

Annotated Checklist and Database for Vascular Plants of the Jemez Mountains

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Abstract

Studies done in the last 40 years have provided information to construct a checklist of plants of the Jemez Mountains. The present data base and checklist builds on the basic list compiled by Teralene Foxx and Gail Tierney in the early 1980s. The checklist is annotated with taxonomic information, geographic and biological information, economic uses, wildlife cover, revegetation potential, and ethnographic uses. There are nearly 1000 species that have been noted for the Jemez Mountains. This list is cross-referenced with the USDA Natural Resource Conservation Service PLANTS data base species names and acronyms.

1.0 About the Checklist

In 1984, a list of species for the Jemez Mountains was constructed using survey data from information gathered by Foxx and/or Tierney (Foxx 1982; Tierney 1977; Tierney 1979; Foxx and Tierney 1980, 1982, 1984; Tierney and Foxx 1982; Foxx and Potter 1978; Potter and Foxx 1979, 1981, Potter, Foxx, and Barnes 1983) supplemented by information about collections from master's theses by Housley (1974), Koehler (1974), Osborne (1966), Robertson (1968), and Yarnell (1958) (section 5.3 of the reference list). The original survey included a literature survey of collections by private industry (Pilz et al. 1979, Whitford and Ludwig 1979; section 5.2 of references), the National Park Services (NPS) studies (Potter 1981), and habitat typing studies (Barnes 1982, Moir and Ludwig 1979). Additionally, unpublished information concerning collections made by Los Alamos National Laboratory (LANL) staff (Miera 1976) and research at Bandelier National Monument was included.

This report provides a single listing of all collections from the Jemez Mountains, including the Pajarito Plateau, Sierra del Los Valles, Valles Caldera, and portions of the Jemez west of the caldera. The floristic studies were conducted within an area bound on the south by Cochiti Canyon, on the north by Garcia Canyon, on the east by the Rio Grande, and by the Jemez River on the west (Figure 1).

Studies prior to 1985 provided the baseline information incorporated into the original checklist. Since 1985, a number of studies have been conducted at LANL, Bandelier National Monument, and within the National Forests. Each study has added to our knowledge of the presence and distribution of the species. Studies are noted in sections 5.2, 5.3, and 5.4 of the reference list. Of note are studies by Allen (1984, 1989), Jacobs (1989), and Foxx and Hoard (1984, 1995).

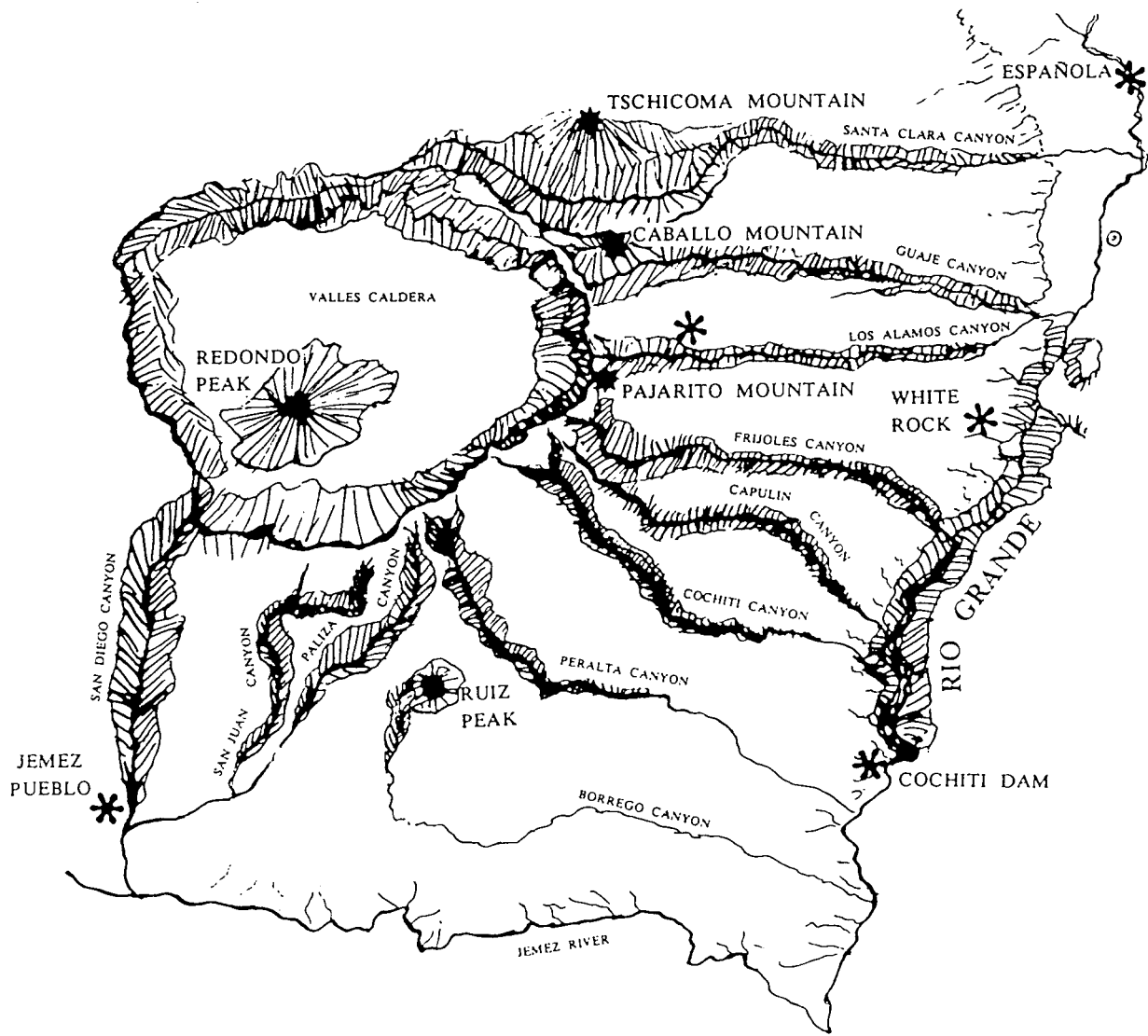


Figure 1. The Checklist Area.

In 1994, we began to update and annotate the checklist with further information. Most additional information came from *Plant Information Network: Data base* publication by Dittberner and Olson (1983). Although this publication references Colorado, Montana, Wyoming, Utah, and Arizona, we believe most of the information is pertinent to New Mexico. This publication provides specific information as to the biological, ecological, and human environment as related to plant species. In addition to this publication we have researched information from the references that can be found in the sections 5.6 and 5.7 of the reference list. To determine potential use of plants by various cultures in the area, we searched ethnobotanies and ethnographic literature for plant usage. The references used are under Ethnographic Literature in section 5.7 of the reference list. Wetland information was based on the *National List of Plant Species That Occur in Wetlands: New Mexico* (Reed 1988). Wetland references are found in section 5.5 of the reference list.

Each species was then searched in one of several floras including the following: Martin and Hutchins 1981, McDougall 1973, Benson 1977, Hitchcock 1971, Kearney and Peebles 1969, Correll and Johnston 1970, Harrington 1970, Gould 1977, Dittmer et al. 1954, and Allred 1982. Other botanical publications that provided information for the checklist are in section 5.2 of the reference list. Synonyms, habitat, habit, and blooming times were noted. In cases of conflicting information, *A Flora of New Mexico* by Martin and Hutchins (1980), the most recent and comprehensive text for the area, was used

for the final authority on habitat, habit, and blooming times. Scientific names (nomenclature) found in the current Natural Resource Conservation Service (NRCS) PLANTS data base was used for a national standard or provides accurate translators to names as a cross-walk. PLANTS is a component of the evolving Interagency Taxonomic Information System (ITIS). The most current copy was obtained from the internet (<http://www.plants.usda.gov/plants>).

We have attached in Appendix A the references used in Dittberner and Olson (1983). These references provided the basis for the information they included in their data base and on which we have built the annotation of this checklist.

2.0 Description of the Area

2.1 Geographic and Geologic Setting

The Jemez Mountains are located in north-central New Mexico (Figure 2) and rise as a large volcanic landmass at the southern end of the Rocky Mountains. The mountains are a remnant of a massive volcano that erupted 1.4 to 1.1 million years ago. They lie astride the western fault margin of the Rio Grande rift, an 800-km-long (480 mi) intracontinental rift zone that extends southward from southern Colorado through New Mexico. Ash from the eruptions laid down 300 m (985 ft) of welded and nonwelded tuff on the eastern flanks called the Pajarito Plateau and on the western flanks, the Jemez Plateau. Los Alamos National Laboratory (LANL) is located on the Pajarito Plateau, which is dissected into a series of east- to southeast-trending narrow mesas, separated by deeply incised canyons (Burton 1982, Allen 1989).



Figure 2. Location of the Jemez Mountains in north-central New Mexico. (Photo courtesy of Coors)

The prominent landforms of the Jemez Mountains include two central calderas (Valle Grande and Valle Toledo), domes within the calderas, and the mountainous remnants of the collapsed volcano (the Sierra del Los Valles), eastern and western plateau skirting the mountain (Pajarito and Jemez Plateaus), and White Rock Canyon through which the Rio Grande flows. The rim of the volcano has nine peaks including Cerro Grande, Pajarito Mountain, Tschicoma Peak, and Caballo Mountain. The tops of the mountains range from 2895 m (9500 ft) to over 3353 m (11,000 ft) in elevation. The highest peak being Tschicoma at 3,526 m (11,636 ft) (Burton 1982, Allen 1989) (Figure 3).

Los Alamos County lies on the eastern flanks of the mountain. Land ownership within the county includes LANL, which comprises 43 square miles (11,218 ha), the communities of Los Alamos and White Rock, and Santa Fe National Forest. The remainder of the Jemez area is within Sandoval County. Land ownership includes lands of the Santa Fe National Forest and private holdings such as the Baca Location.

The Pajarito Plateau is dissected into canyons and mesas. Only the upper reaches of the canyons have permanent water sources. Streams such as Frijoles Creek within Bandelier National Monument are perennial. However, most streams are ephemeral, flowing during spring snowmelt and during heavy rainstorms in the summer months. Springs and seeps can be found in the canyons and White Rock Canyon. Within the caldera and flowing through the mountains is the Jemez River. These water-rich areas in an otherwise semiarid environment often have a different and specific flora. Species such as helleborine orchid (*Epipactis gigantea*) are

species of concern or others such as the cardinal lobelia (*Lobelia cardinalis*) are of local concern.

2.2 Climate

The area has a temperate mountain climate with four distinct seasons. Springs are dry and windy; summers, warm and often dry in June followed by a rainy season in July and August. July is the warmest month with an average daily high of 27.2 °C (81 °F) and an average daily low of 12.8 °C (55 °F). January is the coldest month with temperature ranges of a daily high of 4.4 °C (40 °F) to a low of -8.3 °C (17 °F). There is solar heating during the day and rapid radiant cooling at night. The average annual precipitation is 17.6 cm (18.7 in.). Lower elevations near the Rio Grande receive 13 cm (5.1 in.) less and the higher elevations may receive 13 cm (5.1 in.) more. The peak rainfall months are July and August. Most of the winter precipitation falls as snow with an average of 150 cm (59 in.). (Bowen 1990, 1992, Environmental Surveillance Report 1994).

2.3 Vegetation Cover and Community Types

Mapping and classification of the Jemez Mountains has been done by the US Forest Service for the Santa Fe National Forest (Moir 1979), by Allen (1989) for Bandelier National Monument, and by Koch et al. (1996) and Foxx et al. (1996) for Los Alamos County. The major cover classes include Mixed Conifer, Ponderosa Pine, Aspen, Pinon-Juniper woodlands, Juniper woodlands, Grasslands, and Shrublands. Within canyons and along streams there are riparian zones and wetlands, both forested and emergent, with small and unique habitats such as felsenmeers and springs.

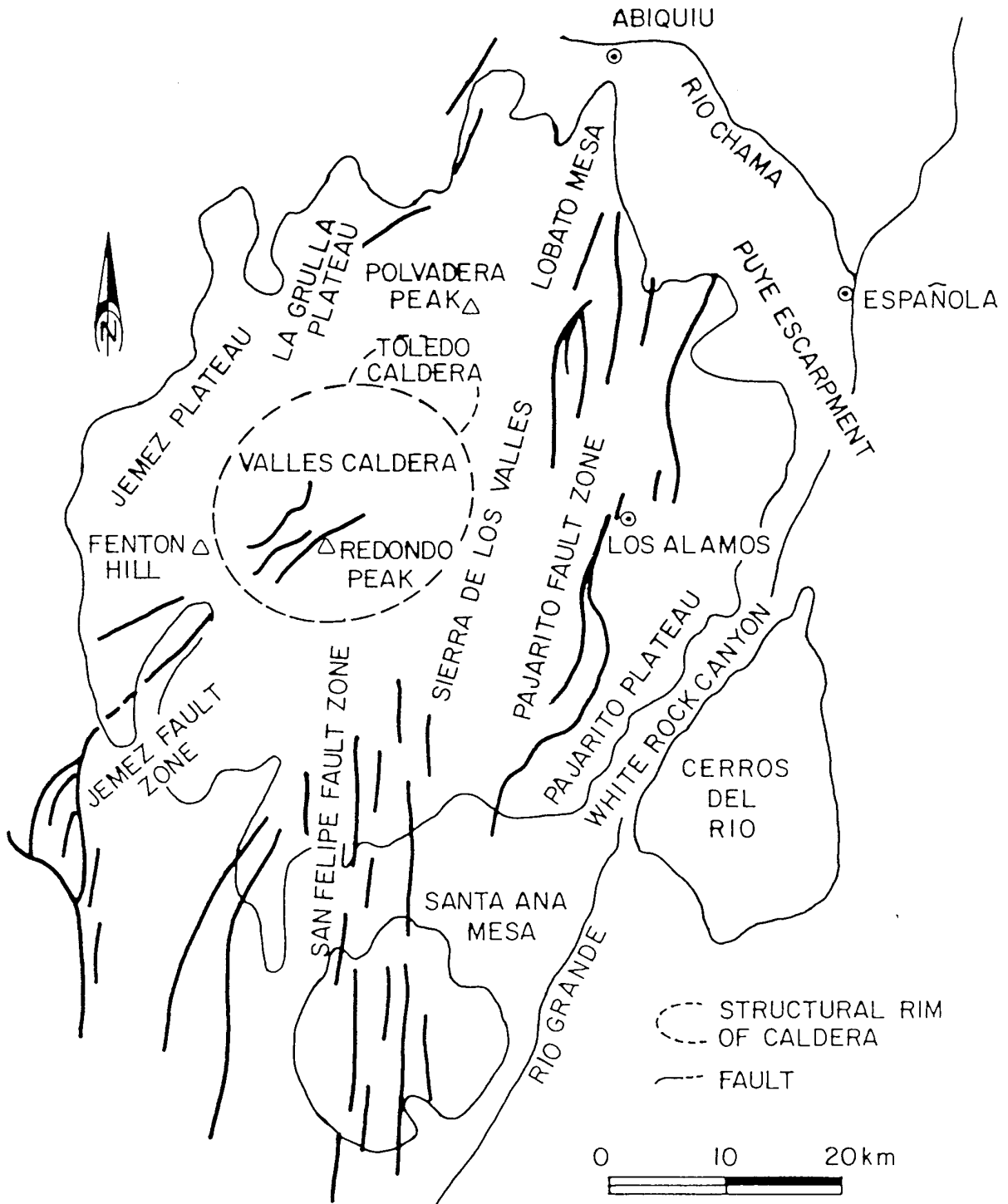


Figure 3. Generalized map of the Jemez Mountains.

3.0 Checklist arrangement

As a data base this checklist can be sorted by various attributes. For the purpose of this publication, the checklist is arranged alphabetically by taxonomic genus and species. To provide a visual example, we have printed out the complete file for nomenclature and just the first page of each of the other categories that make up this lengthy data base. Each category is an Excel 5 spread sheet with specific fields and information. We have supplied a complete listing of species of the Jemez Mountains by genus and species for the purpose of this report (Appendix A). For each other category we have pulled out a representative sheet. These representative sheets are found in Appendix B. In the heading of each sheet we have given a reference citation that refers to the reference list at the end of this paper.

In this section we describe the categories and the attributes of each category.

3.1 Nomenclature

1. *Species Name:* Species names are denoted by a generic name and a species designation. In some cases varieties or subspecies may be included. Species names are consistent with Martin and Hutchins (1980).

2. *Species Name NRCS PLANTS:* The NRCS PLANTS name or synonymy is included in a separate field. The NRCS name is part of the Interagency Taxonomic Information System (ITIS) and is the taxonomy used in this national standard. It may or may not correspond to the information in *Flora of New Mexico* and older texts. To reduce confusion about synonymy, we have included the NRCS name in a separate field.

This allows the name to be cross-walked to the information in the present text delineating New Mexico flora.

3. *Acronyms:* We have included the acronyms for the plants found in the Jemez Mountains. The standard protocol is to use the first 2 letters of the species name and the first 2 letters of the species designation. To standardize these acronyms we have used the NRCS designations.

3.2 Common Names

1. *Common name:* The common name of the plant represents one or more names commonly found in botanical texts for the area. Common names may differ from source to source and region to region. Therefore, we have included as many common names as was reasonable. Many references in section 5.1 of the reference list have been searched for common names.

2. *Synonyms:* These are a series of discarded scientific names for various plants. Depending on the text, they may or may not still be in common usage. Synonyms given by Harrington (1954), Martin and Hutchins (1980), and Allred (1982) are included. No attempt has been made to determine validity of the synonyms.

3.3 Occurrence

Information in this category includes occurrence, blooming times, and habit.

1. *Occurrence.* The occurrence of a plant species is based on general observations, not precise quantitative data included in Foxx and Tierney (1985). If the collector was other than the authors, the reference is cited. Herbarium

specimens collected by Ora M. Clark are designated as being in the herbarium at Bandelier National Monument.

The following scheme was used to designate place occurrence.

- **ubiquitous**—Taxa occurring in a variety of habitats and communities.
- **common**—Taxa found extensively in one or two habitats or communities.
- **locally common**—Taxa found in clumps or patches within various habitats or communities but not distributed throughout the area.
- **not common**—Taxa not found extensively in various habitats or communities.
- **rare**—Only a few specimens occurring in isolated pockets in specific habitats. In many cases if the habitat was destroyed, the plant would disappear from the area.

2. **Blooms.** Contains information on the season(s) in which the plant blooms.

3. **Habit.** This category contains information about the growth form and outward appearance of the plant. This is known as the Habit. Information was taken from Martin and Hutchins (1980) and other references in section 5.2 of the reference list.

- **tree**—A woody plant that usually produces one main trunk or bole and a more or less distinct and elevated head.
- **shrub-tree**—A plant whose growth form may be either that of a shrub or a tree.

- **shrub**—A woody plant that remains low and produces several shoots or trunks from the base.
- **liana**—A woody plant with elongate, flexible, non-self-supporting stems.
- **vine**—A nonwoody plant with elongate, flexible, non-self-supporting stems.
- **perennial forb**—A nonwoody plant with self-supporting stem whose aboveground parts die each year and is not grasslike. Includes half-shrubs, or plants woody only at the base.
- **perennial grass**—Nonwoody plants belonging to the grass, sedge, or rush families.

3.4 Roots, Economic, and Old Field

The attributes of a plant that pertain to its own life processes are identified as biological (Dittberner and Olson 1983). Specific information was primarily taken from Dittberner and Olson (1983).

In this roots section there are three biological elements:

- 1) the mycorrhizal nature of the plant,
- 2) the ability of the plant to form nodules, and
- 3) the ability of the plant to fix nitrogen.

1. Mycorrhizal Relationships. The nature of the relationship of a plant to a mycorrhizal association. All plants listed as being mycorrhizal have been cited in the literature as such. It should be recognized that most plants are considered to be mycorrhizal, but published reports are available for only a few at the present time.

- **endomycorrhizal**—Mycorrhizal association having a loose network of fungal hyphae enclosing the root and intracellular hyphae penetrating the cortical cells of the root.
- **ectomycorrhizal**—Mycorrhizal association having a dense fungal sheath enclosing the root and intercellular hyphae penetrating the root cortex.
- **ectendomycorrhizal**—Mycorrhizal association having a dense fungal sheath enclosing the root and both inter- and intracellular hyphae penetrating the root cortex.
- **endo/ecto**—Refers to plants reported as being both endomycorrhizal and ectomycorrhizal.
- **ecto/ectendo**—Refers to plants reported as being both ectomycorrhizal and ectendomycorrhizal.
- **nonmycorrhizal**—Refers either to plants that have been examined for mycorrhizae with none found or plants that occur in families considered to be classically nonmycorrhizal (Aizoaceae, Amaranthaceae, Brassicaceae, Cruciferae, Caryophyllaceae, Chenopodiaceae, Commelinaceae, Cyperaceae, Fumariaceae, Juncaceae, Nyctaginaceae, Polygonaceae, and Urticaceae). Thus, the plants are probably nonmycorrhizal, although exceptions may be found in the future.

2. **Nodule Forming.** Occurrence of root nodules on a plant's roots.

- **reported**—Reported as nodule forming by observations or in the literature.
- **possible**—May form root nodules but no literature citation has been found.
- **no**—Reported as not nodule forming in the literature.

3. **Nitrogen Fixing.** A plant that can assimilate and fix the free nitrogen of the atmosphere with aid of microorganisms.

- **yes**—Plant fixes nitrogen, as reported in the literature.
- **maybe**—The plant may fix nitrogen, but has not been reported as such in the literature.
- **no**—Plant is known not to fix nitrogen.

This category also contains information about the biology or life processes of plants and economic information including whether or not the plant can produce hayfever, is edible, or is considered a weed.

There are three economic fields:

- 1) Does the plant produce hayfever?
- 2) Is the plant edible?
- 3) Is the plant considered a weed?



4. Hayfever Causing. The plant induces a hayfever response in humans.

- **yes**—The plant is reported in the literature as causing hayfever.
- **maybe**—The plant is reported to possibly cause a hayfever response; it is thought to cause hayfever but is not yet proven.
- **no**—The plant is known to be definitely not hayfever causing in any circumstances and is reported so in the literature.

5. Edible. A plant that can be eaten as food by humans.

- **yes**—One or more parts of the plant are edible.
- **yes-qualified**—The plant is edible only after a specific preparation or in certain seasons. User should consult expert.
- **no**—The plant is not edible but not poisonous.
- **poisonous**—The plant contains a toxic substance or a potential toxic substance that would prove harmful if ingested.

6. Weediness. A plant considered undesirable or troublesome, especially one that has growth where it is not wanted. Each plant is scored only once in the order of precedence below. Most of the information was taken from Dittberner and Olson 1983.

- **noxious**—A plant that is listed on official noxious weed seed lists of Colorado, Montana, North Dakota, Utah, or Wyoming.

- **economic**—A plant whose growth and reproduction cause economic loss and has priority over colonizing.
- **colonizing**—A plant that has attributes enabling it to become easily established in areas of environmental disturbance or where it is not wanted.
- **non-weedy**—A plant that is not a weed.

7. Old Fields, Old Field References, and Old Field Comments. These categories contain information about plants and old field disturbance. Various references were used and are noted under Indicator Plants (5.6 in the reference list).

3.5 Wetlands and Disturbance

1 and 2. National Wetland List and National Wetland List (Reed 1988).

The information about plant species that occur in this category was compared with the *National List of Plant Species that Occur in Wetlands: New Mexico* (Reed 1988) (Column 2). This list was developed to provide an appendix to the *Classification of Wetlands and Deepwater Habitats of the United States* (Cowardin et al. 1979). Column 1 represents information from *National List of Plant Species that Occur in Wetlands* (Reed 1988). Information on the *National List* is sometimes slightly different than the listing for New Mexico. The plant species that occur in wetlands as used in the *National List* are defined as species that have environment where all or portions of the soil within the root zone become, periodically or continuously, saturated or inundated during the growing season (Reed 1988).

The following Indicator Categories are used in these first two columns.

- **obligate wetland (OBL)**—Occur almost always (estimated probability > 99%) under natural conditions in wetlands.
- **facultative wetland (FACW)**—Usually occur in wetlands (estimated probability 67%–99%), but occasionally found in nonwetlands.
- **facultative (FAC)**—Equally likely to occur in wetlands or nonwetlands (estimated probability 34%–66%).
- **facultative upland (FACU)**—Usually occur in nonwetlands (estimated probability 67%–99%), but occasionally found in wetlands (estimated probability 1%–33%).
- **obligate upland (UPL)**—Occur in wetlands in other regions, but occur almost always (estimated probability >99%) under natural conditions in nonwetlands in any region, it is not on the National List.

3. Disturbed Sites. This is information about the presence of a plant in a disturbed site such as along roadsides, in burned areas, and on waste sites.

4. Disturbance References. This category represent a reference that indicates the type of disturbance. Various references were used for this section and are noted in section 5.7 of the reference list.

5. Comments on Disturbed Sites Growth.

This category indicates the ability of a plant to grow on a disturbed site.

3.6 Fire and Flood

This category represents information about plants that are characteristically found after fire or flood disturbances.

- Associated with Fire
- Fire Reference
- Fire Comments
- Flooded Areas
- Flood References
- Flood Comments

3.7 Habitat

1. Habitat. This term is used to identify topographic position, soils, and communities where the plant was found. If the collector was other than those at LANL, Martin and Hutchins (1980) was consulted for habitat placement. The fields are taken from Foxx and Tierney (1984) and are not yet consistent with the cover types and community types included in Koch (1996) and Foxx and Balice (1996). However, most of the habitats can be cross-walked to these types.

2. and 3. Elevation. The elevational range given is an indication where the plant had been collected by Foxx and/or Tierney and during surveys done since 1980. If the collector was other than from LANL, Martin and Hutchins (1980) was consulted for the elevational range. This allows for sorting by elevation (e.g., 5400 ft or 6000 ft).

3.8 Revegetation

This category gives information on the potential for species to be used in revegetation. Much of the information in this category was taken from Dittberner and Olson (1983).

1. Potential Biomass Production. The relative genetic ability of a plant to produce plant material by weight on an annual basis compared to other members of the same life form.

- **high**—A plant possesses ability to produce a greater yield of dry plant material than most other species of the same life form. Examples of high producing species of different life forms are big bluestem (*Andropogon gerardii*), smooth brome (*Bromus inermis*), alfalfa (*Medicago sativa*), yellow sweetclover (*Melilotus officinalis*), big sagebrush (*Artemisia tridentata*), and Engelmann spruce (*Picea engelmannii*).
- **medium**—A plant produces an average yield of dry plant material as compared to other species of the same life form. Examples of medium producing species of different life forms are timothy (*Phleum pratense*), Kentucky bluegrass (*Poa pratensis*), common sunflower (*Helianthus annuus*) limber pine (*Pinus flexilis*), and boxelder (*Acer negundo*).
- **low**—A plant produces a low yield of dry plant material as compared to other species of the same life form. Examples of low producing species of different life forms are cheatgrass (*Bromus tectorum*),

northern bedstraw (*Galium boreale*), broom snakeweed (*Gutierrezia sarothrae*), and bearberry (*Arctostaphylos uva-ursi*).

- **very low**—A plant produces a very low yield of dry plant material as compared to other species of the same life form. Examples of very low producing species of different life forms are ring muhly (*Muhlenbergia torreyi*), harebell (*Campanula rotundifolia*), and cushion coryphantha (*Coryphantha vivipara*).

2, 3, and 4. Gentle, Moderate, and Steep Slopes. These categories represent the ability of a plant to grow on different degrees of slope from gentle to steep. The major reference is from Dittberner and Olson (1983), most specifically for Colorado.

5. Erosion Control Potential. A plant that commonly exhibits growth habit, plant structure, biomass and/or root system that has the potential to reduce soil erosion in the area. The major reference is Dittberner and Olson, (1983), Colorado.

- **high**—A plant that has aggressive growth habits, persistent plant structure, high potential biomass, and/or a good soil-binding root-rhizome-runner system in established stands.
- **medium**—A plant that has moderately aggressive growth, moderately persistent plant structure, moderately potential biomass, and/or a moderate soil-binding root-rhizome-runner system in established stands.

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- **low**—A plant that has poor growth, persistence, biomass, and/or a soil-binding root system that makes it generally inadequate for erosion control.

6. Establishment Requirements. The relative extent of cultural practices that must be employed to ensure a successful planting of the species on sites to which it is adapted in the area.

- **high**—Species requires elaborate or intensive cultural practices (e.g., irrigation, special seed treatments, containerized seedlings).
- **medium**—Species requires standard tillage practices or special cultural practices of short duration (e.g., plowing and/or discing and drilling).
- **low**—Species requires only minimal cultural practices (e.g., pioneer or invader species).

7. Short-term Revegetation Potential. The ability of a plant to become quickly established and exhibit rapid growth within 1 to 3 years (includes annuals).

- **high**—A plant demonstrates rapid growth, good cover, and good reproduction.
- **medium**—A plant demonstrates moderately rapid growth, fair cover, and fair reproduction.
- **low**—A plant demonstrates slow growth, poor cover, and poor reproduction.

8. Long-term Revegetation Potential. The ability of a plant to become established and persist over a period of more than 3 years in Colorado, Montana, North Dakota, Utah, or Wyoming.

- **high**—A plant demonstrates good growth, cover, reproduction, and stand maintenance characteristics.
- **medium**—A plant demonstrates fair growth, cover, reproduction, and stand maintenance characteristics.
- **low**—A plant demonstrates poor growth, cover, reproduction, and stand maintenance.

3.9 Origins and Biological Information

The biological and origins information was taken from Foxx and Tierney (1985), Martin and Hutchins (1980), and Dittberner and Olson (1983).

1. Origin. A determination if a plant has been introduced.

- **native**—A plant is in a natural part of the flora.
- **introduced**—A plant has been introduced into the environment by man or animals.

2. Reproduction Type. The sexual or asexual process by which a plant generates others of the same kind.

- **sexual**—The plant reproduces by pollination and fertilization.

- **vegetative**—All cases where structures such as bulbil, tuber stolons, and rhizomes, which are normally accessory means of reproduction, take over the whole reproductive processes of a plant.
- **apomictic**—The plant has a type of reproduction that results in the formation of seeds and embryos by a nonsexual process.
- **vegetative-sexual**—The plant reproduces vegetatively and sexually.
- **sexual-apomictic**—The plant reproduces sexually and apomictically.
- **vegetative-sexual-apomictic**—The plant reproduces vegetatively, sexually, and apomictically.
- **vegetative-apomictic**—The plant reproduces vegetatively and apomictically.

3. Carbon Dioxide Fixation. The biochemical and physiological mechanism associated with the incorporation of CO₂ and its ultimate conversion into carbohydrates.

- **C3**—The plant uses a pathway where the first step in CO₂ fixation involves the formation of three-carbon compounds, the stomata are opened, and CO₂ fixation is in the daylight.
- **C4**—The plant uses a pathway where the first step in CO₂ fixation involves the formation of four-carbon compounds, the stomata are open, and CO₂ is fixed in the daylight.

- **CAM (crassulaceous acid metabolism)**—The plant uses a pathway where the first step in CO₂ fixation involves the formation of four-carbon compounds, the stomata are open, and CO₂ is fixed in the dark.
- **other**—The plant uses other types of pathway (e.g., is intermediate between C₃ and C₄ plants).
- **none**—The plant does not fix carbon dioxide (i.e., nongreen parasitic or saprophytic plants).

4. Trophic Status. A plant's method of nutrient procurement.

- **autotrophic**—The plant is capable of self-nutrition; can use carbon, nitrogen, and sulfur in organic combinations and obtain energy from the sunlight.
- **parasitic**—The plant lives on and/or in other living organisms and obtains some or all of its nutrients from the host.
- **saprophytic**—The plant lives on and/or in dead organic material and obtains nutrients from it.
- **symbiotic**—The plant lives in close association with another plant and the symbiots derive nutritional requirements from each other.

5, 6, and 7. Anthesis. This is the time of flowering for angiosperms, or pollination for gymnosperms. Most of this information was obtained from herbarium specimens and major floras for the areas. This information was taken from Dittberner and Olson (1983) primarily for Colorado.

3.10 Soils

Growth on Soils. The relative ability of a plant to show the full development of all phases of its growth potential on a particular soil texture or soil type where the plant normally occurs in Colorado, Montana, North Dakota, Utah, or Wyoming. This information was obtained from Dittberner and Olson (1983).

- **good**—The plant is highly adapted to growth on a particular soil texture or soil type.
- **fair**—The plant is moderately adapted to growth on a particular soil texture or soil type.
- **poor**—The plant shows little or no adaptability to growth on a particular soil texture or soil type.

3.11 Wildlife

This file contains information about the cover and food value of some of the species. This information was obtained from Dittberner and Olson (1983), primarily for Colorado.

Cover Value. The degree to which a plant provides environmental protection (i.e., thermal, nesting, brooding, or feeding cover) during one or more seasons for wildlife species.

- **good**—A plant is readily utilized for cover when available.
- **fair**—A plant is moderately utilized for cover when available.

- **poor**—A plant is rarely or never utilized for cover when available.

3.12 Ethnographic Information

The ethnographic information has been taken from a variety of ethnologies produced in the early 1900s. Each ethnography was searched and the information was included in five separate files. The various references used are noted under 5.7 of the reference list.

- Native American Tribal Uses
- Medicines and Dyes
- Construction and Weapons
- Household Use and Poisons
- Ceremonial Uses and Food



4.0 Acknowledgments

A checklist of this extent requires many years of data and information. The early studies were done by myself and Gail Tierney. We hiked many miles and spent many hours in the herbarium. Those botanists who came before us gave us a basis on which to work. Those studies that came after have added to our knowledge.

The studies that have been done in the past 8 years were carried out by a variety of students and staff within the Ecology Group. Each person on the field teams, too many to cite and remember now, were essential to gathering the information needed for this checklist.

This checklist has thousands of names and has required many hours of checking spellings, synonymy, and references. To the students that spent some time doing this task in the last 5 years, we also express our thanks. One of the students was Leland Pierce, who spent many hours entering new information into a data base. And, of course, the editor and compositor cannot be forgotten. For, without them, these types of publications would not come to fruition. To them, I express my thanks.

Such a checklist and data base is continually evolving. We hope that this iteration adds to the knowledge of the area and provides a base on which to continue to build.

Terelane S. Foxx

5.0 References

5.0 General References

1. Dittberner 1983: P.L. Dittberner and M.R. Olson, "The Plant Information Network (PIN) Data Base: Colorado, Montana, North Dakota, Utah, and Wyoming," Western Energy and Land Use Team, Division of Biological Services, Research and Development, Fish and Wildlife Service, U. S. Department of the Interior, Washinton, D. 20240. FWS/OBS-83/36, December 1983.
2. Foxx 1985: T.S. Foxx and G.D. Tierney, "Status of the Flora of the National Environmental Research Park," Los Alamos National Laboratory report LA-8050-NERP.
3. Bowen 1990: B.M. Bowen, "Los Alamos Climatology," Los Alamos National Laboratory report LA-11735-MS.
4. Bowen 1992: B.M. Bowen, "Los Alamos Climatology Summary," Los Alamos National Laboratory report LA-12232-MS.
5. Burton 1982: B.W. Burton, "Geological Evolution of the Jemez Mountains and Their Potential for Future Volcanic Activity," Los Alamos National Laboratory report LA-8795-GEOL.
6. ESG 1996: Environmental Surveillance Group, "Environmental Surveillance at Los Alamos, 1994," Los Alamos National Laboratory report LA-13047-ENV.
7. Foxx 1996: T.S. Foxx, R.G. Balice, and M.E. Salisbury, "Preliminary Land Cover Classification for Los Alamos National Laboratory and Los Alamos County, New Mexico," Los Alamos National Laboratory report LA-UR-96-3525.

8. Koch 1996: S.W. Koch, T.K. Budge, S.G. Ferran, L.F. Sandoval, M.A. Mullen, and K.D. Bennett, "Los Alamos National Laboratory Land Cover Map," Los Alamos National Laboratory report LA-UR-96-3362.

5.1 Botanical References

1. Allred 1982: K.W. Allred, *Range Grasses Study Guide*, (New Mexico State University, Las Cruces, New Mexico).

2. Benson 1977: L. Benson, *The Cacti of Arizona*, (University of Arizona Press, Tucson).

3. Correll 1970: D.A. Correll and M.C. Johnston, *Manual of Vascular Plants of Texas*, (Texas Research Foundation, Renner, Texas).

4. Dittmer 1954: H.J. Dittmer, E.F. Castetter, and O.M. Clark, *Fern and Fern Allies of New Mexico*, (University of New Mexico Press, Albuquerque, New Mexico).

5. Foxx 1984: T.S. Foxx and D. Hoard, *Flowers of the Southwestern Forests and Woodlands*, (Los Alamos Historical Society).

6. Foxx 1985: T.S. Foxx and D. Hoard, *Flowering Plants of the Southwestern Woodlands, Including Bandelier National Monument*, (Otowis Crossing Press).

7. Gay 1970: C.W. Gay, *New Mexico Range Plants*, New Mexico Cooperative Extension Service, Las Cruces, New Mexico, Circular 374.

8. Gould 1977: F.W. Gould, *Grasses of the Southwestern United States*, (University of Arizona Press, Tucson).

9. Harrington 1974: H.D. Harrington, *Edible Native Plants of the Rocky Mountains*, (The University of New Mexico Press).

10. Harrington 1974: H.D. Harrington, *Manual of Plants of Colorado*, (Sage Books, Chicago, Illinois, 1974).

11. Hitchcock 1971: A.S. Hitchcock, *Manual of Grasses of the United States*, 2 Vols., (Dover Press, New York).

12. Jacobs 1989: B.F. Jacobs, "Flora of Bandelier National Monument," Final Report, National Park Service.

13. Kearney 1969: T.H. Kearney, and R.H. Peebles, *Arizona Flora*, (University of California Press, Berkeley, California).

14. Martin 1980: W.C. Martin and C.H. Hutchins, *A Flora of New Mexico*, (J. Cramer, Germany).

15. McDougall 1973: W.B. McDougall, *Seed Plants of Northern Arizona*, (Museum of Northern Arizona, Flagstaff).

16. Natural Resource Conservation Service (NRCS) PLANTS data base. <http://www.plants.usda.gov/plants>.

17. Rickett 19__ : H.W. Rickett, *Wildflowers of the United States*, Vol. 4, Southern California, Arizona, and New Mexico. The New York Botanical Garden. (McGraw Hill Book Company, New York), 801 pp.

18. Tierney 1983: G.D. Tierney, *Roadside Plants of Northern New Mexico*, (Lightning Trees Press).

19. Vines 1960: R.A. Vines, *Trees, Shrubs, and Woody Vines of the Southwest*, (University of Texas Press, Austin).

5.2 Studies and Surveys

1. Banar 1995: A.K. Banar, "Results of Canyon Bottom and Stream Channel Vegetation Surveys in Guaje and Los Alamos Canyons (1993). in: *Ecological Baseline Studies in Los Alamos and Guaje Canyons, County of Los Alamos, New Mexico*, T.S. Foxx compiler, Los Alamos National Laboratory report LA-13064-MS.

2. Banar 1996: A. Banar "Biological Assessment for Environmental Restoration Program, Operable Unit 1157, TA-8, 9, 23, and 69," Los Alamos National Laboratory report LA-UR-93-4184.

3. Benson 1996. J. Benson, S. Cross, and T. Foxx, "Biological and Floodplain/Wetlands Assessment for Environmental Restoration Program Operable Unit 1085: TAs 14 and 67," Los Alamos National Laboratory report LA-UR-95-648.

4. Biggs 1995: J. Biggs, "Biological Information Document for the Radioactive Liquid Waste Treatment Facility," Los Alamos National Laboratory report LA-UR-95-2681.

5. Biggs 1996: J. Biggs, "Biological Assessment for the ISF Gasline—Townsite Portion," Los Alamos National Laboratory report LA-UR-96-1889.

6. Biggs 1996: J. Biggs and S. Cross, "Biological and Floodplain/Wetland Assessment for Environmental Restoration Program: Operable Unit 1140: TA-46," Los Alamos National Laboratory report LA-UR-3716.

7. Biggs 1996: J. Biggs, "Biological and Floodplain/Wetlands Assessment for Environmental Restoration Program, Operable Unit 1071, TAs 0, 19, 26, 73, and 74," Los Alamos National Laboratory report LA-UR-93-1168.

8. Cross 1996: S. Cross and D. Usner, "Biological Assessment for the Mixed Waste Storage and Disposal Facility, Technical Areas 67 and 15, Los Alamos National Laboratory," Los Alamos National Laboratory report LA-UR-94-1400.

9. Cross 1996: S. Cross, "Biological Assessment for Environmental Restoration Program; Operable Unit 1130; TAs 36, 68, and 71," Los Alamos National Laboratory report LA-UR-94-26.

10. Cross 1996: S. Cross, "Biological Evaluation for Environmental Restoration Program Operable Unit 1114; Technical Areas 3, 30, 59, 60, 61, and 64," Los Alamos National Laboratory report LA-UR-94-21.

