYTROPIS SERICEA</i>	Nutt.	White locoweed	Fabaceae
<i>PANICUM CAPILLARE</i>	L.	Witch-grass	Poaceae
<i>PANICUM DICHOTOMIFLORUM</i>	Michx.	Panic-grass	Poaceae
<i>PANICUM VIRGATUM</i>	L.	Switchgrass	Poaceae
<i>PARIETARIA PENNSYLVANICA</i>	Muhl. ex Willd.	Pellitory	Urticaceae
<i>PARONYCHIA DEPRESSA</i>	(Torr. & Gray) Nutt. ex A. Nels.	Whitlow-wort	Caryophyllaceae
<i>PARONYCHIA SESSILIFLORA</i>	Nutt.	nailwort	Caryophyllaceae
<i>PARTHENOCISSUS VITACEA</i>	(Knerr) A.S. Hitchc.	Grape-woodbine	Vitaceae
<i>PASCOPYRUM SMITHII</i>	(Rydb.) A. Love	Western wheatgrass	Poaceae
<i>PEDIOMELUM ARGOPHYLLUM</i>	(Pursh) J. Grimes	Silvery scurf-pea	Fabaceae
<i>PEDIOMELUM ESCULENTUM</i>	(Pursh) Rydb.	Shaggy prairie-turnip	Fabaceae
<i>PENSTEMON ALBIDUS</i>	Nutt.	White Beardtounge	Scrophulariaceae
<i>PENSTEMON ANGUSTIFOLIUS</i>	Nutt. ex Pursh	Beard-tongue	Scrophulariaceae
<i>PENSTEMON ANGUSTIFOLIUS</i> var. <i>CAUDATUS</i>	(Heller) Rydb.	Beard-tongue	Scrophulariaceae
<i>PENSTEMON GLABER</i>	Pursh	Beard-tongue	Scrophulariaceae

<i>PHACELIA HASTATA</i> var. <i>INEBRIANS</i>	Dougl. ex Lehm. (Torr.) Cronq.	Scorpionweed	Hydrophyllaceae
<i>PHACELIA LEPTOSEPALA</i>	Rydb.	Phacelia	Hydrophyllaceae
<i>PHALARIS ARUNDINACEA</i>	L.	Reed canary-grass	Poaceae
<i>PHLOX ANDICOLA</i>	E. Nels.	Phlox, Sweet William	Polemoniaceae
<i>PHLOX HOODII</i>	Richards.	Phlox, Sweet William	Polemoniaceae
<i>PHRAGMITES AUSTRALIS</i>	(Cav.) Trin. ex Steud.	Common reed	Poaceae
<i>PHYSALIS HEDERIFOLIA</i> var. <i>COMATA</i>	(Rydb.) Waterfall	Ground cherry	Solanaceae
<i>PHYSALIS HISPIDA</i>	(Waterfall) Cronq.	Plains-sandhill ground cherry	Solanaceae
<i>PHYSALIS LONGIFOLIA</i>	Nutt.	Longflower ground cherry	Solanaceae
<i>PHYSALIS VIRGINIANA</i>	P. Mill.	Virginia ground cherry	Solanaceae
<i>PHYSARIA BRASSICOIDES</i>	Rydb.	Double bladderpod	Brassicaceae
<i>PICEA PUNGENS</i>	Engelm.	Blue spruce	Pinaceae
<i>PINUS PONDEROSA</i>	P. & C. Lawson	Ponderosa pine	Pinaceae
<i>PIPTATHERUM MICRANTHUM</i>	(Trin. & Rupr.) Barkworth		Poaceae
<i>PLANTAGO PATAGONICA</i>	Jacq.	Wooly plantain	Plantaginaceae
<i>POA COMPRESSA</i>	L.	Canada bluegrass	Poaceae
<i>POA PALUSTRIS</i>	L.	Fowl meadow grass	Poaceae
<i>POA PRATENSIS</i>	L.	Kentucky bluegrass	Poaceae
<i>POA SECUNDA</i>	J. Presl	Bluegrass	Poaceae
<i>POLANISIA DODECANDRA</i>	(L.) DC.	Clammy-weed	Capparaceae
<i>POLANISIA DODECANDRA</i> ssp. <i>TRACHYSERMA</i>	(Torr. & Gray) Iltis	Sandyseed clammyweed	Capparaceae
<i>POLYGONUM ACHOREUM</i>	Blake	Smartweed	Polygonaceae
<i>POLYGONUM CONVULVULUS</i>	L.	Black bindweed	Polygonaceae
<i>POLYGONUM LAPATHIFOLIUM</i>	L.	Dock-leaved smartweed	Polygonaceae
<i>POLYGONUM PENNSYLVANICUM</i>	L.	Pennsylvania smartweed	Polygonaceae
<i>POLYGONUM RAMOSISSIMUM</i>	Michx.	Smartweed	Polygonaceae

<i>POPULUS DELTOIDES</i> ssp. <i>MONILIFERA</i>	(Ait.) Eckenwalder	Cottonwood	Salicaceae
<i>PORTULACA OLERACEA</i>	L.	Common purslane	Portulacaceae
<i>POTENTILLA PARADOXA</i>	Nutt.	Diffuse potentilla	Rosaceae
<i>POTENTILLA PENSYLVANICA</i>	L.	Cinquefoil or five-fingers	Rosaceae
<i>PRUNUS VIRGINIANA</i>	L.	Choke-cherry	Rosaceae
<i>PSATHYROSTACHYS JUNCEA</i>	(Fisch.) Nevski	Russian wildrye	Poaceae
<i>PSEUDOROEGNERIA SPICATA</i> ssp. <i>SPICATA</i>	(Pursh) A. Love	Bluebunch wheatgrass	Poaceae
<i>PSORALEA ARGOPHYLLA</i>	Pursh	Silvery scurf-pea	Fabaceae
<i>PSORALEA ESCULENTA</i>	Pursh	Breadroot scurf-pea	Fabaceae
<i>PSORALEA HYPOQAEA</i>	Nutt.	Little breadroot scurf-pea	Fabaceae
<i>PSORALIDIUM LANCEOLATUM</i>	(Pursh) Rydb.	Pea, Bean	Fabaceae
<i>PSORALIDIUM TENUIFLORUM</i>	(Pursh) Rydb.	Gray scurf-pea	Fabaceae
<i>RANUNCULUS MACOUNII</i>	Britt.	Marsh crowfoot	Ranunculaceae
<i>RATIBIDA COLUMNIFERA</i>	(Nutt.) Woot. & Standl.	Columnar coneflower	Asteraceae
<i>RHAMNUS CATHARTICA</i>	L.	Common buckthorn	Rhamnaceae
<i>RHUS AROMATICA</i>	Ait.	Squaw-bush	Anacardiaceae
<i>RHUS TRILOBATA</i>	Nutt.	Squaw-bush	Anacardiaceae
<i>RHUS TRILOBATA</i> var. <i>TRILOBATA</i>	Nutt.	Skunkbrush sumac	Anacardiaceae
<i>RIBES AUREUM</i> var. <i>VILLOSUM</i>	DC.	Gooseberry	Grossulariaceae
<i>RIBES CEREUM</i>	Dougl.	Gooseberry	Grossulariaceae
<i>RIBES CEREUM</i> var. <i>PEDICELLARE</i>	Brewer & S. Wats.	Whisky currant	Grossulariaceae
<i>ROBINIA PSEUDOACACIA</i>	L.	Black locust	Fabaceae
<i>RORIPPA PALUSTRIS</i>	(L.) Bess.	Common yellow-cress	Brassicaceae
<i>RORIPPA SINUATA</i>	(Nutt.) A.S. Hitchc.	Western yellow-cress	Brassicaceae
<i>ROSA ARKANSANA</i>	Porter	Dwarf prairie rose	Rosaceae
<i>ROSA WOODSII</i>	Lindl.	Western rose	Rosaceae
<i>RUDBECKIA HIRTA</i>	L.	Black-eyed Susan	Asteraceae