11. Cross, 1995: S. Cross, "Aquatic Invertebrate Sampling at Selected Outfalls in Operable Units 1082; Technical Areas 9, 11, 16, and 22."

-
12. Dunham 1995. D.A. Dunham, "Biological and Floodplain/Wetland Assessment for Environmental Restoration Program, Operable Unit 1086," Los Alamos National Laboratory report LA-UR-95-649.
 13. Foxx 1978: T.S. Foxx and L.D. Potter, "Fire History at Bandelier National Monument," final report, National Park Service, Southwest Region.
 14. Foxx 1980: T.S. Foxx and G.D. Tierney, "Status of the Flora of the Los Alamos National Environmental Research Park," Los Alamos Scientific Laboratory report LA-8050-NERP Vol. 1 (1980).
 15. Foxx 1982: T.S. Foxx and G.D. Tierney, "Vegetational Analysis of a Canyon Ecosystem at Los Alamos," Los Alamos National Laboratory report LA-9576-MS.
 16. Foxx 1982: T.S. Foxx, "Botanical Study, Archeological Salvage Project 1975 Season," in: *Bandelier: Excavations in the Flood Pool of Cochiti Lake, New Mexico*. Diane Traylor. Ed. (National Park Service, Interagency Archeological Services, Denver, Colorado).
 17. Foxx 1984: T.S. Foxx and G.D. Tierney, "Status of the Flora of the Los Alamos National Environmental Research Park, A Historical Perspective," Los Alamos National Laboratory report LA-8050-NERP Vol II.
 18. Miera 1976: F.R. Miera, "Summarization of Small Mammal and Vegetation Studies," in: "LASL Environs for NERP Input," Los Alamos Scientific Laboratory memorandum.
 19. Pilz 1979: W.R. Pilz, D.G. Sabo, and W. Wagner, "Biotic Inventory for Proposed Baca Geothermal Project: Baseline Information for Transmission System," Public Service Company of New Mexico and Union Geothermal Company of New Mexico.
 20. Potter 1979: L.D. Potter and T.S. Foxx, "Vegetation Studies at Bandelier National Monument," Final Report, National Park Service, Southwest Region.
 21. Potter 1981: L.D. Potter and T.S. Foxx, "Vegetative Mapping and Fire History of Cerro Grande Accession, Bandelier National Monument," Final Report, National Park Service, Southwest Region, Santa Fe, New Mexico 1981.
 22. Potter 1982: L.D. Potter, T.S. Foxx, and F.J. Barnes, "Natural Regeneration of Ponderosa Pine as Related to Land Use and Fire History of the Pajarito Plateau," Los Alamos National Laboratory report LA-9293-NERP.
 23. Tierney 1977: G.D. Tierney, "A Vegetative Survey of White Rock Canyon," in: *Archeological Investigations of Cochiti Reservoir*, Vol. 1, Office of Contract Archaeology, University of New Mexico, Albuquerque.
 24. Tierney 1979: G.D. Tierney, "Native Edible Plant Resources Near Cochiti Reservoir, New Mexico," in: *Archeological Investigations in Cochiti Reservoir*, Vol. 4, Office of Contract Archeology, University of New Mexico, Albuquerque.

-
25. Tierney 1982: G.D. Tierney and T.S. Foxx, "Floristic Composition and Plant Succession on Near-Surface Radioactive Waste Disposal Facilities in the Los Alamos National Laboratory," Los Alamos National Laboratory report LA-9219-MS.
 26. Whitford 1974: W.G. Whitford and J. Ludwig, "The Biota of Redondo Creek, Redondo Peak, Redondo Border, Alamo Canyon, Valle Seco, and San Luis Creek Areas of the Baca Ranch, Sandoval County, New Mexico," Union Oil Company, Geothermal Division.

5.3 Thesis and Dissertations

1. Allen 1984: C.D. Allen, "Montane Grasslands in the Landscape of the Jemez Mountains, New Mexico," M.S. Thesis, Univ. Wisconsin, Madison, Wis.
2. Allen 1989 C.D. Allen, "Changes in the Landscape of the Jemez Mountains, New Mexico," PhD Dissertation, University of California at Berkeley.
3. Housley 1974: L.K. Housley, "*Opuntia imbricata* Distribution on Old Jemez Habitation Sites," Master's Thesis, Claremont College, Claremont, California.
4. Koehler 1974: D.A. Koehler, "The Ecological Impact of Feral Burros of Bandelier National Monument," Master's Thesis, University of New Mexico, Albuquerque.
5. Osborne 1966: N.L. Osborne, "A Comparative Floristic Study of Mount Taylor and Redondo Peak," PhD Dissertation, University of New Mexico.

6. Robertson 1968: C.W. Robertson, "A Study of the Flora of the Cochiti and Bland Canyons of the Jemez Mountains," Master's Thesis, University of New Mexico.
7. Yarnell 1958: R.A. Yarnell, "Implications of Pueblo Ruins as Plant Habitats," Master's Thesis, University of New Mexico .

5.4 Vegetation Classification

1. Barnes 1983: F.J. Barnes, "Habitat Typing in Pinon-Juniper Woodland of the Pajarito Plateau," final report National Park Service, Southwest Region 1983.
2. Moir 1979: W.H. Moir and J.A. Ludwig, "A Classification of Spruce-Fir and Mixed Conifer Habitat Types in Arizona and New Mexico," USDA Forest Service Research Paper SM-2007.

5.5 Wetlands

1. Reed 1988: P.B. Reed, *National List of Plant Species That Occur in Wetlands: New Mexico*, US Department of Interior, Fish and Wildlife Service. Biological Report 1988. NERC-88/18.31
2. Cowardin 1979: L.M. Cowardin, V. Carter, F.C. Glet, and E.T. LaRoe, "Classification of Wetlands and Deepwater Habitats of the United States," US Fish and Wildlife Service, Washington DC, publication no. FWS/OBS-79/31.

5.6 Indicator Plants

1. Clements 1928: F.E. Clements, *Plant Succession and Indicators*, (H.W. Wilson Company, New York City).
2. Abrams 1987: M.D. Abrams and J.C. Hulber, "Effect of Topographic Position and Fire on Species Composition in Tall Grass Prairie in Northeast Kansas," *American Midland Naturalist* **117(2)**:442–445.
3. Adams 1982: D.E. Adams, R.C. Anderson, and S.L. Collins, "Differential Response of Woody and Herbaceous Species to Summer and Winter Burning in an Oklahoma Grassland," *Southwestern Naturalist* **27(1)**:55–61.
4. Allen 1984: E.B. Allen and D.H. Knight, "The Effects of Introduced Annuals on Secondary Succession in Sagebrush Grassland, Wyoming," *Southwestern Naturalist* **27(4)**:407–421.
5. Aplet 1988: G.H. Aplet, R.D. Laven, and F.W. Smith, "Patterns of Community Dynamics in Colorado Engelmann Spruce-Subalpine Fir Forests," *Ecology* **69(2)**:312–319.
6. Armesto 1985: J.J. Armesto and S.T.A. Pickett, "Experiments on Disturbance in Old-Field Plant Communities. Impact on Species Richness and Abundance," *Ecology* **66(1)**:230–240.
7. Beley 1982: J.R. Beley, T.M. Disworth, S.M. Butt, and C.D. Honson, "Arthropods, Plants, and Transmission Lines in Arizona. Community Dynamics during Secondary Succession in a Chaparral Habitat," *Southwestern Naturalist* **27(3)**:335–333.
8. Brock 1984: J.H. Brock and C.E. Bock, "Effect of Fires on Woody Vegetation in the Pine-Grassland Ecotone of the Southern Black Hills," *American Midland Naturalist* **112(1)**:35–42.
9. Booth 1985: D.T. Booth, "The Role of Four-Winged Saltbush in Mined Land Reclamation: A Viewpoint," *Journal of Range Management* **38(6)**:562–565.
10. Brand 1986: M.D. Brand and H. Goetz, "Vegetation of Exclosures in Southwestern North Dakota," *Journal of Range Management* **39(5)**:434–437.
11. Brenkert 1984: A.L. Brenkert, P.D. Parr, and F.G. Taylor, "Plant Species Potentially Suitable for Cover on Low-Level Solid Nuclear Waste Disposal Sites: A Literature Review," Oak Ridge National Laboratory report ORNL/TM-8631, Environmental Science Division Publication No. 2275.
12. Burns 1990: J.C. Burns, L.D. King, and P.W. Westerman, "Long-Term Swine Lagoon Effluent Application on Coastal Bermuda Grass: I. Yield, Quality, and Element Removal," *Journal of Environmental Quality* **19(4)**:749–756.
13. Carson 1988: W.P. Carson and G.W. Barrett, "Succession in Old-Field Plant Communities: Effects of Contrasting Types of Nutrient Enrichment," *Ecology* **69(4)**:984–994.

-
14. Chew: 1982: R.M. Chew, "Changes in Herbaceous and Suffrutescent Perennials in Grazed and Ungrazed Grassland in Southwestern Arizona, 1958–1978," *American Midland Naturalist* **108(1)**:159–169.
15. Cholewa 1983: A.F. Cholewa and F.D. Johnson, "Secondary Succession in the *Pseudotsuga menziesii*/*Physocarpus malvaceous* Association," *Northwestern Science* **57(4)**:273–282.
16. Collins 1983: S.L. Collins and G.E. Uno, "The Effect of Early Spring Burning on Vegetation in Buffalo Wallows," *Bulletin of the Torrey Botanical Club* **110(4)**:474–481.
17. Ditsword 1982: T.M. Ditsword, S.M. Butt, J.R. Beley, C.D. Johnson, and R.P. Balda, "Arthropods, Plants, and Transmission Lines in Arizona: Community Dynamics during Secondary Succession in a Pinyon-Juniper Woodland," *Southwestern Naturalist* **27(2)**:167–181.
18. Dvorak 1984: A.J. Dvorak, "Executive Summary," in: *Ecological Studies of Disturbed Landscapes: A Compendium of the Results of Five Years of Research Aimed at the Restoration of Disturbed Ecosystems* (Dvorak, A.J., Tech. Ed.). Office of Scientific and Technical Information, United States Department of Energy DOE/NBM-5009373 (DE85009373), pp. (10-1)–(1-12).
19. Eddleman 1984: L.E. Eddleman, "The Ecology and Physiology of Native Plants in the Northern Great Plains," in: *Ecological Studies of Disturbed Ecosystems* (Dvorak, A.J. Tech. Ed.), Office of Scientific and Technical Information, United States Department of Energy DIOE/NBM-5009372 (DE85009372), pp. (8-1)–(8-22).
20. Fisher 1990: J.T. Fisher, G.A. Fancher, and E.F. Aldon, "Factors Affecting Establishment of One-Seed Juniper (*Juniperus monosperma*) on Surface-Mined Lands in New Mexico," *Canadian Journal of Forest Research* **20(7)**:880–886.
21. Foxx 1978: T.S. Foxx and L.D. Potter, "Fire Ecology at Bandelier National Monument," Final Report, Contract No. PX 7029-60-0769.
22. Ganskopp 1986: D.C. Ganskopp, "Tolerances of Sagebrush, Rabbitbrush, and Greasewood to Elevated Water Tables," *Journal of Range Management* **39(4)**:334–337.
23. Goldberg 1988: D.E. Goldberg and K.L. Gross, "Disturbance Regimes of Midsuccessional Old-Fields," *Ecology* **69(6)**:1677–1688.
24. Griffith 1990: R.F. Griffith and L.E. Smith, "Development of a Vegetation-Damage Indicator as a Means of Post-Accident Investigations for Chlorine Release," *Journal of Hazardous Materials* **23(2)**:137–166.

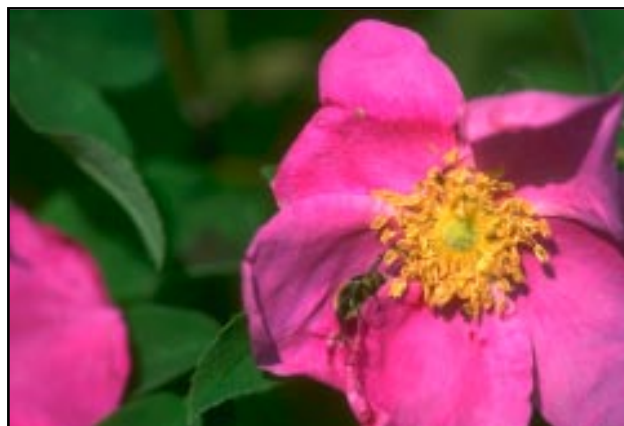
-
25. Harrington 1985: M.G. Harrington, "The Effects of Spring, Summer, and Fall Burning on Gambel Oak in a Southwestern Ponderosa Pine Stand," *Forest Science* **31(1)**:156–163.
26. Hassan 1986: M.A. Hassan and N.E. West, "Dynamics of Soil Seed Pools in Burned and Unburned Sagebrush Semi-Deserts," *Ecology* **67(1)**:269–272.
27. Hessing 1982: Hessing and C.D. Johnson, "Early Secondary Succession Following Restoration and Reseeding Treatments in Northern Arizona," *Journal of Range Management* **35(5)**:667–669.
28. Hulbert 1988: I.E. Hulbert, "Causes of Fire Effects in Tallgrass Prairie," *Ecology* **69(1)**:46–58.
29. Inouye 1988: R.C. Inouye and D. Tilman, "Convergence and Divergence of Old-Field Plant Communities along Experimental Nitrogen Gradients," *Ecology* **69(4)**:995–1004.
30. Jastrow 1984: J.D. Jastrow., J.P. Schulbert, W.S. Vinikour, A.A. Sobek, P.J. Sullivan, W.A. Master, E.D. Pentecost, and S.D. Zellmer. in: *Ecological Studies of Disturbed Landscapes: A Compendium of the Results of Five Years of Research Aimed at the Restoration of Disturbed Ecosystems* (Dvorak, A.J., Tech. Ed.). Office of Scientific and Technical Information, United States Department of Energy DOE/NBM-5009373 (DE85009373), pp. (4-1)–(4-67).
31. Jastrow 1984: J.D. Jastrow. R.M. Miller, S.C. Rabatin, and R.R. Hichmanb, "Revegetation of Disturbed Land in Arid Ecosystems," in: *Ecological Studies of Disturbed Landscapes: A Compendium of the Results of Five Years of Research Aimed at the Restoration of Disturbed Ecosystems* (Dvorak, A.J., Tech. Ed.). Office of Scientific and Technical Information, United States Department of Energy DOE/NBM-5009373 (DE85009373), pp. (2-1)–(2-37).
32. Johnson 1987: E.A. Johnson, "The Relative Importance of Snow Avalanche Disturbance on Canopy Plant Populations," *Ecology* **68(1)**:43–53.
33. Kever 19??: C. Kever, "Mechanisms of Plant Succession on Old Fields of Landcaster County, Pennsylvania," *Bulletin of the Torrey Botanical Club* **106(4)**:299–304.
34. Klinka 1989: K. Klinka, V.J. Krajina, A. Ceska, and A.M. Scagel, *Indicator Plants of Coastal British Columbia*, (University of British Columbia Press, Vancouver).
35. Koniak 1985: S. Koniak, "Succession in Pinyon-Juniper Woodlands Following Wildlife in the Great Basin. *Great Basin Naturalist* **45(3)**:556–566.
36. Leps 1989: J. Leps and J. Stursa, "Species-Area Curve, Life History Strategies, and Succession: A Field Test of Relationships," *Vegetation* **83(1)**:249–257.

-
37. Lindsay 1979: M.M. Lindsay and S.P. Bratton, "The Vegetation of Grassy Balds and Other High-Elevation Disturbed Areas in the Great Smokey Mountains National Park," *Bulletin of the Torrey Botanical Club* **106(4)**:264–275.
38. Loan 1990: P. Loan and C.W.P.M. Bloom, "Growth and Survival Responses of *Rumex* to Flooded and Submerged Conditions: Importance to Shoot Elongation, Underwater Photosynthesis and Reserve Carbohydrates," *Journal of Experimental Botany* **41(228)**: 775–783.
39. Marks 1985: P.L. Marks and C.L. Mohler, "Succession after Elimination of Buried Seeds from a Recently Plowed Field," *Bulletin of the Torrey Botanical Club* **112(4)**:376–382.
40. Melgoza 1990: G.R. Melgoza, S. Nowak, and R.J. Tausch, "Soil Water Exploitation after Fire: Competition Between *Bromus tectorum* (Cheatgrass) and Two Native Species," *Oecologia* **83(1)**:7–13.
41. Miller 1984: R.M. Miller, "Microbial Ecology and Nutrient Cycling in Disturbed Arid Ecosystems," in: *Ecological Studies of Disturbed Landscapes: A Compendium of the Results of Five Years of Research Aimed at the Restoration of Disturbed Ecosystems* (Dvorak, A.J., Tech. Ed.). Office of Scientific and Technical Information, United States Department of Energy DOE/NBM-5009373 (DE85009373), pp (3-19)–(3-29).
42. Miller 1987: T.E. Miller and P.A. Werner, "Competitive Effects and Responses Between Plant Species in First-Year Old-Field Community," *Ecology* **68(5)**:1207–1210.
43. Monk 1983: C.D. Monk, "Relationships of Life Forms and Diversity in Old-Field Succession," *Bulletin of the Torrey Botanical Club* **110 (4)**:449–453.
44. Pierson 1990: E.A. Pierson and R.N. Mack, "The Population Biology of *Bromus tectorum* in Forests: Effect of Disturbance, Grazing, and Litter on Seedling Establishment and Reproduction," *Oecologia* **84(4)**:526–533.
45. Pinchack 1985: B.A. Pinchak, G.E. Shuman, and E.J. Deput, "Topsoil and Mulch Effects on Plant Species and Community Responses of Revegetated Mined Lands," *Journal of Range Management* **38(3)**:262–265.
46. Reichhardt 1982: K.L. Reichhardt, "Succession of Abandoned Fields on the Shortgrass Prairie, Northeastern Colorado," *Southwestern Naturalist* **27(3)**:299–304.
47. Roundy 1988: B.A. Roundy and G.L. Jordan, "Vegetation Changes in Relation to Livestock Grazing and Root Plowing in Southwestern Arizona," *Southwestern Naturalist* **33(4)**:425–436.
48. Russell 1985: W.B. Russell, "Vascular Flora of Abandoned Coal-Mined Land, Rocky Mountain Foothills, Alberta, Canada," *Canadian Field Naturalist* **99(4)**:503–516.

-
49. Sakal 1985: A.K. Sakal, M.R. Roberts, and C.L. Jolls, "Successional Changes in a Mature Aspen Forest in Northern Lower Michigan: 1974–1981," *American Midland Naturalist* **113**(2):271–282.
50. Scheiner 1986: S.M. Scheiner and J.A. Teeri, "Microhabitat Selection and the Successional Gradient of a Forest Grass," *Canadian Journal of Botany* **64**(4):734–738.
51. Shankman 1988: D. Shankman and C. Daly, "Forest Regeneration above Tree Limit Depressed by Fire in the Colorado Front Range," *Bulletin of the Torrey Botanical Club* **115**(4):272–279.
52. Sindelar 1984: B.W. Sindelar, "Vegetation Development on Surface Mined Land in Eastern Montana," in: *Ecological Studies of Disturbed Landscapes: A Compendium of the Results of Five Years of Research Aimed at the Restoration of Disturbed Ecosystems* (Dvorak, A.J., Tech. Ed.). Office of Scientific and Technical Information, United States Department of Energy DOE/NBM-5009373 (DE85009373), pp. (6-1)–(6-32).
53. Smith 1991: S.D. Smith, A.B. Wellington, J.L. Nachlinger, and C.A. Fox, "Functional Responses of Riparian Vegetation to Streamflow Diversion in the Eastern Sierra Nevada," *Ecological Applications* **1**(1):89–97.
54. Squiers 1977: E.R. Squiers and W.A. Wistendahl, "Changes in Plant Species Diversity during Early Secondary Succession in an Experimental Old-Field System," *American Midland Naturalist* **98**(1):11–21.
55. Stewart 1989: G.H. Stewart, "The Dynamics of Old-Growth *Pseudotsuga* Forests in the Western Cascade Range, Oregon, USA," *Vegetation* **82**(1):79–94.
56. Tande 1979: G.F. Tande, "Fire History and Vegetational Pattern of Coniferous Forests in Jasper National Park, Alberta," *Canadian Journal of Botany* **57**(18):1912–1931.
57. Thomas 1986: T.L. Thomas and J.K. Agee, "Prescribed Fire Effects on Mixed Conifer Forest Structure at Crater Lake, Oregon," *Canadian Journal of Forest Research* **16**(5):1082–1087.
58. Tierney 1982: G.D. Tierney and T.S. Foxx, "Floristic Composition and Plant Succession on Near-Surface Radioactive Waste Disposal Facilities in the Los Alamos National Laboratory," Los Alamos National Laboratory report LA-9212-MS.
59. Tilman 1982: D. Tilman, "Nitrogen Limited Growth in Plants from Different Successional Stages," *Ecology* **67**(2):555–563.
60. Vale 1981: T.R. Vale, "Tree Invasion of Montane Meadows in Oregon," *American Midland Naturalist* **105**(1):61–69.

-
61. Van Auken 1985: O.W. Van Auken and J.K. Bush, "Secondary Succession on Terraces of the San Antonio River," *Bulletin of the Torrey Botanical Club* **112(2)**:158–166.
62. Veblen 1986. T.T. Veblen, "Age and Size Structure of Subalpine Forests in Colorado Front Range," *Bulletin of the Torrey Botanical Club* **113(3)**:225–240.
63. Vos 1987: J.J. Vos and A.S. White, "Processes of Understory Seedling Recruitment 1 Year after Prescribed Fire in an Arizona Ponderosa Pine Community," *Canadian Journal of Botany* **65(11)**:2280–2290.
64. Wagstaff 1980: F.J. Wagstaff, "Impact of the 1975 Wallsbur Fire on Antelope Bitterbursh (*Purshia tridentata*)," *Great Basin Naturalist* **40(4)**:299–302.
65. Walker 1986: L.R. Walker, J.C. Zasada, and F.S. Chapin, III, "The Rule of Life History Processes in Primary Production on Alaskan Floodplain," *Ecology* **67(5)**:1243–1253.
66. West 1985: H.E. West and M.A. Hssan, "Recovery of Sagebrush-Grassland Following Wildfire," *Journal of Range Management* **38(2)**:131–134.
67. Young 1975: D.L. Young and J.A. Bailey, "Effects of Fire and Mechanical Treatment on *Cercocarpus montanus* and *Ribes cereum*," *Journal of Range Management* **28(6)**:495–497.
68. Zimmerman 1977: U.D. Zimmerman and C.L. Kugera, "Effects of Composition Changes on Productivity and Biomass Relationships in Tall Grass Prairie," *American Midland Naturalist* **97(2)**:465–469.
- 5.7 Ethnobotanical**
1. Castetter 19???: E. Castetter and M.E. Opler, "Plants Used by the Mescalero and Chiricahua Apache for Food, Drink, and Narcotics," University of New Mexico Bulletin of Ehtnobiological Studies in American Southwest III. *The Ethnobiology of Chiricauhua and Mescalero Apache*. Whole 279 Bio. Series, Vol. 4, No. 5.
 2. Cook 1930: S.L. Cook, "Ethnobotony of the Jemez," (University of New Mexico).
 3. Elmore 1943: F.H. Elmore, "Ethnobotany of the Navajo," Monograph Series (University of New Mexico) Vol. 1, No. 7, Bulletin no. 392, 136 pp.
 4. Jones 1931: V.H. Jones, "Ethnobotany of the Isleta Indians," (University of New Mexico).
 5. Robbins 1916: W.W. Robbins, "Ethnobotany of the Tewa Indians," (Smithsonian Institute, Burea of American Ethnology) No. 55, 124 pp.
 6. Stevenson 1909: M.C. Stevenson, "Ethnobotany of the Zuni Indians," (Smithsonian Institute, Bureau of American Ethnology), Report 30th, pp. 31-102.

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7. Swank 1932: G.R. Swank, “Ethnobotony of the Acoma and Laguna Indians,” (University of New Mexico).
 8. Whiting 1939: A.F. Whiting, “Ethnobotany of the Hopi,” Museum of Northern Arizona University. Bulletin No. 15, 120 pp.
 9. Curtin 1965: L.S.M. Curtin, *Healing Herbs of the Upper Rio Grande*, (Southwest Museum, Los Angeles, California).



APPENDIX A

Nomenclature

Martin & Hutchins (1980)-Species Identification	USDA NRCS PLANTS Database (1995)	Acronym
<i>Abies concolor</i> (Gord. & Gleud.) Hoopes	<i>Abies concolor</i> (Gord. & Glend.) Lindl. ex Hildebr.	abco
<i>Abies lasiocarpa</i> (Hook.) Nutt. var. <i>lasiocarpa</i>	<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i> (Hook.) Nutt.	ablab
<i>Acer glabrum</i> var. <i>neomexicanum</i> (Greene) K. & P.	<i>Acer glabrum</i> var. <i>neomexicanum</i> (Greene) Kearney & Peebles	acgln2
<i>Acer negundo</i> L. var. <i>interius</i> (Britt.) Sarg.	<i>Acer negundo</i> var. <i>interius</i> (Britt.) Sarg.	acnei2
<i>Achillea lanulosa</i> Nutt. subsp. <i>lanulosa</i>	<i>Achillea millefolium</i> var. <i>occidentalis</i> DC.	acmio
<i>Aconitum columbianum</i> Nutt.	<i>Aconitum columbianum</i> Nutt.	acco4
<i>Actaea arguta</i> Nutt. var. <i>viridiflora</i> (Greene) Tides.	<i>Actaea arguta</i> Nutt. <i>viridiflora</i> (Greene) Tidestrom.	acarv
<i>Aegilops cylindrica</i> Host	<i>Aegilops cylindrica</i> Host	aecy
<i>Agastache pallidiflora</i> (Heller) Rydb.	<i>Agastache pallidiflora</i> (Heller) Rydb.	agpa
<i>Agoseris arizonica</i> Greene	<i>Agoseris arizonica</i> Greene	agar5
<i>Agoseris aurantiaca</i> (Hook.) Greene	<i>Agoseris aurantiaca</i> (Hook.) Greene	agau2
<i>Agoseris glauca</i> (Pursh) Dietr. var. <i>glauca</i>	<i>Agoseris glauca</i> var. <i>glauca</i> (Pursh) Raf.	agglg
<i>Agoseris glauca</i> var. <i>parviflora</i> (Nutt.) Rydb.	<i>Agoseris glauca</i> var. <i>parviflora</i> (Nutt.) Rydb.	agglp
<i>Agrimonia gryposepala</i> Wallr.	<i>Agrimonia gryposepala</i> Wallr.	aggr2
<i>Agrimonia striata</i> Michx.	<i>Agrimonia striata</i> Michx.	agst
<i>Agropyron dasystachyum</i> (Hook.) Scribn.	<i>Agropyron dasystachyum</i> (Hook.) Scribn. & J. G. Sm.	agda
<i>Agropyron desertorum</i> (Fisch.) Schult.	<i>Agropyron desertorum</i> (Fisch. ex Link) J. A. Schultes	agde2
<i>Agropyron latiglume</i> (Scribn. & Smith) Rydb.	<i>Agropyron latiglume</i> (Scribn. & J. G. Sm.) Rydb.	agla3
<i>Agropyron pseudorepens</i> Scribn. & Smith	<i>Agropyron pseudorepens</i> Scribn. & J. A. Sm.	agps
<i>Agropyron repens</i> (L.) Beauv.	<i>Agropyron repens</i> (L.) Beauv.	agre2
<i>Agropyron smithii</i> Rydb.	<i>Agropyron Smithii</i> Rydb.	agsm
<i>Agropyron subsecundum</i> (Link) Hitchc.	<i>Agropyron subsecundum</i> (Link) A. S. Hitchc.	agsu
<i>Agropyron trachycaulum</i> (Link) Malte	<i>Agropyron trachycaulum</i> (Link) Malte ex H. F. Lewis	agtr
<i>Agrostis alba</i> L.	<i>Agrostis alba</i> auct. non L.	agal3
<i>Agrostis exarata</i> Trin	<i>Agrostis exarata</i> Trin	agex
<i>Agrostis idahoensis</i> Nash	<i>Agrostis idahoensis</i> Nash	agid
<i>Agrostis perennans</i> (Walt.) Tuckerm.	<i>Agrostis perennans</i> (Walt.) Tuckerman	agpe
<i>Agrostis scabra</i> Willd.	<i>Agrostis scabra</i> Willd.	agsc5
<i>Agrostis semiverticillata</i> (Forsk.) C. Chr.	<i>Agrostis semiverticillata</i> (Forsk.) C. Christens	agse2
<i>Agrostis stolonifera</i> L.	<i>Agrostis stolonifera</i> L.	agst2
<i>Ailanthus altissima</i> (Mill.) Swingle	<i>Ailanthus altissima</i> (P. Mill.) Swingle	aial
<i>Allium cernuum</i> Roth. var. <i>obtusum</i> Cockll.	<i>Allium cernuum</i> var. <i>obtusum</i> Cockerell. ex J. F. Macbr.	alceo
<i>Allium geyeri</i> Wats.	<i>Allium geyeri</i> S. Wats.	alge
<i>Allium macropetalum</i> Rydb.	<i>Allium macropetalum</i> Rydb.	alma4
<i>Allium textile</i> Nels. & Macbr.	<i>Allium textile</i> A. Nels. & J. F. Macbr.	alte
<i>Alnus oblongifolia</i> Torr.	<i>Alnus oblongifolia</i> Torr.	alob2
<i>Alnus tenuifolia</i> Nutt.	<i>Alnus tenuifolia</i> Nutt.	alte2

APPENDIX B

Common Names

Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Abies concolor</i>	White fir	None found
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>	Corkbark fir; subalpine fir	None found
<i>Acer glabrum</i> var. <i>neomexicanum</i>	New Mexico maple; Rocky Mountain Maple	<i>Acer neomexicanum</i>
<i>Acer negundo</i> var. <i>interius</i>	Western boxelder; boxelder maple	<i>Acer interior</i> Britt.; <i>Rulac interior</i> (Britt.) Nieuwl; <i>Negundo interius</i> (Britt.) Rydb.
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>	Western yarrow	<i>Achillea millefolium</i> var. <i>lanulosa</i> (Nutt.) Piper; <i>A. lanulosa</i> subsp. <i>typica</i> Keck
<i>Aconitum columbianum</i>	Monkshood	<i>Aconitum lutescens</i> A. Nels.; <i>A. arizonicum</i> Greene; <i>A. mogollonicum</i> Greene
<i>Actaea arguta</i> var. <i>viridiflora</i>	Western baneberry	<i>Actaea viridiflora</i> Greene
<i>Aegilops cylindrica</i>	Jointed Goatgrass	
<i>Agastache pallidiflora</i>	Giant hyssop	None found
<i>Agoseris arizonica</i>	Mountain-dandelion	None found
<i>Agoseris aurantiaca</i>	Orange mountain dandelion	<i>Agoseris purpurea</i> (Gray) Greene; <i>A. greenei</i> (Gray) Rydb.; <i>Troximon aurantiacum</i>
<i>Agoseris glauca</i> var. <i>glauca</i>	Smooth mountain dandelion	<i>Toximon glaucum</i> Pursh; <i>Agoseris pumila</i> (Nutt.) Rydb.; <i>A. laciniata</i> (Nutt.) Greene
<i>Agoseris glauca</i> var. <i>parviflora</i>	Pale mountain dandelion	<i>Troximon parviflorum</i> Nutt.; <i>Agoseris parviflora</i> (Nutt.) Greene
<i>Agrimonia gryposepala</i>	Tall agrimony	None found
<i>Agrimonia striata</i>	Agrimony	<i>Agrimonia brittoniana</i> Bickn.; <i>A. brittoniana</i> var. <i>occidentalis</i> Bickn.
<i>Agropyron dasystachyum</i>	Downy Wheatgrass	
<i>Agropyron desertorum</i>	Russian wheatgrass	<i>Agropyron cristatum</i> (L.) Gaertn. var. <i>pectinatum</i>
<i>Agropyron latiglume</i>	Wheatgrass	None found
<i>Agropyron pseudorepens</i>	False quackgrass	<i>Elytrigia pseudorepens</i> Scribn. & Smith
<i>Agropyron repens</i>	Quackgrass	
<i>Agropyron smithii</i>	Western wheatgrass	<i>Elytrigia smithii</i> (Rydb.) D. B. Dewey; <i>Agropyron occidentale</i> Scribn.
<i>Agropyron subsecundum</i>	Bearded wheatgrass	<i>Agropyron richardsonii</i> (Trin.) Schrad.
<i>Agropyron trachycaulum</i>	Slender wheatgrass	<i>Elymus trachycaulus</i> (Link) Shinnery; <i>Agropyron pauciflorum</i> (Schwein) Hitchc.
<i>Agrostis alba</i>	Redtop	<i>Agrostis stolonifera</i> L.
<i>Agrostis exarata</i>	Spike Bent	
<i>Agrostis idahoensis</i>	Idaho redtop	None found
<i>Agrostis perennans</i>	Autum Bent	
<i>Agrostis scabra</i>	Rough bent	None found
<i>Agrostis semiverticillata</i>	Water Bent	
<i>Agrostis stolonifera</i>	Red Top	
<i>Ailanthus altissima</i>	Tree-of-heaven	<i>Ailanthus glandulosa</i> Desf.
<i>Allium cernuum</i> var. <i>obtusum</i>	Rocky Mountain nodding onion	<i>Allium recurvatum</i> Rydb.
<i>Allium geyeri</i>	Geyer Onion	<i>Allium funiculosum</i> A. Nels.
<i>Allium macropetalum</i>	Mesa Onion	
<i>Allium textile</i>	Wild onion	<i>Allium reticulatum</i> Fraser
<i>Alnus oblongifolia</i>	New Mexico Alder	None found
<i>Alnus tenuifolia</i>	Thinleaf alder; mountain alder	None found

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Common Names

<i>Alopecurus aequalis</i>	Short-awn Foxtail	
<i>Althaea rosea</i>	Hollyhock Mallow	
<i>Amaranthus albus</i>	White Amaranth	
<i>Amaranthus graecizans</i>	Tumble; prostrate pigweed	<i>Amaranthus blitoides</i> Wats.
<i>Amaranthus hybridus</i>	Pigweed; green amaranth	None found
<i>Amaranthus leucocarpus</i>	Love-lies-bleeding	
<i>Amaranthus palmeri</i>	Carelessweed redroot	None found
<i>Amaranthus powellii</i>	Green Amaranth	
<i>Amaranthus retroflexus</i>	Green amaranth; green pigweed; rough pigweed	None found
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Amaranthus torreyi</i>	Torrey pigweed	None found
<i>Ambrosia artemisiifolia</i>	Common ragweed; bitterweed	<i>Ambrosia elatior</i> L.; <i>A. artemisiifolia</i> var <i>elatior</i> (L.) Descourtils; <i>A. diversifolia</i>
<i>Ambrosia psilostachya</i>	Western ragweed	None found
<i>Amelanchier bakeri</i>	Serviceberry	
<i>Amelanchier oreophila</i>	Mountain serviceberry	None found
<i>Amelanchier polycarpa</i>	Cluster serviceberry	None found
<i>Amelanchier utahensis</i>	Utah serviceberry	<i>Amelanchier crenata</i> Greene; <i>A. rubescens</i> Greene
<i>Amorpha canescens</i>	Leadplant amorpha	None found
<i>Amorpha fruticosa</i> var. <i>angustifolia</i>	Narrow-leaved false indigo; false indigobush	None found
<i>Amorpha nana</i>	Fragrant false indigo	<i>Amorpha microphylla</i> Pursh
<i>Anagallis arvensis</i>	Poorman's weatherglass	None found
<i>Anaphalis margaritacea</i>	Pearly everlasting	<i>Anaphalis margaritacea</i> var <i>angustior</i> ; <i>A. m. v. revoluta</i> ; <i>A. m. v. intercedens</i>
<i>Andropogon barbinodis</i>	Cane beardgrass	<i>Bothriochloa barbinoides</i> (Lag.) Herter; <i>Amphilophis barbinodis</i> (Lag.) Nash
<i>Andropogon gerardii</i>	Big bluestem	<i>Andropogon furcatus</i> Muhl.; <i>A. provincialis</i> Lam.
<i>Andropogon hallii</i>	Sand Bluestem	
<i>Andropogon saccharoides</i>	Silver beardgrass	None found
<i>Andropogon scoparius</i>	Little bluestem	<i>Schizachyrium scoparium</i> (Michx.) Nash
<i>Andropogon springfieldii</i>	Springfield bluestem	<i>Bothriochloa springfieldii</i> (Gould) Parodi
<i>Andropogon wrightii</i>	Wright beardgrass	<i>Bothriochloa wrightii</i> (Hack.) Henrard; <i>Amphilophis wrightii</i> (Hack.) Nash
<i>Androsace septentrionalis</i> var. <i>subulifera</i>	Western rock-jasmine	<i>Androsace diffusa</i> Small; <i>A. pinetorum</i> Greene; <i>A. subulifera</i> (Gray) Greene
<i>Anemone cylindrica</i>	Candle anemone	None found
<i>Angelica pinnata</i>	Angelica	<i>Angelica leporina</i> Wats.
<i>Anoda cristata</i> var. <i>digitata</i>	Anoda	<i>Anoda arizonica</i> var. <i>digitata</i> Gray
<i>Antennaria marginata</i>	Pussytoes	<i>Antennaria fendleria</i> Greene; <i>A. peramoena</i> Greene
<i>Antennaria parvifolia</i>	Pussytoes	<i>Antennaria aprica</i> Greene
<i>Antennaria rosea</i>	Pussytoes	
<i>Antennaria rosulata</i>	Pussytoes	None found
<i>Aphanostephus arizonicus</i>	Aphanostephus	

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Common Names

<i>Apocynum androsaemifolium</i> var. <i>androsaemifolium</i>	Spreading dogbane	<i>Apocynum scopulorum</i> Greene
<i>Apocynum cannabinum</i> var. <i>glaberrimum</i>	Indian hemp	<i>Apocynum ambigenens</i> Greene
<i>Apocynum medium</i> var. <i>A949floribundum</i>	Indian Hemp	
<i>Aquilegia caerulea</i>	Colorado columbine; Rocky Mountain columbine	None found
<i>Aquilegia chrysantha</i>	Yellow columbine	<i>Aquilegia leptocarpa</i> var. <i>flava</i> Gray
<i>Aquilegia elegantula</i>	Red columbine	None found
<i>Aquilegia triternata</i>	Red columbine	None found
<i>Arabis divaricarpa</i>	Rockcross	
<i>Arabis drummondii</i>	Drummond rockcross	<i>Arabis ozyphylla</i> Greene
<i>Arabis fendleri</i> var. <i>fendleri</i>	Fendler rockcross	None found
<i>Arabis glabra</i>	Tower mustard	<i>Turritis glabra</i> L.
<i>Arabis hirsuta</i> var. <i>pyncocarpa</i>	Hairy rockcross	None found
<i>Arabis holboellii</i> var. <i>retrofracta</i> .	Rockeress	<i>Arabis consanguinea</i> Greene; <i>A. retrofracta</i> Graham
<i>Arabis perennans</i>	Rockcross	<i>Arabis eremophila</i> Greene
<i>Aralia racemosa</i>	American spicknard	<i>Aralia bicrenata</i> Woot. & Standl.
<i>Arceuthobium divaricatum</i>	Dwarf mistletoe	See Foxx & Tierney (1985)
<i>Arceuthobium douglasii</i>	Dwarf mistletoe	<i>Razoumofskya douglasii</i> (Engelm.) Kuntze
<i>Arceuthobium vaginatum</i> subsp. <i>cryptopodum</i>	Dwarf mistletoe	<i>Razoumofskya cryptopoda</i> (Engelm.) Cov.
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Arctostaphylos pungens</i>	Pointleaf manzanita	None found
<i>Arctostaphylos uva-ursi</i>	Bearberry; kinnikinnik	<i>Arbutus uva-ursi</i> L.; <i>Daphnidostylis fendleriana</i> Klotzsch
<i>Arenaria confusa</i>	Sandwort	
<i>Arenaria fendleri</i> var. <i>brevifolia</i>	Fendler's sandwort	None found
<i>Arenaria fendleri</i> var. <i>fendleri</i>	Fendler's sandwort	None found
<i>Arenaria macrophylla</i>	Sandwort	<i>Mochringia macrophylla</i> (Hook.) Torr.
<i>Aristida adscensionis</i>	Six-weeks three-awn	<i>Aristida bromoides</i> H. B. K.
<i>Aristida arizonica</i>	Arizona three-awn	None found
<i>Aristida barbata</i>	Harvard three-awn	<i>Aristida harvardii</i> Vasey; <i>A. dissita</i> I. M. Johnst.
<i>Aristida divaricata</i>	Poverty three-awn	None found
<i>Aristida fendleriana</i>	Fendler three-awn	None found
<i>Aristida longiseta</i>	Red three-awn	None found
<i>Aristida purpurea</i>	Purple three-awn	None found
<i>Artemisia bigelovii</i>	Bigelow sagebrush	None found
<i>Artemisia campestris</i> subsp. <i>pacifica</i>	Sagebrush	<i>Artemisia pacifica</i> Nutt; <i>A. scouleriana</i> (Bess.) Rydb.
<i>Artemisia cana</i>	Silvery sagebrush; hoary sagebrush	None found
<i>Artemisia carruthii</i>	Wormwood	<i>Artemisia kansana</i> Britt; <i>A. wrightii</i> Gray; <i>A. carruthii</i> var. <i>wrightii</i> (Gray) Blake
<i>Artemisia dracunculoides</i>	False tarragon	<i>Artemisia dracunculoides</i> v. <i>dracunculina</i> (Wats.) Blake; <i>A. d. Pursh</i> ; <i>A. dracunculina</i>
<i>Artemisia filifolia</i>	Sand sagebrush	None found

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Common Names

<i>Artemisia franserioides</i>	Ragweed sagebrush	None found
<i>Artemisia frigida</i>	Estafiata; fringed sagebrush	None found
<i>Artemisia ludoviciana</i> subsp. <i>albula</i>	Wormwood	
<i>Artemisia ludoviciana</i> subsp. <i>ludoviciana</i>	Louisiana wormwood	See Foxx & Tierney (1985)
<i>Artemisia ludoviciana</i> subsp. <i>mexicana</i>	Wormwood	
<i>Artemisia ludoviciana</i> subsp. <i>redolens</i>	Wormwood	<i>Artemisia redolens</i> Gray
<i>Artemisia ludoviciana</i> subsp. <i>sulcata</i>	Wormwood	
<i>Artemisia tridentata</i>	Big sagebrush; basin sagebrush	<i>Artemisia petrophila</i> Woot. & Standl.
<i>Asclepias asperula</i> subsp. <i>asperula</i>	Antelope horn	<i>Asclepias capricornu</i> subsp. <i>occidentalis</i> Woodson
<i>Asclepias engelmanniana</i>	Engelmann's Milkweed	
<i>Asclepias involucreta</i>	Poison milkweed; dwarf milkweed	None found
<i>Asclepias macrotis</i>	Milkweed	None found
<i>Asclepias speciosa</i>	Showy Milkweed	None found
<i>Asclepias subverticillata</i>	Poison milkweed	None found
<i>Asclepias tuberosa</i> subsp. <i>terminalis</i>	Butterflyweed	None found
<i>Asclepias viridiflora</i>	Green Milkweed	
<i>Asparagus officinalis</i>	Garden asparagus	None found
<i>Asplenium trichomanes</i>	Maidenhair spleenwort	None found
<i>Aster ericoides</i>	Aster	<i>Aster hebecladus</i> DC.; <i>A. multiflorus</i> Ait.
<i>Aster fendleri</i>	Fendler Aster	None found
<i>Aster foliaceus</i>	Leafy-bracted Aster	
<i>Aster glaucodes</i> var. <i>glaucodes</i>	Aster	<i>Eucephalus glaucus</i> Nutt.; <i>Aster glaucus</i> (Nutt.) Torr. & Gray
<i>Aster hesperius</i>	Marsh aster	<i>Aster caeruleus</i> D C.
<i>Aster laevis</i>	Smooth Aster	None found
<i>Aster novae-angliae</i>	New England Aster	None found
<i>Aster occidentalis</i>	Aster	<i>Aster fremontii</i> (Torr. & Gray) Gray; <i>A. corymbiformis</i> Rydb.
<i>Aster pauciflorus</i>	Aster	<i>A. hydrophilus</i> Greene; <i>A. pauciflorus</i> var. <i>gracillimus</i> Gray
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Aster praealtus</i>	Tall aster	<i>Aster salicifolius</i>
<i>Astragalus agrestis</i>	Field milkvetch	<i>Astragalus goniatus</i> Nutt.
<i>Astragalus amphioxys</i>	Crescent milkvetch	See Foxx & Tierney (1985)
<i>Astragalus bisulcatus</i>	Two-grooved Milkvetch	
<i>Astragalus crassicaarpus</i> .	Ground-plume milkvetch	<i>Astragalus carnosus</i> Rydb.; <i>Geoprumnon crassicaarpum</i> (Nutt.) Rydb.
<i>Astragalus emoryanus</i>	Emory milkvetch	<i>Hamosa emoryana</i> Rydb.
<i>Astragalus flexuosus</i>	Flexile Milkvetch	
<i>Astragalus gracilis</i>	Slender milkvetch	See Foxx & Tierney (1985)
<i>Astragalus humistratus</i>	Ground milkvetch	See Foxx & Tierney (1985)
<i>Astragalus kentrophyta</i> var. <i>neomexicana</i>	New Mexico kentrophyta	<i>Astragalus tagetarius</i> var. <i>neomexicanus</i> Barneby

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<i>Astragalus lentiginosus</i>	Specklepod locoweed	None found
<i>Astragalus lonchocarpus</i>	Rush Milkvetch	
<i>Astragalus missouriensis</i> var. <i>missouriensis</i>	Missouri milkvetch	See Foxx & Tierney (1985)
<i>Astragalus mollissimus</i>	Wolly locoweed	<i>Phaca villosa</i> James ex. Wats.; <i>Astragalus simulans</i> Cockll.
<i>Astragalus praelongus</i>	Stinking milkvetch	<i>Phacopsis praelongus</i> Rydb.; <i>Jonesiella recedens</i> Greene; <i>Astragalus r.</i> (Greene)
<i>Astragalus shortianus</i>	Short's milkvetch	See Foxx & Tierney (1985)
<i>Athyrium filix-femina</i> var. <i>californicum</i>	Lady fern	None found
<i>Atriplex canescens</i>	Fourwing saltbush	None found
<i>Atriplex patula</i>	Saltbush	None found
<i>Bahia biternata</i>	Bahia	<i>Schkuhria biternata</i> Gray; <i>Villanova biternata</i> (Gray) Woot. & Standl.
<i>Bahia dissecta</i>	Yellow ragweed; bahia; field chrysanthemum	<i>Amauria dissecta</i> Gray; <i>Amauriopsis dissecta</i> (Gr.)Rydb.; <i>Villanova dissecta</i> (Gr.)Rydb.
<i>Bahia neomexicana</i>	New Mexico Bahia	See Foxx & Tierney (1985)
<i>Bahia oblongifolia</i>	Plains Bahia	See Foxx & Tierney (1985)
<i>Baileya multiradiata</i>	Desert Marigold	<i>Baileya multiradiata</i> v. <i>nudicaulis</i> Gray; <i>B. pleniradiata</i> v. <i>multiradiata</i> Kearney
<i>Bassia hyssopifolia</i>	Smotherweed	None found
<i>Beckmannia syzigachne</i>	American sloughgrass	None found
<i>Berberis fendleri</i>	Colorado barberry	<i>Mahonia fendleri</i> (Gray) Woot. & Standl.
<i>Berberis repens</i>	Creeping mahonia; creeping barberry; Oregon grape	None found
<i>Berlandiera lyrata</i>	Lrye leaf; berlandiera	<i>Berlandiera incisa</i> Torr. & Gray
<i>Berula erecta</i>	Water parsnip	<i>Sium erectum</i> Huds.
<i>Besseyia plantaginea</i>	Kittentails	<i>Synthyris plantaginea</i> (James) Benth.
<i>Betula occidentalis</i>	Western Water-birch	<i>Betula fontinalis</i> Sarg.
<i>Bidens bigelovii</i>	Water beggarticks	None found
<i>Bidens bipinnata</i> var. <i>bipinnata</i>	Spanish needles	None found
<i>Bidens cernua</i>	Nodding beggartick	<i>Bidens prionophylla</i> Greene; <i>B. glaucescens</i> Greene
<i>Bidens cosmosa</i>	Tufted Beggarticks	
<i>Bidens frondosa</i>	Sticktight	
<i>Blepharoneuron tricholepis</i>	Pine dropseed; hairy dropseed	None found
<i>Boerhaavia coulteri</i>	Spiderling	None found
<i>Botrychium multifidum</i> subsp. <i>coulteri</i>	Grape Fern	
<i>Bouteloua aristidoides</i> .	Needlegrass	None found
<i>Bouteloua barbata</i>	Six-weeks Grama	
<i>Bouteloua curtipendula</i>	Side-oats grama	<i>Atherpogon curtipendulus</i> Fourn.
<i>Bouteloua eriopoda</i>	Black gramma	<i>Chondrosium eriopodum</i> Torr.
<i>Bouteloua gracilis</i>	Blue gramma	<i>Chondrosium gracile</i> H. B. K.; <i>Bouteloua oligostachya</i> Torr.
<i>Bouteloua hirsuta</i>	Hairy grama	None found
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Bouteloua simplex</i>	Mat grama	<i>Bouteloua procumbens</i> Griffiths

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<i>Brassica juncea</i>	Indian mustard; chinese mustard	<i>Sinapsis juncea</i> L.
<i>Brassica nigra</i>	Black mustard	None found
<i>Brickellia betonicaefolia</i>	Bricklebush	<i>Coesanthus baccarideus</i> (Gray) ; <i>C. betonicaefolius</i> (Gray) Kuntze
<i>Brickellia brachyphylla</i>	Bricklebush	<i>Coleosanthus brachyphyllus</i> (Gray) Kuntze
<i>Brickellia californica</i>	Californa bricklebush	See Foxx & Tierney (1985)
<i>Brickellia fendleri</i>	Fendler's Bricklebush	
<i>Brickellia grandiflora</i>	Bricklebush	<i>Coleosanthus umbellatus</i> Greene; <i>C. grandiflorus</i> (Hook.) Kuntze
<i>Bromus anomalus</i>	Nodding brome	<i>Bromus porteri</i> (Coult.) Nash; <i>B. lanatipes</i> Rydb.
<i>Bromus catharticus</i>	Rescue grass	<i>Bromus unioloides</i> (Willd.) H. B. K.
<i>Bromus ciliatus</i>	Fringed brome	<i>Bromus richardsonii</i> Link
<i>Bromus frondosus</i>	Weeping brome	<i>Bromus porteri</i> var <i>frondosus</i> Shear
<i>Bromus inermis</i>	Smooth brome; Hungarian brome	None found
<i>Bromus japonicus</i>	Japanese brome	None found
<i>Bromus lanatipes</i> .	Nodding brome	<i>Bromus anomalus</i> var. <i>lanatipes</i> (Shear) Hitchc.
<i>Bromus marginatus</i>	Mountain brome	<i>Bromus carinatus</i> Hook. & Arn.
<i>Bromus purgans</i>	Canada brome	None found
<i>Bromus tectorum</i>	Cheat grass; downy chess	None found
<i>Buchloe dactyloides</i>	Buffalo grass	<i>Bulbilis dactyloides</i> (Nutt). Raf.
<i>Calochortus gunnisonii</i>	Gunnison mariposa lily	<i>Calochortus</i> var. <i>perpulcher</i> Cockll.
<i>Calochortus nuttallii</i>	Sego lily	None found
<i>Calylophus hartwegii</i>	Yellow primrose; sundrops	<i>Oenothera hartwegii</i> Benth; <i>Galpinsia hartwegii</i> (Benth.) Britt.
<i>Calypso bulbosa</i>	Fairy slipper, calypso	<i>Cythrea bulbosa</i> (L.) House
<i>Camelina microcarpa</i>	Littleseed false flax	None found
<i>Campanula parryi</i>	Parry bellflower	None found
<i>Campanula rotundifolia</i>	Harebell; bluebell	<i>Campanula petiolata</i> A. DC.
<i>Capsella bursa-pastoris</i>	Shepherd's purse	<i>Capsella rubella</i> Erepen
<i>Cardamine cordifolia</i>	Heartleaf bittercress	<i>Cardamine lyallii</i> (Wats.) A. Nels. & J. F. Macbr.
<i>Cardaria draba</i>	Hoary Cress	
<i>Carduus nutans</i>	Musk-thistle	
<i>Carex aquatilis</i>	Water sedge	None found
<i>Carex bella</i>	Sedge	None found
<i>Carex bolanderi</i>	Bolander Sedge	
<i>Carex brevior</i>	Brevior Sedge	
<i>Carex canescens</i>	Silvery Sedge	None found
<i>Carex douglasii</i>	Douglas Sedge	
<i>Carex eleocharis</i>	Sedge	<i>Carex stenophylla</i> var <i>elocharis</i> (Bailey) Bretung
<i>Carex festivella</i>	Meadow sedge	None found
<i>Carex foenea</i>	Alpine sedge	<i>Carex siccata</i> Dewey
<i>Carex geophila</i>	Sedge	None found

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<i>Carex hystericina</i>	Bottlebrush Sedge	
<i>Carex interior</i>	Inland sedge	None found
<i>Carex lanuginosa</i>	Marsh Sege	
<i>Carex nebraskensis</i>	Nebraska sedge	None found
<i>Carex occidentalis</i>	Rocky Mountain Sedge	
<i>Carex praegracilis</i>	Sedge	None foun
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Carex scoparia</i>	Broom sedge	None found
<i>Carex stipata</i>	Sedge	None found
<i>Carex xerantica</i>	Stiff sedge	None found
<i>Castilleja confusa</i>	Paintbrush	<i>Castilleja inconstans</i> Standl.
<i>Castilleja integra</i>	Indian paintbrush; foothills paintbrush	<i>Castilleja gloriosa</i> Britt.; <i>C. tomentosa</i> Gray
<i>Castilleja linariaefolia</i>	Paintbrush	None found
<i>Castilleja lineata</i>	Paintbrush; yellow paintbrush	None found
<i>Castilleja miniata</i>	Scarlet paintbrush	<i>Castilleja crista-galli</i> Rydb.
<i>Castilleja minor</i>	Indian paintbrush; painted cup	<i>Castilleja exilis</i> A. Nels.; <i>C. stricta</i> Rydb.
<i>Castilleja rhexifolia</i>	Splitleaf paintbrush	<i>Castilleja trinervis</i> Rydb.; <i>C. obtusiloba</i> Rydb.; <i>C. lancefolia</i> Rydb.
<i>Ceanothus fendleri</i>	Buckbrush; deerbrier; deerbrush	None found
<i>Celtis reticulata</i>	Netleaf hackberry; sugarberry; palo blanco	<i>Celtis laevigata</i> var. <i>reticulata</i> L. Benson
<i>Cenchrus echinatus</i>	Sandbur	None found
<i>Cenchrus pauciflorus</i>	Field sandbur	None found
<i>Centaureum calycosum</i>	Centauray	<i>Erythea calycosa</i> Buckl.
<i>Cerastium arvense</i>	Meadow chickweed	
<i>Cerastium brachypodium</i>	Mouse-ear chickweed	None found
<i>Cerastium vulgatum</i>	Common Mousies Ears Chickweed	
<i>Cercarpus montanus</i> var. <i>montanus</i>	Adder-leaf mountain-mahogany	None found
<i>Cercarpus montanus</i> var. <i>paucidentatus</i>	Mountain mahogany	<i>C. breviflorus</i> Gray; <i>C. paucidentatus</i> (Wats.) Britt.
<i>Chamaesaracha coniooides</i>	Chamaesaracha	<i>Solanum coniooides</i> Moric; <i>Chamaesaracha sorida</i> (Dunal) Gray
<i>Chamaesaracha coronopus</i>	Chamaesaracha	<i>Solanum coronopus</i> Dunal
<i>Cheilanthes feei</i>	Fee's Lip-fern	
<i>Cheilanthes fendleri</i>	Fendler's lip fern	None found
<i>Cheilanthes tomentosa</i>	Tomentosa Lip-fern	
<i>Cheilanthus eatonii</i>	Eaton's lipfern	None found
<i>Chenopodium albescens</i>	Goosefoot	<i>Chenopodium berlandieri</i> subsp. <i>zschackei</i> var. <i>glaucoviride</i> Aellen
<i>Chenopodium album</i>	Lamb's quarters	None found
<i>Chenopodium berlandieri</i>	Goosefoot	None found
<i>Chenopodium capitatum</i>	Strawberry blite	<i>Blitum capitatum</i> L.
<i>Chenopodium cycloides</i>	Goosefoot	None found

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<i>Chenopodium desiccatum</i> var. <i>desiccatum</i>	Goosefoot	<i>Chenopodium pratericola</i> Rydb. subsp. <i>desiccatum</i>
<i>Chenopodium desiccatum</i> var. <i>leptophylloides</i>	Goosefoot	<i>Chenopodium pratericola</i> var. <i>leptophylloides</i> Aellen
<i>Chenopodium fremontii</i>	Fremont's goosefoot	None found
<i>Chenopodium gigantospermum</i>	Maple-leaved goosefoot	<i>Chenopodium hybridum</i> var. <i>gigantospermum</i> (Aellen) Rouleau
<i>Chenopodium glaucum</i>	Oak-leaved goosefoot	None found
<i>Chenopodium graveolens</i> var. <i>neomexicanum</i>	Goosefoot	<i>Chenopodium incisum</i> Poir; <i>C. cornutum</i> (Torr.) Benth; <i>C. incisum</i> var. <i>neomex.</i>
<i>Chenopodium incanum</i>	Goosefoot	<i>Chenopodium fremontii</i> var. <i>incanum</i> Wats.
<i>Chenopodium leptophyllum</i>	Goosefoot	<i>Chenopodium album</i> var. <i>leptophyllum</i> Moq.; <i>C. oblongifolium</i> Rydb.
<i>Chenopodium rubrum</i>	Red Goosefoot	
<i>Chenopodium watsonii</i>	Goosefoot	None found
<i>Chimaphila umbellata</i>	Pipsissewa	<i>Chimaphila acuta</i> Rydb.
<i>Chloris virgata</i>	Feather fingergrass	<i>Chloris elegans</i> H. B. K.
<i>Chrysopsis villosa</i>	Golden aster	<i>Amellus villosus</i> Pursh; <i>C. hispida</i> (Hook.) DC.
<i>Chrysothamnus nauseosus</i> subsp. <i>bigelovii</i>	Bigelow rabbit bush	<i>Linosyris bigelovii</i> Gray; <i>Chrysothamnus bigelovii</i> (Gray) Greene
<i>Chrysothamnus nauseosus</i> subsp. <i>latisquameus</i>	Rabbit bush	See Foxx & Tierney (1985)
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Chrysothamnus parryi</i> subsp. <i>attenuatus</i>	Parry's Rabbitbrush	
<i>Chrysothamnus parryi</i> subsp. <i>howardii</i>	Parry's Rabbitbrush	
<i>Chrysothamnus visidiflorus</i> subsp. <i>viscidiflorus</i>	Sticky rabbit bush	<i>Chrysothamnus glaucus</i> A. Nels.; <i>C. serrulatus</i> Rydb.
<i>Cicuta douglasii</i>	Western water-hemlock	<i>Cicuta occidentalis</i> Greene
<i>Circaea alpina</i>	Dwarf's enchanter's nightshade	None found
<i>Cirsium neomexicanum</i>	New Mexico thistle	<i>Carduus neomexicanum</i> (Gray) Greene; <i>Cnicus neomexicanus</i> Gray
<i>Cirsium ochocentrum</i>	Santa Fe Thistle	<i>Cnicus ochocentrus</i> Gray; <i>Carduus ochocentrus</i> (Gray) Greene
<i>Cirsium pallidum</i>	Yellow thistle; pale thistle	<i>Carduus pallidus</i> Woot. & Standl.
<i>Cirsium parryi</i>	Parry thistle	<i>Cnicus parryi</i> Gray; <i>Carduus parryi</i> (Gray) Greene
<i>Cirsium pulchellum</i>	Thistle	<i>Carduus pulchellus</i> Greene
<i>Cirsium undulatum</i>	Wavyleaf thistle	<i>Carduus undulatus</i> Nutt; <i>Cnicus undulatus</i> (Nutt) Gray; <i>Cirsium perennans</i> (Greene) W&S
<i>Cirsium vulgare</i>	Bull thistle	
<i>Clematis drummondii</i>	Drummond clematis	None found
<i>Clematis ligusticifolia</i>	Western virgin's bower	None found
<i>Clematis pseudoalpina</i>	Rocky Mountain clematis	<i>Atragene pseudoalpina</i> (Kuntze) Rydb.
<i>Cleome serrulata</i>	Rocky Mountain bee-plant; beeweed; spider-weed	<i>Peritoma serrulatum</i> (Pursh) DC.; <i>Cleome integrifolium</i> Torr. & Gray
<i>Clinopodium vulgare</i>	Wild basil	None found
<i>Collomia linearis</i>	Collomia	<i>Gilia linearis</i> (Nutt.) Gray; <i>Navarretia linearis</i> (Nutt.) Kuntze
<i>Comandra pallida</i>	Bastard toadflax	None found
<i>Commelina dianthifolia</i>	Dayflower	None found
<i>Conopholis mexicana</i>	Mexican Squawroot	
<i>Convolvulus arvensis</i>	Field bindweed	None found

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<i>Convolvulus sepium</i>	Hedge bindweed	None found
<i>Conyza canadensis</i>	Horseweed	<i>Erigeron canadensis</i> L.; <i>Leptilon canadensis</i> (L.) Britt. & Brown
<i>Corallorhiza maculata</i>	Spotted coralroot	<i>C. multiflora</i> Nutt.
<i>Corallorhiza striata</i>	Striped coralroot	<i>Corallorhiza vreelandii</i> Rydb.; <i>C. striata</i> var. <i>vreelandii</i> (Rydb.) L. O. Wms.
<i>Cordylanthus wrightii</i>	Wright clubflower	<i>Adenostegia wrightii</i> (Gray) Greene
<i>Coreopsis cardaminefolia</i>	Tickseed	<i>Calliopsis cardaminefolia</i> DC.
<i>Coreopsis tinctoria</i>	Calliopsis	None found
<i>Coriandrum sativum</i>	Coriander	None found
<i>Cornus stolonifera</i>	Red-osier dogwood; cornel wood	<i>Cornus instoloneus</i> A. nels.; <i>C. sericea</i> L. subsp. <i>stolonifera</i> (Michx) Fosberg
<i>Corydalis aurea</i>	Golden smoke	<i>Capnoides aureum</i> (Willd.) Kuntze; <i>C. euchlamydeum</i> Woot. & Standl.
<i>Coryphantha vivipara</i>	Pincushion cactus	<i>Mammillaria vivipara</i> (Nutt.) Haw.
<i>Cosmos parviflorus</i>	Cosmos	None found
<i>Crataegus erythropoda</i>	Hawthorn	<i>C. cernonis</i> A. Nels.
<i>Croton texensis</i>	Doveweed	<i>Croton luteovirens</i> Woot. & Standl.
<i>Cryptantha fendleri</i>	Fendler hiddenflower	<i>Cryptantha ramulosissima</i> A. Nels.; <i>Krynitzkia fendleri</i> Gray
<i>Cryptantha jamesii</i>	James hiddenflower	None found
<i>Cryptantha minima</i>	Hiddenflower	
<i>Cryptogramma crispa</i> var. <i>acrostichoides</i>	Mountain parsley	<i>Cryptogramma acrostichoides</i> R. Br.
<i>Cucurbita foetidissima</i>	Buffalo gourd; coyote melon	<i>Pepo foetidissima</i> (H. B. K.) Britt.; <i>Cucurbita perennia</i> Gray
<i>Cuscuta campestris</i>	Dodder	
<i>Cuscuta umbellata</i>	Dodder	None found
<i>Cymopterus bulbosus</i>	Water-parsnip	<i>Phellopterus utahensis</i> (M. E. Jones)Woot. & Standl.; <i>P. bulbosus</i> (A.Nels.)C. & R.
<i>Cynodon dactylon</i>	Bermuda grass	None found
<i>Cynosurus echinatus</i>	Awned Dogtail	
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Cyperus aristatus</i>	Sedge	
<i>Cyperus esculentus</i>	Yellow nutsedge	None found
<i>Cyperus fendlerianus</i>	Fendler flatsedge	None found
<i>Cyperus rivularis</i>	River Nutgrass	
<i>Cypripedium calceolus</i> var. <i>pubescens</i>	Yellow Lady's Slipper	
<i>Cystopteris fragilis</i>	Brittle fern	<i>Polypodium fragilis</i> L.; <i>Filix fragilis</i> (L.) Gilib.
<i>Dactylis glomerata</i>	Orchard grass	None found
<i>Dalea brachystachys</i>	Indigobush	None found
<i>Dalea formosa</i>	Fendler indigobush	<i>Parosela formosa</i> (Torr.) Vail
<i>Dalea leporina</i>	Indigobush	
<i>Dalea nana</i>	Dwarf indigobush	<i>Parosela nana</i> (Torr.) Heller
<i>Dalea polygonoides</i>	Six-weeks indigobush	<i>Parosela polygonoides</i> (Gray) Heller
<i>Dalea terminalis</i>	Spreading indigobush	<i>Parosela terminalis</i> (M. E. Jones) Heller

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<i>Danthonia intermedia</i>	Timber oatgrass	None found
<i>Danthonia parryi</i>	Parry danthonia; Parry oatgrass	None found
<i>Danthonia spicata</i>	Poverty oatgrass	None found
<i>Datura meteloides</i>	Indian-apple; sacred datura; jimson weed	None found
<i>Delphinium occidentale</i>	Tall purple larkspur	None found
<i>Delphinium virescens</i> subsp. <i>wootonii</i>	White larkspur	Dephinium wootonii Rydb.
<i>Deschampsia caespitosa</i>	Tufted hairgrass	None found
<i>Descurainia obtusa</i> subsp. <i>obtusa</i>	Desert tansy mustard	Sophia obtusa Greene
<i>Descurainia pinnata</i>	Tansy mustard	None found
<i>Descurainia richardsonii</i>	Tansy mustard	Sopia procera Greene
<i>Descurainia richardsonii</i> subsp. <i>incisa</i>	Western Tansy Mustard	
<i>Descurainia richardsonii</i> subsp. <i>procera</i>	Western Tansy Mustard	
<i>Descurainia sophia</i>	Tansy mustard	None found
<i>Descurainia richardsonii</i> subsp. <i>viscosa</i>	Western Tansy Mustard	
<i>Distichlis spicata</i>	Inland saltgrass	None found
<i>Distichlis stricta</i>	Desert Saltgrass	
<i>Dithyrea wislizenii</i>	Spectacle pod	<i>Dithyrea griffithsii</i> Woot. & Standl.; <i>D. wislizenii</i> var <i>griffithsii</i> (W. & S.)Payson
<i>Dodecatheon alpinum</i>	Shooting star	None found
<i>Dodecatheon pulchellum</i>	Shooting star; southern shooting star	<i>Dodecatheon radicum</i> Greene
<i>Draba aurea</i> var. <i>aurea</i>	Whitlow grass	None found
<i>Draba helleriana</i> var. <i>helleriana</i>	Whitlow grass	None found
<i>Draba rectifracta</i>	Whitlow grass	<i>Draba montana</i> Wats.
<i>Draba reptans</i>	Whitlow Grass	
<i>Draba spectabilis</i>	Whitlow grass	None found
<i>Dryopteris filix-mas</i>	Male-fern	<i>Polypodium felix-mas</i> L.
<i>Dyssodia papposa</i>	Fetid marigold; dogweed	<i>Boebera papposa</i> (Vent.) Rydb.; <i>Tagetes papposa</i> Vent.
<i>Dyssodia thurberi</i>	Dogweed	<i>Thymophylla thurberi</i> (Gray) Woot.&Standl.; <i>Hymenatherum thurberia</i> Gray
<i>Echinocereus fendleri</i>	Fendler hedgehog cactus	<i>Cercus fendleri</i> Engelm., <i>C. fendleri</i> var <i>pauperculus</i>
<i>Echinocereus triglochidiatus</i> var. <i>triglochidiatus</i>	Strawberry hedgehog cactus; claret-cup hedgehog	None found
<i>Echinocereus triglochidiatus</i> var. <i>melanacanthus</i>	Hedgehog cactus	<i>Echinocereus coccineus</i> Engelm.; <i>E. melanacanthus</i> Engelm.; <i>E. conoideus</i> Engelm.
<i>Echinocereus viridiflorus</i> var. <i>viridiflorus</i>	Green pitaya; green-flowered hedgehog	None found
<i>Echinochloa crusgalli</i>	Barnyard grass	None found
<i>Elaeagnus angustifolia</i>	Russian olive	None found
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Eleocharis macrostachya</i>	Pale Spikerush	
<i>Elymus canadensis</i>	Canada wild rye	None found
<i>Elymus glaucus</i>	Blue wild rye	None found
<i>Elymus virginicus</i>	Virginia wild rye	None found

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<i>Ephedra torreyana</i>	Torrey Joint-fir	
<i>Ephedra viridis</i> var <i>viridis</i>	Green joint-fir; Mormon tea	None found
<i>Epilobium angustifolium</i>	Fireweed	Chamenerion angustifolium (L.) Scop.
<i>Epilobium ciliatum</i>	Willowweed	See Foxx & Tierney (1985)
<i>Epilobium oregonense</i>	Willowweed	None found
<i>Epilobium paniculatum</i>	Autumn willowweed	See Foxx & Tierney (1985)
<i>Epipactis gigantea</i>	Helleborine	None found
<i>Equisetum arvense</i>	Smooth horsetail	None found
<i>Equisetum hiemale</i>	Scouring-rush	<i>Equisetum robustum</i> A. Br.; <i>E. prealtum</i>
<i>Equisetum laevigatum</i>	Smooth horsetail	<i>Equisetum kansanum</i> Schaffn.
<i>Eragrostis arida</i>	Desert lovegrass	None found
<i>Eragrostis barrelieri</i>	European lovegrass	None found
<i>Eragrostis cilianensis</i>	Stinking Lovegrass	
<i>Eragrostis curvula</i>	Weeping Lovegrass	
<i>Eragrostis hypnoides</i>	Creeping Lovegrass	
<i>Eragrostis pectinacea</i>	Caroline Lovegrass	
<i>Eragrostis trichodes</i>	Sand Lovegrass	
<i>Erigeron canus</i>	Hoary fleabane	<i>Wyomingia cana</i> (Gray) A. Nels.
<i>Erigeron divergens</i>	Spreading fleabane	<i>Erigeron wootonii</i> Rydb.; <i>E. divergens</i> var. <i>typicus</i> Cronq.
<i>Erigeron elatior</i>	Fleabane	None found
<i>Erigeron flagellaris</i>	Trailing fleabane	See Foxx & Tierney (1985)
<i>Erigeron formosissimus</i> var <i>formosissimus</i>	Fleabane	See Fox & Tierney (1985)
<i>Erigeron formosissimus viscidus</i>	Itchy Fleabane	
<i>Erigeron nudiflorus</i>	Fleabane	See Foxx & Tierney (1985)
<i>Erigeron peregrinus</i> subsp. <i>callianthemus</i>	Fleabane	<i>Erigeron callianthemus</i> Greene; <i>E. salsuginosus</i> (Richards.) Gray
<i>Erigeron philadelphicus</i>	Common Fleabane	None found
<i>Erigeron platyphyllus</i>	Fleabane	<i>Erigeron rudis</i> Woot. & Standl.; <i>E. sermirus</i> Woot. & Standl.
<i>Erigeron pumilus</i> subsp. <i>concinoides</i>	Fleabane	<i>Erigeron concinnus</i> Torr. & Gray; <i>E. setulosus</i> Greene
<i>Erigeron rhizomatus</i>	Ciliate Fleabane	
<i>Erigeron simplex</i>	Fleabane	<i>Erigeron leucotrichus</i> Rydb.
<i>Erigeron speciosus</i> var. <i>macranthus</i>	Fleabane	<i>Erigeron leiophyllus</i> Greene; <i>E. macranthus</i> Nutt.
<i>Erigeron subtrinervis</i>	Fleabane	<i>Erigeron bakeri</i> Woot. & Standl.; <i>E. subtrinervis</i> subsp. <i>typicus</i> Cronq.
<i>Erigeron superbus</i>	Fleabane	None found
<i>Erigeron utahensis</i>	Fleabane	None found
<i>Erigeron vetensis</i>	Fleabane	None found
<i>Eriochloa gracilis</i>	Southwestern cupgrass	None found
<i>Eriogonum abertianum</i>	Wild buckwheat	None found
<i>Eriogonum alatum</i>	Winged wild buckwheat	None found
<i>Eriogonum annuum</i>	Annual wild buckwheat	None found

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<i>Eriogonum cernuum</i>	Nodding wild buckwheat	None found
<i>Eriogonum effusum</i>	Wild buckwheat	<i>Eriogonum effusum</i> subsp <i>typicum</i> Stokes
<i>Eriogonum jamesii</i>	Antelope-sage; James eriogonum	None found
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Eriogonum leptocladon</i>	Wild buckwheat	See Foxx & Tierney (1985)
<i>Eriogonum polycladon</i>	Sorrel wild buckwheat	<i>Eriogonum polycladon</i> v. <i>crispum</i> Grand.; <i>E. vimineum</i> sp. <i>polycladon</i> (Benth.) Stoke
<i>Eriogonum racemosum</i>	Redroot wild buckwheat	None found
<i>Erodium cicutarium</i>	Alfilaree; redstemmed filaree	<i>Geranium cicutarium</i> L.
<i>Erysimum asperum</i>	Plainst wallflower	<i>Erysimum asperrimum</i> (Greene) Rydb. <i>E. bakeri</i> Rydb.; <i>Cheirinia arida</i> Greene
<i>Erysimum capitatum</i>	Western wallflower	<i>Erysimum elatum</i> Nutt.; <i>E. whelleria</i> Rothr.
<i>Erysimum inconspicuum</i>	Wallflower	See Foxx & Tierney (1985)
<i>Eupatorium herbaceum</i>	Desert thoroughwort	None found
<i>Euphorbia albomarginata</i>	Rattlesnake weed	See Foxx & Tierney (1985)
<i>Euphorbia dentata</i>	Spurge	<i>Poinsettia dentata</i> (Michx.) Klotzsch & Garcke
<i>Euphorbia dentata</i> var. <i>cuphosperma</i>	Spurge	See Foxx & Tierney (1985)
<i>Euphorbia exstipulata</i>	Spurge	<i>Zygophyllidium exstipulatum</i> (Engelm.) Woot. & Standl.
<i>Euphorbia fendleri</i> var. <i>fendleri</i>	Fendler spurge	<i>Chamaesyce fendleri</i> (Torr. & Gray) Small
<i>Euphorbia geeyeri</i>	Spurge	<i>Chamaesyce geeyeri</i> (Engelm.) Small
<i>Euphorbia lurida</i>	Spurge	<i>Tithymalus luridus</i> (Engelm.) Woot. & Standl.
<i>Euphorbia missurica</i> var. <i>intermedia</i>	Missouri spurge	<i>Euphorbia petaloidea</i> Engelm.; <i>Chamaesyce petaloidea</i> (Engelm.) Small
<i>Euphorbia neomexicana</i>	New Mexico Spurge	<i>Chamaesyce neomexicana</i> (Greene) Standl.
<i>Euphorbia revoluta</i>	Spurge	<i>Chamaesyce revoluta</i> (Engelm.) Small
<i>Euphorbia robusta</i>	Spurge	
<i>Euphorbia serpyllifolia</i>	Thymeleaf spurge	See Foxx & Tierney (1985)
<i>Eurotia lanata</i>	Winterfat; white sage	<i>Diotis lanata</i> Pursh; <i>E. subspinoea</i> Rydb.
<i>Evolvulus pilosus</i>	Morning bouquet	
<i>Fallugia paradoxa</i>	Apache plume	<i>Siversia paradoxa</i> D. Don
<i>Fendlera rupicola</i> var. <i>rupicola</i>	Cliff fendlerbush	None found
<i>Festuca arizonica</i>	Arizona fescue	None found
<i>Festuca elatior</i>	Meadow fescue	<i>Festuca pratensis</i>
<i>Festuca octoflora</i>	Six-weeks fescue	<i>Vulpia octoflora</i> (Walt.) Rydb.
<i>Festuca ovina</i>	Sheep fescue	None found
<i>Festuca sororia</i>	Fescue	None found
<i>Festuca thurberi</i>	Thruer fescue	None found
<i>Forestiera neomexicana</i>	New Mexico Olive	<i>Adelia neomexicana</i> (Gray) Kuntze; <i>Forestiera pubescens</i> var. <i>glabrifolia</i> Shinnars
<i>Fragaria americana</i>	Bracted strawberry, wild strawberry	<i>Fragaria bracteata</i> Heller
<i>Fragaria ovalis</i>	Wild strawberry	<i>Potentilla ovalis</i> Lehm.; <i>Fragaria firma</i> Rydb.
<i>Franseria acanthicarpa</i>	Burweed; bursage	<i>Ambrosia acanthicarpa</i> Hook.; <i>Gaerineria acanthicarpa</i> (Hook.) Britt.

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<i>Franseria confertiflora</i>	Bursage	<i>Franseria tenuifolia</i> Gray; <i>Gaerineria tenuifolia</i> (Gray) Kuntze
<i>Gaillardia pinnatifida</i>	Firewheel	<i>Gaillardia multiceps</i> Greene
<i>Galium aparine</i>	Bedstraw; goosegrass	None found
<i>Galium asperrimum</i>	Roughstemmed bedstraw	None found
<i>Galium boreale</i>	Northern bedstraw	None found
<i>Galium fendleri</i>	Fendler bedstraw	None found
<i>Galium microphyllum</i>	Littleleaf bedstreaw	<i>Relbunium microphyllum</i> Hemsl.
<i>Galium tinctorum</i> var. <i>subbiflorum</i>	Bedstraw	<i>Galium trifidum</i> var. <i>subbiflorum</i> Wieg.
<i>Gaura coccinea</i>	Scarlet gaura	See Foxx & Tierney (1985)
<i>Gaura parviflora</i>	Willowweed	See Foxx & Tierney (1985)
<i>Gentiana affinis</i>	Pleated gentian, prairie gentian	<i>Dasystephana affinis</i> (Griseb.) Rydb.
<i>Gentiana bigelovii</i>	Bigelow closed-gentian	<i>Dasystephana bigelovii</i> (Gray) Rydb.; <i>Gentiana interrupta</i> Greene
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Gentiana plebeia</i>	Gentian	<i>Amarella plebeia</i> (Cham.) Greene; <i>Gentiana scopulorum</i> Greene
<i>Gentiana strictiflora</i>	Gentian; rose gentian	<i>Amarella strictiflora</i> (Rydb.) Greene
<i>Geranium caespitosum</i>	Purple geranium; James geranium	<i>Geranium atropurpureum</i> Heller
<i>Geranium fremontii</i>	Fremont geranium	None found
<i>Geranium fremontii</i> var. <i>parryi</i>	Parry geranium	<i>Geranium parryi</i> (Engelm.) Heller
<i>Geranium richardsonii</i>	Richardson geranium	None found
<i>Geum macrophyllum</i> var. <i>perincisum</i>	Cutleaf avens	<i>Geum oregonense</i> (Scheutz) Rydb.; <i>G. perincisum</i> Rydb.
<i>Geum rivale</i>	Water avens	None found
<i>Geum strictum</i> var. <i>strictum</i>	Yellow avens	None found
<i>Geum triflorum</i> var. <i>ciliatum</i>	Old-man's whiskers	<i>Geum ciliatum</i> Pursh; <i>Sieversia ciliata</i> (Pursh) G. Don.; <i>S. grisea</i> (Greene) Rydb.
<i>Gilia flavocincta</i> subsp. <i>australis</i>	Gilia	
<i>Gilia leptomeria</i>	Gilia	None found
<i>Gilia pinnatifida</i>	Gilia	<i>Gilia calcarea</i> M. E. Jones; <i>G. viscida</i> Woot. & Standl.
<i>Glyceria borealis</i>	Notern manna grass	<i>Panicularia boealis</i> Nash
<i>Glyceria grandis</i>	Manna Grass	
<i>Glyceria striata</i>	Fowl manna grass	<i>Glyceria nervata</i> Trin.; <i>G. striata</i> var. <i>stricta</i> Scribn. Fern.
<i>Glycyrrhiza lepidota</i>	Wild licorice	<i>Liquivita lepidota</i> Nutt.
<i>Gnaphalium chilense</i>	Broad-leaved Cottony Everlasting	
<i>Gnaphalium chilense</i>	Cudweed everlasting; cottony everlasting	<i>Gnaphalium sulphurescens</i> Rydb.
<i>Gnaphalium grayi</i>	Narrow-leaved Cottony Everlasting	
<i>Gnaphalium macounii</i>	Winged Cudweed	
<i>Gnaphalium palustre</i>	Marsh Cudweed	
<i>Gnaphalium wrightii</i>	Wright's Cudweed	
<i>Goodyera oblongifolia</i>	Giant rattlesnake plantain	See Foxx & Tierney (1985)
<i>Goodyera repens</i>	Dwarf rattlesnake plantain	<i>Peramium ophiodes</i> (Fern.) Rydb.; <i>Goodyera repens</i> var. <i>ophiodes</i> Fern.