<i>RUMEX CRISPUS</i>	L.	Curly dock	Polygonaceae
<i>RUMEX PATIENTIA</i>	L.	Patience dock	Polygonaceae
<i>RUMEX SALICIFOLIUS</i> var. <i>MEXICANUS</i>	(Meisn.) C.L. Hitchc.	Sorrel, dock	Polygonaceae
<i>RUMEX STENOPHYLLUS</i>	Ledeb.	Curly dock	Polygonaceae
<i>RUMEX VENOSUS</i>	Pursh	Velvy dock	Polygonaceae
<i>SAGITTARIA CUNEATA</i>	Sheldon	Northern arrow-head	Alismataceae
<i>SALIX AMYGDALOIDES</i>	Anderss.	Peach-leaf willow	Salicaceae
<i>SALIX EXIGUA</i>	Nutt.	Sandbar willow	Salicaceae
<i>SALIX FRAGILIS</i>	L.	Crack willow	Salicaceae
<i>SALIX INTERIOR</i>	Rowlee	Sandbar Willow	Salicaceae
<i>SALIX LUTEA</i>	Nutt.	Yellow willow	Salicaceae
<i>SALSOLA AUSTRALIS</i>	R. Br.	Goosefoot	Chenopodiaceae
<i>SALSOLA COLLINA</i>	Pallas	Katune	Chenopodiaceae
<i>SALSOLA KALI</i>	L.	Russian thistle	Chenopodiaceae
<i>SALSOLA KALI</i> ssp. <i>TRAGUS</i>	(L.) Celak		Chenopodiaceae
<i>SALVIA AZUREA</i>	Michx. ex Lam.	Sage	Lamiaceae
<i>SALVIA REFLEXA</i>	Hornem.	Sage	Lamiaceae
<i>SCHEDONNARDUS PANICULATUS</i>	(Nutt.) Trel.	Tumble-grass	Poaceae
<i>SCHIZACHYRIUM SCOPARIUM</i>	(Michx.) Nash	Little bluestem	Poaceae
<i>SCHOENOPLECTUS TABERNAEMONTANI</i>	(k.C. Gmel)		Cyperaceae
<i>SECALE CEREALE</i>	L.	Rye	Poaceae
<i>SENECIO CANUS</i>	Hook.	Gray groundsel	Asteraceae
<i>SENECIO INTEGERRIMUS</i>	Nutt.	Single-stemmed groundsel	Asteraceae
<i>SENECIO PLATTENSIS</i>	Nutt.	Platte groundsel	Asteraceae
<i>SENECIO RIDDELLII</i>	Torr. & Gray	Groundsel, ragwort	Asteraceae
<i>SETARIA VIRIDIS</i>	(L.) Beauv.	Green foxtail-grass	Poaceae
<i>SHEPHERDIA ARGENTEA</i>	(Pursh) Nutt.	Buffalo-berry	Elaeagnaceae