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<i>Grindelia aphanactis</i>	Gumweed	<i>Grindelia pinnatifida</i> Woot. & Standl.
<i>Grindelia fastigiata</i>	Gumweed	None found
<i>Grindelia squarrosa</i>	Curlycup gumweed	<i>Donia squarrosa</i> Pursh
<i>Gutierrezia microcephala</i>	Snakeweed	See Foxx & Tierney (1985)
<i>Gutierrezia sarothrae</i>	Snakeweed	See Foxx & Tierney (1985)
<i>Habenaria hyperborea</i>	Bog Orchid	
<i>Habenaria sparsiflora</i>	Bog orchid	<i>Limnorchis sparsiflora</i> (Wats.) Rydb.; <i>L. laxiflora</i> Rydb.; <i>L. ensifolia</i> Rydb.
<i>Hackelia floribunda</i>	Beggarlice; stickseed	<i>Lappula floribunda</i> (Lehm.) Greene
<i>Hackelia grisea</i>	Beggarlice	
<i>Hackelia pinetorum</i>	Beggarlice; stickseed	<i>Lappula pinetorum</i> Greene
<i>Haplopappus croceus</i>	Snowy Goldenweed	
<i>Haplopappus gracilis</i>	Goldenweed	<i>Sideranthus gracilis</i> (Nutt.) Rydb.; <i>Dieteria gracilis</i> Nutt.
<i>Haplopappus nuttallii</i>	Nuttall goldenweed	<i>Sideranthus grindelioides</i> (Nutt.) Britt.; <i>Machaeranthera grindelioides</i> (Nutt.) Shinn.
<i>Haplopappus parryi</i>	Parry goldenweed	<i>Oreochrysum parryi</i> (Gray) Rydb.
<i>Haplopappus spinulosus</i> subsp. <i>spinulosus</i>	Spiny goldenweed	None found
<i>Hedeoma drummondii</i>	False pennyroyal	<i>Hedeoma ciliata</i> Nutt.; <i>H. lata</i> Small; <i>H. sancta</i> Small
<i>Hedeoma nana</i>	False pennyroyal	<i>Hedeoma dentata</i> var. <i>nana</i> Torr.; <i>H. thymoides</i> Gray
<i>Hedeoma oblongifolia</i>	False Pennyroyal	<i>Hedeoma piperita</i> var. <i>oblongifolia</i> Gray; <i>H. thymoides</i> var. <i>oblongifolia</i> Gray
<i>Hedeoma pulcherrima</i>	False Pennyroyal	
<i>Helenium autumnale</i> var. <i>montanum</i>	Winged Sneezeweed	
<i>Helenium hoopesii</i>	Orange sneezeweed	<i>Dugaldea hoopesii</i> (Gray) Rydb.
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Helianthella quinquenervis</i>	Nodding wood-sunflower	<i>Helianthella majuscula</i> Greene; <i>H. quinquenervis</i> Hook.
<i>Helianthus annuus</i>	Annual sunflower	<i>H. aridis</i> Rydb.
<i>Helianthus arizonensis</i>	ackson	None found
<i>Helianthus petiolaris</i>	Prairie Sunflower	None found
<i>Helianthus rigidus</i> subsp. <i>subrhomboides</i>	Mesa Sunflower	
<i>Heracleum lanatum</i>	Cow-parsnip	None found
<i>Heuchera parvifolia</i>	Alumroot	None found
<i>Hieracium carneum</i>	Hawkweed	
<i>Hieracium fendleri</i>	Fendler hawkweed	<i>Heteropleura fendleria</i> (Sch. Bip.) Rydb.
<i>Hierochloa odorata</i>	Holy grass; vanilla grass	<i>Savastana odorata</i> (L.) Scribn.
<i>Hilaria jamesii</i>	Galleta	<i>Pleuraphis jamesii</i> Torr.
<i>Holodiscus dumosus</i>	Ocean-spray; rock-spiraea	See Foxx & Tierney (1985)
<i>Hordeum brachyantherum</i>	Meadow barley	None found
<i>Hordeum jubatum</i>	Foxtail barley	None found
<i>Humulus americanus</i>	American hop; common hop	<i>Humulus lupulus</i> var. <i>neomexicanus</i> Nels. & Cockl.
<i>Humulus americanus</i>	American Hops	

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<i>Hydrophyllum fendleri</i>	Squaw lettuce; western waterleaf	<i>Hydrophyllum occidentale</i> var. <i>fendleri</i> Gray
<i>Hymenopappus filifolius</i>	White ragweed	None found
<i>Hymenopappus flavescens</i> var. <i>cano-tomentosus</i>	Yellow Ragweed	
<i>Hymenopappus newberryi</i>	White ragweed	<i>Leucampyz newberryi</i> Gray
<i>Hymenopappus tenuifolius</i>	White ragweed	<i>Rothia tenuifolia</i> Kuntze
<i>Hymenoxys acaulis</i> var. <i>acaulis</i>	White ragweed	<i>Actinea acaulis</i> (Pursh) Spreng.; <i>A. depressa</i> v. <i>pygmaea</i> Gray; <i>Tetraneuris acaulis</i>
<i>Hymenoxys acaulis</i> var. <i>arizonica</i>	White ragweed	See Foxx & Tierney (1985)
<i>Hymenoxys argentea</i>	Perky Sue; bitterweed	<i>Actinella leptoclada</i> (Gray) Greene; <i>A. argentea</i> Gray; <i>A. formosa</i> A. Nels.
<i>Hymenoxys brandegei</i>	Bitterweed	<i>Actinella brandegei</i> Porter; <i>Rydbergia b.</i> (Porter) Rydb.; <i>Actinea b.</i> (Porter) Rydb.
<i>Hymenoxys ivesiana</i>	Bitterweed	<i>Tetraneuris ivesiana</i> Greene; <i>Hymenoxys acaulis</i> var. <i>ivesiana</i> (Greene) Parker
<i>Hymenoxys richardsonii</i> var. <i>floribunda</i>	Pinque; Colorado rubberweed	See Foxx & Tierney (1979)
<i>Hyoscyamus niger</i>	Henbane	None found
<i>Hypericum formosum</i>	Western St. John's-wort	<i>Hypericum scouleri</i> Hook.; <i>H. formosum</i> var. <i>scouleri</i> (Hook.) Coult.
<i>Ipomoea coccinea</i>	Star-glory	<i>Quamoclit coccinea</i> (L.) Moench
<i>Ipomoea hederacea</i>	Ivy-leaved morning-glory	<i>Pharbitis hederacea</i> (L.) Choisy
<i>Ipomopsis aggregata</i> subsp. <i>aggregata</i>	Skyrocket, scarlet trumpet	See Foxx & Tierney (1985)
<i>Ipomopsis aggregata</i> subsp. <i>texana</i>	Texas ipomopsis	<i>Gilia texana</i> (Greene) Woot. & Standl.
<i>Ipomopsis laxiflora</i>	<i>Ipomopsis</i>	<i>Gilia laxiflora</i> (Coult.) Osterh.; <i>G. macombii</i> var. <i>laxiflora</i> Coult.
<i>Ipomopsis longiflora</i>	Blue gilia; blue trumpet; pale trumpetq	<i>Gilia longiflora</i> (Torr.) G. Don
<i>Ipomopsis multiflora</i>	<i>Ipomopsis</i>	<i>Gilia multiflora</i> Nutt.; <i>g. brachysiphon</i> Woot. & Standl.
<i>Ipomopsis pumila</i>	<i>Ipomopsis</i>	<i>Gilia pumila</i> Nutt.
<i>Iris missouriensis</i>	Blue flag	None found
<i>Iva axillaris</i>	Poverty marsh-elder	None found
<i>Iva xanthifolia</i>	Marsh-elder; clotbur	<i>Cyclochaena xanthifolia</i> (Nutt.) Fresn.
<i>Jamesia americana</i>	Cliffbush	<i>Edwinia americana</i> (Torr. & Gray) Heller
<i>Juncus balticus</i> var. <i>montanus</i>	Wire rush	None found
<i>Juncus bufonius</i>	Toad rush	None found
<i>Juncus confusus</i>	Rush	None found
<i>Juncus drummondii</i>	Drummond rush	None found
<i>Juncus interior</i>	Inland rush	None found
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Juncus longistylis</i> var. <i>longistylis</i>	Rush	None found
<i>Juncus marginatus</i>	Rush	<i>Juncus setosus</i> (Cov.) Small; <i>J. marginatus</i> var. <i>setosus</i> Cov.
<i>Juncus mexicanus</i>	Rush	<i>Juncus balticus</i> var. <i>mexicanus</i> (Willd.) Kuntze
<i>Juncus tenuis</i>	Soft Rush	
<i>Juncus torreyi</i>	Torrey Rush	<i>Juncus nodosus</i> var. <i>megacephalus</i> Torr.
<i>Juncus xiphioides</i>	Rush	
<i>Juniperus communis</i>	Dwarf juniper; ground-cedar	<i>Juniperus communis</i> var. <i>montana</i> Ait.; <i>J. sibirica</i> Burgsd.

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<i>Juniperus deppeana</i>	Alligator-bark juniper	<i>Juniperus pachyphloea</i> Torr.; <i>J. deppeana</i> var <i>pachyphloea</i> (Torr.) Martinez
<i>Juniperus monosperma</i>	One-seed juniper	See Foxx & Tierney (1985)
<i>Juniperus scopulorum</i>	Rocky mountain juniper	<i>Juniperus virginiana</i> var. <i>scopulorum</i> Lemmon
<i>Kallstroemia hirsutissima</i>	Hairy caltrop	None found
<i>Kochia scoparia</i>	Summer cypress	None found
<i>Koeleria cristata</i>	Junegrass	<i>Koeleria pyramidata</i> (Lam.) Beauv.
<i>Krigia biflora</i>	Dwarf-dandelion	
<i>Kuhnia chlorolepis</i>	False boneset	<i>Kuhnia rosmarinifolia</i> var <i>chlorolepis</i> (Woot. & Standl.) Blake
<i>Lactuca canadensis</i>	Canadian Lettuce	
<i>Lactuca graminifolia</i>	Grass-leaved lettuce	None found
<i>Lactuca ludoviciana</i>	Prickly lettuce	None found
<i>Lactuca pulchella</i>	Chickory-lettuce	<i>Lactuca tatarica</i> subsp. <i>pulchella</i> (Pursh) Stebbins
<i>Lactuca serriola</i>	Prickly lettuce	<i>Lactuca scariola</i> L.
<i>Lactuca spicata</i>	Spike Lettuce	
<i>Lappula echinata</i>	Stickseed	<i>L. lappula</i> (L.) Karnst.
<i>Lappula redowskii</i>	Stickseed	<i>Lappula occidentalis</i> (Wats.) Greene; <i>L. montanta</i> Greene; <i>L. calycosa</i> Rydb.
<i>Lappula texana</i>	Stickseed	<i>Lappula cupulata</i> (A. Gray) Rydb.; <i>L. heterosperma</i> Greene
<i>Lathyrus arizonicus</i>	Arizona peavine	None found
<i>Lathyrus leucanthus</i>	Peavine	None found
<i>Leersia oryzoides</i>	Cutgrass	
<i>Lemna minor</i>	Lesser duckweed	None found
<i>Lepidium medium</i> var <i>pubescens</i>	Hair peppergrass	See Foxx & Tierney (1985)
<i>Lepidium medium</i> var. <i>medium</i>	Peppergrass	<i>Lepidium intermedium</i> Gray; <i>L. virginicum</i> var <i>medium</i> (Greene) Hitchc.
<i>Lesquerella fendleri</i>	Bladderpod	<i>Lesquerella stenophylla</i> (Gray) Rydb.; <i>Vesciaria fendleri</i> Gray
<i>Lesquerella intermedia</i>	Bladderpod	<i>Lesquerella arizonica</i> Wats.
<i>Lesquerella rectipes</i>	Bladderpod	None found
<i>Leucelene ericoides</i>	Sand aster	See Foxx & Tierney (1985)
<i>Liatris punctata</i>	Dotted gayfeather	<i>Laciniaria punctata</i> (Hook.) Kuntze
<i>Ligusticum porteri</i>	Porter's lovage; osha; chuchupate	None found
<i>Lilium umbellatum</i>	Rocky Mountain lily; wood lily	<i>Lilium montanum</i> A. Nels.
<i>Limosella aquatica</i>	Northern mudwort	None found
<i>Linaria vulgaris</i>	Butter-and-eggs	None found
<i>Linum aristatum</i> var. <i>australe</i>	Flax	<i>Cathartolinum aristrale</i> (Heller) Small; <i>Linum australe</i> Heller; <i>L. rupestre</i> Engelm.
<i>Linum lewisii</i>	Western blue flax	None found
<i>Linum neomexicana</i>	New Mexico yellow flax	<i>Cathartolinum neomexicanum</i> (Greene) Small
<i>Linum puberulum</i>	Yellow flax	<i>Cathartolinum puberulum</i> (Engelm.) Small; <i>C. vestitum</i> Woot. & Standl.
<i>Linum rigidum</i> "complex"	Yellow Flax	
<i>Lithospermum cobrense</i>	Puccoon	None found
<i>Lithospermum incisum</i>	Fringed Puccoon	<i>Lithospermum linarifolium</i> Goldie; <i>L. angustifolium</i> Michx.; <i>L. oblongum</i> Greene

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<i>Lithospermum multiflorum</i>	Puccoon	None found
<i>Lobelia cardinalis</i> subsp. <i>graminae</i>	Western cardinal flower	<i>Lobelia splendens</i> Willd.
<i>Lolium perenne</i>	Perennial ryegrass	None found
<i>Lonicera involucrata</i>	Inkberry; bearberry honeysuckle	<i>Distegia involucrata</i> (Richards.) Raf.
<i>Lotus wrightii</i>	Deervetch	<i>Ansiolotus wrightii</i> (Gray) Rydb.
<i>Lupinus alpestris</i>	Lupine	None found
<i>Lupinus ammophilus</i>	Lupine	None found
<i>Lupinus argenteus</i>	Silvery lupine	None found
<i>Lupinus brevicaulis</i>	Short-stemmed Lupine	
<i>Lupinus caudatus</i> subsp. <i>argophyllus</i>	Lupine	<i>Lupinus aduncus</i> Greene; <i>L. argophyllus</i> (Gray) Cockll.
<i>Lupinus kingii</i>	King's lupine	None found
<i>Lupinus pusillus</i>	Low lupine; rusty lupine	<i>Lupinus pusillus</i> var. <i>intermontanus</i> (Heller) C. P. Smith
<i>Lupinus rubricaulis</i>	Purple lupine	None found
<i>Luzula parviflora</i>	Wood rush	<i>Juncus parviflora</i> Ehrh.; <i>Juncoides parviflorum</i> (Ehrh.) Cov.
<i>Lycium pallidum</i>	Pale wolfberry	None found
<i>Lycopus americanus</i>	American Bugleweed	
<i>Lycurus phleoides</i>	Wolf tail	None found
<i>Machaeranthera amplifolia</i>	Aster	<i>Aster amplifolius</i> (Woot. & Standl.) Kitell
<i>Machaeranthera bigelovii</i>	Bigelow aster	<i>Aster bigelovii</i> Gray; <i>Machaeranthera centaureoides</i> Greene
<i>Machaeranthera canescens</i>	Aster	
<i>Machaeranthera linearis</i>	Aster	<i>Machaeranthera cichoriacea</i> Greene; <i>Aster linearis</i> (Greene) Cory
<i>Machaeranthera tanacetifolia</i>	Aster	See Foxx & Tierney (1985)
<i>Machaeranthera tephrodes</i>	Aster	<i>Aster canescens</i> var. <i>tephrodes</i> Gray; <i>A. tephrodes</i> Blake
<i>Malacothrix fendleri</i>	Desert dandelion	None found
<i>Malaxis soulei</i>	Adder's mouth	<i>Microstylis montana</i> Rothr.; <i>Achroanthes montana</i> (Rothr.) Greene
<i>Malva negelecta</i>	Common mallow	None found
<i>Malva parviflora</i>	Cheeweed	None found
<i>Mammillaria wrightii</i>	Pincushion cactus	None found
<i>Marrubium vulgare</i>	Common Horehound	None found
<i>Maurandya antirrhiniflora</i>	False snapdragon; little snapdragon vine	See Foxx & Tierney (1985)
<i>Medicago lupulina</i>	Black medic	None found
<i>Medicago sativa</i>	Alfalfa	None found
<i>Melampodium leucanthum</i>	Plains blackfoot	None found
<i>Melica porteri</i>	Porter melic	None found
<i>Melilotus albus</i>	White sweet clover	None found
<i>Melilotus indicus</i>	Sour clover	<i>Trifolium melilotus</i> var. <i>indica</i> L.; <i>Melilotus parviflora</i> Desf.
<i>Melilotus officinalis</i>	Yellow sweet clover	<i>Trifolium melilotus</i> var. <i>efficalis</i> L.

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<i>Menodora scabra</i>	Rough Bull Cods	
<i>Mentha arvensis</i>	Mint	See Foxx & Tierney (1985)
<i>Mentzelia albicaulis</i>	White-stemmed stickleaf, white-stemmed blazing star	<i>Mentzelia parviflora</i> Heller; <i>Acrolasia albicaulis</i> (Dougl.) Rydb.
<i>Mentzelia laciniata</i>	Stickleaf; blazing star	<i>Nuttallia laciniata</i> (Rydb.) Woot. & Standl.
<i>Mentzelia nuda</i> var. <i>stricta</i>	Blazing star; stickleaf	<i>Nuttallia nuda</i> (Pursh) Greene; <i>Bartonia nuda</i> Pursh
<i>Mentzelia pumila</i> var. <i>integra</i>	Blazing star; stickleaf	See Foxx & Tierney (1985)
<i>Mentzelia pumila</i> var. <i>multiflora</i>	Blazing star; stickleaf	<i>Bartonia multiflora</i> Nutt.; <i>Nuttallia multiflora</i> (Nutt.) Greene
<i>Mentzelia pumila</i> var. <i>pumila</i>	Blazing star; stickleaf	<i>Bartonia pumilia</i> Nutt.; <i>Nuttallia pumila</i> (Nutt.) Greene
<i>Mentzelia rusbyi</i>	Blazing star; stickleaf	<i>Nuttallia rusbyi</i> (Woot.) Rydb.
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Mertensia brevistyla</i>	Bluebells; chimingbells	None found
<i>Mertensia franciscana</i>	Franciscan bluebells	<i>Mertensia pratensis</i> Heller; <i>M. grandis</i> Woot. & Standl.; <i>M. alba</i> Rydb.
<i>Mertensia lanceolata</i> var. <i>fenderli</i>	Bluebells; chimngbells	<i>Mertensia fendleri</i> Gray
<i>Mertensia lanceolata</i> var. <i>lanceolata</i>	Bluebells; chimingbells	None found
<i>Microseris linearifolia</i>	Microseris	<i>Uropappus linearifolius</i> Nutt.; <i>U. pruinosus</i> Greene
<i>Microseris minimus</i>	Microseris	None found
<i>Microseris gracilis</i>	Microseris	
<i>Mimulus floribundus</i>	Monkeyflower	None found
<i>Mimulus glabratus</i> var. <i>fremontii</i>	Smooth monkeyflower	<i>Mimulus geyeri</i> Torr.
<i>Mimulus guttatus</i>	Spotted monkeyflower	<i>Mimulus puberulus</i> Greene; <i>M. langsдорфii</i> Donn; <i>M. hallii</i> Greene
<i>Mirabilis coccinea</i>	Red umbrellawort	<i>Allionia coccinea</i> (Torr) Standl.; <i>Oxybaphus coccineus</i> Torr.
<i>Mirabilis multiflora</i>	Showy four-o'clock	<i>Quamoclidion multiflorum</i> Torr.; <i>Oxybaphus multiflorus</i> Torr.
<i>Mirabilis oxybaphoides</i>	Trailing four-o'clock	See Foxx & Tierney (1985)
<i>Moldavica parviflora</i>	Small-flowered dragonhead	<i>Dracocephalum parviflorum</i> Nutt.
<i>Monarda menthaefolia</i>	Wild bergamot; horsemint	<i>Monarda comata</i> Rydb.; <i>M. stricta</i> Woot.; <i>M. fistulosa</i> v. <i>menthaefolia</i> (Graham) Fern
<i>Monarda pectinata</i>	Ponymint	None found
<i>Monotropa latisquama</i>	Pinesap	<i>Hypopitys latisquama</i> Rydb.; <i>M. hypopitys</i> var. <i>latisquama</i> (Rydb.) K. & P.
<i>Muhlenbergia arsenei</i>	Muhly	None found
<i>Muhlenbergia asperifolia</i>	Alkali muhly; scratchgrass	<i>Sporobolus asperifolius</i> (Nees & Mey.) Nees
<i>Muhlenbergia curtifolia</i>	Muhly	None found
<i>Muhlenbergia mexicana</i>	Mexican dropseed	None found
<i>Muhlenbergia montana</i>	Mountain muhly	<i>Muhlenbergia subalpina</i> Vasey
<i>Muhlenbergia pauciflora</i>	New Mexico muhly	<i>Muhlenbergia neomexicana</i> Vasey
<i>Muhlenbergia porteri</i>	Bush muhly	None found
<i>Muhlenbergia pulcherrima</i>	Muhly	None found
<i>Muhlenbergia racemosa</i>	Green muhly	None found
<i>Muhlenbergia rigens</i>	Deergrass	
<i>Muhlenbergia torreyi</i>	Ring muhly; ringgrass	<i>Muhlenbergia grasillima</i> Torr.

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<i>Muhlenbergia wolfii</i>	Red Muhly	
<i>Muhlenbergia wrightii</i>	Spike muhly	None found
<i>Munroa squarrosa</i>	False buffalo-grass	None found
<i>Myosurus minimus</i>	Mousetail	None found
<i>Nama dichotomum</i>	Nama	See Foxx & Tierney (1985)
<i>Nama hispidum</i> var. <i>hispidum</i>	Nama	<i>Marilaunidium hispidum</i> (Gray) Kuntze; <i>Conanthus hispidus</i> (Gray) Heller
<i>Nepeta cataria</i>	Catnip; catmint	None found
<i>Nicotiana attenuata</i>	Coyote tobacco	None found
<i>Nolina microcarpa</i>	Beargrass	
<i>Notholaena</i> spp.	Cloak-fern	Not applicable
<i>Notholaena standleyi</i>	Cloak-fern	
<i>Oenothera albicaulis</i>	Prairie evening-primrose	See Foxx & Tierney (1985)
<i>Oenothera caespitosa</i>	Tufted evening-primrose	None found
<i>Oenothera caespitosa</i> subsp. <i>eximia</i>	Evening-primrose	See Foxx & Tierney (1985)
<i>Oenothera caespitosa</i> subsp. <i>montana</i>	Montana tufted evening-primrose	See Foxx & Tierney (1985)
<i>Oenothera coronopifolia</i>	Evening-primrose	<i>Anogra coronopifolia</i> (Torr. & Gray) Britt.
<i>Oenothera flava</i>	Evening-primrose	<i>Lavauxia flava</i> A. Nels.; <i>L. hamata</i> Woot&Standl.; <i>Oenothera hamata</i> (W&S) Tides.
<i>Oenothera hookeri</i>	Hooker's evening-primrose	None found
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Oenothera laciniata</i> var. <i>laciniata</i>	Cutleaf evening-primrose	See Foxx & Tierney (1985)
<i>Oenothera pallida</i> subsp. <i>pallida</i>	Pale evening-primrose	<i>Angora pallida</i> (Lindl.) Britt.
<i>Oenothera primiveris</i>	Large yellow desert primrose	<i>Lavauxia primiveris</i> (Gray) Small
<i>Opuntia clavata</i>	Club cholla	None found
<i>Opuntia erinacea</i> var. <i>erinacea</i>	Prickly pear cactus; hedgehog prickly pear	None found
<i>Opuntia erinacea</i> var. <i>utahensis</i>	Utah prickly pear cactus	<i>Opuntia sphaerocarpa</i> var. <i>utahensis</i> Engelm.)
<i>Opuntia imbricata</i>	Walkingstick cholla; cane cholla	<i>Opuntia arborescens</i> Engelm.
<i>Opuntia macrorhiza</i> var. <i>macrorhiza</i>	Prickly pear	<i>Opuntia plumbea</i> Rose; <i>O. stenochila</i> Engelm.
<i>Opuntia phaeacantha</i> var. <i>discata</i>	Prickly pear	<i>Opuntia engelmanni</i> Salm-Dyck; <i>O. dillei</i> Griffiths
<i>Opuntia phaeacantha</i> var. <i>phaeacantha</i>	Prickly pear; purple fruit prickly pear	<i>Opuntia zuniensis</i> Griffiths
<i>Opuntia polyacantha</i> var. <i>polyacantha</i>	Plains prickly pear; starvation cactus	None found
<i>Orobanche fasciculata</i> var. <i>lutea</i>	Cancer root	<i>Thalesia lutea</i> (Parry) Rydb.
<i>Orobanche ludoviciana</i>	Broomrape	
<i>Orobanche multiflora</i>	Broomrape	<i>Myzorrhiza multiflora</i> (Nutt.)
<i>Orthocarpus luteus</i>	Yellow owl-clover	None found
<i>Orthocarpus purpureo-albus</i>	Purple-white owl-clover	None found
<i>Oryzopsis asperifolia</i>	Mountain ricegrass	None found
<i>Oryzopsis hymenoides</i>	Indian ricegrass	None found
<i>Oryzopsis micrantha</i>	Littleseed ricegrass	None found

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<i>Osmorhiza obtusa</i>	Bluntseed sweet cicely	<i>Washingtonia obtusa</i> Coult. & Rose
<i>Oxalis metcalfei</i>	Woodsorrel	<i>Ionoxalis metcalfei</i> Small; <i>I. caerulea</i> Small
<i>Oxalis violacea</i>	Violet woodsorrel	<i>Ionoxalis violacea</i> (L.) Small
<i>Oxybaphus hirsutus</i>	Desert four-o'clock	<i>Allionia hirsuta</i> Pursh; <i>Oxybaphus hirsutus</i> Sweet
<i>Oxybaphus linearis</i> var. <i>linearis</i>	Desert four-o'clock	See Foxx & Tierney (1985)
<i>Oxypolis fendleri</i>	Fendler cowbane	<i>Archemora fendleri</i> Gray
<i>Oxytropis lambertii</i>	Lambert's Locoweed	
<i>Pachystima myrsinites</i>	Mrytle boxleaf	None found
<i>Panicum bulbosum</i>	Bulbed Panic Grass	
<i>Panicum capillare</i> var. <i>capillare</i>	Witchgrass	None found
<i>Panicum hallii</i>	Halls Panic Grass	
<i>Panicum helleri</i>	Panic grass	<i>Panicum oligosanthos</i> var. <i>helleri</i> (Nash) Fern
<i>Panicum miliaceum</i>	Broomcorn millet; proso	None found
<i>Panicum obtusum</i>	Vine mesquite	None found
<i>Panicum scribnerianum</i>	Panic grass	<i>Panicum oligosanthos</i> var. <i>scribnerianum</i> (Nash) Fern.
<i>Panicum tennesseense</i>	Tennessee panic grass	None found
<i>Panicum virgatum</i> .	Switchgrass	None found
<i>Parthenium incanum</i>	Mariola	
<i>Parthenocissus inserta</i>	Western five-leaved ivy; Virginia creeper	<i>Ampelopsis quinquefolia</i> var. <i>vitaceae</i> ; <i>Parthenocissus vitaceae</i> (Kner.) Hitch.
<i>Pectis angustifolia</i>	Limoncillo	<i>Pectis papposa</i> var. <i>sessilis</i> M. E. Jones
<i>Pectis papposa</i>	Fetid marigold; dogweed; chinchweed	None found
<i>Pedicularis grayi</i>	Gray lousewort	None found
<i>Pediocactus papyracanthus</i>	Grana grass cactus	<i>Toumeyia papyracantha</i> Engelm.; <i>Echinocactus papyracanthus</i> (Engel.) Britt.&Rose
<i>Pellaea atropurpurea</i>	Cliffbrake; rock brake	<i>Pteris atropurpurea</i> L.
<i>Pellaea fendleri</i>	Cliffbrake	<i>Notholaena fendleri</i> Kuntze
<i>Pellaea limitanea</i>	Cliffbrake	<i>Notholaena limitanea</i> Maxon
<i>Pellaea longimucronata</i>	Cliffbrake	<i>Pellaea wrightiana</i> var. <i>longimucronata</i> (Hook.) Davenp.
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Penstemon barbatus</i> subsp. <i>torreyi</i>	Beardtongue	<i>Penstemon torreyi</i> Benth.; <i>P. barbatus</i> var. <i>torreyi</i> (Benth.) Gray
<i>Penstemon eatonii</i>	Eaton beardtongue	None found
<i>Penstemon fendleri</i>	Fendler beardtongue	None found
<i>Penstemon jamesii</i>	James beardtongue	<i>Penstemon similis</i> A. Nels.
<i>Penstemon lentus</i>	Beadtongue	None found
<i>Penstemon linarioides</i> subsp. <i>coloradensis</i>	Beardtongue	<i>Penstemon coloradensis</i>
<i>Penstemon oliganthus</i>	Beardtongue	None found
<i>Penstemon rydbergii</i>	Rydberg beardtongue	<i>Penstemon erosus</i> Rydb.; <i>P. lacerellus</i> Greene
<i>Penstemon secundiflorus</i>	Beardtongue	None found
<i>Penstemon virgatus</i>	Virgated beardtongue	None found

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<i>Penstemon whippleanus</i>	Whipple beardtongue; Whipple's penstemon	See Foxx & Tierney (1985)
<i>Pericome caudata</i>	Taperleaf	None found
<i>Petalostemum candidum</i>	White prairie clover	<i>Dalea candida</i> Willd.
<i>Petalostemum compactum</i>	Prairie clover	<i>Dalea compactum</i> Spreng; <i>Petalostemum macrostachyum</i> Torr.
<i>Petalostemum exile</i>	Prairie clover	None found
<i>Petalostemum purpureum</i>	Purple prairie clover	See Foxx & Tierney (1985)
<i>Petalostemum villosum</i>	Silky prairie clover	None found
<i>Phacelia coerulea</i>	Blue Scorpionweed	
<i>Phacelia corrugata</i>	Scorpionweed	None found
<i>Phacelia heterophylla</i>	Virgate scorpionweed	None found
<i>Phacelia integrifolia</i>	Scorpionweed	None found
<i>Phacelia magellanica</i>	Scorpionweed	None found
<i>Phacelia neomexicana</i> var. <i>neomexicana</i>	New Mexico scorpionweed	None found
<i>Phaseolus angustissimus</i>	Narrowleaf bean	None found
<i>Phaseolus leiospermus</i>	Wild bean	See Foxx & Tierney (1985)
<i>Philadelphus microphyllus</i> var. <i>microphyllus</i>	Mock-orange	None found
<i>Phleum alpinum</i>	Alpine timothy	None found
<i>Phleum pratense</i>	Common timothy	None found
<i>Phlox longifolia</i>	Longleaf phlox	See Foxx & Tierney (1985)
<i>Phoradendron juniperum</i>	Juniper mistletoe	None found
<i>Phragmites communis</i>	Common Reed	
<i>Physalis foetens</i> var. <i>neomexicana</i>	Groundcherry	<i>Physalis neomexicana</i> Rydb.
<i>Physalis hederifolia</i> var. <i>cordifolia</i>	Groundcherry	<i>Physalis fendleri</i> Gray; <i>P. fendleri</i> var. <i>cordifolia</i> Gray
<i>Physalis pubescens</i>	Downy groundcherry	None found
<i>Physocarpus mongynus</i>	Ninebark	<i>Spiraea monogyna</i> Torr.; <i>Opalaster monogynus</i> (Torr.) Kuntze
<i>Picea engelmannii</i>	Engelmann spruce	None found
<i>Picea pungens</i>	Colorado blue spruce	<i>Picea parryana</i> Sarg.
<i>Pinus edulis</i>	Colorado pinyon pine	See Foxx & Tierney (1985)
<i>Pinus flexilis</i>	Limber pine	<i>Apinus flexilis</i> (James) Rydb.
<i>Pinus ponderosa</i> var. <i>scopulorum</i>	Ponderosa pine, western yellow pine	<i>Pinus brachyptera</i> Engelm.; <i>P. scopulorum</i> (Engelm.) Lemmon
<i>Plantago argyrea</i>	Silvery plantain	None found
<i>Plantago major</i>	Rippleseed plantain	None found
<i>Plantago purshii</i>	Woolly Indian-wheat	None found
<i>Poa annua</i>	Annual bluegrass	None found
<i>Poa bigelovii</i>	Bigelow bluegrass	None found
<i>Poa compressa</i>	Canada bluegrass	None found
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Poa fendleriana</i>	Muttongrass	<i>Poa brevipaniculata</i> Scribn.

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<i>Poa interior</i>	Inland bluegrass	None found
<i>Poa longiligula</i>	Long-liguled muttongrass	None found
<i>Poa nevadensis</i>	Nevada bluegrass	None found
<i>Poa palustris</i>	Fowl bluegrass	None found
<i>Poa pattersonii</i>	Bluegrass	None found
<i>Poa pratensis</i>	Kentucky bluegrass	None found
<i>Polanisia trachysperma</i>	Clammyweed	None found
<i>Polemonium foliosissimum</i> var. <i>foliosissimum</i>	Jacob's ladder	<i>Polemonium grande</i> Greene; <i>P. molle</i> Greene; <i>P. pterospermum</i> Nels. & Cockll.
<i>Polygonum amphibium</i> var. <i>stipulaceum</i>	Water smartweed	<i>Polygonum natans</i> Easton; <i>P. hartwrightii</i> Gray; <i>Persicaria hartwrightii</i> (Gr.) Greene
<i>Polygonum aviculare</i>	Knotweed; smartweed	<i>Polygonum buxiforme</i> Small
<i>Polygonum bistortoides</i>	Bistort	
<i>Polygonum convolvulus</i>	Black bindweed; cornbind	<i>Biderdykia convolvulua</i> (L.) Dumort.
<i>Polygonum douglasii</i>	Knotweed; smartweed	None found
<i>Polygonum montanum</i>	Rocky Mountain Knotweed	
<i>Polygonum persicaria</i>	Lady's thumb; heart's ease	None found
<i>Polygonum ramosissimum</i>	Bushy knotweed	None found
<i>Polygonum sawatchense</i>	Knotweed; smartweed	None found
<i>Polypogon monspeliensis</i>	Rabbitfoot grass	None found
<i>Populus angustifolia</i>	Narrowleaf cottonwood; mountain cottonwood	None found
<i>Populus fremontii</i> var. <i>wislizenii</i>	Rio Grande cottonwood; valley cottonwood	<i>Populus wislizenii</i> (Wats.) Sarg.
<i>Populus tremuloides</i> var. <i>aurea</i>	Aspen; golden trembling aspen	<i>Populus aurea</i> Tides.
<i>Portulaca oleracea</i>	Common purslane	None found
<i>Potentilla anserina</i>	Silverweed	<i>Argentina anserina</i> (L.) Rydb.; <i>A. argentea</i> Rydb.
<i>Potentilla arguta</i> subsp. <i>convallaria</i>	Tall cinquefoil	<i>Potentilla convallaria</i> Rydb.; <i>Dymocaulis convallaria</i> Rydb.
<i>Potentilla concinna</i>	Cinquefoil	<i>Potentilla bicrenata</i> Rydb.
<i>Potentilla crinita</i>	Cinquefoil	None found
<i>Potentilla fruticosa</i>	Shrubby cinquefoil; shrubby potentilla	<i>Dasiphora fruticosa</i> (L.) Rydb.
<i>Potentilla hippiana</i>	Cinquefoil	None found
<i>Potentilla norvejica</i>	Norway cinquefoil	<i>Potentilla monspeliensis</i> L.
<i>Potentilla pennsylvanica</i>	Pennsylvania cinquefoil	<i>Potentilla strigosa</i> (Pursh) Pall.
<i>Potentilla pulcherrima</i>	Cinquefoil	<i>Potentilla filipes</i> Rydb.
<i>Potentilla thurberi</i> var. <i>thurberi</i>	Red cinquefoil	None found
<i>Primula rusbyi</i>	Bog primrose	None found
<i>Prunella vulgaris</i>	Common selfheal; healall	None found
<i>Prunus americana</i>	Wild plum	None found
<i>Prunus emarginata</i> var. <i>emarginata</i>	Bitter cherry	None found
<i>Prunus virginiana</i> var. <i>melanocarpa</i>	Western black chokecherry	See Foxx & Tierney (1985)
<i>Pseudocymopterus montanus</i>	Yellow mountain parsley	See Foxx & Tierney (1985)
<i>Pseudotsuga menziesii</i> var. <i>glauca</i>	Douglas fir	<i>Pseudotsuga taxifolia</i> var. <i>glauca</i> (Beissner) Sudw.

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<i>Psilotrophe tagetina</i>	Woolly paperflower	<i>Riddelia tagentina</i> Nutt.
<i>Psoralea hypogaea</i>	Little scurfpea	<i>Pediomelum hypogaeum</i> (Nutt.) Rydb.
<i>Psoralea lanceolata</i>	Lemon scurfpea; lemonweed	<i>Psoralea micrantha</i> Gray; <i>Psoralidium lanceolatum</i> (Pursh) Rydb.; <i>P. micranthum</i>
<i>Psoralea tenuiflora</i>	Slender surfpea	<i>Psoralidium tenuiflorum</i> (Pursh) Rydb.
<i>Ptelea trifoliata</i> susp <i>angustifolia</i>	Narrowleaf hoptree	See Foxx & Tierney (1985)
<i>Pteridium aquilinum</i> var. <i>pubescens</i>	Western braken fern; western bracken	None found
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Pterospora andromedea</i>	Pinedrops	None found
<i>Pulsatilla ludoviciana</i>	Pasqueflower	<i>Pulsatilla hirsutissima</i> (Pursh)Britt.; <i>Anemone patens</i> v. <i>wolfgangiana</i> (Bess.)Koch
<i>Purshia tridentata</i>	Antelope brush	None found
<i>Pyrola asarifolia</i>	Gingerleaf Wintergree	
<i>Pyrola chlorantha</i>	Wintergreene; pyrola	<i>Pyrola virens</i> Schweig.
<i>Pyrola elliptica</i>	Shinleaf wintergreen	None found
<i>Pyrola minor</i>	Wintergreene; pyrola	<i>Erxlebenia minor</i> (L.) Rydb.
<i>Pyrola picta</i>	Variogated Wintergreen	
<i>Pyrrhopappus multicaulis</i>	False Dandelion	
<i>Quercus gambelii</i>	Gamble oak	See Foxx & Tierney (1985)
<i>Quercus grisea</i>	Gray oak	None found
<i>Quercus pungens</i>	Sandpaper oak	None found
<i>Quercus turbinella</i>	Shrub live oak	None found
<i>Quercus undulata</i>	Wavyleaf oak	<i>Quercus fenleri</i> Liebm.; <i>Q. rydbergiana</i> Cockll.; <i>Q. confusa</i> Woot. & Standl.
<i>Ramischia secunda</i>	Sidebells	<i>Pyrola secunda</i> L.
<i>Ranunculus abortivus</i>	Kidneyleaf Buttercup	
<i>Ranunculus aquatilis</i> var. <i>capillaceus</i>	White water-crowfoot	<i>Ranunculus trichophyllus</i> Chaix; <i>Batrachium druetii</i> (F.Schultz)Nyman; <i>B. flaccidum</i>
<i>Ranunculus cardiophyllus</i>	Heart-leaved buttercup	None found
<i>Ranunculus cymbalaria</i> var. <i>saximontanus</i>	Desert crowfoot	<i>Halerpestes cymbalaria</i> (Pursh) Greene
<i>Ranunculus inamoenus</i>	Homely buttercup	<i>Ranunculus micropelatus</i> (Greene) Rydb.
<i>Ranunculus macounii</i>	Macoun's buttercup	None found
<i>Ranunculus macranthus</i>	Showy buttercup	None found
<i>Ranunculus sceleratus</i> var. <i>multifidus</i>	Cursed Crowfoot	
<i>Ratibida columnifera</i>	Prairie coneflower	<i>Lepachys columnaris</i> (Sims)Torr.&Gray; <i>R. c.</i> (S.)D. Don; <i>Rudbeckia columnaris</i> Pursh
<i>Ratibida tagetes</i>	Coneflower	<i>Rudbeckia tagets</i> James
<i>Rhus glabra</i>	Smooth sumac; scarlet sumac	<i>Rhus cismontana</i> Greene; <i>R. glabra</i> var <i>cismontana</i> (Greene) Daniels
<i>Rhus radicans</i>	Poison Ivy	<i>Toxicodendron radicans</i> Kuntze; <i>Rhus rydbergii</i> Small; <i>T. rybergii</i> (Small) Greene
<i>Rhus trilobata</i>	Skunkbush	<i>Schmaltzia trilobata</i> (Nutt.) Small
<i>Ribes cereum</i>	Wax currant	None found
<i>Ribes inebrians</i>	Pink squaw currant	None found
<i>Ribes inerme</i>	Whitestem gooseberry	<i>Grossularia inerme</i> (Rydb.) Cov. & Britt.

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Ribes leptanthum	Trumpet gooseberry	Grossularia leptantha (Gray) Cov. & Britt.
Ribes montigenum	Gooseberry currant	None found
Ribes pinetorum	Orange gooseberry	Grossularia pinetorum (Greene) Cov. & Britt.
Ribes wolfii	Rothrock currant	None found
Robinia neomexicana	New Mexico locust	Robinia luxurians (Dieck.) Rydb.; R. subvelutina Rydb.
Rorippa islandica	Cress	Rorippa palustris (L.) Bess; Radicula terrestris (R. Br.) Woot. & Standl.
Rorippa nasturtium-aquaticum	Watercress	See Foxx & Tierney (1985)
Rorippa obtusa	Watercress	Radicula obtusa (Nutt.) Greene
Rorippa palustris subsp. glabra	Yellow Cress	
Rorippa palustris subsp. hispida	Yellow Cress	
Rorippa sinuata	Cress	Nasturtium sinnatum Nutt.; N. trachycarpum Gray; Radicula sinuata (Nutt.) Greene
Rorippa sylvestris	Yellow cress	Radicula sylvestris (L.) Druce
Rorippa truncata	Field Cress	
Rosa nutkana	Nooka rose	Rosa melina Greene; R. helleri Greene
Rosa woodsii var. arizonica	Arizona rose	Rosa arizonica
Species identification	Common Names (5.1)	Synonyms (5.1)
Rosa woodsii var. fendleri	Fendler rose	Rosa fendleri Crepin
Rubus parviflorus	Western thimbleberry	Rubacer parviflorum (Nutt.) Rydb.; Bossekia parviflora (Nutt.) Greene
Rubus strigosus var. arizonicus	Red raspberry	Rubus arizonicus (Greene) Rydb.
Rudbeckia hirta	Black-eyed Susan	Rudbeckia flava Moore
Rudbeckia laciniata	Cutleaf coneflower	Rudbeckia ampla A. Nels.; R. latissima Greene
Rumex acetosella	Sheep sorrel	None found
Rumex crispus	Curlyleaf dock	None found
Rumex mexicanus	Dock	None found
Rumex occidentalis	Western dock	None found
Rumex patientia	Patient Dock	
Rumex triangulivalvis	Dock	None found
Salix bebbiana	Bebb willow	None found
Salix caudata	Whiplash willow	Salix fendlerian Anderss.; S. lasiandra var. caudata (Nutt.) Sudw.
Salix exigua	Sandbar willow; Coyote willow	None found
Salix irrorata	Willow; blue-stemmed willow	None found
Salix scouleriana	Scouler willow	None found
Salvia pratensis	Sage	
Salvia reflexa	Rocky Mountain sage	None found
Salvia subincisa	Sage	
Sambucus melanocarpa	Blackbead elder	None found
Sambucus microbotrys	Rocky Mountain elderberry	Sambucus racemosa L. var. microbotrys Rydb.
Sanvitalia abertii	Sanvitalia	None found

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<i>Saponaria officinalis</i>	Soapwort; bouncing bet	None found
<i>Sarcobatus vermiculatus</i>	Greasewood	<i>Batis vermiculatus</i> Hook.
<i>Saxifraga bronchialis</i> subsp. <i>austromontana</i>	Spotted saxifrage	<i>Saxifraga austromontana</i> Wieg.; <i>Leptasea austromontana</i> (Wieg.) Small
<i>Saxifraga rhomboidea</i>	Saxifrage	<i>Micranthes rhomboidea</i> (Greene) Small
<i>Schedonnardus paniculatus</i>	Tumblegrass	None found
<i>Schizachne purpurascens</i>	False Melic	
<i>Scleropogon brevifolius</i>	False needlegrass	None found
<i>Scripus californicus</i>	California bulrush	None found
<i>Sedum cockerellii</i>	Stoncrop	<i>Sedum wootonii</i> Britt.
<i>Senecio arizonicus</i>	Arizona bitterweed	None found
<i>Senecio atratus</i>	Butterweed	
<i>Senecio bigelovii</i> var. <i>bigelovii</i>	Bigelow buttweed	<i>Senecio chloranthus</i> Greene; <i>S. rusbyi</i> Greene
<i>Senecio crassulus</i>	Groundsel; butterweed	<i>Senecio lapathifolius</i> Greene
<i>Senecio cymbalarioides</i>	Butterweed; groundsel	<i>Senecio acutidens</i> Rydb.
<i>Senecio douglasii</i> var. <i>longilobus</i>	Threadleaf groundsel; threadleaf butterweed	<i>Senecio longilobus</i> Benth.; <i>S. filifolius</i> Nutt.; <i>S. f.</i> var. <i>jamesii</i> Torr. & Gray
<i>Senecio eremophilus</i> var. <i>macdougalii</i>	Groundsel; butterweed	<i>Senecio macdougalii</i> Heller; <i>S. ambrosioides</i> Rydb.
<i>Senecio eurypterus</i>	Groundsel	
<i>Senecio fendleri</i>	Notchleaf groundsel	<i>Senecio canovirens</i> Rydb.
<i>Senecio multicapitatus</i>	Groundsel; butterweed	None found
<i>Senecio multilobatus</i>	Groundsel; butterweed	None found
<i>Senecio neomexicanus</i>	New Mexico butterweed	See Foxx & Tierney (1985)
<i>Senecio pauperculus</i>	Groundsel	
<i>Senecio pseudoaureus</i>	Groundsel; butterweed	<i>Senecio flavulus</i> Greene
<i>Senecio spartioides</i>	Broom butterweed	None found
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Senecio triangularis</i>	Arrowleaf butterweed	None found
<i>Senecio werneriaefolius</i>	Groundsel; butterweed	<i>Senecio pentadontus</i> Greene; <i>S. saxosus</i> Klatt
<i>Senecio wootonii</i>	Wooton butterweed	See Foxx & Tierney (1985)
<i>Setaria geniculata</i>	Knotroot bristlegrass	None found
<i>Setaria lutescens</i>	Yellow bristlegrass	<i>Chaetochloa glauca</i> (L.) Scribn.; <i>Setaria glauca</i> (L.) Beauv.
<i>Setaria macrostachya</i>	Plains Bristlegrass	
<i>Setaria viridis</i>	Green brittlegrass	<i>Chaetochloa viridis</i> (L.) Beauv.
<i>Sidalcea candida</i>	White prairie mallow	None found
<i>Silene antirrhina</i>	Sleepy catchfly	None found
<i>Silene noctiflora</i>	Night-flowering catchfly	None found
<i>Silene scouleri</i>	Catchfly	None found
<i>Sisymbrium altissimum</i>	Tumble mustard	<i>Norta altissima</i> (L.) Britt.
<i>Sisymbrium iroio</i>	Yellow Rocket	

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<i>Sisymbrium linifolium</i>	Tumble mustard	<i>Schoenocrambe linifolia</i> (Nutt.) Greene
<i>Sisyrinchium demissum</i>	Blue-eyed grass	None found
<i>Sisyrinchium montanum</i>	Blue-eyed grass	None found
<i>Sitanion hystrix</i>	Bottlebrush squirreltail	<i>Elymus elymoides</i> Schult.
<i>Smilacina racemosa</i>	False Solomon's seal	<i>Vagnera racemosa</i> (L.) Morong
<i>Smilacina stellata</i>	Star flower	<i>Vagnera stellata</i> (L.) Morong
<i>Solanum americanum</i>	Common nightshade	None found
<i>Solanum douglasii</i>	Arizona nightshade; Douglas nightshade	<i>Solanum arizonicum</i> Parish
<i>Solanum elaeagnifolium</i>	Horse-nettle; silver nettle; silver-leaf nightshade	None found
<i>Solanum jamesii</i>	Wild potato	None found
<i>Solanum nigrum</i>	Black nightshade	<i>Solanum interius</i> Rydb.
<i>Solanum rostratum</i>	Buffaloberry; buffalo bur	<i>Androcera rostrata</i> (Dunal) Rydb.
<i>Solanum sarachoides</i>	Nightshade	<i>Solanum villosum</i> Mill.
<i>Solanum triflorum</i>	Cutleaf nightshade	None found
<i>Solidago altissima</i>	Tall Goldenrod	
<i>Solidago canadensis</i> var. <i>canadensis</i>	Canada goldenrod	None found
<i>Solidago canadensis</i> var. <i>gilvocanescens</i>	Canadian Goldenrod	
<i>Solidago mollis</i>	Goldenrod	
<i>Solidago multiradiata</i>	Alpine goldenrod	<i>Solidago ciliosa</i> Greene; <i>S. scopulorum</i> (Gray) A. Nels.
<i>Solidago occidentalis</i>	Western goldenrod	<i>Euthamia occidentalis</i>
<i>Solidago pallida</i>	Pale Goldenrod	
<i>Solidago petradoria</i>	Goldenrod	<i>Petradoria pumila</i> Nutt. & Greene
<i>Solidago sparsiflora</i>	Few-flowered goldenrod	<i>Solidago trinervata</i> Greene
<i>Solidago spathulata</i> var. <i>neomexicana</i>	Dwarf alpine goldenrod	See Foxx & Tierney (1985)
<i>Solidago wrightii</i> var. <i>wrightii</i>	Wright's goldenrod	<i>Solidago bigelovii</i> Gray
<i>Sonchus asper</i>	Prickly sow-thistle; spriny-leaved sow-thistle	None found
<i>Sonchus oleraceus</i>	Common sow-thistle	None found
<i>Sophora nuttalliana</i>	Silky sophora	<i>Sophora serica</i> Nutt.
<i>Sorghastrum nutans</i>	Indian grass	None found
<i>Spergularia marina</i>	Sand Spurry	
<i>Sphaeralcea angustifolia</i> var. <i>cuspidata</i>	Narrowleaf globe mallow	None found
<i>Sphaeralcea coccinea</i> var. <i>elata</i>	Red globe mallow	<i>Malvastrum coccineum</i> (Pursh) Gray; <i>M. elatum</i> (Baker) A. Nels.
<i>Sphaeralcea fendleri</i> var. <i>fendleri</i>	Fendler glove mallow	<i>Sphaeralcea leiocarpa</i> Woot. & Standl.
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Sphaeralcea incana</i>	Globe mallow	None found
<i>Sphenopholis intermedia</i>	Slender wedegegrass	<i>Sphenopholis obtusata</i> (Michx.) Scribn. var. <i>major</i> (Torr.) Erdman
<i>Sporobolus airoides</i>	Alkali sacaton	None found
<i>Sporobolus asper</i>	Tail dropseed	None found

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<i>Sporobolus contractus</i>	Spike dropseed	<i>Sporobolus strictus</i> Merr.
<i>Sporobolus cryptandrus</i>	Sand dropseed	None found
<i>Sporobolus nealleyi</i>	Nealley dropseed	None found
<i>Sporobolus texanus</i>	Texas dropseed	None found
<i>Stachys palustris</i>	Woundwort	<i>Stachys scopulorum</i> Greene
<i>Stanleya pinnata</i>	Desert plume	<i>S. arcuata</i> Rydb.
<i>Stellaria jamesiana</i>	Starwort	<i>Alsine jamesiana</i> (Torr.) Heller, <i>A. curtisii</i> Rydb.
<i>Stellaria longifolia</i>	Starwort	<i>Alsine longifolia</i> (Muhl.) Britt.
<i>Stellaria longipes</i>	Chickweed	<i>Alsine longipes</i> (Goldie) Cov.
<i>Stephanomeria pauciflora</i>	Skeletonweed	<i>Ptiloria pauciflora</i> (Torr.) Raf.
<i>Stephanomeria tenuifolia</i>	Wire-lettuce; skeletonweed	<i>Ptiloria tenuifolia</i> (Torr)Raf.; <i>P. ramosa</i> Rydb.; <i>S. wrightii</i> Gray; <i>S. minor</i> (Hook)Nutt.
<i>Stipa columbiana</i>	Columbia needlegrass	<i>Stipa minor</i> Scribn.; <i>S. nelsonii</i> Scribn. subsp <i>dorei</i> Barkworth & Mace
<i>Stipa comata</i>	Needle-and-thread grass	None found
<i>Stipa eminens</i>	Needlegrass	None found
<i>Stipa lettermanii</i>	Letterman needlegrass	None found
<i>Stipa neomexicana</i>	New Mexico porcupine grass	None found
<i>Stipa robusta</i>	Sleepy grass	<i>Stipa vaseyi</i> Scribn.
<i>Streptanthus cordatus</i>	Canyon Royalty Twistflower	
<i>Streptopus amplexifolius</i>	Twisted stalk	None found
<i>Swertia radiata</i>	Deer's ears; monument plant	See Foxx & Tierney (1985)
<i>Symphoricarpos occidentalis</i>	Western snowberry	None found
<i>Symphoricarpos oreophilus</i>	Mountain snowberry	None found
<i>Symphoricarpos rotundifolius</i>	Roundleaf snowberry	None found
<i>Talinum parviflorum</i>	Flame flower	None found
<i>Tamarix gallica</i>	Tamarisk	None found
<i>Tamarix pentandra</i>	Salt-cedar; tamarisk	None found
<i>Taraxacum laevigatum</i>	Red-seeded dandelion	<i>Taraxacum erythrospermum</i> Andrz. ex Bess
<i>Taraxacum officinale</i>	Common dandelion	<i>Taraxacum mexicanum</i> DC.
<i>Tetradymia canescens</i>	Horsebrush	<i>Tetradymia inermis</i> Nutt.
<i>Tetradymia canescens</i> var. <i>inermis</i>	Yellow-flowered Horsebrush	
<i>Thalictrum fendleri</i> var. <i>fendleri</i>	Fendler meadowsrue	None found
<i>Thelesperma filifolium</i> var. <i>intermedium</i>	Greenthread	
<i>Thelesperma megapotamicum</i>	India tea; cota	<i>Thelesperma gracile</i> (Torr.)Gray; <i>Bidens megapotamicum</i> Spreng.; <i>B. gracilis</i> Torr.
<i>Thelesperma trifidum</i>	Greenthread	None found
<i>Thelypodium integrifolium</i> var. <i>integrifolium</i>	Smooth thelypody	See Foxx & Tierney (1985)
<i>Thelypodium wrightii</i>	Wright's thelypody	<i>Stanleyella wrightii</i> (Gray) Rydb.
<i>Thermopsis montanum</i>	Mountain golden-pea	None found
<i>Thermopsis pinetorum</i>	Big goldenpea	<i>Thermopsis divaricata</i> A. Nels.; <i>T. divaricarpus</i> A. Nels.
<i>Thlaspi alpestre</i>	Wild candytuff	See Foxx & Tierney (1985)

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<i>Torreyochloa pauciflora</i>	Manna Grass	
<i>Townsendia annua</i>	Townsend's sister	None found
<i>Townsendia eximia</i>	Townsend's aster	None found
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Townsendia formosa</i>	Townsend's aster	None found
<i>Townsendia incana</i>	Townsend's aster	<i>Townsendia arizonica</i> Gray
<i>Townsendia escapa</i>	Easter daisy	<i>Townsendia sericea</i> Hook.
<i>Tragia nepetaefolia</i>	Noseburn	
<i>Tragopogon dubius</i>	Goatsbeard; yellow salsify	None found
<i>Tragopogon pratensis</i>	Meadow goatsbeard	None found
<i>Trautvetteria grandis</i>	False bugbane	<i>Trautvetteria media</i> Greene
<i>Tribulus terrestris</i>	Goathead; puncture vine	None found
<i>Tridens pulchellus</i>	Fluffgrass	<i>Triodia pulchella</i> H. B. K.; <i>Erioneuron pulchellum</i> (H. B. K.) Tateoka
<i>Trifolium dasyphyllum</i>	Alpine clover	<i>Trifolium stenolobum</i> Rydb.
<i>Trifolium hybridum</i>	Alsike clover	None found
<i>Trifolium lacerum</i>	Clover	None found
<i>Trifolium pratense</i>	Red clover	None found
<i>Trifolium procumbens</i>	Low hop-clover	None found
<i>Trifolium repens</i>	White clover	None found
<i>Triodanis perfoliata</i>	Venus' looking-glass	<i>Specularia perfoliata</i> (L.) A. DC.
<i>Trisetum montanum</i>	Rocky Mountain trisetum	None found
<i>Trisetum spicatum</i>	Spike oats	None found
<i>Typha latifolia</i>	Broad-leaved cattail	None found
<i>Urtica dioica-procera</i>	Nettle; stinging nettle	None found
<i>Urtica gracilentia</i>	Nettle; stinging nettle	None found
<i>Urtica gracilis</i>	Nettle; stinging nettle	None found
<i>Vaccinium myrtilus</i>	Myrtle wortleberry	<i>Vaccinium oreophilum</i> Rydb.
<i>Valeriana arizonica</i>	Arizona valerian	<i>Valeriana ovata</i> ; Rydb.; <i>V. acutiloba</i> var. <i>ovata</i> (Rydb.) A. Nels.
<i>Valeriana capitata</i> subsp. <i>acutiloba</i>	Valerian; tobacco root	<i>Valeriana acutiloba</i> Rydb.
<i>Veratrum californicum</i>	Skunk-cabbage; corn-lily	<i>Veratrum speciosum</i> Rydb.
<i>Verbascum thapsus</i>	Mullein; miner's candle	None found
<i>Verbena bipinnatifida</i>	Dakota vervain	None found
<i>Verbena bracteata</i>	Prostrate vervain	See Foxx & Tierney (1985)
<i>Verbena imbricata</i>	Vervain	None found
<i>Verbena macdougallii</i>	New Mexico vervain	None found
<i>Verbena wrightii</i>	Wright's vervain; desert verbena	None found
<i>Verbesina encelioides</i> ssp. <i>encelioides</i>	Crownbeard	<i>Ximensia encelioides</i> Cav.
<i>Veronica americana</i>	American brooklime; American speedwell	None found

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<i>Veronica arvensis</i>	Corn speedwell	None found
<i>Veronica peregrina</i> var. <i>xalapensis</i>	Mexican speedwell; purslane speedwell	<i>Veronica xalapensis</i> H. B. K.
<i>Veronica serpyllifolia</i>	Thyme-leaved speedwell	<i>Veronica tenella</i> All.; <i>V. humifusa</i> Dickson
<i>Veronica wormskjoldii</i>	Alpine speedwell	None found
<i>Viburnum lentago</i>	Viburnum	None found
<i>Vicia americana</i> var. <i>americana</i>	American vetch	<i>Vicia dissitifolia</i> (Nutt.) Rydb.
<i>Vicia americana</i> var. <i>linearis</i>	Narrow-leaved vetch	See Foxx & Tierney (1985)
<i>Vicia americana</i> var. <i>minor</i>	Vetch	None found
<i>Vicia exigua</i>	Slim Vetch	
<i>Vicia leucophaea</i>	Mogollon vetch	None found
<i>Viguiera cordifolia</i>	Goldeneye	<i>Viguiera texana</i> Torr. and Gray
<i>Viguiera multiflora</i>	Goldeneye	<i>Heliomeris multiflora</i> Nutt.; <i>Cymnolomia multiflora</i> (Nutt.) Benth & Hook.
Species identification	Common Names (5.1)	Synonyms (5.1)
<i>Viola adunca</i>	Western dog violet	<i>Viola montanensis</i> Rydb.; <i>V. puberula</i> (Wats.) Howell; <i>V. retroscabra</i> Greene
<i>Viola canadensis</i>	Canadian violet	<i>Viola muriculata</i> Greene; <i>V. canadensis</i> var. <i>neomexicana</i> (Greene) House
<i>Viola nephrophylla</i>	Northern bog violet	None found
<i>Viola pedatifida</i>	Larkspur violet	None found
<i>Vitis arizonica</i> var. <i>arizonica</i>	Canyon grape; Arizona grape	None found
<i>Vitis vulpina</i>	Frost grape	None found
<i>Woodsia mexicana</i>	Mexican Woodsia	
<i>Woodsia oregana</i>	Woodsia	None found
<i>Xanthium strumarium</i> var. <i>canadense</i>	Cocklebur	See Foxx & Tierney (1985)
<i>Yucca angustissima</i>	Narrowleaf yucca	None found
<i>Yucca baccata</i>	Banana yucca; datil	None found
<i>Yucca glauca</i>	Soapweed yucca	<i>Y. angustifolia</i> Nutt.
<i>Zinnia grandiflora</i>	Rocky Mountain Zinna	
<i>Zygadenus elegans</i>	Death camas	<i>Zygadenus coloradensis</i> Rydb.; <i>Z. dilatus</i> Greene; <i>Anticlea elegans</i> (Pursh) Rydb.

Occurrence

Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Abies concolor</i>	Spring	Common	Tree
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>	Not common	Spring	Tree
<i>Acer glabrum</i> var. <i>neomexicanum</i>	Locally common	Spring	Small tree
<i>Acer negundo</i> var. <i>interius</i>	Locally common	Spring	Tree
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>	Ubiquitous	Midsummer to fall	Perennial forb
<i>Aconitum columbianum</i>	Not common	Mid- to late summer	Perennial forb
<i>Actaea arguta</i> var. <i>viridiflora</i>	Locally common	Spring to early summer	Perennial forb
<i>Aegilops cylindrica</i>	Occasional		
<i>Agastache pallidiflora</i>	See Robertson (1968) (5.3.6); Miera 1976 (5.2.18)	Late summer to fall	Perennial forb
<i>Agoseris arizonica</i>	See Pilz et al. (1979) (5.2.19)	Early to late summer	Perennial forb
<i>Agoseris aurantiaca</i>	Not common	Late summer	Perennial forb
<i>Agoseris glauca</i> var. <i>glauca</i>	Not common	Late summer	Perennial forb
<i>Agoseris glauca</i> var. <i>parviflora</i>			
<i>Agrimonia gryposepala</i>	See Robertson (1968) (5.3.6)	Mid- to late summer	Perennial forb
<i>Agrimonia striata</i>	Locally common	Late summer	Perennial forb
<i>Agropyron dasystachyum</i>	Occasional		
<i>Agropyron desertorum</i>	Common	Late summer	Perennial grass
<i>Agropyron latiglume</i>	See Robertson (1968) (5.3.6); Miera 1976 (5.2.18)	Late summer	Perennial grass
<i>Agropyron pseudorepens</i>	Osborne (1966) (5.3.5); Robertson (1968) (5.3.6); Pilz et al. (1979) (5.2.19)	Early to late summer	Perennial grass
<i>Agropyron repens</i>	Occasional		
<i>Agropyron smithii</i>	Common	Early summer	Perennial grass
<i>Agropyron subsecundum</i>	See Pilz et al. (1979) (5.2.19)	Early to late summer	Perennial grass
<i>Agropyron trachycaulum</i>	Abundant in seeded areas	Early summer	Perennial grass
<i>Agrostis alba</i>	Common	Early summer	Perennial forb
<i>Agrostis exarata</i>	Occasional		
<i>Agrostis idahoensis</i>	See Pilz et al. (1979) (5.2.19)	Early to late summer	Perennial forb
<i>Agrostis perennans</i>	Occasional		
<i>Agrostis scabra</i>	Not common	Early to late summer	Perennial forb
<i>Agrostis semiverticillata</i>	Locally Abundant		
<i>Agrostis stolonifera</i>	Locally abundant		
<i>Ailanthus altissima</i>	Locally common	Early to midsummer	Tree
<i>Allium cernuum</i> var. <i>obtusum</i>	Ubiquitous	Mid- to late summer	Perennial forb
<i>Allium geeyeri</i>	See Pilz et al. (1979) (5.2.19)	Early summer to fall	Perennial forb
<i>Allium macropetalum</i>	Locally Abundant		

Occurrence

<i>Allium textile</i>	Not common	Early spring	Perennial forb
<i>Alnus oblongifolia</i>	See Osborne (1966) (5.3.5)	Spring	Tree
<i>Alnus tenuifolia</i>	Locally common	Spring	Tree
<i>Alopecurus aequalis</i>	Occasional		
<i>Althaea rosea</i>	Occasional		
<i>Amaranthus albus</i>	Occasional		
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Amaranthus graecizans</i>	Locally common	Late summer to fall	Annual forb
<i>Amaranthus hybridus</i>	See Pilz et al. (1979) (5.2.19)	Late summer to fall	Annual forb
<i>Amaranthus leucocarpus</i>	Occasional		
<i>Amaranthus palmeri</i>	See Housley (1974) (5.3.3)	Fall	Annual forb
<i>Amaranthus powellii</i>	Locally abundant		
<i>Amaranthus retroflexus</i>	Locally common	Late summer to fall	Annual forb
<i>Amaranthus torreyi</i>	Not common	Late summer to fall	Annual forb
<i>Ambrosia artemisiifolia</i>	Locally common	Late summer	Annual forb
<i>Ambrosia psilostachya</i>	See Robertson (1968) (5.3.6)	Late summer to fall	Perennial forb
<i>Amelanchier bakeri</i>	Occasional		
<i>Amelanchier oreophila</i>	Not common	Early summer	Shrub
<i>Amelanchier polycarpa</i>	See Robertson (1968) (5.3.6)	Spring to early summer	Shrub
<i>Amelanchier utahensis</i>	Not common	Spring	Shrub
<i>Amorpha canescens</i>	See Herbarium, Bandelier National Monument	Early summer to fall	Shrub
<i>Amorpha fruticosa</i> var. <i>angustifolia</i>	Not common	Spring to midsummer	Shrub
<i>Amorpha nana</i>	Locally common	Early summer	Shrub
<i>Anagallis arvensis</i>	See Robertson (1968) (5.3.6)	Spring to fall	Annual forb
<i>Anaphalis margaritacea</i>	Not common	Late summer	Perennial forb
<i>Andropogon barbinodis</i>	Not common	Early to late summer	Perennial forb
<i>Andropogon gerardii</i>	Locally common	Early to late summer	Perennial grass
<i>Andropogon hallii</i>	Occasional		
<i>Andropogon saccharoides</i>	See Barnes (1983) (5.4.1)	Early to late summer	Perennial grass
<i>Andropogon scoparius</i>	Common	Early to late summer	Perennial grass
<i>Andropogon springfieldii</i>	See Herbarium, Bandelier National Monument (1983)	Early to late summer	Perennial grass
<i>Andropogon wrightii</i>	See Herbarium, Bandelier National Monument (1983)	Early to late summer	Perennial grass
<i>Androsace septentrionalis</i> var. <i>subulifera</i>	Common	Spring to early summer	Annual or Perennial forb
<i>Anemone cylindrica</i>	See Robertson (1968) (5.3.6); Herbarium, Bandelier National Monument	Spring to midsummer	Perennial forb
<i>Angelica pinnata</i>	Locally common	Mid- to late summer	Perennial forb
<i>Anoda cristata</i> var. <i>digitata</i>	Locally common	Late summer to fall	Annual forb

Occurrence

<i>Antennaria marginata</i>	See Pilz et al. (1979) (5.2.19); Robertson (1968) (5.3.6)	Spring to early to summer	Perennial forb
<i>Antennaria parvifolia</i>	Ubiquitous	Spring	Perennial forb
<i>Antennaria rosea</i>	Occasional		
<i>Antennaria rosulata</i>	See Pilz et al. (1979) (5.2.19)	Spring to early summer	Perennial forb
<i>Aphanostephus arizonicus</i>	Occasional		
<i>Apocynum androsaemifolium</i> var. <i>androsaemifolium</i>	Locally common	Early to late summer	Perennial forb
<i>Apocynum cannabinum</i> var. <i>glaberrimum</i>	Locally common	Early to late summer	Perennial forb
<i>Apocynum medium</i> var. <i>A949floribundum</i>	Occasional		
<i>Aquilegia caerulea</i>	Not common to rare	Midsummer	Perennial forb
<i>Aquilegia chrysantha</i>	See Osborne (1966) (5.3.5)	Spring to fall	Perennial forb
<i>Aquilegia elegantula</i>	See Robertson (1968) (5.3.6); Miera 1976 (5.2.18)	Early summer to fall	Perennial forb
<i>Aquilegia triternata</i>	Not common	Spring to early summer	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Arabis divaricarpa</i>	Occasional		
<i>Arabis drummondii</i>	See Herbarium, Bandelier National Monument	Spring to fall	Perennial forb
<i>Arabis fendleri</i> var. <i>fendleri</i>	Common	Spring	Perennial forb
<i>Arabis glabra</i>	See Herbarium, Bandelier National Monument	Spring to midsummer	Biennial, sometimes Perennial forb
<i>Arabis hirsuta</i> var. <i>pyncocarpa</i>	See Herbarium, Bandelier National Monument	Spring to midsummer	Perennial forb
<i>Arabis holboellii</i> var. <i>retrofracta</i>	Not common	Spring to midsummer	Perennial forb
<i>Arabis perennans</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Perennial or Annual forb
<i>Aralia racemosa</i>	Rare, Robertson (1968) (5.3.6); Herbarium, Bandelier National Monument	Late summer to fall	Perennial forb
<i>Arceuthobium divaricatum</i>	See Pilz et al. (1979) (5.2.19)	Late summer to fall	Parasite
<i>Arceuthobium douglasii</i>	See Pilz et al. (1979) (5.2.19)	Spring	Parasitic
<i>Arceuthobium vaginatum</i> subsp. <i>cryptopodium</i>	Locally common	Spring to early summer	Parasite
<i>Arctostaphylos pungens</i>	See Robertson (1968) (5.3.6)	Spring	Shrub
<i>Arctostaphylos uva-ursi</i>	Common	Spring to early summer	Shrub
<i>Arenaria confusa</i>	Locally abundant		
<i>Arenaria fendleri</i> var. <i>brevifolia</i>	Not common	Late summer	Perennial forb
<i>Arenaria fendleri</i> var. <i>fendleri</i>	Not common	Late summer	Perennial forb
<i>Arenaria macrophylla</i>	Not common	Early to late summer	Perennial forb
<i>Aristida adscensionis</i>	Common	Spring	Annual grass
<i>Aristida arizonica</i>	Pilz et al. (1979) (5.2.19)	Mid- to late summer	Perennial grass
<i>Aristida barbata</i>	Not common	Mid- to late summer	Perennial grass
<i>Aristida divaricata</i>	Locally common	Spring to early summer	Perennial grass
<i>Aristida fendleriana</i>	Locally common	Early to late summer	Perennial grass

Occurrence

<i>Aristida longiseta</i>	Locally common	Spring to early summer	Perennial grass
<i>Aristida purpurea</i>	Not common	Spring to early summer	Perennial grass
<i>Artemisia bigelovii</i>	Locally common	Late summer to fall	Shrub
<i>Artemisia campestris</i> subsp. <i>pacifica</i>	See Robertson (1968) (5.3.6)	Late summer to fall	Perennial forb
<i>Artemisia cana</i>	See Miera 1976 (5.2.18)	Mid- to late summer	Shrub
<i>Artemisia carruthii</i>	Locally common	Late summer to fall	Perennial forb
<i>Artemisia dracunculus</i>	Ubiquitous	Late summer	Perennial forb
<i>Artemisia filifolia</i>	Common	Late summer to fall	Shrub
<i>Artemisia franserioides</i>	Abundant	Late summer to fall	Perennial forb
<i>Artemisia frigida</i>	Locally common	Late summer to fall	Undershrub
<i>Artemisia ludoviciana</i> subsp. <i>albula</i>	Occasional		
<i>Artemisia ludoviciana</i> subsp. <i>ludoviciana</i>	Abundant	Late summer to fall	Perennial forb
<i>Artemisia ludoviciana</i> subsp. <i>mexicana</i>	Locally abundant		
<i>Artemisia ludoviciana</i> subsp. <i>redolens</i>	Locally common	Midsummer to fall	Perennial forb
<i>Artemisia ludoviciana</i> subsp. <i>sulcata</i>	Occasional		
<i>Artemisia tridentata</i>	Locally common	Fall	Shrub
<i>Asclepias asperula</i> subsp. <i>asperula</i>	Scattered	Early to midsummer	Perennial forb
<i>Asclepias engelmanniana</i>	Occasional		
<i>Asclepias speciosa</i>	Not common	Early to late summer	Perennial forb
<i>Asclepias involucrata</i>	See Herbarium, Bandelier National Monument	Spring to early summer	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Asclepias macrotis</i>	See Robertson (1968) (5.3.6); Herbarium, Bandelier National Monument	Mid- to late summer	Perennial forb
<i>Asclepias subverticillata</i>	Locally common	Early to late summer	Perennial forb
<i>Asclepias tuberosa</i> subsp. <i>terminalis</i>	Rare	Midsummer	Perennial forb
<i>Asclepias viridiflora</i>	Occasional		
<i>Asparagus officinalis</i>	Not common	Early to midsummer	Perennial forb
<i>Asplenium trichomanes</i>	See Osborne (1966) (5.3.5)	Not applicable	Perennial forb
<i>Aster ericoides</i>	Not common	Late summer	Perennial forb
<i>Aster fendleri</i>	See Herbarium, Bandelier National Monument	Late summer to fall	Perennial forb
<i>Aster foliaceus</i>	Occasional		
<i>Aster glaucodes</i> var. <i>glaucodes</i>	See Miera 1976 (5.2.18)	Midsummer to fall	Perennial forb
<i>Aster hesperius</i>	Locally common	Late summer	Perennial forb
<i>Aster laevis</i>	Locally common	Late summer to fall	Perennial forb
<i>Aster novae-angliae</i>	Locally common	Late summer to fall	Perennial forb
<i>Aster occidentalis</i>	See Miera 1976 (5.2.18)	Mid- to late summer	Perennial forb
<i>Aster pauciflorus</i>	Locally common	Fall	Perennial forb

Occurrence

<i>Aster praealtus</i>	See Herbarium, Bandelier National Monument	Late summer to fall	Perennial forb
<i>Astragalus agrestis</i>	See Pilz et al. (1979) (5.2.19)	Early summer to fall	Perennial forb
<i>Astragalus amphioxys</i>	See Miera 1976 (5.2.18)	Spring to early summer	Perennial forb
<i>Astragalus bisulcatus</i>	Occasional		
<i>Astragalus crassicus</i>	See Miera 1976 (5.2.18)	Spring to midsummer	Perennial forb
<i>Astragalus emoryanus</i>	See Miera 1976 (5.2.18)	Spring to early summer	Annual forb
<i>Astragalus flexuosus</i>	Frequent		
<i>Astragalus gracilis</i>	Not common	Spring to early summer	Perennial forb
<i>Astragalus humistratus</i>	See Herbarium, Bandelier National Monument	Early summer to fall	Perennial forb
<i>Astragalus kentrophyta</i> var. <i>neomexicana</i>	Rare	Late summer	Perennial forb
<i>Astragalus lentiginosus</i>	Not common	Late summer to early fall	Perennial or biennial forb
<i>Astragalus lonchocarpus</i>	Occasional		
<i>Astragalus missouriensis</i> var. <i>missouriensis</i>	Common	Spring to early summer	Perennial forb
<i>Astragalus mollissimus</i>	Not common	Spring	Perennial forb
<i>Astragalus praelongus</i>	Locally common	Spring	Perennial forb
<i>Astragalus shortianus</i>	See Miera 1976 (5.2.18)	Spring	Perennial forb
<i>Athyrium filix-femina</i> var. <i>californicum</i>	Locally common	Not applicable	Perennial forb
<i>Atriplex canescens</i>	Locally common	Midsummer	Shrub
<i>Atriplex patula</i>	See Housley (1974) (5.3.3)	Midsummer	Annual
<i>Bahia biternata</i>	Rare	Early to late summer	Annual or biennial forb
<i>Bahia dissecta</i>	Locally common	Late summer to fall	Biennial forb
<i>Bahia neomexicana</i>	Rare	Late summer to fall	Annual forb
<i>Bahia oblongifolia</i>	See Robertson (1968) (5.3.6)	Early to midsummer	Perennial forb
<i>Baileya multiradiata</i>	Not common	Early to late summer	Biennial or Perennial forb
<i>Bassia hyssopifolia</i>	See Pilz et al. (1979) (5.2.19)	Late summer to fall	Annual forb
<i>Beckmannia syzigachne</i>	Not common	Early to late summer	Annual grass
<i>Berberis fendleri</i>	Locally common	Early summer	Shrub
<i>Berberis repens</i>	Common	Spring	Shrub
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Berlandiera lyrata</i>	Not common	Spring	Perennial forb
<i>Berula erecta</i>	Locally common	Early summer to fall	Perennial forb
<i>Besseyia plantaginea</i>	Common	Early summer	Perennial forb
<i>Betula occidentalis</i>	Locally common	Early spring	Tree
<i>Bidens bigelovii</i>	Rare	Late summer to fall	Annual forb
<i>Bidens bipinnata</i> var. <i>bipinnata</i>	Not common	Late summer	Annual forb
<i>Bidens cernua</i>	Not common	Late summer to fall	Annual forb
<i>Bidens cosmosa</i>	Occasional		

Occurrence

<i>Bidens frondosa</i>	Occasional		
<i>Blepharoneuron tricholepis</i>	Ubiquitous	Spring	Perennial grass
<i>Boerhaavia coulteri</i>	See Miera 1976 (5.2.18)	Late summer to fall	Annual forb
<i>Botrychium multifidum</i> subsp. <i>coulteri</i>	Sensitive		
<i>Bouteloua aristidoides</i> .	See Miera 1976 (5.2.18)	Early summer to fall	Annual grass
<i>Bouteloua barbata</i>	Occasional		
<i>Bouteloua curtipendula</i>	Common	Spring to fall	Perennial grass
<i>Bouteloua eriopoda</i>	Common	Midsummer to fall	Perennial grass
<i>Bouteloua gracilis</i>	Ubiquitous	Late summer to fall	Perennial grass
<i>Bouteloua hirsuta</i>	Common	Late summer	Perennial grass
<i>Bouteloua simplex</i>	Rare	summer	Annual grass
<i>Brassica juncea</i>	Not common	Mid- to late summer	Annual forb
<i>Brassica nigra</i>	See Housley (1974) (5.3.3)	Spring to midsummer	Annual forb
<i>Brickellia betonicaefolia</i>	See Robertson (1968) (5.3.6)	Early summer to fall	Perennial forb
<i>Brickellia brachyphylla</i>	See Pilz et al. (1979) (5.2.19)	Late summer to fall	Perennial forb
<i>Brickellia californica</i>	Not common	Late summer	Perennial forb
<i>Brickellia fendleri</i>	Locally abundant		
<i>Brickellia grandiflora</i>	Not common	Mid- to late summer	Perennial forb
<i>Bromus anomalus</i>	Locally common	summer	Perennial grass
<i>Bromus catharticus</i>	Not common	Midsummer	Annual or biennial grass
<i>Bromus ciliatus</i>	Locally common	Mid- to late summer	Perennial grass
<i>Bromus frondosus</i>	Not common	Late spring	Perennial grass
<i>Bromus inermis</i>	Locally common	Late spring	Perennial grass
<i>Bromus japonicus</i>	Locally common	Mid- to late summer	Annual grass
<i>Bromus lanatipes</i> .	See Pilz et al. (1979) (5.2.19)	Early to late summer	Perennial grass
<i>Bromus marginatus</i>	Locally common	Early summer to fall	Perennial grass
<i>Bromus purgans</i>	Not common	Mid- to late summer	Perennial grass
<i>Bromus tectorum</i>	Locally common	Spring	Annual grass
<i>Buchloe dactyloides</i>	Not Common	June to October	Perennial Grass
<i>Calochortus gunnisonii</i>	Locally common	Late summer	Perennial forb
<i>Calochortus nuttallii</i>	Not common	Early spring	Perennial forb
<i>Calylophus hartwegii</i>	Not common	Early to late summer	Perennial forb
<i>Calypto bulbosa</i>	Not common	Spring to early summer	Perennial forb
<i>Camelina microcarpa</i>	Not common	Spring to early summer	Annual forb
<i>Campanula parryi</i>	Locally common	Late summer	Perennial forb
<i>Campanula rotundifolia</i>	Ubiquitous	Midsummer to early fall	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)