<i>SISYMBRIUM ALTISSIMUM</i>	L.	Tumbling-mustard	Brassicaceae
<i>SISYRINCHIUM MONTANUM</i>	Greene	Blue-eyed grass	Iridaceae
<i>SMILACINA STELLATA</i>	(L.) Desf.	False Solomon's seas	Liliaceae
<i>SOLANUM INTERIUS</i>	Rydb.	Nightshade	Solanaceae
<i>SOLANUM ROSTRATUM</i>	Dunal	Buffalo-bur	Solanaceae
<i>SOLANUM TRIFLORUM</i>	Nutt.	Cut-leaved nightshade	Solanaceae
<i>SOLIDAGO CANADENSIS</i>	L.	Common goldenrod	Asteraceae
<i>SOLIDAGO CANADENSIS</i> var. <i>SCABRA</i>	Torr. & Gray	Common goldenrod	Asteraceae
<i>SOLIDAGO GIGANTEA</i>	Ait.	Smooth goldenrod	Asteraceae
<i>SOLIDAGO MISSOURIENSIS</i>	Nutt.	Missouri goldenrod	Asteraceae
<i>SOLIDAGO MOLLIS</i>	Bartl.	Velvety goldenrod	Asteraceae
<i>SOLIDAGO NEMORALIS</i>	Ait.	Gray goldenrod	Asteraceae
<i>SOLIDAGO RIGIDA</i> ssp. <i>HUMILIS</i>	(Porter) Heard & Semple	Stiff goldenrod	Asteraceae
<i>SONCHUS ASPER</i>	(L.) Hill	Prickly sow-thistle	Asteraceae
<i>SONCHUS OLERACEUS</i>	L.	Common sow-thistle	Asteraceae
<i>SORGHASTRUM NUTANS</i>	(L.) Nash	Indian grass	Poaceae
<i>SPARTINA PECTINATA</i>	Link	Prairie cord-grass	Poaceae
<i>SPHAERALCEA COCCINEA</i>	(Nutt.) Rydb.	Scarlet mallow	Malvaceae
<i>SPHENOPHOLIS OBTUSATA</i>	(Michx.) Scribn.	Wedge-grass	Poaceae
<i>SPOROBOLUS AIROIDES</i>	(Torr.) Torr.	Alkali-sacaton	Poaceae
<i>SPOROBOLUS CRYPTANDRUS</i>	(Torr.) Gray	Sand dropseed	Poaceae
<i>STELLARIA MEDIA</i>	(L.) Vill.	Common chickweed	Caryophyllaceae
<i>STEPHANOMERIA RUNCINATA</i>	Nutt.	Wire lettuce, Skeletonweed	Asteraceae
<i>STIPA COMATA</i>	Trin. & Rupr.	Needle-and-thread grass	Poaceae
<i>STIPA VIRIDULA</i>	Trin.	Green needle-grass	Poaceae
<i>SYMPHORICARPOS OCCIDENTALIS</i>	Hook.	Wolfberry	Caprifoliaceae
<i>TAMARIX RAMOSISSIMA</i>	Ledeb.	Saltcedar	Tamaricaceae

<i>TARAXACUM OFFICINALE</i>	G.H. Weber ex Wiggers	Common dandelion	Asteraceae
<i>TETRANEURIS ACAULIS</i>	(Pursh) Greene	Bitterweed	Asteraceae
<i>TEUCRIUM CANADENSE</i> var. <i>OCCIDENTALE</i>	(Gray) McClintock & Epling	American germander	Lamiaceae
<i>THELESPERMA FILIFOLIUM</i>	(Hook.) Gray	Greenthread	Asteraceae
<i>THELESPERMA MEGAPOTAMICUM</i>	(Spreng.) Kuntze	Beggar-ticks	Asteraceae
<i>THELYPIDIUM INTEGRIFOLIUM</i>	(Nutt.) Endl.	Thelypody	Brassicaceae
<i>THERMOPSIS RHOMBIFOLIA</i>	(Nutt. ex Pursh) Nutt. ex Richards.	Buckbean	Fabaceae
<i>THLASPI ARVENSE</i>	L.	Field penny-cress	Brassicaceae
<i>TOWNSENDIA GRANDIFLORA</i>	Nutt.	Easter daisy	Asteraceae
<i>TOXICODENDRON RYDBERGII</i>	(Small ex Rydb.) Greene	Western poison-ivy	Anacardiaceae
<i>TRADESCANTIA BRACTEATA</i>	Small ex Britt.	Sticky spiderwort	Commelinaceae
<i>TRADESCANTIA OCCIDENTALIS</i>	(Britton) Smyth.	Prairie spiderwort	Commelinaceae
<i>TRAGOPOGON DUBIUS</i>	Scop.	Fistulous goat's beard	Asteraceae
<i>TRIBULUS TERRESTRIS</i>	L.	Puncture-vine	Zygophyllaceae
<i>TRIGLOCHIN MARITIMUM</i>	L.	Common arrow-grass	Juncaginaceae
<i>TRITICUM AESTIVUM</i>	L.	Common wheat	Poaceae
<i>TYPHA LATIFOLIA</i>	L.	Common cat-tail	Typhaceae
<i>ULMUS AMERICANA</i>	L.	White or American elm	Ulmaceae
<i>ULMUS PUMILA</i>	L.	Elm	Ulmaceae
<i>URTICA DIOICA</i> ssp. <i>GRACILIS</i>	(Ait.) Seland.	Nettle, stinging nettle	Urticaceae
<i>VERBASCUM THAPSUS</i>	L.	Common mullein	Scrophulariaceae
<i>VERBENA BRACTEATA</i>	Lag. & Rodr.	Prostrate vervain	Verbenaceae
<i>VERBENA HASTATA</i>	L.	Common vervain	Verbenaceae
<i>VERBENA STRICTA</i>	Vent.	Hoary vervain	Verbenaceae
<i>VERONICA ANAGALLIS-AQUATICA</i>	L.	Water speedwell	Scrophulariaceae
<i>VICIA AMERICANA</i>	Muhl. ex Willd.	American vetch	Fabaceae