Occurrence

<i>Capsella bursa-pastoris</i>	Common	Spring	Annual forb
<i>Cardamine cordifolia</i>	Locally common	All summer	Perennial forb
<i>Cardaria draba</i>	Occasional		
<i>Carduus nutans</i>	Occasional		
<i>Carex aquatilis</i>	Pilz et al. (1979) (5.2.19)	Information not available	Perennial grass-like forb
<i>Carex bella</i>	See Osborne (1966) (5.3.5); Pilz et al. (1979) (5.2.19)	Information not available	Perennial grass-like forb
<i>Carex bolanderi</i>	Occasional		
<i>Carex brevior</i>	Occasional		
<i>Carex canescens</i>	See Osborne (1966) (5.3.5)	Information not available	Perennial grass-like forb
<i>Carex douglasii</i>	Occasional		
<i>Carex eleocharis</i>	See Osborne (1966) (5.3.5)	Information not available	Perennial grass-like forb
<i>Carex festivella</i>	Locally common	Midsummer	Perennial grass-like forb
<i>Carex foenea</i>	See Osborne (1966) (5.3.5); Pilz et al. (1979) (5.2.19)		
<i>Carex geophila</i>	See Barnes (1983) (5.4.1)	Information not available	Perennial grass-like forb
<i>Carex hystericina</i>	Locally abundant		
<i>Carex interior</i>	See Herbarium, Bandelier National Monument; Pilz et al. (1979) (5.2.19)	Information not available	Perennial grass-like forb
<i>Carex lanuginosa</i>	Frequent		
<i>Carex nebraskensis</i>	See Pilz et al. (1979) (5.2.19); Osborne (1966) (5.3.5)	Information not available	Perennial grass-like forb
<i>Carex occidentalis</i>	Frequent		
<i>Carex praegracilis</i>	See Pilz et al. (1979) (5.2.19)	Information not available	Perennial grass-like forb
<i>Carex scoparia</i>	See Pilz et al. (1979) (5.2.19)	Information not available	Perennial grass-like forb
<i>Carex stipata</i>	See Osborne (1966) (5.3.5)	Information not available	Perennial grass-like forb
<i>Carex xerantica</i>	See Osborne (1966) (5.3.5)	Information not available	Perennial grass-like forb
<i>Castilleja confusa</i>	See Osborne (1966) (5.3.5)	Mid- to late summer	Perennial forb
<i>Castilleja integra</i>	Common	Early summer to fall	Perennial forb
<i>Castilleja linariaefolia</i>	Not common	Midsummer	Perennial forb
<i>Castilleja lineata</i>	See Pilz et al. (1979) (5.2.19)	Midsummer to fall	Perennial forb
<i>Castilleja miniata</i>	Locally common	Early to late summer	Perennial forb
<i>Castilleja minor</i>	Not common	Spring to fall	Perennial forb
<i>Castilleja rhexifolia</i>	See Miera 1976 (5.2.18)	Midsummer to fall	Perennial forb
<i>Ceanothus fendleri</i>	Locally common	Early summer	Shrub
<i>Celtis reticulata</i>	Locally common	Spring	Tree
<i>Cenchrus echinatus</i>	Locally common	Mid- to late summer	Annual grass
<i>Cenchrus pauciflorus</i>	Locally common	Mid- to late summer	Annual grass
<i>Centaurium calycosum</i>	Not common to rare	Late spring to early summer	Annual or Perennial forb

Occurrence

<i>Cerastium arvense</i>	Frequent		
<i>Cerastium brachypodium</i>	See Osborne (1966) (5.3.5)	Spring to late summer	Annual forb
<i>Cerastium vulgatum</i>	Locally abundant		
<i>Cercarpus montanus</i> var. <i>montanus</i>	Locally common	Spring	Shrub
<i>Cercarpus montanus</i> var. <i>paucidentatus</i>	See Robertson (1968) (5.3.6)	Spring to midsummer	Shrub
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Chamaesaracha conioides</i>	Not common	Midsummer	Perennial forb
<i>Chamaesaracha coronopus</i>	See Herbarium, Bandelier National Monument	Spring to fall	Perennial forb
<i>Cheilanthes feei</i>	Occasional		
<i>Cheilanthes fendleri</i>	See Pilz et al. (1979) (5.2.19)	Not applicable	Perennial forb
<i>Cheilanthes tomentosa</i>	Occasional		
<i>Cheilanthes eatonii</i>	See Robertson (1968) (5.3.6)	Not applicable	Perennial forb
<i>Chenopodium albescens</i>	See Pilz et al. (1979) (5.2.19); Housley (1974) (5.3.3)	Midsummer	Annual forb
<i>Chenopodium album</i>	Locally common	Midsummer	Annual forb
<i>Chenopodium berlandieri</i>	See Robertson (1968) (5.3.6)	Late summer to fall	Annual forb
<i>Chenopodium capitatum</i>	See Pilz et al. (1979) (5.2.19); Housley (1974) (5.3.3)	Early to late summer	Annual forb
<i>Chenopodium cycloides</i>	See Miera 1976 (5.2.18)	Late summer	Annual forb
<i>Chenopodium desiccatum</i> var. <i>desiccatum</i>	Not common	Early summer to fall	Annual forb
<i>Chenopodium desiccatum</i> var. <i>leptophylloides</i>	Not common	Midsummer	Perennial forb
<i>Chenopodium fremontii</i>	Locally common	Midsummer	Annual
<i>Chenopodium gigantospermum</i>	Locally common	Midsummer	Annual forb
<i>Chenopodium glaucum</i>	Not common	Late summer to fall	Annual forb
<i>Chenopodium graveolens</i> var. <i>neomexicanum</i>	Locally common	Late summer to fall	Annual forb
<i>Chenopodium incanum</i>	See Pilz et al. (1979) (5.2.19)	Early to late summer	Annual forb
<i>Chenopodium leptophyllum</i>	Locally common	Midsummer	Annual forb
<i>Chenopodium rubrum</i>	Occasional		
<i>Chenopodium watsonii</i>	See Miera 1976 (5.2.18)	Early to late summer	Annual forb
<i>Chimaphila umbellata</i>	Locally common	Mid- to late summer	Perennial forb
<i>Chloris virgata</i>	Not common	Late spring	Annual grass
<i>Chrysopsis villosa</i>	Locally common	Early summer to fall	Perennial forb
<i>Chrysothamnus nauseosus</i> subsp. <i>bigelovii</i>	Common	Midsummer to fall	Shrub
<i>Chrysothamnus nauseosus</i> subsp. <i>latisquameus</i>	Common	Late summer to fall	Shrub
<i>Chrysothamnus parryi</i> subsp. <i>attenuatus</i>	Occasional		
<i>Chrysothamnus parryi</i> subsp. <i>howardii</i>	Occasional		
<i>Chrysothamnus visidiflorus</i> subsp. <i>viscidiflorus</i>	Common	Late summer to fall	Shrub
<i>Cicuta douglasii</i>	Locally common	Mid- to late summer	Perennial forb
<i>Circaea alpina</i>	See Robertson (1966) (5.3.6)	Early summer to fall	Perennial forb

Occurrence

<i>Cirsium neomexicanum</i>	Not common	Early to late summer	Biennial forb
<i>Cirsium ochocentrum</i>	See Pilz et al (1979) (5.2.19)	Early to late summer	Biennial forb
<i>Cirsium pallidum</i>	Not common	Late summer to fall	Perennial forb
<i>Cirsium parryi</i>	Not common	Mid- to late summer	Perennial forb
<i>Cirsium pulchellum</i>	See Pilz et al. (1979) (5.2.19)	Early to late summer	Biennial or Perennial forb
<i>Cirsium undulatum</i>	Not common	Early to late summer	Biennial forb
<i>Cirsium vulgare</i>	Occasional		
<i>Clematis drummondii</i>	See Robertson (1968) (5.3.6)	Spring to fall	Perennial forb
<i>Clematis ligusticifolia</i>	Not common	Late summer	Vine
<i>Clematis pseudoalpina</i>	Common	Early spring to early summer	Vine
<i>Cleome serrulata</i>	Locally common	Midsummer to fall	Annual forb
<i>Clinopodium vulgare</i>	See Robertson (1968) (5.3.6)	Mid- to late summer	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Collomia linearis</i>	Locally common	Spring	Annual forb
<i>Comandra pallida</i>	Not common	Early to late summer	Perennial forb
<i>Commelina dianthifolia</i>	Not common	Late summer to fall	Perennial forb
<i>Conopholis mexicana</i>	Occasional		
<i>Convolvulus arvensis</i>	Common	Early to late summer	Perennial forb
<i>Convolvulus sepium</i>	See Robertson (1968) (5.3.6)	Early to late summer	Perennial forb
<i>Conyza canadensis</i>	Locally common	Early to late summer	Annual forb
<i>Corallorhiza maculata</i>	Locally common	Early to midsummer	Perennial forb
<i>Corallorhiza striata</i>	Rare	Midsummer	Perennial forb
<i>Cordylanthus wrightii</i>	Not common	Mid- to late summer	Annual forb
<i>Coreopsis cardaminefolia</i>	Locally common	Early summer to fall	Annual forb
<i>Coreopsis tinctoria</i>	See Miera 1976 (5.2.18)	Midsummer to fall	Annual forb
<i>Coriandrum sativum</i>	See Robertson (1968) (5.3.6)	Spring to midsummer	Annual forb
<i>Cornus stolonifera</i>	Not common	Spring to early summer	Shrub
<i>Corydalis aurea</i>	Ubiquitous	Spring to early summer	Biennial or short-live Perennial
<i>Coryphantha vivipara</i>	Common	Early summer	Perennial forb
<i>Cosmos parviflorus</i>	Locally common	Mid- to late summer	Annual forb
<i>Crataegus erythropoda</i>	Not common	Spring to early summer	Shrub
<i>Croton texensis</i>	Common	Midsummer	Annual forb
<i>Cryptantha fendleri</i>	Locally common	Early to late summer	Annual forb
<i>Cryptantha jamesii</i>	Ubiquitous	Early summer to fall	Perennial forb
<i>Cryptantha minima</i>	Occasional		
<i>Cryptogramma crispa</i> var. <i>acrostichoides</i>	See Robertson (1968) (5.3.6)	Not applicable	Perennial forb
<i>Cucurbita foetidissima</i>	Not common	Mid- to late summer	Perennial forb

Occurrence

<i>Cuscuta campestris</i>	Occasional		
<i>Cuscuta umbellata</i>	Not common	Mid- to late summer	Parasite
<i>Cymopterus bulbosus</i>	Common	Spring	Perennial forb
<i>Cynodon dactylon</i>	Locally common	Early to late summer	Perennial grass
<i>Cynosurus echinatus</i>	Occasional		
<i>Cyperus aristatus</i>	Locally abundant		
<i>Cyperus esculentus</i>	Locally common	Information not available	Perennial grass-like forb
<i>Cyperus fendlerianus</i>	See Miera 1976 (5.2.18)	Information not available	Perennial grass-like forb
<i>Cyperus rivularis</i>	Occasional		
<i>Cypripedium calceolus</i> var. <i>pubescens</i>	Sensitive		
<i>Cystopteris fragilis</i>	Common	Not applicable	Perennial forb
<i>Dactylis glomerata</i>	Common	Spring	Perennial grass
<i>Dalea brachystachys</i>	Not common	Late summer to early fall	Annual forb
<i>Dalea formosa</i>	Not common	Spring to midsummer	Shrub
<i>Dalea leporina</i>	Locally Abundant		
<i>Dalea nana</i>	Not common	Spring to fall	Perennial forb
<i>Dalea polygonoides</i>	See Herbarium, Bandelier National Monument	Late summer to fall	Annual forb
<i>Dalea terminalis</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Danthonia intermedia</i>	Locally common	Mid- to late summer	Perennial grass
<i>Danthonia parryi</i>	See Herbarium, Bandelier National Monument	Mid- to late summer	Perennial grass
<i>Danthonia spicata</i>	See Osborne (1966) (5.3.5)	Early to midsummer	Perennial grass
<i>Datura meteloides</i>	Not common	Early to late summer	Perennial forb
<i>Delphinium occidentale</i>	Not common	Late summer	Perennial forb
<i>Delphinium virescens</i> subsp. <i>wootonii</i>	Locally common	Spring to early summer	Perennial forb
<i>Deschampsia caespitosa</i>	Locally common	Early to late summer	Annual or Perennial grass
<i>Descurainia obtusa</i> subsp. <i>obtusa</i>	Not common	Spring to midsummer	Annual forb
<i>Descurainia pinnata</i>	Locally common	Spring	Annual
<i>Descurainia richardsonii</i>	Locally common	Early to late summer	Biennial or Perennial forb
<i>Descurainia richardsonii</i> subsp. <i>incisa</i>	Occasional		
<i>Descurainia richardsonii</i> subsp. <i>procera</i>	Occasional		
<i>Descurainia sophia</i>	Not common	Spring to fall	Annual forb
<i>Descurainia richardsonii</i> subsp. <i>viscosa</i>	Frequent		
<i>Distichlis spicata</i>	See Herbarium, Bandelier National Monument	Early to late summer	Perennial grass
<i>Distichlis stricta</i>	Occasional		
<i>Dithyrea wislizenii</i>	Locally common	Spring	Annual or possible biennial forb

Occurrence

Dodecatheon alpinum	See Robertson (1968) (5.3.6)	Early summer to fall	Perennial forb
Dodecatheon pulchellum	Not common	Early to late summer	Perennial forb
Draba aurea var. aurea	Locally common	Midsummer to fall	Perennial forb
Draba helleriana var. helleriana	Not common	Midsummer to fall	Perennial forb
Draba rectifruca	See Osborne (1966) (5.3.5)	Spring to early summer	Annual forb
Draba reptans	Occasional		
Draba spectabilis	See Miera 1976 (5.2.18)	Spring to early summer	Perennial forb
Dryopteris filix-mas	See Robertson (1968) (5.3.6); Osborne (1966) (5.3.5)	Not applicable	Perennial forb
Dyssodia papposa	Locally common	Late summer to fall	Annual forb
Dyssodia thurberi	See Herbarium, Bandelier National Monument	summer to fall	Perennial forb
Echinocereus fendleri	Common	Early summer	Perennial forb
Echinocereus triglochidiatus var. triglochidiatus	Common	Early summer	Perennial forb
Echinocereus triglochidiatus var. melanacanthus	Not common	Early summer	Perennial forb
Echinocereus viridiflorus var. viridiflorus	Not common	Early summer	Perennial forb
Echinochloa crusgalli	Not common	Spring	Annual grass
Elaeagnus angustifolia	Locally common	Spring	Tree
Eleocharis macrostachya	Frequent		
Elymus canadensis	Locally common	Mid- to late summer	Perennial grass
Elymus glaucus	See Pilz et al. (1979) (5.2.19)	Spring to fall	Perennial grass
Elymus virginicus	Not common	Early summer	Perennial grass
Ephedra torreyana	Occasional		
Ephedra viridis var. viridis	Not common to locally common	Spring	Shrub
Epilobium angustifolium	Locally common	Mid- to late summer	Perennial forb
Epilobium ciliatum	Locally common	Mid- to late summer	Annual or Perennial forb
Epilobium oregonense	See Robertson (1968) (5.3.6)	Mid- to late summer	Perennial forb
Epilobium paniculatum	Locally common	Mid- to late summer	Annual forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
Epipactis gigantea	Rare	Spring to early summer	Perennial forb
Equisetum arvense	Locally common	Spring	Perennial grass-like forb
Equisetum hiemale	Locally common	Spring to early summer	Perennial grass-like forb
Equisetum laevigatum	Locally common	Information not available	Annual or Perennial grass-like forb
Eragrostis arida	Locally common	Early summer	Annual forb
Eragrostis barrelieri	Not common	Early to midsummer	Annual grass
Eragrostis cilianensis	Locally abundant		
Eragrostis curvula	Occasional		
Eragrostis hypnoides	Occasional		
Eragrostis pectinacea	Locally abundant		

Occurrence

<i>Eragrostis trichodes</i>	Occasional		
<i>Erigeron canus</i>	Locally common	Early to late summer	Perennial forb
<i>Erigeron divergens</i>	Ubiquitous	Spring to fall	Biennial forb
<i>Erigeron elatior</i>	See Osborne (1966) (5.3.5)	Early summer to fall	Perennial forb
<i>Erigeron flagellaris</i>	Ubiquitous	Spring to fall	Biennial or Perennial
<i>Erigeron formisissimus</i> var <i>formisissimus</i>	See Osborne (1966) (5.3.5); Robertson (1968) (5.3.6)	Late summer	Perennial forb
<i>Erigeron formosissimus viscidus</i>	Locally abundant		
<i>Erigeron nudiflorus</i>	Not common	Early to midsummer	Biennial forb
<i>Erigeron peregrinus</i> subsp. <i>callianthemus</i>	See Miera 1976 (5.2.18)	Mid- to late summer	Perennial or biennial forb
<i>Erigeron philadelphicus</i>	Locally common	Late summer to fall	Perennial or biennial forb
<i>Erigeron platyphyllus</i>	See Pilz et al. (1979) (5.2.19); Robertson (1968) (5.3.6)	Late summer to fall	Perennial forb
<i>Erigeron pumilus</i> subsp. <i>concinoides</i>	Not common	Early summer	Perennial forb
<i>Erigeron rhizomatus</i>	Occasional		
<i>Erigeron simplex</i>	Not common	Midsummer	Perennial forb
<i>Erigeron speciosus</i> var. <i>macranthus</i>	Locally common	Midsummer to fall	Perennial forb
<i>Erigeron subtrinervis</i>	Ubiquitous	Midsummer to fall	Perennial forb
<i>Erigeron superbus</i>	See Osborne (1966) (5.3.5); Miera 1976 (5.2.18)	Late summer to fall	Perennial forb
<i>Erigeron utahensis</i>	See Osborne (1966) (5.3.5)	Early to late summer	Perennial forb
<i>Erigeron vetensis</i>	Locally common	Early summer to fall	Perennial forb
<i>Eriochloa gracilis</i>	See Robertson (1968) (5.3.6)	Midsummer to fall	Annual grass
<i>Eriogonum abertianum</i>	See Herbarium, Bandelier National Monument	Spring to summer	Annual or biennial forb
<i>Eriogonum alatum</i>	See Herbarium, Bandelier National Monument	Spring to fall	Annual forb
<i>Eriogonum annuum</i>	See Herbarium, Bandelier National Monument	Spring to fall	Annual forb
<i>Eriogonum cernuum</i>	Locally common	Late summer	Annual forb
<i>Eriogonum effusum</i>	Not common	Mid- to late summer	Perennial
<i>Eriogonum jamesii</i>	Locally common	Mid- to late summer	Perennial forb
<i>Eriogonum leptocladon</i>	Not common	Midsummer to fall	Perennial forb
<i>Eriogonum polycladon</i>	See Pilz et al. (1979) (5.2.19); Robertson (1968) (5.3.6)	Early summer to fall	Annual forb
<i>Eriogonum racemosum</i>	Common	Late summer	Perennial forb
<i>Erodium cicutarium</i>	Locally common	Spring to midsummer	Annual forb
<i>Erysimum asperum</i>	See Miera 1976 (5.2.18)	Spring to midsummer	Perennial forb
<i>Erysimum capitatum</i>	Locally common	Spring to midsummer	Perennial or biennial forb
<i>Erysimum inconspicuum</i>	See Miera 1976 (5.2.18)	Early to late summer	Perennial or biennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Eupatorium herbaceum</i>	Locally common	Fall	Perennial forb
<i>Euphorbia albomarginata</i>	Common	Spring to fall	Perennial forb
<i>Euphorbia dentata</i>	Locally common	Midsummer to fall	Annual forb
<i>Euphorbia dentata</i> var. <i>cuphosperma</i>	Locally common	Midsummer to fall	Annual forb

Occurrence

<i>Euphorbia exstipulata</i>	Not common	Late summer to fall	Annual forb
<i>Euphorbia fendleri</i> var. <i>fendleri</i>	See Robertson (1968) (5.3.6)	Spring to fall	Perennial forb
<i>Euphorbia geyeri</i>	See Barnes (1983) (5.4.1)	Early to late summer	Annual forb
<i>Euphorbia lurida</i>	See Pilz et al. (1979)(5.2.19)	Spring to fall	Annual forb
<i>Euphorbia missurica</i> var. <i>intermedia</i>	See Housley (1974) (5.3.3)	Midsummer to fall	Annual forb
<i>Euphorbia neomexicana</i>	Not common	Late summer	Annual forb
<i>Euphorbia revoluta</i>	Barnes (1983) (5.4.1)	Late summer to fall	Annual forb
<i>Euphorbia robusta</i>	Locally abundant		
<i>Euphorbia serpyllifolia</i>	See Pilz et al. (1979)(5.2.19)	Spring to fall	Annual forb
<i>Eurotia lanata</i>	Not common	Late summer	Shrub
<i>Evolvulus pilosus</i>	Occasional		
<i>Fallugia paradoxa</i>	Common	Early to late summer	Shrub
<i>Fendlera rupicola</i> var. <i>rupicola</i>	Locally common	Spring	Shrub
<i>Festuca arizonica</i>	See Osborne (1966) (5.3.5)	Early to late summer	Perennial grass
<i>Festuca elatior</i>	See Herbarium, Bandelier National Monument	Early to late summer	Perennial grass
<i>Festuca octoflora</i>	See Herbarium, Bandelier National Monument	Spring to midsummer	Annual grass
<i>Festuca ovina</i>	Abundant in burned areas reseeded with species	Spring	Perennial grass
<i>Festuca sororia</i>	Locally common	summer	Perennial grass
<i>Festuca thurberi</i>	Locally common	Early to late summer	Perennial grass
<i>Forestiera neomexicana</i>	Common	Early spring	Shrub
<i>Fragaria americana</i>	Locally common	Early summer to fall	Perennial forb
<i>Fragaria ovalis</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Perennial forb
<i>Franseria acanthicarpa</i>	Not common	Midsummer to fall	Annual forb
<i>Franseria confertiflora</i>	Locally common	summer to fall	Perennial forb
<i>Gaillardia pinnatifida</i>	Locally common	Early summer to fall	Perennial forb
<i>Galium aparine</i>	Locally common	Early to late summer	Annual forb
<i>Galium asperrimum</i>	Locally common	Midsummer to fall	Perennial forb
<i>Galium boreale</i>	Locally common	Mid- to late summer	Perennial forb
<i>Galium fendleri</i>	See Pilz et al. (1979) (5.2.19)	Early summer to fall	Perennial forb
<i>Galium microphyllum</i>	Not common	Early summer to fall	Perennial forb
<i>Galium tinctorum</i> var. <i>subbiflorum</i>	See Robertson (1968) (5.3.6)	Early to late summer	Perennial forb
<i>Gaura coccinea</i>	Common	Spring to summer	Perennial forb
<i>Gaura parviflora</i>	Not common	Mid- to late summer	Biennial or Annual forb
<i>Gentiana affinis</i>	Locally common	Midsummer to fall	Perennial forb
<i>Gentiana bigelovii</i>	Not common	Late summer to fall	Perennial forb
<i>Gentiana plebeia</i>	Not common	Late summer to fall	Annual forb
<i>Gentiana strictiflora</i>	Not common	Late summer to fall	Annual forb
<i>Geranium caespitosum</i>	Locally common	Spring to fall	Perennial forb

Occurrence

<i>Geranium fremontii</i>	See Robertson (1968) (5.3.6); Osborne (1966) (5.3.5)	Early summer to fall	Perennial forb
<i>Geranium fremontii</i> var. <i>parryi</i>	See Robertson (1968) (5.3.6)	Early summer to fall	Perennial forb
<i>Geranium richardsonii</i>	Not common at lower elev.; locally common higher	Mid- to late summer	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Geum macrophyllum</i> var. <i>perincisum</i>	See Robertson (1968) (5.3.6); Osborne (1966) (5.3.5)	Spring to early summer	Perennial forb
<i>Geum rivale</i>	Not common	Spring to early summer	Perennial forb
<i>Geum strictum</i> var. <i>strictum</i>	See Robertson (1968) (5.3.6)	Spring to early summer	Perennial forb
<i>Geum triflorum</i> var. <i>ciliatum</i>	Not common	Spring to early summer	Perennial forb
<i>Gilia flavocincta</i> subsp. <i>australis</i>	Occasional		
<i>Gilia leptomeria</i>	See Housley (1974) (5.3.3)	Spring to early summer	Annual forb
<i>Gilia pinnatifida</i>	See Miera 1976 (5.2.18)	Early to late summer	Biennial or Perennial forb
<i>Glyceria borealis</i>	See Robertson (1968) (5.3.6)	Early to late summer	Perennial grass
<i>Glyceria grandis</i>	Locally abundant		
<i>Glyceria striata</i>	Not common	Spring	Perennial grass
<i>Glycyrrhiza lepidota</i>	Locally common	Spring to early summer	Perennial forb
<i>Gnaphalium chilense</i>	Occasional		
<i>Gnaphalium chilense</i>	See Miera 1976 (5.2.18)	summer to fall	Annual to biennial forb
<i>Gnaphalium grayi</i>	Occasional		
<i>Gnaphalium macounii</i>	Occasional		
<i>Gnaphalium palustre</i>	Occasional		
<i>Gnaphalium wrightii</i>	Locally abundant		
<i>Goodyera oblongifolia</i>	Locally common	Late summer	Perennial forb
<i>Goodyera repens</i>	Not common	Late summer	Perennial forb
<i>Grindelia aphanactis</i>	Locally common	Late summer to fall	Biennial forb
<i>Grindelia fastigiata</i>	See Miera 1976 (5.2.18)	Mid- to late summer	Perennial forb
<i>Grindelia squarrosa</i>	Rare	Fall	Biennial or Perennial
<i>Gutierrezia microcephala</i>	Not common	Late summer to fall	Subshrub
<i>Gutierrezia sarothrae</i>	Ubiquitous	Late summer to fall	Subshrub
<i>Habenaria hyperborea</i>	Locally Abundant		
<i>Habenaria sparsiflora</i>	Not common	Midsummer	Perennial forb
<i>Hackelia floribunda</i>	Ubiquitous	Spring to midsummer	Biennial or Perennial forb
<i>Hackelia grisea</i>	Occasional		
<i>Hackelia pinetorum</i>	See Robertson (1968) (5.3.6)	Early to late summer	Perennial forb
<i>Haplopappus croceus</i>	Occasional		
<i>Haplopappus gracilis</i>	Ubiquitous	Late summer to fall	Annual forb
<i>Haplopappus nuttallii</i>	See Robertson (1968) (5.3.6)	Early summer to fall	Perennial forb

Occurrence

<i>Haplopappus parryi</i>	Not common	Late summer	Perennial forb
<i>Haplopappus spinulosus</i> subsp. <i>spinulosus</i>	Abundant	Late summer	Perennial forb
<i>Hedeoma drummondii</i>	Common	Early to late summer	Perennial forb
<i>Hedeoma nana</i>	See Herbarium, Bandelier National Monument; Pilz et al. (1979) (5.2.19)	Spring to fall	Perennial forb
<i>Hedeoma oblongifolia</i>	See Robertson (1968) (5.3.6)	Spring to fall	Annual forb
<i>Hedeoma pulcherrima</i>	Occasional		
<i>Helenium autumnale</i> var. <i>montanum</i>	Occasional		
<i>Helenium hoopesii</i>	Not common	Late summer	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Helianthella quinquenervis</i>	Locally common	Midsummer	Perennial forb
<i>Helianthus annuus</i>	Ubiquitous	Mid- to late summer	Annual forb
<i>Helianthus arizonensis</i>	Robertson (1968) (5.3.6)	summer	Perennial forb
<i>Helianthus petiolaris</i>	Locally common	Mid- to late summer	Annual forb
<i>Helianthus rigidus</i> subsp. <i>subrhomboideus</i>	Occasional		
<i>Heracleum lanatum</i>	Not common	Early to late summer	Perennial forb
<i>Heuchera parvifolia</i>	Common	Early summer to fall	Perennial forb
<i>Hieracium carneum</i>	Occasional		
<i>Hieracium fendleri</i>	Not common	Mid- to late summer	Annual forb
<i>Hierochloa odorata</i>	See Osborne (1966) (5.3.5)	Early to midsummer	Perennial grass
<i>Hilaria jamesii</i>	Common	Spring to early summer	Perennial grass
<i>Holodiscus dumosus</i>	Locally common	Late summer to early fall	Shrub
<i>Hordeum brachyantherum</i>	See Osborne (1966) (5.3.5)	Early to late summer	Perennial grass
<i>Hordeum jubatum</i>	Locally common	Early summer	Perennial grass
<i>Humulus americanus</i>	Locally common	Midsummer	Perennial forb
<i>Humulus americanus</i>	Locally abundant		
<i>Hydrophyllum fendleri</i>	Locally common	Spring to midsummer	Perennial forb
<i>Hymenopappus filifolius</i>	Locally common	Spring	Perennial forb
<i>Hymenopappus flavescens</i> var. <i>cano-tomentosus</i>	Occasional		
<i>Hymenopappus newberryi</i>	Pilz et al. (1979) (5.2.19)	summer	Perennial forb
<i>Hymenopappus tenuifolius</i>	Not common	Early summer	Biennial forb
<i>Hymenoxys acaulis</i> var. <i>acaulis</i>	See Miera 1976 (5.2.18)	Spring to fall	Perennial forb
<i>Hymenoxys acaulis</i> var. <i>arizonica</i>	See Robertson (1968) (5.3.6)	Spring to fall	Perennial forb
<i>Hymenoxys argentea</i>	Ubiquitous	Spring to early summer	Perennial forb
<i>Hymenoxys brandegei</i>	See Robertson (1968); Miera 1976 (5.2.18)	Late summer to fall	Perennial forb
<i>Hymenoxys ivesiana</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Perennial forb
<i>Hymenoxys richardsonii</i> var. <i>floribunda</i>	Ubiquitous	Mid- to late summer	Perennial forb

Occurrence

<i>Hyoscyamus niger</i>	See Herbarium, Bandelier National Monument	Information not available	Annual or biennial forb
<i>Hypericum formosum</i>	Not common	Late summer to fall	Perennial forb
<i>Ipomoea coccinea</i>	Not common	Late summer	Perennial forb
<i>Ipomoea hederacea</i>	Not common	Early to late summer	Annual forb
<i>Ipomopsis aggregata</i> subsp. <i>aggregata</i>	Common	Late summer	Perennial forb
<i>Ipomopsis aggregata</i> subsp. <i>texana</i>	See Miera 1976 (5.2.18)	Early summer to fall	Biennial forb
<i>Ipomopsis laxiflora</i>	See Herbarium, Bandelier National Monument	Spring to late summer	Annual forb
<i>Ipomopsis longiflora</i>	Locally common	Late summer	Annual (sometimes biennial) forb
<i>Ipomopsis multiflora</i>	See Pilz et al. (1979) (5.2.19)	Late summer to fall	Perennial forb
<i>Ipomopsis pumila</i>	Not common	Early to late summer	Annual forb
<i>Iris missouriensis</i>	Common	Spring to early summer	Perennial forb
<i>Iva axillaris</i>	See Pilz et al. (1979) (5.2.19)	Early to late summer	Perennial forb
<i>Iva xanthifolia</i>	Not common	Late summer to fall	Annual forb
<i>Jamesia americana</i>	Locally common	Early summer	Shrub
<i>Juncus balticus</i> var. <i>montanus</i>	Locally common	Midsummer to fall	Perennial forb
<i>Juncus bufonius</i>	Locally common	summer to fall	Annual forb
<i>Juncus confusus</i>	See Osborne (1966) (5.3.5)	Midsummer to fall	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Juncus drummondii</i>	Locally common	Mid- to late summer	Perennial forb
<i>Juncus interior</i>	Locally common	Early to late summer	Perennial forb
<i>Juncus longistylis</i> var. <i>longistylis</i>	See Robertson (1968) (5.3.6)	Late summer to fall	Perennial forb
<i>Juncus marginatus</i>	See Robertson (1968) (5.3.6)	Early summer to fall	Perennial forb
<i>Juncus mexicanus</i>	See Robertson (1968) (5.3.6)	Midsummer to fall	Perennial forb
<i>Juncus tenuis</i>	Locally abundant		
<i>Juncus torreyi</i>	See Pilz. et al. (1979) (5.2.19)	Midsummer to fall	Perennial forb
<i>Juncus xiphioides</i>	Frequent		
<i>Juniperus communis</i>	Common	Spring	Shrub
<i>Juniperus deppeana</i>	Scattered to locally common	Early spring	Tree to large shrub
<i>Juniperus monosperma</i>	Abundant	Early spring	Tree to large shrub
<i>Juniperus scopulorum</i>	Not common	Spring	Medium-sized tree to small shrub
<i>Kallstroemia hirsutissima</i>	See Appendix I	Late summer to fall	Annual forb
<i>Kochia scoparia</i>	Locally abundant	Late summer	Annual forb
<i>Koeleria cristata</i>	Common	Early summer	Perennial grass
<i>Krigia biflora</i>	Occasional		
<i>Kuhnia chlorolepis</i>	Not common	Early to late summer	Perennial forb
<i>Lactuca canadensis</i>	Locally abundant		
<i>Lactuca graminifolia</i>	See Herbarium, Bandelier National Monument	Mid- to late summer	Biennial forb

Occurrence

<i>Lactuca ludoviciana</i>	Not common	Early summer to fall	Biennial forb
<i>Lactuca pulchella</i>	Not common	Mid- to late summer	Perennial forb
<i>Lactuca serriola</i>	Not common	Late summer	Annual or biennial forb
<i>Lactuca spicata</i>	Occasional		
<i>Lappula echinata</i>	Locally common	Early to late summer	Annual forb
<i>Lappula redowskii</i>	Locally common	Spring to fall	Annual forb
<i>Lappula texana</i>	Locally common	Early summer	Annual forb
<i>Lathyrus arizonicus</i>	Common	Early to midsummer	Perennial forb
<i>Lathyrus leucanthus</i>	See Pilz et al. (1979) (5.2.19)	Early summer to fall	Perennial forb
<i>Leersia oryzoides</i>	Occasional		
<i>Lemna minor</i>	Rare	Information not available	Perennial forb
<i>Lepidium medium</i> var. <i>pubescens</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Annual forb
<i>Lepidium medium</i> var. <i>medium</i>	Common	Spring to midsummer	Annual forb
<i>Lesquerella fendleri</i>	Not common	Spring to early summer	Perennial forb
<i>Lesquerella intermedia</i>	Common	Early summer	Perennial forb
<i>Lesquerella rectipes</i>	See Barnes (1983) (5.4.1)	Spring to early summer	Perennial forb
<i>Leucelene ericoides</i>	Locally common	Early summer to fall	Perennial forb
<i>Liatis punctata</i>	Locally common	Late summer to fall	Perennial forb
<i>Ligusticum porteri</i>	Locally common	Mid- to late summer	Perennial forb
<i>Lilium umbellatum</i>	Rare	Midsummer	Perennial forb
<i>Limosella aquatica</i>	Locally common	Spring	Annual or Perennial forb
<i>Linaria vulgaris</i>	Not common	Midsummer to fall	Perennial forb
<i>Linum aristatum</i> var. <i>australe</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Annual forb
<i>Linum lewisii</i>	Locally common	Early summer to fall	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Linum neomexicana</i>	Locally common	Spring to midsummer	Perennial forb
<i>Linum puberulum</i>	See Herbarium, Bandelier National Monument; Miera 1976 (5.2.18)	Spring and mid summer	Annual forb
<i>Linum rigidum</i> "complex"	Locally Abundant		
<i>Lithospermum cobrense</i>	See Robertson (1968) (5.3.6)	Early to late summer	Biennial or Perennial
<i>Lithospermum incisum</i>	Not common	Spring	Perennial forb
<i>Lithospermum multiflorum</i>	Not common	Late summer to fall	Perennial forb
<i>Lobelia cardinalis</i> subsp. <i>graminae</i>	Locally common	Late summer to fall	Perennial forb
<i>Lolium perenne</i>	Locally common	Spring to early summer	Perennial grass
<i>Lonicera involucrata</i>	Not common	Early to midsummer	Shrub
<i>Lotus wrightii</i>	Common	Mid- to late summer	Perennial forb
<i>Lupinus alpestris</i>	See Pilz et al. (1979) (5.2.19)	Early to late summer	Perennial forb
<i>Lupinus ammophilus</i>	See Osborne (1966) (5.3.5)	Spring to early summer	Perennial forb
<i>Lupinus argenteus</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Perennial forb

Occurrence

<i>Lupinus brevicaulis</i>	Occasional		
<i>Lupinus caudatus</i> subsp. <i>argophyllus</i>	Locally common	Early to late summer	Perennial forb
<i>Lupinus kingii</i>	Locally common	Early summer	Annual forb
<i>Lupinus pusillus</i>	See Pilz et al. (1979) (5.2.19)	Spring to early summer	Annual forb
<i>Lupinus rubricaulis</i>	See Pilz et al. (1979) (5.2.19)	Information not available	Perennial forb
<i>Luzula parviflora</i>	See Osborne (1966) (5.3.5)	Early to late summer	Perennial forb
<i>Lycium pallidum</i>	Locally common	Spring	Shrub
<i>Lycopus americanus</i>	Occasional		
<i>Lycurus phleoides</i>	Locally common	Mid- to late summer	Perennial grass
<i>Machaeranthera amplifolia</i>	See Herbarium, Bandelier National Monument	Early summer to fall	Biennial or Perennial forb
<i>Machaeranthera bigelovii</i>	Locally abundant	Fall	Annual or biennial forb
<i>Machaeranthera canescens</i>	Occasional		
<i>Machaeranthera linearis</i>	See Pilz et al. (1979) (5.2.19)	Late summer to fall	Biennial or Perennial forb
<i>Machaeranthera tanacetifolia</i>	Locally common	Late summer to fall	Annual forb
<i>Machaeranthera tephrodes</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Biennial forb
<i>Malacothrix fendleri</i>	See Herbarium, Bandelier National Monument	Spring to early summer	Annual forb
<i>Malaxis soulei</i>	Not common	Late summer to fall	Perennial forb
<i>Malva negelecta</i>	Locally common	Spring to fall	Annual or biennial forb
<i>Malva parviflora</i>	Locally common	Early summer to fall	Annual forb
<i>Mammillaria wrightii</i>	See Barnes (1983) (5.4.1)	Late summer to fall	Perennial forb
<i>Marrubium vulgare</i>	Not common	Early summer to fall	Perennial forb
<i>Maurandya antirrhiniflora</i>	Not common	Early summer	Shrub
<i>Medicago lupulina</i>	Locally common	Early summer	Annual forb
<i>Medicago sativa</i>	Common	Early to late summer	Perennial forb
<i>Melampodium leucanthum</i>	Locally common	Early summer to fall	Perennial forb
<i>Melica porteri</i>	Not common	Mid- to late summer	Perennial grass
<i>Melilotus albus</i>	Locally common to abundant	Mid- to late summer	Annual or biennial forb
<i>Melilotus indicus</i>	Not common	Spring to fall	Annual forb
<i>Melilotus officinalis</i>	Locally common to abundant	Midsummer to fall	Annual or Perennial forb
<i>Menodora scabra</i>	Occasional		
<i>Mentha arvensis</i>	Locally common	Early summer to fall	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Mentzelia albicaulis</i>	Not common	Spring to midsummer	Annual forb
<i>Mentzelia laciniata</i>	See Herbarium, Bandelier National Monument	Spring to midsummer	Biennial or Perennial forb
<i>Mentzelia nuda</i> var. <i>stricta</i>	See Housley (1974) (5.3.3)	Early to late summer	Perennial forb
<i>Mentzelia pumila</i> var. <i>integra</i>	See Pilz et al. (1979) (5.2.19)	Early summer to fall	Biennial forb
<i>Mentzelia pumila</i> var. <i>multiflora</i>	Locally common	Spring to fall	Biennial forb

Occurrence

<i>Mentzelia pumila</i> var. <i>pumila</i>	Common	Early to late summer	Biennial forb
<i>Mentzelia rusbyi</i>	See Miera 1976 (5.2.18)	Midsummer to fall	Biennial forb
<i>Mertensia brevistyla</i>	Not common	Late summer to fall	Perennial forb
<i>Mertensia franciscana</i>	Not common	Midsummer	Perennial forb
<i>Mertensia lanceolata</i> var. <i>fenderli</i>	Common	Spring to early summer	Perennial forb
<i>Mertensia lanceolata</i> var. <i>lanceolata</i>	Ubiquitous	Early summer to fall	Perennial forb
<i>Microseris linearifolia</i>	Not common	Spring	Annual forb
<i>Microseris minimus</i>	Not common	Spring	Perennial forb
<i>Microsteris gracilis</i>	Occasional		
<i>Mimulus floribundus</i>	Locally common	Spring to midsummer	Annual forb
<i>Mimulus glabratus</i> var. <i>fremontii</i>	See Herbarium, Bandelier National Monument	Spring to midsummer	Perennial forb
<i>Mimulus guttatus</i>	Locally common	Midsummer	Perennial forb
<i>Mirabilis coccinea</i>	See Robertson (1968) (5.3.6)	Mid- to late summer	Perennial forb
<i>Mirabilis multiflora</i>	Common	Mid- to late summer	Perennial forb
<i>Mirabilis oxybaphoides</i>	Not common	Mid- to late summer	Perennial forb
<i>Moldavica parviflora</i>	Not common	Early summer to fall	Annual or biennial forb
<i>Monarda menthaefolia</i>	Locally common	Midsummer to fall	Perennial forb
<i>Monarda pectinata</i>	Locally common	Midsummer	Annual forb
<i>Monotropa latisquama</i>	Not common	Late summer	Perennial forb
<i>Muhlenbergia arsenei</i>	See Barnes (1983) (5.4.1)	Late summer to fall	Perennial grass
<i>Muhlenbergia asperifolia</i>	See Herbarium, Bandelier National Monument	Early summer	Perennial grass
<i>Muhlenbergia curtifolia</i>	See Robertson (1968) (5.3.6)	Mid- to late summer	Perennial grass
<i>Muhlenbergia mexicana</i>	Not common	Early to late summer	Perennial grass
<i>Muhlenbergia montana</i>	Ubiquitous	Late summer to fall	Perennial grass
<i>Muhlenbergia pauciflora</i>	See Robertson (1968) (5.3.6)	Mid- to late summer	Perennial grass
<i>Muhlenbergia porteri</i>	See Robertson (1968) (5.3.6)	Mid- to late summer	Perennial grass
<i>Muhlenbergia pulcherrima</i>	See Miera 1976 (5.2.18)	Mid- to late summer	Perennial grass
<i>Muhlenbergia racemosa</i>	See Robertson (1968) (5.3.6)	Mid- to late summer	Perennial grass
<i>Muhlenbergia rigens</i>	Locally Abundant		
<i>Muhlenbergia torreyi</i>	Common	Midsummer to fall	Perennial grass
<i>Muhlenbergia wolfii</i>	Occasional		
<i>Muhlenbergia wrightii</i>	Not common	Midsummer to fall	Perennial grass
<i>Munroa squarrosa</i>	Locally common	Late summer to fall	Perennial grass
<i>Myosurus minimus</i>	Not common	Spring	Annual forb
<i>Nama dichotomum</i>	Not common	Late summer to fall	Annual forb
<i>Nama hispidum</i> var. <i>hispidum</i>	Not common	Early summer to fall	Annual forb
<i>Nepeta cataria</i>	See Robertson (1968) (5.3.6)	Late summer to fall	Perennial forb
<i>Nicotiana attenuata</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Perennial forb

Occurrence

<i>Nolina microcarpa</i>	Locally abundant		
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Notholaena</i> spp.	See Barnes (1983) (5.4.1)	Not applicable	Perennial forb
<i>Notholaena standleyi</i>	Locally Abundant		
<i>Oenothera albicaulis</i>	Common	Early summer to fall	Annual forb
<i>Oenothera caespitosa</i>	Not common	Mid- to late summer	Perennial forb
<i>Oenothera caespitosa</i> subsp. <i>eximia</i>	See Miera 1976 (5.2.18)	Spring to fall	Perennial forb
<i>Oenothera caespitosa</i> subsp. <i>montana</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Perennial forb
<i>Oenothera coronopifolia</i>	Not common	Earl to late summer	Perennial forb
<i>Oenothera flava</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Perennial forb
<i>Oenothera hookeri</i>	Not common	Mid- to late summer	Biennial forb
<i>Oenothera laciniata</i> var. <i>laciniata</i>	See Housley (1974) (5.3.3)	Spring to fall	Annual or Perennial forb
<i>Oenothera pallida</i> subsp. <i>pallida</i>	See Herbarium, Bandelier National Monument	Mid- to late summer	Perennial forb
<i>Oenothera primiveris</i>	See Miera 1976 (5.2.18)	Spring	Annual forb
<i>Opuntia clavata</i>	Locally common	Spring to early summer	Perennial forb
<i>Opuntia erinacea</i> var. <i>erinacea</i>	Not common	Spring to early summer	Perennial forb
<i>Opuntia erinacea</i> var. <i>utahensis</i>	Not common	Spring to early summer	Perennial forb
<i>Opuntia imbricata</i>	Locally common	Early spring	Perennial forb
<i>Opuntia macrorhiza</i> var. <i>macrorhiza</i>	Not common	Spring to early summer	Perennial forb
<i>Opuntia phaeacantha</i> var. <i>discata</i>	Not common	Spring to early summer	Perennial forb
<i>Opuntia phaeacantha</i> var. <i>phaeacantha</i>	Locally common	Spring to early summer	Perennial forb
<i>Opuntia polyacantha</i> var. <i>polyacantha</i>	Locally common	Late spring to early summer	Perennial forb
<i>Orobanche fasciculata</i> var. <i>lutea</i>	Not common	Spring to early summer	Perennial forb
<i>Orobanche ludoviciana</i>	Occasional		
<i>Orobanche multiflora</i>	Not common	Spring to early summer	Perennial forb
<i>Orthocarpus luteus</i>	Common	Late summer	Annual forb
<i>Orthocarpus purpureo-albus</i>	Common	Mid- to late summer	Annual forb
<i>Oryzopsis asperifolia</i>	Not common	Early summer	Perennial grass
<i>Oryzopsis hymenoides</i>	Locally common	Mid- to late summer	Perennial grass
<i>Oryzopsis micrantha</i>	See Barnes (1983) (5.4.1)	Early to midsummer	Perennial grass
<i>Osmorhiza obtusa</i>	Not common	Spring	Perennial forb
<i>Oxalis metcalfei</i>	See Robertson (1968) (5.3.6); Osborne (1966) (5.3.5)	Midsummer to fall	Perennial forb
<i>Oxalis violacea</i>	Locally common	Midsummer	Perennial forb
<i>Oxybaphus hirsutus</i>	See Housley (1979) (5.3.3)	Early summer to late fall	Perennial forb
<i>Oxybaphus linearis</i> var. <i>linearis</i>	Not common	Midsummer	Perennial forb
<i>Oxypolis fendleri</i>	See Robertson (1968) (5.3.6); Pilz et al. (1979) (5.2.19)	Early to late summer	Perennial forb
<i>Oxytropis lambertii</i>	Occasional		

Occurrence

<i>Pachystima myrsinites</i>	Locally common	Spring	Underbrush
<i>Panicum bulbosum</i>	Locally abundant		
<i>Panicum capillare</i> var. <i>capillare</i>	Locally common	Early summer	Annual grass
<i>Panicum hallii</i>	Occasional		
<i>Panicum helleri</i>	See Herbarium, Bandelier National Monument	Early summer	Perennial grass
<i>Panicum miliaceum</i>	Not common	Midsummer to fall	Annual grass
<i>Panicum obtusum</i>	Not common	Early summer	Perennial grass
<i>Panicum scribnerianum</i>	See Robertson (1968) (5.3.6)	Midsummer to fall	Perennial grass
<i>Panicum tennesseense</i>	Rare	Early summer	Perennial grass
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Panicum virgatum</i>	Not common	Midsummer to fall	Perennial grass
<i>Parthenium incanum</i>	Occasional		
<i>Parthenocissus inserta</i>	Not common	Spring	Vine
<i>Pectis angustifolia</i>	See Herbarium, Bandelier National Monument	Midsummer to fall	Annual forb
<i>Pectis papposa</i>	Not common	Early summer to fall	Annual forb
<i>Pedicularis grayi</i>	Locally common	Mid- to late summer	Perennial forb
<i>Pediocactus papyracanthus</i>	Locally common	Spring	Perennial forb
<i>Pellaea atropurpurea</i>	Locally common	Not applicable	Perennial forb
<i>Pellaea fendleri</i>	Common	Not applicable	Perennial forb
<i>Pellaea limitanea</i>	Locally common	Not applicable	Perennial forb
<i>Pellaea longimucronata</i>	See Robertson (1968) (5.3.6)	Not applicable	Perennial forb
<i>Penstemon barbatus</i> subsp. <i>torreyi</i>	Common	Late summer	Perennial forb
<i>Penstemon eatonii</i>	See Housley (1974) (5.3.3)	Spring	Perennial
<i>Penstemon fendleri</i>	See Robertson (1968) (5.3.6)	Spring to early summer	Perennial forb
<i>Penstemon jamesii</i>	Not common	Spring	Perennial forb
<i>Penstemon lentus</i>	See Miera 1976 (5.2.18)	Spring to early summer	Perennial forb
<i>Penstemon linarioides</i> subsp. <i>coloradensis</i>	See Housley (1974) (5.3.3)	Early to midsummer	Perennial forb
<i>Penstemon oliganthus</i>	See Miera 1976 (5.2.18)	Early to late summer	Perennial forb
<i>Penstemon rydbergii</i>	See Osborne (1966) (5.3.5)	Mid- to late summer	Perennial forb
<i>Penstemon secundiflorus</i>	Locally common	Spring to early summer	Perennial forb
<i>Penstemon virgatus</i>	Locally common	Mid- to late summer	Perennial forb
<i>Penstemon whippleanus</i>	Not common	Late summer	Perennial forb
<i>Pericome caudata</i>	Locally common	Late summer to fall	Perennial forb
<i>Petalostemum candidum</i>	Locally common	Late summer	Perennial forb
<i>Petalostemum compactum</i>	Not common	Late summer	Perennial forb
<i>Petalostemum exile</i>	Not common	Early summer	Perennial forb
<i>Petalostemum purpureum</i>	Not common	Midsummer	Perennial forb
<i>Petalostemum villosum</i>	See Miera 1976 (5.2.18)	Late summer to fall	Perennial forb

Occurrence

<i>Phacelia coerulea</i>	Occasional		
<i>Phacelia corrugata</i>	Locally common	Spring to fall	Annual or biennial forb
<i>Phacelia heterophylla</i>	Not common	Spring to fall	Perennial forb
<i>Phacelia integrifolia</i>	Not common	Spring to fall	Annual forb
<i>Phacelia magellanica</i>	See Osborne (1966) (5.3.5)	Spring to fall	Biennial or short-lived Perennial
<i>Phacelia neomexicana</i> var. <i>neomexicana</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Annual forb
<i>Phaseolus angustissimus</i>	Not common	Spring to late summer	Perennial forb
<i>Phaseolus leiospermus</i>	See Miera 1976 (5.2.18)	Midsummer to fall	Annual forb
<i>Philadelphus microphyllus</i> var. <i>microphyllus</i>	Not common	Late summer	Shrub
<i>Phleum alpinum</i>	See Osborne (1966) (5.3.5); Miera 1976 (5.2.18)	Early summer	Perennial forb
<i>Phleum pratense</i>	Locally common	Early summer	Perennial grass
<i>Phlox longifolia</i>	See Pilz et al. (1979) (5.2.19)	Spring to early summer	Perennial forb
<i>Phoradendron juniperum</i>	Common	Midsummer to fall	Parasite
<i>Phragmites communis</i>	Occasional		
<i>Physalis foetens</i> var. <i>neomexicana</i>	Locally common	Midsummer	Annual forb
<i>Physalis hederifolia</i> var. <i>cordifolia</i>	Not common	Spring to fall	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Physalis pubescens</i>	See Robertson (1968) (5.3.6)	Late summer to fall	Annual forb
<i>Physocarpus mongynus</i>	Locally common	Early to midsummer	Shrub
<i>Picea engelmannii</i>	In pure stands at high elevations	Early spring	Tree
<i>Picea pungens</i>	Scattered	Early spring	Tree
<i>Pinus edulis</i>	Dominant species at intermediate elevations	Late spring	Tree
<i>Pinus flexilis</i>	Not common, scattered	Spring	Tree
<i>Pinus ponderosa</i> var. <i>scopulorum</i>	In pure stands between 7000-8000 ft	Spring	Tree
<i>Plantago argyrea</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Annual forb
<i>Plantago major</i>	Not common	Mid- to late summer	Annual or biennial forb
<i>Plantago purshii</i>	Common	Early to midsummer	Annual herb
<i>Poa annua</i>	Not common	Early summer	Annual grass
<i>Poa bigelovii</i>	See Robertson (1968) (5.3.6); Pilz et al. (1979) (5.2.19)	Spring	Annual grass
<i>Poa compressa</i>	Pilz et al. (1979) (5.2.19)	Early summer	Perennial grass
<i>Poa fendleriana</i>	Common	Spring to early summer	Perennial grass
<i>Poa interior</i>	Common	Early to late summer	Perennial forb
<i>Poa longiligula</i>	See Osborne (1966) (5.3.5)	Spring to midsummer	Perennial grass
<i>Poa nevadensis</i>	See Miera 1976 (5.2.18)	Mid- to late summer	Perennial grass
<i>Poa palustris</i>	See Robertson (1968) (5.3.6)	Spring to late summer	Perennial grass
<i>Poa pattersonii</i>	See Miera 1976 (5.2.18)	Mid- to late summer	Perennial
<i>Poa pratensis</i>	Locally common	Early summer to fall	Perennial grass
<i>Polanisia trachysperma</i>	Not common	Midsummer to fall	Annual forb

Occurrence

<i>Polemonium foliosissimum</i> var. <i>foliosissimum</i>	Not common	Early summer to fall	Perennial forb
<i>Polygonum amphibium</i> var. <i>stipulaceum</i>	Not common	Late summer to fall	Perennial forb
<i>Polygonum aviculare</i>	Locally common	Mid- to late summer	Annual forb
<i>Polygonum bistortoides</i>	Locally abundant		
<i>Polygonum convolvulus</i>	Not common	Spring to late summer	Annual forb
<i>Polygonum douglasii</i>	See Pilz et al. (1979) (5.2.19)	Early summer to fall	Annual forb
<i>Polygonum montanum</i>	Occasional		
<i>Polygonum persicaria</i>	Locally common	Mid- to late summer	Annual forb
<i>Polygonum ramosissimum</i>	Locally common	Mid- to late summer	Annual forb
<i>Polygonum sawatchense</i>	See Pilz et al. (1979) (5.2.19)	Early to late summer	Annual forb
<i>Polypogon monspeliensis</i>	Not common	Spring to fall	Annual grass
<i>Populus angustifolia</i>	Locally common	Spring	Tree
<i>Populus fremontii</i> var. <i>wislizenii</i>	Common	Spring	Tree
<i>Populus tremuloides</i> var. <i>aurea</i>	Common to locally abundant	Spring	Tree
<i>Portulaca oleracea</i>	Locally common	Midsummer to fall	Annual forb
<i>Potentilla anserina</i>	Locally common	Mid- to late summer	Perennial forb
<i>Potentilla arguta</i> subsp. <i>convallaria</i>	See Robertson (1968) (5.3.6)	Early to midsummer	Perennial forb
<i>Potentilla concinna</i>	See Osborne (1966) (5.3.5)	Spring to early summer	Perennial forb
<i>Potentilla crinita</i>	See Miera 1976 (5.2.18)	Spring to fall	Perennial forb
<i>Potentilla fruticosa</i>	Locally common	Early summer to fall	Shrub
<i>Potentilla hippiana</i>	Not common	Mid- to late summer	Perennial forb
<i>Potentilla norvegica</i>	Locally common	Mid- to late summer	Annual or Perennial forb
<i>Potentilla pennsylvanica</i>	See Housley (1974) (5.3.3); Pilz et al. (1979) (5.2.19)	Early to late summer	Perennial forb
<i>Potentilla pulcherrima</i>	Common	Early summer to fall	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Potentilla thurberi</i> var. <i>thurberi</i>	See Robertson (1968) (5.3.6)	Midsummer to fall	Perennial forb
<i>Primula rusbyi</i>	See Osborne (1966) (5.3.5)	Early to late summer	Perennial forb
<i>Prunella vulgaris</i>	Locally common	Mid- to late summer	Perennial forb
<i>Prunus americana</i>	Not common	Spring	Shrub or tree
<i>Prunus emarginata</i> var. <i>emarginata</i>	See Miera 1976 (5.2.18)	Spring	Shrub
<i>Prunus virginiana</i> var. <i>melanocarpa</i>	Locally common	Spring to early summer	Shrub or small trees
<i>Pseudocymopterus montanus</i>	Ubiquitous	Early to late summer	Perennial forb
<i>Pseudotsuga menziesii</i> var. <i>glauca</i>	Locally common	Spring	Tree
<i>Psilotrophe tagetina</i>	Not common	Spring to fall	Perennial forb
<i>Psoralea hypogaea</i>	See Herbarium, Bandelier National Monument	Spring to midsummer	Perennial forb
<i>Psoralea lanceolata</i>	See Pilz et al. (1979) (5.2.19); Housley (1974) (5.3.3)	Spring to fall	Perennial forb
<i>Psoralea tenuiflora</i>	See Pilz et al. (1979) (5.2.19); Housley (1974) (5.3.3)	Spring to fall	Perennial forb
<i>Ptelea trifoliata</i> susp. <i>angustifolia</i>	Not common	Spring	Shrub or small trees

Occurrence

<i>Pteridium aquilinum</i> var. <i>pubescens</i>	Common	Not applicable	Perennial forb
<i>Pterospora andromedea</i>	Not common	Spring	Perennial forb
<i>Pulsatilla ludoviciana</i>	Not common or locally common	Spring	Perennial forb
<i>Purshia tridentata</i>	Rare	Early summer	Shrub
<i>Pyrola asarifolia</i>	Occasional		
<i>Pyrola chlorantha</i>	Locally common	Mid- to late summer	Perennial forb
<i>Pyrola elliptica</i>	See Robertson (1968) (5.3.6)	Midsummer to fall	Perennial forb
<i>Pyrola minor</i>	Locally common	Mid- to late summer	Perennial forb
<i>Pyrola picta</i>	Occasional		
<i>Pyrrhopappus multicaulis</i>	Occasional		
<i>Quercus gambelii</i>	Ubiquitous	Spring	Shrub to small tree
<i>Quercus grisea</i>	Common	Spring	Shrub
<i>Quercus pungens</i>	See Herbarium, Bandelier National Monument	Spring	Shrub
<i>Quercus turbinella</i>	See Miera 1976 (5.2.18); Robertson (1968) (5.3.6)	Spring	Shrub or small tree
<i>Quercus undulata</i>	Common	Spring	Shrub
<i>Ramischia secunda</i>	Locally common	Mid- to late summer	Perennial forb
<i>Ranunculus abortivus</i>	Occasional		
<i>Ranunculus aquatilis</i> var. <i>capillaceus</i>	Locally common	Spring to early summer	Perennial forb
<i>Ranunculus cardiophyllus</i>	Locally common	Mid- to late summer	Perennial forb
<i>Ranunculus cymbalaria</i> var. <i>saximontanus</i>	Not common	Spring to summer	Perennial forb
<i>Ranunculus inamoenus</i>	Locally common	Mid- to late summer	Perennial forb
<i>Ranunculus macounii</i>	Locally common	summer to fall	Perennial forb
<i>Ranunculus macranthus</i>	See Robertson (1968) (5.3.6)	Early to late summer	Perennial forb
<i>Ranunculus sceleratus</i> var. <i>multifidus</i>	Occasional		
<i>Ratibida columnifera</i>	Locally common	Mid- to late summer	Perennial forb
<i>Ratibida tagetes</i>	Locally common	Late summer	Perennial forb
<i>Rhus glabra</i>	See Robertson (1968) (5.3.6)	Early summer	Shrub
<i>Rhus radicans</i>	Common	Early spring	Shrub
<i>Rhus trilobata</i>	Common	Early spring	Shrub
<i>Ribes cereum</i>	Common	Early spring to midsummer	Shrub
<i>Ribes inebrians</i>	Locally common	Early to midsummer	Shrub
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Ribes inerme</i>	See Osborne (1966) (5.3.5); Miera 1976 (5.2.18)	Spring	Shrub
<i>Ribes leptanthum</i>	Not common	Spring	Shrub
<i>Ribes montigenum</i>	See Osborne (1966) (5.3.5); Miera 1976 (5.2.18)	Early to late summer	Shrub
<i>Ribes pinetorum</i>	See Pilz et al. (1979) (5.2.19)	Spring	Shrub
<i>Ribes wolfii</i>	Not common	Early summer	Shrub

Occurrence

<i>Robinia neomexicana</i>	Common	Spring to midsummer	Shrub
<i>Rorippa islandica</i>	See Pilz et al. (1979) (5.2.19)	Spring to midsummer	Annual to biennial forb
<i>Rorippa nasturtium-aquaticum</i>	Common	Spring to fall	Perennial forb
<i>Rorippa obtusa</i>	See Robertson (1968) (5.3.6)	Midsummer to fall	Annual forb
<i>Rorippa palustris</i> subsp. <i>glabra</i>	Locally Abundant		
<i>Rorippa palustris</i> subsp. <i>hispida</i>	Occasional		
<i>Rorippa sinuata</i>	See Pilz et al. (1979) (5.2.19)	Spring to midsummer	Perennial forb
<i>Rorippa sylvestris</i>	See Robertson (1968) (5.3.6)	Early summer to fall	Perennial forb
<i>Rorippa truncata</i>	Locally abundant		
<i>Rosa nutkana</i>	See Herbarium, Bandelier National Monument	Early summer	Shrub
<i>Rosa woodsii</i> var. <i>arizonica</i>	See Osborne (1966) (5.3.5)	Spring to midsummer	Shrub
<i>Rosa woodsii</i> var. <i>fendleri</i>	Not common to locally common	Early to late summer	Shrub
<i>Rubus parviflorus</i>	Common	Early to late summer	Shrub
<i>Rubus strigosus</i> var. <i>arizonicus</i>	Locally common	Spring to midsummer	Shrub
<i>Rudbeckia hirta</i>	Locally common	Mid- to late summer	Perennial forb
<i>Rudbeckia laciniata</i>	Locally common	Mid- to late summer	Perennial forb
<i>Rumex acetosella</i>	Locally common	Spring to late summer	Perennial forb
<i>Rumex crispus</i>	Locally common	Spring to fall	Perennial forb
<i>Rumex mexicanus</i>	Not common	Early summer to fall	Perennial forb
<i>Rumex occidentalis</i>	See Osborne (1966) (5.3.5)	Early summer to fall	Perennial forb
<i>Rumex patientia</i>	Locally Abundant		
<i>Rumex triangulivalvis</i>	Locally common	Early summer	Perennial forb
<i>Salix bebbiana</i>	Locally common	Spring	Shrub
<i>Salix caudata</i>	Locally common	Spring	Shrub
<i>Salix exigua</i>	Locally common	Spring	Shrub
<i>Salix irrorata</i>	Locally common	Spring	Shrub
<i>Salix scouleriana</i>	Not common	Spring	Shrub
<i>Salvia pratensis</i>	Occasional		
<i>Salvia reflexa</i>	Locally common	Late summer	Annual forb
<i>Salvia subincisa</i>	Occasional		
<i>Sambucus melanocarpa</i>	See Osborne (1966) (5.3.5)	Spring to midsummer	Shrub
<i>Sambucus microbotrys</i>	Locally common	Early summer	Shrub
<i>Sanvitalia abertii</i>	Locally common	Late summer	Annual forb
<i>Saponaria officinalis</i>	See Robertson, 1968; Herbarium Bandelier National Monument	Early to late summer	Perennial forb
<i>Sarcobatus vermiculatus</i>	See Pilz et al. (1979) (5.2.19)	Early to late summer	Shrub
<i>Saxifraga bronchialis</i> subsp. <i>austromontana</i>	Locally common	Early to late summer	Perennial forb
<i>Saxifraga rhomboidea</i>	Locally common	Spring to fall	Perennial forb

Occurrence

<i>Schedonnardus paniculatus</i>	See Miera 1976 (5.2.18)	Early summer	Annual grass
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Schizachne purpurascens</i>	Locally abundant		
<i>Scleropogon brevifolius</i>	Locally common	Spring to fall	Perennial grass
<i>Scripus californicus</i>	See Osborne (1966) (5.3.5)	Information not available	Perennial grass-like forb
<i>Sedum cockerellii</i>	See Osborne (1966) (5.3.5)	Early summer to fall	Perennial forb
<i>Senecio arizonicus</i>	See Robertson (1968) (5.3.6)	Spring to midsummer	Perennial forb
<i>Senecio atratus</i>	Occasional		
<i>Senecio bigelovii</i> var <i>bigelovii</i>	Locally common	Late summer to fall	Perennial forb
<i>Senecio crassulus</i>	See Miera 1976 (5.2.18)	Mid- to late summer	Perennial forb
<i>Senecio cymbalarioides</i>	Not common	Mid- to late summer	Perennial forb
<i>Senecio douglasii</i> var <i>longilobus</i>	Common	Spring to late summer	Perennial forb
<i>Senecio eremophilus</i> var. <i>macdougalii</i>	Locally common	Late summer to fall	Perennial forb
<i>Senecio eurypterus</i>	Occasional		
<i>Senecio fendleri</i>	Ubiquitous	Spring to early summer	Perennial forb
<i>Senecio multicapitatus</i>	Locally common	Late summer to fall	Perennial forb
<i>Senecio multilobatus</i>	Not common	Mid- to late summer	Perennial forb
<i>Senecio neomexicanus</i>	See Robertson (1968) (5.3.6)	Spring and fall	Perennial forb
<i>Senecio pauperculus</i>	Occasional		
<i>Senecio pseudoaureus</i>	See Herbarium, Bandelier National Monument	Early summer to fall	Perennial forb
<i>Senecio spartioides</i>	See Housley (1974) (5.3.3)	Early summer to fall	Perennial forb
<i>Senecio triangularis</i>	See Pilz et al. (1979) (5.2.19)	Midsummer to fall	Perennial forb
<i>Senecio werneriaefolius</i>	See Housley (1974) (5.3.3)	Spring to fall	Perennial forb
<i>Senecio wootonii</i>	Locally common	Spring to fall	Perennial forb
<i>Setaria geniculata</i>	See Miera 1976 (5.2.18)	Spring to fall	Perennial grass
<i>Setaria lutescens</i>	Not common	Early summer to fall	Annual grass
<i>Setaria macrostachya</i>	Occasional		
<i>Setaria viridis</i>	Not common	Early to late summer	Annual grass
<i>Sidalcea candida</i>	Not common	Late summer	Perennial forb
<i>Silene antirrhina</i>	See Herbarium, Bandelier National Monument	Early to late summer	Annual or biennial forb
<i>Silene noctiflora</i>	See Herbarium, Bandelier National Monument	Early to late summer	Annual forb
<i>Silene scouleri</i>	Not common	Late summer	Perennial forb
<i>Sisymbrium altissimum</i>	Not common	Spring to fall	Annual forb
<i>Sisymbrium iroio</i>	Occasional		
<i>Sisymbrium linifolium</i>	See Pilz et al. (1979) (5.2.19)	Spring to midsummer	Perennial forb
<i>Sisyrinchium demissum</i>	Not common	summer to fall	Perennial forb
<i>Sisyrinchium montanum</i>	Not common	Midsummer	Perennial forb

Occurrence

<i>Sitanion hystrix</i>	Ubiquitous	Spring to early summer	Perennial grass
<i>Smilacina racemosa</i>	Locally common	Spring to early summer	Perennial forb
<i>Smilacina stellata</i>	Locally common	Spring to early summer	Perennial forb
<i>Solanum americanum</i>	See Robertson (1968) (5.3.6)	Spring to fall	Annual forb
<i>Solanum douglasii</i>	See Robertson (1968) (5.3.6)	Spring to fall	Perennial forb
<i>Solanum elaeagnifolium</i>	Not common	Late summer	Perennial forb
<i>Solanum jamesii</i>	See Housley (1974) (5.3.3)	Midsummer to fall	Perennial forb
<i>Solanum nigrum</i>	See Herbarium, Bandelier National Monument	Spring to fall	Annual forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Solanum rostratum</i>	Not common	Late summer	Annual forb
<i>Solanum sarachoides</i>	See Pilz et al. (1979) (5.2.19)	Midsummer to fall	Annual forb
<i>Solanum triflorum</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Annual forb
<i>Solidago altissima</i>	Locally abundant		
<i>Solidago canadensis</i> var. <i>canadensis</i>	Locally common	Midsummer to fall	Perennial forb
<i>Solidago canadensis</i> var. <i>gilvocanescens</i>	Locally abundant		
<i>Solidago mollis</i>	Occasional		
<i>Solidago multiradiata</i>	Locally common	Late summer	Perennial forb
<i>Solidago occidentalis</i>	Not common	Late summer	Perennial forb
<i>Solidago pallida</i>	Occasional		
<i>Solidago petradoria</i>	See Robertson (1968) (5.3.6)	summer to fall	Perennial forb
<i>Solidago sparsiflora</i>	Not common	Late summer to fall	Perennial forb
<i>Solidago spathulata</i> var. <i>neomexicana</i>	Locally common	Late summer to fall	Perennial forb
<i>Solidago wrightii</i> var. <i>wrightii</i>	See Robertson (1968) (5.3.6)	Fall	Perennial forb
<i>Sonchus asper</i>	Not common	Midsummer	Annual forb
<i>Sonchus oleraceus</i>	Not common	Midsummer to fall	Annual forb
<i>Sophora nuttalliana</i>	Locally common	Spring to early summer	Perennial forb
<i>Sorghastrum nutans</i>	Not common	Late summer to fall	Perennial grass
<i>Spergularia marina</i>	Occasional		
<i>Sphaeralcea angustifolia</i> var. <i>cuspidata</i>	See Herbarium, Bandelier National Monument	Spring to fall	Perennial forb
<i>Sphaeralcea coccinea</i> var. <i>elata</i>	Not common	Early to late summer	Perennial forb
<i>Sphaeralcea fendleri</i> var. <i>fendleri</i>	See Housley (1974) (5.3.3); Herbarium, Bandelier National Monument	Spring to fall	Perennial forb
<i>Sphaeralcea incana</i>	Not common	Late summer	Perennial forb
<i>Sphenopholis intermedia</i>	See Osborne (1966) (5.3.5)	Early to midsummer	Perennial grass
<i>Sporobolus airoides</i>	See Robertson (1968) (5.3.6)	Spring to fall	Perennial grass
<i>Sporobolus asper</i>	See Miera 1976 (5.2.18)	Late summer to fall	Perennial grass
<i>Sporobolus contractus</i>	Locally common	summer to fall	Tufted Perennial grass
<i>Sporobolus cryptandrus</i>	Common	Spring to midsummer	Perennial grass

Occurrence

<i>Sporobolus nealleyi</i>	See Barnes (1983) (5.4.1)	Late summer to fall	Perennial grass
<i>Sporobolus texanus</i>	Not common	Mid- to late summer	Perennial grass
<i>Stachys palustris</i>	See Herbarium, Bandelier National Monument	Early summer to fall	Annual forb
<i>Stanleya pinnata</i>	See Robertson (1968) (5.3.6)	Spring to fall	Perennial forb
<i>Stellaria jamesiana</i>	Locally common	Early to late summer	Perennial forb
<i>Stellaria longifolia</i>	Not common	Late summer	Perennial forb
<i>Stellaria longipes</i>	Not common	Spring to midsummer	Perennial forb
<i>Stephanomeria pauciflora</i>	Not common	Midsummer to fall	Perennial forb
<i>Stephanomeria tenuifolia</i>	Not common	Spring to fall	Perennial forb
<i>Stipa columbiana</i>	See Barnes (1983) (5.4.1)	Late summer to fall	
<i>Stipa comata</i>	Locally common	Early summer to fall	Perennial grass
<i>Stipa eminens</i>	See Herbarium, Bandelier National Monument	Mid- to late summer	Perennial grass
<i>Stipa lettermanii</i>	See Osborne (1966) (5.3.5)	Mid- to late summer	Perennial grass
<i>Stipa neomexicana</i>	See Miera 1976 (5.2.18); Herbarium, Bandelier National Monument	Early to late summer	Perennial grass
<i>Stipa robusta</i>	Not common	Mid- to late summer	Perennial grass
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Streptanthus cordatus</i>	Occasional		
<i>Streptopus amplexifolius</i>	Rare	Mid- to late summer	Perennial forb
<i>Swertia radiata</i>	Locally common	Midsummer	Perennial forb
<i>Symphoricarpos occidentalis</i>	See Robertson (1968) (5.3.6)	Late summer	Shrub
<i>Symphoricarpos oreophilus</i>	Not common	Early to late summer	Shrub
<i>Symphoricarpos rotundifolius</i>	See Robertson (1966) (5.3.6)	Early summer	Shrub
<i>Talinum parviflorum</i>	Rare	Late summer	Perennial forb
<i>Tamarix gallica</i>	Locally common	Spring	Tree
<i>Tamarix pentandra</i>	Locally common	Spring to fall	Tree
<i>Taraxacum laevigatum</i>	See Pilz et al. (1979) (5.2.19); Robertson (1968) (5.3.6)	Spring and fall	Perennial forb
<i>Taraxacum officinale</i>	Ubiquitous	Spring to late summer	Perennial forb
<i>Tetradymia canescens</i>	Not common	Late summer to fall	Shrub
<i>Tetradymia canescens</i> var. <i>inermis</i>	Occasional		
<i>Thalictrum fendleri</i> var. <i>fendleri</i>	Locally common	Spring to early summer	Perennial forb
<i>Thelesperma filifolium</i> var. <i>intermedium</i>	Locally abundant		
<i>Thelesperma megapotamicum</i>	Locally common	Late summer to fall	Perennial forb
<i>Thelesperma trifidum</i>	Locally common	Early to midsummer	Perennial forb
<i>Thelypodium integrifolium</i> var. <i>integrifolium</i>	See Miera 1976 (5.2.18)	Early summer to fall	Biennial forb
<i>Thelypodium wrightii</i>	Not common	Mid- to late summer	Biennial forb
<i>Thermopsis montanum</i>	See Miera 1976 (5.2.18)	Spring to fall	Perennial forb
<i>Thermopsis pinetorum</i>	Locally common	Early spring	Perennial forb

Occurrence

<i>Thlaspi alpestre</i>	Locally common	Spring to early summer	Perennial forb
<i>Torreyochloa pauciflora</i>	Occasional		
<i>Townsendia annua</i>	Not common	Spring to fall	Annual forb
<i>Townsendia eximia</i>	See Robertson(1968) (5.3.6)	Spring to fall	Biennial forb
<i>Townsendia formosa</i>	See Robertson (1968) (5.3.6)	Early to late summer	Perennial forb
<i>Townsendia incana</i>	Not common	Midsummer	Annual, biennial, or Perennial forb
<i>Townsendia escapa</i>	Common	Spring	Perennial forb
<i>Tragia nepetaefolia</i>	Locally abundant		
<i>Tragopogon dubius</i>	Common	summer	Perennial or biennial forb
<i>Tragopogon pratensis</i>	Locally common	Early summer to fall	Perennial forb
<i>Trautvetteria grandis</i>	Rare	Early to late summer	Perennial forb
<i>Tribulus terrestris</i>	Locally common	Spring to summer	Annual forb
<i>Tridens pulchellus</i>	See Miera 1976 (5.2.18)	Spring to midsummer	Perennial grass
<i>Trifolium dasyphyllum</i>	See Pilz et al. (1979) (5.2.19)	Midsummer to fall	Perennial forb
<i>Trifolium hybridum</i>	Not common	Midsummer to fall	Perennial forb
<i>Trifolium lacerum</i>	See Osborne (1966) (5.3.5)	Spring to late summer	Annual forb
<i>Trifolium pratense</i>	Common	Mid- to late summer	Perennial forb
<i>Trifolium procumbens</i>	Not common	Spring to fall	Annual forb
<i>Trifolium repens</i>	Common	Mid- to late summer	Perennial forb
<i>Triodanis perfoliata</i>	Not common	Midsummer	Annual forb
<i>Trisetum montanum</i>	See Osborne (1966) (5.3.5)	Early to late summer	Perennial grass
<i>Trisetum spicatum</i>	See Miera 1976 (5.2.18)	Mid- to late summer	Perennial grass
<i>Typha latifolia</i>	Locally common	Spring	Perennial forb
Species identification	Occurrence (5.0.2, 5.1.14)	Blooms (5.0.2, 5.1.14)	Habit (5.0.1, 5.1.14)
<i>Urtica dioica-procera</i>	See Pilz et al. (1979) (5.2.19)	Midsummer to fall	Perennial forb
<i>Urtica gracilentia</i>	Locally common	Midsummer to fall	Perennial forb
<i>Urtica gracilis</i>	See Osborne (1966) (5.3.5)	Midsummer to fall	Perennial forb
<i>Vaccinium myrtillos</i>	Locally common	Early to midsummer	Shrub
<i>Valeriana arizonica</i>	Locally common	Spring	Perennial forb
<i>Valeriana capitata</i> subsp. <i>acutiloba</i>	See Miera 1976 (5.2.18)	Spring to midsummer	Perennial forb
<i>Veratrum californicum</i>	Locally common	Mid- to late summer	Perennial forb
<i>Verbascum thapsus</i>	Common	Early to late summer	Biennial forb
<i>Verbena bipinnatifida</i>	Not common	Spring to fall	Annual or biennial forb
<i>Verbena bracteata</i>	Locally common	Late summer	Annual forb
<i>Verbena imbricata</i>	See Pilz et al. (1979) (5.2.19)	Spring to fall	Annual or biennial forb
<i>Verbena macdougallii</i>	See Housley (1974) (5.3.3)	Early summer to fall	Annual forb
<i>Verbena wrightii</i>	Common	Spring to early summer	Perennial forb
<i>Verbesina encelioides</i> ssp. <i>encelioides</i>	Locally common	Late summer	Annual forb

Occurrence

<i>Veronica americana</i>	Locally common	Mid- to late summer	Perennial forb
<i>Veronica arvensis</i>	See Robertson (1968) (5.3.6)	Spring to late summer	Annual forb
<i>Veronica peregrina</i> var. <i>xalapensis</i>	Not common	Mid- to late summer	Annual forb
<i>Veronica serpyllifolia</i>	Locally common	Mid- to late summer	Perennial forb
<i>Veronica wormskjoldii</i>	See Osborne (1966) (5.3.5)	Midsummer to fall	Perennial forb
<i>Viburnum lentago</i>	See Miera 1976 (5.2.18)	Early to late summer	Shrub
<i>Vicia americana</i> var. <i>americana</i>	Ubiquitous	Midsummer to fall	Perennial forb
<i>Vicia americana</i> var. <i>linearis</i>	See Osborne (1966) (5.3.5)	Spring to fall	Perennial forb
<i>Vicia americana</i> var. <i>minor</i>	Not common	Spring to midsummer	Perennial forb
<i>Vicia exigua</i>	Locally Abundant		
<i>Vicia leucophaea</i>	See Herbarium, Bandelier National Monument	Midsummer to fall	Annual forb
<i>Viguiera cordifolia</i>	See Robertson (1968) (5.3.6)	Early summer to fall	Perennial forb
<i>Viguiera multiflora</i>	Ubiquitous	Mid- to late summer	Perennial forb
<i>Viola adunca</i>	Locally common	Spring	Perennial forb
<i>Viola canadensis</i>	Locally common	Spring and early summer	Perennial forb
<i>Viola nephrophylla</i>	Locally common	Spring	Perennial forb
<i>Viola pedatifida</i>	Rare	Early summer	Perennial forb
<i>Vitis arizonica</i> var. <i>arizonica</i>	Locally common	Spring to midsummer	Vine
<i>Vitis vulpina</i>	See Miera 1976 (5.2.18)	Spring to early summer	Vine
<i>Woodsia mexicana</i>	Occasional		
<i>Woodsia oregana</i>	See Robertson (1968) (5.3.6); Osborne (1966) (5.3.5); Pilz et al. (1979) (5.2.19)	Not applicable	Perennial forb
<i>Xanthium strumarium</i> var. <i>canadense</i>	Locally common	Early summer	Annual forb
<i>Yucca angustissima</i>	Common	Spring to early summer	Perennial forb
<i>Yucca baccata</i>	Not common	Spring to early summer	Perennial forb
<i>Yucca glauca</i>	See Robertson (1968) (5.3.6); Miera 1976 (5.2.18)	Spring to early summer	Perennial forb
<i>Zinnia grandiflora</i>	Occasional		
<i>Zygadenus elegans</i>	Locally common	Late summer	Perennial forb

Habitat

Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Abies concolor</i>	Canyon sides, mountain slopes; often with spruce, mixed conifer forests	7500	9000
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>	Mountain slopes; mixed conifer forests	8500	10000
<i>Acer glabrum</i> var. <i>neomexicanum</i>	Meadows, canyons; mixed-conifer forests & moist-wet	6500	8000
<i>Acer negundo</i> var. <i>interius</i>	Along streams and other moist areas	5400	7000
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>	Canyons, mountain slopes, meadows; pinyon-juniper, ponderosa pine, mixed conif	7000	10000
<i>Aconitum columbianum</i>	Moist canyons, stream banks	8000	8500
<i>Actaea arguta</i> var. <i>viridiflora</i>	Canyon bottoms, mountain slopes; mixed conifer forests	7500	10000
<i>Aegilops cylindrica</i>	Disturbed canyon bottoms	6000	6000
<i>Agastache pallidiflora</i>	Slopes and mesas; ponderosa pine and mixed conifer forests	7000	9500
<i>Agoseris arizonica</i>	Meadows	7000	10000
<i>Agoseris aurantiaca</i>	Meadows; subalpine meadows, spruce-fir forest & Dry-moist	9000	10000
<i>Agoseris glauca</i> var. <i>glauca</i>	Meadows; mixed conifer forests & Dry-moist	7500	8000
<i>Agoseris glauca</i> var. <i>parviflora</i>			
<i>Agrimonia grypsosepala</i>	Canyons	6500	8000
<i>Agrimonia striata</i>	Along streams, moist canyon bottoms	7500	8000
<i>Agropyron dasystachyum</i>	Mesas	6900	7150
<i>Agropyron desertorum</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	5400	8000
<i>Agropyron latiglume</i>	Meadows and open slopes	9000	9500
<i>Agropyron pseudorepens</i>	Mountains	6000	7500
<i>Agropyron repens</i>	Canyon bottoms	5700	5700
<i>Agropyron smithii</i>	Disturbed soil; pinyon-juniper woodland, ponderosa pine forest	6500	7500
<i>Agropyron subsecundum</i>	Mountains and meadows	8000	10000
<i>Agropyron trachycaulum</i>	Transplant La Mesa fire, roadsides; pinyon-juniper woodland, mixed conif. forests	7000	9000
<i>Agrostis alba</i>	Canyon bottoms, meadows, mountain slopes; pinyon juniper woodland, ponderosa	6500	8500
<i>Agrostis exarata</i>	Canyon bottoms	5700	5700
<i>Agrostis idahoensis</i>	Meadows	7000	10000
<i>Agrostis perennans</i>	Canyon bottom meadows	8700	8700
<i>Agrostis scabra</i>	Canyon bottoms; mixed conifer forests	8000	8500
<i>Agrostis semiverticillata</i>	Moist canyon bottoms	6000	6300
<i>Agrostis stolonifera</i>	Moist canyon bottoms and mountain slopes	5300	9000
<i>Ailanthus altissima</i>	Disturbed soil, around abandoned buildings	5400	7000
<i>Allium cernuum</i> var. <i>obtusum</i>	Canyons, mesas, meadows, mountain slopes; pinyon-juniper wood., pine, mix con., subalpine	7000	10000
<i>Allium geyeri</i>	Meadows and slopes	6500	12000
<i>Allium macropetalum</i>	Dry mesas	6250	6250
<i>Allium textile</i>	Mesa tops; juniper grassland	6000	6500
<i>Alnus oblongifolia</i>	Along streams; pinyon-juniper woodland, ponderosa pine forest	6000	7500