<i>VICIA AMERICANA</i> ssp. <i>MINOR</i>	(Hook.) C.R. Gunn	American vetch	Fabaceae
<i>VICIA VILLOSA</i>	Roth	Hairy vetch	Fabaceae
<i>VIOLA NUTTALLII</i>	Pursh	Yellow prairie violet	Violaceae
<i>VITIS RIPARIA</i>	Michx.	Frost grape, winter grape	Vitaceae
<i>VULPIA OCTOFLORA</i>	(Walt.) Rydb.	Six-weeks fescue	Poaceae
<i>WOODSIA OREGANA</i>	D.C. Eat.	Western cliff fern	Dryopteridaceae
<i>XANTHIUM STRUMARIUM</i>	L.	Common cocklebur	Asteraceae
<i>YUCCA GLAUCA</i>	Nutt.	Soap plant	Agavaceae
<i>ZIGADENUS VENENOSUS</i> var. <i>GRAMINEUS</i>	(Rydb.) Walsh ex M.E. Peck	Death camas	Liliaceae

Nomenclature follows the Natural Resource Conservation Service (NRCS) PLANTS database

Section 3

A list of families represented by
a single species

Families Represented by a Single Species, SCBL

Agavaceae			
YUCCA GLAUCA	Nutt.		Soap plant
Alismataceae			
SAGITTARIA CUNEATA	Sheldon		Northern arrow-head
Apocynaceae			
APOCYNUM CANNABINUM	L.		Hemp dogbane
Cannabaceae			
CANNABIS SATIVA	L.		Hemp, Indian hemp
Caprifoliaceae			
SYMPHORICARPOS OCCIDENTALIS	Hook.		Wolfberry
Cucurbitaceae			
ECHINOCYSTIS LOBATA	(Michx.) Torr. & Gray		Wild cucumber
Dryopteridaceae			
WOODSIA OREGANA	D.C. Eat.		Western cliff fern
Iridaceae			
SISYRINCHIUM MONTANUM	Greene		Blue-eyed grass
Juglandaceae			
JUGLANS NIGRA	L.		Black walnut
Juncaginaceae			
TRIGLOCHIN MARITIMUM	L.		Common arrow-grass
Lemnaceae			
LEMNA MINOR	L.		Lesser duckweed
Linaceae			
LINUM RIGIDUM	Pursh		Stiffstem yellow flax
Malvaceae			
SPHAERALCEA COCCINEA	(Nutt.) Rydb.		Scarlet mallow
Oleaceae			
FRAXINUS PENNSYLVANICA	Marsh.		Ash

Section 4

A list of rare species

Rare Species, Scott's Bluff NM

Species	Authority	Common name	Identified by	State Status	Federal Status
ASTRAGALUS PECTINATUS	Nutt. ex T. & G.	Platte River milk vetch	Rolfsmeier, 1996	S2, Imperiled	NL
CHRYSOETHAMNUS PARRYI	(Parr ex Gray) Hall & Clements	Rabbit brush	Rolfsmeier, 1996	S1, Critically imperiled	NL
ssp. HOWARDII				S?, Status undetermined	NL
ERIOGONUM CERNUUM	Nutt.		Rydberg, 1891	S?, Status undetermined	NL
FRITILLARIA					
ATROPURPUREA	Nutt.	Leopard lily	Rolfsmeier, 1996	S2, Imperiled	NL
LAPPULA CENCHRUSOIDES	A. Nels.	Stickseed, beggar's lice	Rolfsmeier, 1996	S1, Critically imperiled	NL
LEPTODACTYLON					
CAESPITOSUM	Nutt.	Polemonium	Rolfsmeier, 1996	S1, Critically imperiled	NL
LOMATIUM NUTTALLII	(Gray) J.F. Macbr.	Dog parsley	Rolfsmeier, 1996	S1, Critically imperiled	NL
MENTZELIA ALBICAULIS	(Hook.) T & G.		Rydberg, 1891	S?, Status undetermined	NL
PARONYCHIA					
SESSILIFLORA	Nutt.	naillwort	Rolfsmeier, 1996	S2, Imperiled	NL
PHACELIA HASTATA var.	(Dougl. ex Lehm.) (Torr.) Cronq.		Rolfsmeier, 1996	S2, Imperiled	NL
LEUCOPHYLLA					
PHYSARIA BRASSICOIDES	Rydb.	Double bladderpod	Rolfsmeier, 1996	S1, Critically imperiled	NL
STEPHANOMERIA		Wire lettuce,		S?, Status undetermined	NL
RUNCINATA	Nutt.	Skeletonweed	Rolfsmeier, 1996	undetermined	NL

*Nomenclature follows the NRCS PLANTS database.

Section 5

Nomenclature updates for previous
floristic surveys

Nomenclatural changes for:

Vascular Plants of SCBL, 1996
by Steve Rolfsmeier

Synonymy according to:

NRCS, PLANTS

<u>Previous Name</u>	<u>New Name</u>
<i>Agropyron repens</i>	<i>Elytrigia repens</i>
<i>Agropyron elongatum</i>	<i>Elytrigia elongatum</i>
<i>Agropyron smithii</i>	<i>Pascopyrum smithii</i>
<i>Heterotheca horrida</i>	<i>Heterotheca villosa</i> var. <i>horrida</i>
<i>Iva axillaris</i> var. <i>robustior</i>	<i>Iva axillaris</i>
<i>Elymus elongatum</i>	<i>Elytrigia elongata</i>
<i>Elymus hispidus</i>	<i>Elytrigia intermedia</i>
<i>Elymus repens</i>	<i>Elytrigia repens</i> var. <i>repens</i>
<i>Elymus smithii</i>	<i>Pascopyrum smithii</i>
<i>Hymenoxys acaulis</i>	<i>Tetranneuris acaulis</i>
<i>Lappula texana</i>	<i>Lappula occidentalis</i> var. <i>cupulata</i>
<i>Microseris cuspidata</i>	<i>Nothocalais cuspidata</i>
<i>Psoralea lanceolata</i>	<i>Psoralidium lanceolatum</i>
<i>Psoralea tenuiflora</i>	<i>Psoralidium tenuiflora</i>
<i>Rhus aromatica</i> var. <i>trilobata</i>	<i>Rhus trilobata</i> var. <i>trilobata</i>
<i>Senecio integerrimus</i> var. <i>integerrimus</i>	<i>Senecio integerrimus</i>
<i>Oenothera caespitosa</i> ssp. <i>caespitosa</i>	<i>Oenothera caespitosa</i>
<i>Plantago patagonica</i> var. <i>patagonica</i>	<i>Plantago patagonica</i>
<i>Avena fatua</i> var. <i>fatua</i>	<i>Avena fatua</i>
<i>Avena fatua</i> var. <i>sativa</i>	<i>Avena sativa</i>
<i>Sphenopholis obtusata</i> var. <i>obtusata</i>	<i>Sphenopholis obtusata</i>
<i>Rumex patientia</i> ssp. <i>patientia</i>	<i>Rumex patientia</i>

Nomenclatural changes for:

An Assessment of Prairie Restoration Areas in Relation to Native Vegetation, 1996
and

An Assessment of Exotic Plants at EFMO & SCBL, 1994
by Julie Stumpf

Synonymy according to:

NRCS, PLANTS

Previous Name

Agropyron repens
Agropyron smithii
Agropyron trachycaulum
Aristida longiseta
Koeleria pyramidata
Lycium halimifolium
Salsola iberica
Sitanion hystrix
Elymus elongatum
Elymus junceus
Elymus repens
Elymus smithii
Psoralea tenuiflora

New Name

Elytrigia repens
Pascopyrum smithii
Elymus trachycaulus ssp. *Trachycaulus*
Aristida purpurea var. *longiseta*
Koeleria macrantha
Lycium barbarum
Salsola kali ssp. *tragus*
Elymus elymoides ssp. *elymoides*
Elytrigia elongata
Psathyrostachys juncea
Elytrigia repens var. *repens*
Pascopyrum smithii
Psoralidium tenuiflorum

Section 6

Botanical surveys related
to the park

Author(s): Nebraska Statewide Arboretum

Title: Common and Scientific Names of Nebraska Plants. Publication 101.

Date: 1982

Data Summary: Species list for NE arranged by family with common name, authority.

Nomenclature: unknown

Botanical effort:

Voucher specimens: N/A

Author(s): NPS (Curator, Dean Knudson, SCBL)

Title: SCBL Herbarium Database

Date: 1996

Data Summary: Collection number, scientific name, common name. Prairie plant lists used for restoration seed source at HOME.

Nomenclature: unknown

Botanical effort:

Voucher specimens: SCBL

Author(s): Rolfsmeier, Steve

Title: Plant Community Key

Date: 1995

Data Summary: Key to plant communities. Community descriptions with diagnostic species and vegetation description.

Nomenclature: Flora of the Great Plains

Botanical effort:

Voucher specimens: N/A

Author(s): Rolfsmeier, Steve

Title: A Preliminary List of the Vascular Plants of SCBL

Date: 1996

Data Summary: Species list with authority, synonymy, common name and brief habitat description.

Nomenclature: Flora of the Great Plains

Botanical effort:

Voucher specimens: SCBL

Author(s): Rydberg, P.A.

Title: Flora of the Sand Hills of Nebraska

Date: 1895

Data Summary:

Nomenclature: unknown

Botanical effort: unknown

Voucher specimens: unknown

Author(s): Rydberg, P.A. (Ed. Walter Kienert)

Title: Report of a Botanical Exploration, Made in Western NE in the Summer of 1891.

Date: 1951

Data Summary: Historic plant community descriptions, weedy/problematic species, historic land use patterns.

Nomenclature: unknown

Botanical effort:

Voucher specimens: unknown

Author(s): Stubbendieck J., J. Stumpf; C.H. Butterfield

Title: As Assessment of Exotic Plants at SCBL and EFMO

Date: 1994

Data Summary: List of exotic species for the parks including current level of impact.

Nomenclature: Flora of the Great Plains

Botanical effort: Two inventory efforts in 1993, one in spring of 1994

Voucher specimens: no collection

Author(s): Stubbendieck, J., C.H Butterfield, T.R. Flessner

Title: An Assessment of Exotic Plants Within the Great Plains Parks of the MWR

Date: 1992

Data Summary: Exotic plant species list. Ranking of exotic species at PIPE & WICR using ESRs. Abstracts of highly disruptive species.

Nomenclature: Flora of the Great Plains

Botanical effort: Species list were compiled from existing floras. Parks visited at least once, summer 1989.

Voucher specimens: no collection

Author(s): Stumpf, Julie

Title: An Assessment of Prairie Restoration Areas in Relation to Native Vegetation

Date: 1996

Data Summary: Species list per sample unit, principle components analysis on community types.

Nomenclature: Flora of the Great Plains

Botanical effort: SCBL = Aug 16-18, 1993 & 94. AGFO = Aug 9-12, 1993 & 94

Voucher specimens: no collection