Habitat

<i>Alnus tenuifolia</i>	Along streams in canyons; pinyon-juniper woodland, ponderosa pine forest	6000	7500
<i>Alopecurus aequalis</i>	Boggy mountain meadows, pondedge	8950	9000
<i>Althaea rosea</i>	Canyon bottoms and roadside on mountain slopes	8900	8900
<i>Amaranthus albus</i>	Disturbed canyon slopes, periodically flooded by lake waters	5450	5450
<i>Amaranthus graecizans</i>	Disturbed soil	5400	8000
<i>Amaranthus hybridus</i>	Disturbed soil	5400	8000
<i>Amaranthus leucocarpus</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5300	5300
<i>Amaranthus palmeri</i>	Disturbed soil; riverbanks	5400	6000
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Amaranthus powellii</i>	Disturbed areas of canyons and mesas	5450	6500
<i>Amaranthus retroflexus</i>	Disturbed soil; moist ground	5400	8000
<i>Amaranthus torreyi</i>	Dry sandy soil	5400	7000
<i>Ambrosia artemisiifolia</i>	Moist canyon bottoms; pinyon-juniper woodland & Dry-moist	6000	6500
<i>Ambrosia psilostachya</i>	Disturbed soil & Dry-moist-wet	5400	7500
<i>Amelanchier bakeri</i>	Moist canyon bottoms	6600	8000
<i>Amelanchier oreophila</i>	Canyon sides and bottoms; mixed conifer forest	7500	8000
<i>Amelanchier polycarpa</i>	Mixed conifer forest	7000	9000
<i>Amelanchier utahensis</i>	Rocky slopes, canyon bottoms	6000	7500
<i>Amorpha canescens</i>	Dry mesas	5400	6000
<i>Amorpha fruticosa</i> var. <i>angustifolia</i>	Banks of the Rio Grande	5400	6000
<i>Amorpha nana</i>	Mesas and slopes	5400	6500
<i>Anagallis arvensis</i>	Disturbed soil	5400	7000
<i>Anaphalis margaritacea</i>	Canyons; ponderosa pine and mixed conifer forests & Dry-moist	7000	8000
<i>Andropogon barbinodis</i>	Canyons and mesas	5400	8500
<i>Andropogon gerardii</i>	Mesas	5400	7500
<i>Andropogon hallii</i>	Canyon rims and adjacent mesas	5400	6500
<i>Andropogon saccharoides</i>	pinyon-juniper woodland	5400	7500
<i>Andropogon scoparius</i>	Canyons, mesas; juniper grassland, pinyon-juniper woodland, ponderosa pine for	5400	8000
<i>Andropogon springfieldii</i>	Dry mesas and canyons	5400	6000
<i>Andropogon wrightii</i>	Dry mesas and canyons	4500	7000
<i>Androsace septentrionalis</i> var. <i>subulifera</i>	Canyon bottoms, meadows, mountain slopes;pine, mixed conifer, subalpine mead.	7000	10000
<i>Anemone cylindrica</i>	Moist meadows, along streams	6500	8000
<i>Angelica pinnata</i>	Wet meadows and along streams	6500	9000
<i>Anoda cristata</i> var. <i>digitata</i>	Moist ground, often near streams	5400	6500
<i>Antennaria marginata</i>	Open woods	7000	9000
<i>Antennaria parvifolia</i>	Canyons,mountain slopes;pinyon-juniper woodland,ponderosa pine & mixed conif	6500	8500
<i>Antennaria rosea</i>	Mesas	6500	6500

Habitat

<i>Antennaria rosulata</i>	Meadows & Dry	6000	9000
<i>Aphanostephus arizonicus</i>	Dry canyon bottoms	5400	5400
<i>Apocynum androsaemifolium</i> var <i>androsaemifolium</i>	Disturbed soil, roadsides; ponderosa pine forest	7000	9000
<i>Apocynum cannabinum</i> var. <i>glaberrimum</i>	Disturbed soil; pinyon-juniper woodland	6000	6500
<i>Apocynum medium</i> var. <i>A949floribundum</i>	Dry canyon bottoms and slopes	7250	7250
<i>Aquilegia caerulea</i>	Meadows; subalpine meadows	9500	10000
<i>Aquilegia chrysantha</i>	Moist slopes and canyons	6000	7000
<i>Aquilegia elegantula</i>	Canyon bottoms, moist slopes	7000	10000
<i>Aquilegia triternata</i>	Moist canyon bottoms	7500	9500
<i>Arabis divaricarpa</i>	Moist canyon bottoms	5500	6400
<i>Arabis drummondii</i>	Meadows, open woods	7000	9000
<i>Arabis fendleri</i> var. <i>fendleri</i>	Rocky slopes; pinyon-juniper woodland, ponderosa pine & mixed conifer forests	5400	8000
<i>Arabis glabra</i>	Mesas and mountains	5400	9000
<i>Arabis hirsuta</i> var. <i>pyncocarpa</i>	Rocky slopes in mountains	6000	9000
<i>Arabis holboellii</i> var. <i>retrofracta</i> .	Dry canyon bottoms; pinyon-juniper woodland	5400	6000
<i>Arabis perennans</i>	Dry slopes	5400	8500
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Aralia racemosa</i>	Canyons, mountain slopes	7000	9000
<i>Arceuthobium divaricatum</i>	Parasitic on pinyon pines	5400	7000
<i>Arceuthobium douglasii</i>	Parasitic on Douglas Fir	7000	9000
<i>Arceuthobium vaginatum</i> subsp. <i>cryptopodium</i>	Parasitic on ponderosa pine	7000	9000
<i>Arctostaphylos pungens</i>	Abundant on rocky slopes	5400	8000
<i>Arctostaphylos uva-ursi</i>	Mountain slopes, under ponderosa pines	7500	10000
<i>Arenaria confusa</i>	Mountain meadows	7850	8900
<i>Arenaria fendleri</i> var. <i>brevifolia</i>	Meadows, slopes	7500	10000
<i>Arenaria fendleri</i> var. <i>fendleri</i>	Meadows, mixed conifer forests and subalpine meadows	8500	10000
<i>Arenaria macrophylla</i>	Slopes, canyons; ponderosa pine and mixed conifer forests & Dry-moist	7000	8500
<i>Aristida adscensionis</i>	Canyon bottoms and sides, dry mesas; juniper grassland, pinyon-juniper	5400	7500
<i>Aristida arizonica</i>	Mesas and canyons	5400	8000
<i>Aristida barbata</i>	Disturbed soils, old fields, mesas	5400	7500
<i>Aristida divaricata</i>	Dry disturbed soil, pinyon-juniper woodland	6000	6500
<i>Aristida fendleriana</i>	Dry mesas	5400	7000
<i>Aristida longiseta</i>	Dry canyon bottoms, disturbed soil; juniper grassland	5400	6000
<i>Aristida purpurea</i>	Dry canyons and mesas	5400	5400
<i>Artemisia bigelovii</i>	Dry canyons; juniper grassland	5400	8000
<i>Artemisia campestris</i> subsp. <i>pacifica</i>	Mountain slopes & Dry	6000	8000

Habitat

<i>Artemisia cana</i>	Mesas & Dry-moist	5400	9000
<i>Artemisia carruthii</i>	Mesa, canyons, disturbed soil; juniper grassland, pinyon-juniper woodland	5400	7000
<i>Artemisia dracunculus</i>	Disturbed soil, open areas; juniper grassland, pinyon-juniper woodland	5400	8000
<i>Artemisia filifolia</i>	Canyon bottoms and sides; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Artemisia franserioides</i>	Mountain slopes; mixed conifer forests	8500	9000
<i>Artemisia frigida</i>	Mesas, canyon sides; pinyon-juniper woodland, ponderosa pine forest	5400	7000
<i>Artemisia ludoviciana</i> subsp. <i>albula</i>	Dry canyon bottoms and slopes	5600	7200
<i>Artemisia ludoviciana</i> subsp. <i>ludoviciana</i>	Mountain slopes, disturbed soils	6500	9000
<i>Artemisia ludoviciana</i> subsp. <i>mexicana</i>	Dry canyon bottoms and slopes	5850	6000
<i>Artemisia ludoviciana</i> subsp. <i>redolens</i>	Mountainsides	9000	9500
<i>Artemisia ludoviciana</i> subsp. <i>sulcata</i>	Dry canyon slopes	5800	5800
<i>Artemisia tridentata</i>	Mesas, canyons, disturbed soils; pinyon-juniper woodland	5400	7000
<i>Asclepias asperula</i> subsp. <i>asperula</i>	Mesas and dry canyons; pinyon-juniper woodlands	5400	6500
<i>Asclepias engelmanniana</i>	Disturbed canyon bottoms and slopes	5460	6000
<i>Asclepias involucrata</i>	Dry mesas, dry canyons; pinyon-juniper woodland, ponderosa pine forest	5400	7000
<i>Asclepias macrotis</i>	Rocky canyons	5400	6000
<i>Asclepias speciosa</i>	Disturbed soil	6500	7500
<i>Asclepias subverticillata</i>	Disturbed soil, roadsides, pinyon-juniper woodland	5400	7500
<i>Asclepias tuberosa</i> subsp. <i>terminalis</i>	Canyons; ponderosa pine forest	6500	7500
<i>Asclepias viridiflora</i>	Dry canyon slopes and mesas	5900	7300
<i>Asparagus officinalis</i>	Valleys or roadsides; often loose sandy soil	5400	6000
<i>Asplenium trichomanes</i>	Rocky places, especially niches in canyon walls and cliffs	6500	9000
<i>Aster ericoides</i>	Canyon bottoms; juniper grassland, pinyon-juniper woodland	5400	7500
<i>Aster fendleri</i>	Mesas	5400	7000
<i>Aster foliaceus</i>	Open, grassy mesas	7250	7560
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Aster glaucodes</i> var. <i>glaucodes</i>	Mesas, slopes	6500	9000
<i>Aster hesperius</i>	Moist canyons; mixed conifer forests	7500	8000
<i>Aster laevis</i>	Moist canyons; mixed conifer forests	7000	8000
<i>Aster novae-angliae</i>	Disturbed soils; roadsides	5400	9000
<i>Aster occidentalis</i>	Moist meadows	8500	10000
<i>Aster pauciflorus</i>	Disturbed soil; pinyon-juniper woodland, ponderosa pine forest	6500	7000
<i>Aster praealtus</i>	Dry canyons	5400	5400
<i>Astragalus agrestis</i>	Moist meadows, near streams	5400	10000
<i>Astragalus amphioxys</i>	Dry mesas	5400	6000
<i>Astragalus bisulcatus</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5300	5300
<i>Astragalus crassicaarpus</i>	Along roadsides	5400	6000

Habitat

<i>Astragalus emoryanus</i>	Canyons, disturbed soil	5400	7000
<i>Astragalus flexuosus</i>	Canyon bottoms and slopes and mesas	5800	6600
<i>Astragalus gracilis</i>	Sandy soil and mesas	5400	7000
<i>Astragalus humistratus</i>	Mesas and slopes	5400	8500
<i>Astragalus kentrophyta</i> var. <i>neomexicana</i>	Disturbed soil; pinyon-juniper woodland	7000	7500
<i>Astragalus lentiginosus</i>	Open forest; mixed conifer forests and subalpine meadows	9000	9500
<i>Astragalus lonchocarpus</i>	Mesas, roadsides	6500	6500
<i>Astragalus missouriensis</i> var. <i>missouriensis</i>	Dry canyon sides, mesas tops; pinyon-juniper woodland	5400	6500
<i>Astragalus mollissimus</i>	Mountain slopes, canyons; mixed conifer forests	8500	9000
<i>Astragalus praelongus</i>	Dry canyon sides, juniper grassland	5400	6000
<i>Astragalus shortianus</i>	Mesas, rocky slopes	5000	9000
<i>Athyrium filix-femina</i> var. <i>californicum</i>	Cool shaded canyons or along streams	7000	10000
<i>Atriplex canescens</i>	Disturbed soil, canyon sides; pinyon-juniper woodland	5400	6500
<i>Atriplex patula</i>	Alkaline soil	5400	6500
<i>Bahia biternata</i>	Mesas	5400	6500
<i>Bahia dissecta</i>	Disturbed soil; pinyon-juniper woodland	5400	7000
<i>Bahia neomexicana</i>	Sandy soil	5400	7500
<i>Bahia oblongifolia</i>	Dry hills	5400	6500
<i>Baileya multiradiata</i>	Dry mesas and canyons; roadsides	5400	6000
<i>Bassia hyssopifolia</i>	Disturbed soil	5400	7000
<i>Beckmannia syzigachne</i>	Roadsides, moist canyon bottoms; pinyon-juniper woodland	6000	6500
<i>Berberis fendleri</i>	Canyons and slopes; ponderosa pine and mixed conifer forests	6500	8500
<i>Berberis repens</i>	Canyon and mountain slopes; ponderosa pine and mixed conifer forests	7500	8000
<i>Berlandiera lyrata</i>	Dry canyons; juniper grassland	5400	6000
<i>Berula erecta</i>	Near streams	5400	9000
<i>Besseyia plantaginea</i>	Meadows; subalpine meadows	9500	10000
<i>Betula occidentalis</i>	Along streams; ponderosa pine and mixed conifer forests	6500	8000
<i>Bidens bigelovii</i>	Canyons, moist soil along streams	5400	6500
<i>Bidens bipinnata</i> var. <i>bipinnata</i>	Damp soil, distubed soil	5400	6000
<i>Bidens cernua</i>	Dry canyon bottoms; juniper grassland, pinyon-juniper woodland	5400	7500
<i>Bidens cosmosa</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5460	5460
<i>Bidens frondosa</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5300	5300
<i>Blepharoneuron tricholepis</i>	Mesas,canyon bottoms,mountain slopes,meadows;ponderosa,mix. con.,subalpine	7500	10000
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Boerhaavia coulteri</i>	Dry washes	5400	5400
<i>Botrychium multifidum</i> subsp. <i>coulteri</i>	Moist canyon bottoms	7150	7150
<i>Bouteloua aristidoides</i> .	Mesas and canyons	5400	6000

Habitat

<i>Bouteloua barbata</i>	Disturbed canyon bottoms	6000	6000
<i>Bouteloua curtipendula</i>	Canyon sides, mesa tops; juniper grassland	5400	7000
<i>Bouteloua eriopoda</i>	Dry canyons sides, mesa tops, juniper grassland	5400	6000
<i>Bouteloua gracilis</i>	Canyon bottoms & sides,mesas,mountains,juniper grass.,pinyon-juniper woodland,pine for.	5400	8500
<i>Bouteloua hirsuta</i>	Dry mesas, and canyons; juniper grassland, pinyon-juniper woodland	5400	7000
<i>Bouteloua simplex</i>	Roadsides; pinyon-juniper woodland	6000	6500
<i>Brassica juncea</i>	Moist canyon bottoms; mixed conifer forests	7500	8000
<i>Brassica nigra</i>	Roadsides and disturbed soil	5400	7000
<i>Brickellia betonicaefolia</i>	Dry hills, often in grassy, bushy areas	5400	5500
<i>Brickellia brachyphylla</i>	ponderosa pine forest	5400	7500
<i>Brickellia californica</i>	Canyon sides; juniper grassland, pinyon-juniper woodland, ponderosa pine forest	5400	8000
<i>Brickellia fendleri</i>	Canyon bottoms and slopes	6350	7150
<i>Brickellia grandiflora</i>	Canyon sides, slopes	7000	8000
<i>Bromus anomalus</i>	Dry canyon sides, mountain slopes, meadows	5400	10000
<i>Bromus catharticus</i>	Disturbed soil; ponderosa pine forest	7500	8000
<i>Bromus ciliatus</i>	Meadows, moist ground	6000	10000
<i>Bromus frondosus</i>	Canyon bottoms; pinyon-juniper woodland, ponderosa pine forest	6500	7000
<i>Bromus inermis</i>	Disturbed soil; mixed conifer forest	8500	9000
<i>Bromus japonicus</i>	Disturbed soil	5400	7500
<i>Bromus lanatipes</i>	Moist slopes	6500	8500
<i>Bromus marginatus</i>	Canyon and mountain meadows	7500	9500
<i>Bromus purgans</i>	Moist or rocky slopes	5400	10000
<i>Bromus tectorum</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland, ponderosa pine for.	5400	7500
<i>Buchloe dactyloides</i>	Plains and prairies, lawns		
<i>Calochortus gunnisonii</i>	Meadows; mixed conifer forests, subalpine meadows	9000	10000
<i>Calochortus nuttallii</i>	Mesas; juniper grassland	6000	6000
<i>Calylophus hartwegii</i>	Canyon bottoms, mesa tops; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Calypso bulbosa</i>	Canyon bottoms, mountain slopes; ponderosa pine and mixed conifer forests	7000	9000
<i>Camelina microcarpa</i>	Disturbed soil, often fields or along roadsides	5400	7500
<i>Campanula parryi</i>	Meadows, canyons; mixed conifer forests & Moist	7500	8000
<i>Campanula rotundifolia</i>	Moist ground, mountain slopes, canyons; mixed conifer and spruce-fir forests	7500	9500
<i>Capsella bursa-pastoris</i>	Disturbed soil,canyons,roadsides;juniper grassl.,pinyon-juniper, mixed conifer	5400	9500
<i>Cardamine cordifolia</i>	Wet or marshy ground, along streams	7000	10000
<i>Cardaria draba</i>	Disturbed areas of canyons and mesas	6000	7600
<i>Carduus nutans</i>	Mountain slopes, roadside	9000	9000
<i>Carex aquatilis</i>	Wet ground	6000	11000
<i>Carex bella</i>	Open meadows or along streams	9000	10000
<i>Carex bolanderi</i>	Moist canyon bottoms	6800	6800

Habitat

Carex brevior	Canyon bottoms and moist slopes	5600	7200
Carex canescens	Marshy ground	8500	11000
Carex douglasii	Wet areas of canyons, mesas and mountain meadows	7450	9000
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
Carex eleocharis	Open ground, meadows	6000	8000
Carex festivella	Open meadows, mountain slopes; mixed conifer forests	9000	9500
Carex foenea	High mountain meadows; subalpine meadows	9000	10000
Carex geophila	Mesas; pinyon-juniper woodland	6500	8500
Carex hystericina	Moist canyons, streamside and wet canyon slopes	5400	6500
Carex interior	Marshy ground; ponderosa pine and mixed conifer forests	7000	9500
Carex lanuginosa	Canyon bottoms & slopes, streamside & near springs & boggy mountain meadows	5550	9000
Carex nebraskensis	Marshy meadows	5400	9000
Carex occidentalis	Canyon bottoms, wet areas on mesas, mountain meadows	5900	9300
Carex praegracilis	Moist ground and meadows	5400	9500
Carex scoparia	Moist ground, meadows	7000	9000
Carex stipata	Marshy meadows	5400	9000
Carex xerantica	Damp ground, meadows	6000	9000
Castilleja confusa	Meadows; mixed conifer and spruce-fir forests	7000	10000
Castilleja integra	Mesas, canyon sides	5400	7000
Castilleja linariaefolia	Canyon bottoms	6500	7000
Castilleja lineata	Moist meadows	7500	9500
Castilleja miniata	Canyon bottoms, mountain slopes, meadows; ponderosa pine, mixed conifer forests	7500	10000
Castilleja minor	Moist ground	5400	7000
Castilleja rhexifolia	Moist ground	9000	11000
Ceanothus fendleri	Disturbed sites, especially by fire, roadsides; ponderosa pine forest	7000	9500
Celtis reticulata	Along the banks of the Rio Grande and lower slopes of White Rock Canyon	5400	6000
Cenchrus echinatus	Along banks of Rio Grande; juniper grassland	5400	5400
Cenchrus pauciflorus	Disturbed soil; juniper grassland, pinyon-juniper woodland	6000	6500
Centaurium calycosum	Sandy soil, Rio Grande banks; juniper grassland	5400	5400
Cerastium arvense	Moist canyon bottoms, mountain slopes and meadows	6850	9850
Cerastium brachypodium	Moist woods meadows; ponderosa pine and mixed conifer forests	7000	9000
Cerastium vulgatum	Moist canyons, streamside	5700	6100
Cerocarpus montanus var. montanus	Canyon sides, mesas; juniper grassland, pinyon-juniper woodland, pine forest	6000	8000
Cerocarpus montanus var. paucidentatus	Dry slopes	6000	8500
Chamaesaracha conioides	Dry canyon bottoms, disturbed soil	5400	6000
Chamaesaracha coronpus	Dry canyons and mesas	5400	6000
Cheilanthes feei	Canyon slopes, on cliffs and boulders	5500	5500

Habitat

<i>Cheilanthes fendleri</i>	Rocky slopes and ledges, shady slopes	5400	9000
<i>Cheilanthes tomentosa</i>	Canyon slopes, on cliffs and boulders	6600	6600
<i>Cheilanthes eatonii</i>	Rocky slopes and ledges	5400	9000
<i>Chenopodium albescens</i>	Disturbed soil	5400	7000
<i>Chenopodium album</i>	Disturbed soil	6000	8000
<i>Chenopodium berlandieri</i>	Disturbed soil	5400	8000
<i>Chenopodium capitatum</i>	Wooded slopes, moist places	7000	8000
<i>Chenopodium cycloides</i>	Moist ground	5400	6500
<i>Chenopodium desiccatum</i> var. <i>desiccatum</i>	Disturbed soil	5400	8000
<i>Chenopodium desiccatum</i> var. <i>leptophylloides</i>	Disturbed soil; ponderosa and mixed conifer forests	7500	8000
<i>Chenopodium fremontii</i>	Disturbed soil; pinyon-juniper woodland, and ponderosa pine forest	7000	8000
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Chenopodium gigantospermum</i>	Disturbed soils; spruce-fir forest	5400	8000
<i>Chenopodium glaucum</i>	Disturbed soil	5000	7000
<i>Chenopodium graveolens</i> var. <i>neomexicanum</i>	Disturbed soil	7000	8000
<i>Chenopodium incanum</i>	Dry plains, jills	5400	6500
<i>Chenopodium leptophyllum</i>	Disturbed soil; pinyon-juniper woodland and ponderosa pine forest	6000	7500
<i>Chenopodium rubrum</i>	Disturbed canyon bottoms, mountain slopes	5400	8900
<i>Chenopodium watsonii</i>	Dry mesas, canyons	5400	7000
<i>Chimaphila umbellata</i>	Mixed conifer forest	8000	11000
<i>Chloris virgata</i>	Disturbed soil, roadsides; pinyon-juniper woodland	6000	6500
<i>Chrysopsis villosa</i>	Disturbed dry rocky or sandy soils, juniper grassland, pinyon-juniper, ponderosa	5400	8000
<i>Chrysothamnus nauseosus</i> subsp. <i>bigelovii</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	5400	7000
<i>Chrysothamnus nauseosus</i> subsp. <i>latisquameus</i>	Disturbed soils, mesas, canyons; juniper grassland, pinyon-juniper woodland	5400	7000
<i>Chrysothamnus parryi</i> subsp. <i>attenuatus</i>	Canyon slopes	7150	7150
<i>Chrysothamnus parryi</i> subsp. <i>howardii</i>	Canyon slopes	6650	6650
<i>Chrysothamnus visidiflorus</i> subsp. <i>viscidiflorus</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	6000	7000
<i>Cicuta douglasii</i>	Moist places, along streams	7500	8500
<i>Circaea alpina</i>	Moist woods	6000	8000
<i>Cirsium neomexicanum</i>	Mesas	5400	6500
<i>Cirsium ochocentrum</i>	Mesas and canyons	5400	8000
<i>Cirsium pallidum</i>	Moist sites, meadows mountain slopes, ponderosa pine and mixed conifer forests	7500	9000
<i>Cirsium parryi</i>	Mountain meadows	7500	9500
<i>Cirsium pulchellum</i>	Mountain slopes, canyons	5400	9000
<i>Cirsium undulatum</i>	Disturbed soils	7000	9500
<i>Cirsium vulgare</i>	Moist canyon bottoms and roadside on moist slopes	6600	9000
<i>Clematis drummondii</i>	Slopes and canyons	5400	5400

Habitat

<i>Clematis ligusticifolia</i>	Disturbed soil, canyon bottoms; pinyon-juniper woodland, ponderosa pine	6000	6500
<i>Clematis pseudoalpina</i>	Canyon bottoms, mountain slopes; ponderosa pine and mixed conifer forests	7000	9000
<i>Cleome serrulata</i>	Riverbanks, roadsides, disturbed soil; juniper grassland, pinyon-juniper wood.	5400	7500
<i>Clinopodium vulgare</i>	Canyons and mesas	6000	7000
<i>Collomia linearis</i>	Canyon bottoms; juniper grassland, pinyon-juniper woodland	6500	7000
<i>Comandra pallida</i>	Canyons and mesas	5400	8000
<i>Commelina dianthifolia</i>	Open woods, roadsides	6500	9000
<i>Conopholis mexicana</i>	Canyon slopes and mountain slopes	6500	8000
<i>Convolvulus arvensis</i>	Roadsides; pinyon-juniper woodland	6500	7000
<i>Convolvulus sepium</i>	Fields and disturbed soil; often in saline soils	5400	8000
<i>Conyza canadensis</i>	Disturbed soils, roadsides	5400	7500
<i>Corallorhiza maculata</i>	Canyon bottoms, mountain slopes; ponderosa pine and mixed conifer forests	7500	9500
<i>Corallorhiza striata</i>	Canyon sides; mixed conifer forests	8000	9500
<i>Cordylanthus wrightii</i>	Dry canyon bottoms; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Coreopsis cardaminefolia</i>	Mesas and meadows, often low ground	5400	7000
<i>Coreopsis tinctoria</i>	Sandy soil	5400	5400
<i>Coriandrum sativum</i>	Disturbed soil	5400	6000
<i>Cornus stolonifera</i>	Along streams, moist canyon bottoms; mixed conifer forests	7500	8000
<i>Corydalis aurea</i>	Disturbed soil; juniper grassland to spruce-fir forest	5700	9500
Species identification	Habitat (5.0.2, 5.1.14)	Min Elev (5.0.2, 5.1.14)	Max Elev (5.0.2, 5.1.14)
<i>Coryphantha vivipara</i>	Mesas and rocky canyons; pinyon-juniper woodland	5400	6500
<i>Cosmos parviflorus</i>	Disturbed soils, roadsides	5400	9000
<i>Crataegus erythropoda</i>	Along streams, canyon bottoms; mixed conifer forests	7000	8000
<i>Croton texensis</i>	Disturbed soil	5400	7000
<i>Cryptantha fendleri</i>	Often sandy, disturbed soil	5400	9000
<i>Cryptantha jamesii</i>	Disturbed ground; juniper grassland, pinyon-juniper woodland, ponderosa pine	5400	7500
<i>Cryptantha minima</i>	Disturbed, sandy canyon bottoms, periodically flooded by lake waters	5460	5460
<i>Cryptogramma crispa</i> var. <i>acrostichoides</i>	Rocky slopes, cliffs, in mountains	8000	12000
<i>Cucurbita foetidissima</i>	Disturbed soil, sand dunes	5400	6500
<i>Cuscuta campestris</i>	Canyon bottoms	6000	6000
<i>Cuscuta umbellata</i>	On herbaceous hosts; pinyon-juniper woodland	5400	6500
<i>Cymopterus bulbosus</i>	Mesa tops	6000	7000
<i>Cynodon dactylon</i>	Disturbed soil, abandoned agricultural fields	5400	5500
<i>Cynosurus echinatus</i>	Moist canyon bottoms	6100	6100
<i>Cyperus aristatus</i>	Moist canyon bottoms, streamside	6600	7700
<i>Cyperus esculentus</i>	Canyon bottoms, moist ground	5400	7500
<i>Cyperus fendlerianus</i>	Canyon bottoms	6000	8500

Habitat

<i>Cyperus rivularis</i>	Moist, disturbed canyon bottoms, periodically flooded by lake waters	5360	5360
<i>Cyripedium calceolus</i> var. <i>pubescens</i>	Moist canyon bottoms	7200	7200
<i>Cystopteris fragilis</i>	Canyon bottoms, mountain slopes, pinyon-juniper woodland, pine & mixed conif.	7000	8500
<i>Dactylis glomerata</i>	Disturbed soils, open mountain slopes, meadows; mixed conif., subalpine meadows	5400	10000
<i>Dalea brachystachys</i>	Canyon bottoms; pinyon-juniper woodland	6000	6500
<i>Dalea formosa</i>	Dry canyons and slopes	5400	7000
<i>Dalea leporina</i>	Mesas, roadside	6650	7000
<i>Dalea nana</i>	Dry slopes of lower canyons	5400	5400
<i>Dalea polygonoides</i>	Open slopes	5400	5500
<i>Dalea terminalis</i>	Dry canyons	5400	5500
<i>Danthonia intermedia</i>	Mountain meadows; subalpine meadows	8500	10000
<i>Danthonia parryi</i>	Meadows	7500	9000
<i>Danthonia spicata</i>	Moist woods	8000	10000
<i>Datura meteloides</i>	Disturbed soil; near archeological ruins	5400	6000
<i>Delphinium occidentale</i>	Near forest edge; mixed conifer forests	9000	9500
<i>Delphinium virescens</i> subsp. <i>wootonii</i>	Dry canyon bottoms	5400	6500
<i>Deschampsia caespitosa</i>	Meadows, along streams	7500	11000
<i>Descurainia obtusa</i> subsp. <i>obtusa</i>	Canyons and stream banks	5500	6500
<i>Descurainia pinnata</i>	Disturbed soil; pinyon-juniper woodland	6500	7000
<i>Descurainia richardsonii</i>	Disturbed soil	6500	10000
<i>Descurainia richardsonii</i> subsp. <i>incisa</i>	Canyon bottoms and slopes and mesas	6200	7850
<i>Descurainia richardsonii</i> subsp. <i>procera</i>	Dry mountain meadows	9000	9000
<i>Descurainia sophia</i>	Disturbed soil	5400	8000
<i>Descurainia richardsonii</i> subsp. <i>viscosa</i>	Moist canyon bottoms and slopes, mountain slopes and meadows	6350	8950
<i>Distichlis spicata</i>	Saline soil	5400	5400
<i>Distichlis stricta</i>	Sandy canyon bottoms, riverside	5300	5300
<i>Dithyrea wislizenii</i>	Riverside sand dunes; juniper grassland	5400	6400
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Dodecatheon alpinum</i>	Moist meadows	6500	9500
<i>Dodecatheon pulchellum</i>	Moist meadows, along streams	7000	11000
<i>Draba aurea</i> var. <i>aurea</i>	Mountain slopes; mixed conifer forests, subalpine meadows	9000	10000
<i>Draba helleriana</i> var. <i>helleriana</i>	Open or wooded rocky slopes	7000	9000
<i>Draba rectifruca</i>	Open woods, open coniferous forests	8000	9500
<i>Draba reptans</i>	Mesas	6250	6250
<i>Draba spectabilis</i>	Meadows and woods	7000	9000
<i>Dryopteris filix-mas</i>	Damp rocky places, along streams	6000	9000
<i>Dyssodia papposa</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	6000	7000

Habitat

<i>Dyssodia thurberi</i>	Rocky mesas, canyons	5400	5400
<i>Echinocereus fendleri</i>	Sandy or gravelly soils on mesas or slopes	6000	8000
<i>Echinocereus triglochidiatus</i> var. <i>triglochidiatus</i>	Rocky, gravelly slopes; pinyon-juniper woodland	5400	7000
<i>Echinocereus triglochidiatus</i> var. <i>melanacanthus</i>	Rocky slopes and canyons	5400	6500
<i>Echinocereus viridiflorus</i> var. <i>viridiflorus</i>	Rocky slopes, mesas; pinyon-juniper woodland	5400	6500
<i>Echinochloa crusgalli</i>	Moist ground; juniper grassland	5400	6000
<i>Elaeagnus angustifolia</i>	By the Rio Grande, roadsides, canyon bottoms; juniper grassl., pinyon-juniper woodland	5400	7000
<i>Eleocharis macrostachya</i>	Moist canyon bottoms and wet canyon slopes	5500	7200
<i>Elymus canadensis</i>	Damp ground; pinyon-juniper woodland	6000	6500
<i>Elymus glaucus</i>	Open woods and meadows	5400	7500
<i>Elymus virginicus</i>	Open mountain slopes; subalpine meadows	9500	10000
<i>Ephedra torreyana</i>	Dry mesas	6100	6100
<i>Ephedra viridis</i> var. <i>viridis</i>	Rocky, sandy soil, canyon sides; juniper grassland	5400	6500
<i>Epilobium angustifolium</i>	Open meadows, disturbed slopes, roadsides; mixed conifer forests	8500	9000
<i>Epilobium ciliatum</i>	Moist areas, mixed conifer forests	5400	10000
<i>Epilobium oregonense</i>	Open forest, wet meadows	9500	10000
<i>Epilobium paniculatum</i>	Moist places, along streams	5400	8500
<i>Epipactis gigantea</i>	Springs, White Rock Canyon, along streams	5400	8500
<i>Equisetum arvense</i>	Roadsides, canyon bottoms; ponderosa pine and mixed conifer forests	7000	8000
<i>Equisetum hiemale</i>	Along streams, moist canyon bottoms mixed conifer forests	5400	8000
<i>Equisetum laevigatum</i>	Moist soil, along streams	5400	8000
<i>Eragrostis arida</i>	Disturbed soil; pinyon-juniper woodland	6500	7500
<i>Eragrostis barrelieri</i>	Disturbed soil	5400	7000
<i>Eragrostis cilianensis</i>	Disturbed canyon bottoms	5460	6000
<i>Eragrostis curvula</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5360	5360
<i>Eragrostis hypnoides</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5360	5360
<i>Eragrostis pectinacea</i>	Disturbed canyon bottoms	5400	6000
<i>Eragrostis trichodes</i>	Disturbed canyon slopes, roadsides	6300	6300
<i>Erigeron canus</i>	Dry soils on slopes; pinyon-juniper woodland, ponderosa and mixed conifer forests	5400	9000
<i>Erigeron divergens</i>	Canyons, mesas, roadsides; juniper grassland, pinyon-juniper woodland ponderosa	5400	8000
<i>Erigeron elatior</i>	Along streams, moist meadows	9500	10000
<i>Erigeron flagellaris</i>	Canyons mesas, mountain slopes; pinyon-juniper, ponderosa, mixed conifer, subalpine	5400	9500
<i>Erigeron formisissimus</i> var. <i>formisissimus</i>	Meadows, canyons	5500	10000
<i>Erigeron formosissimus viscidus</i>	Canyon bottoms and slopes	6500	7400
<i>Erigeron nudiflorus</i>	Dry slopes, mesas	5500	8000
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Erigeron peregrinus</i> subsp. <i>callianthemus</i>	Moist mountain meadows	9500	12000

Habitat

<i>Erigeron philadelphicus</i>	Moist canyons, mountain sides; mixed conifer forests	8500	9500
<i>Erigeron platyphyllus</i>	Wooded slopes, mesas	6500	9000
<i>Erigeron pumilus</i> subsp. <i>concinoides</i>	Disturbed soil; pinyon-juniper woodland	9000	6500
<i>Erigeron rhizomatus</i>	Dry, sandy canyon slopes	5600	5600
<i>Erigeron simplex</i>	Meadows; subalpine meadows, spruce-fir forest	10000	11000
<i>Erigeron speciosus</i> var. <i>macranthus</i>	Moist canyons, meadows;ponderosa & mixed conifer forests,subalpine meadows	7500	9500
<i>Erigeron subtrinervis</i>	Canyons, mountain sides, meadows; ponderosa pine and mixed conifer forests	7500	10000
<i>Erigeron superbus</i>	Meadows	8000	11000
<i>Erigeron utahensis</i>	Meadows	5400	7000
<i>Erigeron vetensis</i>	Subalpine meadows	9500	10000
<i>Eriochloa gracilis</i>	Moist open ground	5400	6000
<i>Eriogonum abertianum</i>	Sandy mesas and slopes	5400	6500
<i>Eriogonum alatum</i>	Dry, often sandy, mesas and slopes	5400	7000
<i>Eriogonum annuum</i>	Dry, often sandy, mesas and slopes	5400	7000
<i>Eriogonum cernuum</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	6500	7500
<i>Eriogonum effusum</i>	Dry mesas	5400	6500
<i>Eriogonum jamesii</i>	Canyon sides, disturbed sil; juniper grassland, pinyon-juniper woodland	6500	7500
<i>Eriogonum leptocladon</i>	Sandy plains	5000	6000
<i>Eriogonum polycladon</i>	Dry mesas and canyons	5400	7000
<i>Eriogonum racemosum</i>	Mesa tops, disturbed soil; juniper grassland, pinyon-juniper woodland	6500	7000
<i>Erodium cicutarium</i>	Disturbed soil; pinyon-juniper woodland	6000	7000
<i>Erysimum asperum</i>	Mesas and slopes	5400	8000
<i>Erysimum capitatum</i>	Canyon bottoms, mesas tops, juniper grassland, pinyon-juniper woodland	5400	8000
<i>Erysimum inconspicuum</i>	Mesas and open slopes	5500	7000
<i>Eupatorium herbaceum</i>	Mountain slopes; ponderosa pine, mixed conifer, and spruce-fir forests	7000	10000
<i>Euphorbia albomarginata</i>	Mesas and slopes	5400	6500
<i>Euphorbia dentata</i>	Disturbed soil	6000	7000
<i>Euphorbia dentata</i> var. <i>cuphosperma</i>	Mesas and canyons	5400	7000
<i>Euphorbia exstipulata</i>	Dry canyons	5400	6000
<i>Euphorbia fendleri</i> var. <i>fendleri</i>	Mesas	5400	7000
<i>Euphorbia geyeri</i>	Mesas, canyons; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Euphorbia lurida</i>	Meadows	5400	7500
<i>Euphorbia missurica</i> var. <i>intermedia</i>	Mesas	5400	6000
<i>Euphorbia neomexicana</i>	Dry canyon bottoms; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Euphorbia revoluta</i>	Mesas, canyons; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Euphorbia robusta</i>	Canyon bottoms and slopes	5700	6450
<i>Euphorbia serpyllifolia</i>	Meadows	5400	7500
<i>Eurotia lanata</i>	Dry canyons juniper grassland	5400	6000
<i>Evolvulus pilosus</i>	Canyon slopes	5550	5550

Habitat

<i>Fallugia paradoxa</i>	Disturbed soil, canyon sides; juniper grassland, pinyon-juniper woodland	5000	7000
<i>Fendlera rupicola</i> var. <i>rupicola</i>	Rocky canyon sides; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Festuca arizonica</i>	Dry slopes and open woods	6500	9000
<i>Festuca elatior</i>	Disturbed soil and open meadows	5400	8000
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Festuca octoflora</i>	Rocky ground	5400	6500
<i>Festuca ovina</i>	Mesas; ponderosa pine and mixed conifer forests	7000	7500
<i>Festuca sororia</i>	Mountain slopes; mixed conifer forests	8000	8500
<i>Festuca thurberi</i>	Rocky slopes	7500	10500
<i>Forestiera neomexicana</i>	Canyon bottoms, along streams, juniper grassland, pinyon juniper woodland	5400	7000
<i>Fragaria americana</i>	Canyon bottoms, mountain slopes; ponderosa pine and mixed conifer forests	6500	9000
<i>Fragaria ovalis</i>	Shaded places	7000	9000
<i>Franseria acanthicarpa</i>	Sandy soil, disturbed soil	6500	8000
<i>Franseria confertiflora</i>	Moist ground	5500	5500
<i>Gaillardia pinnatifida</i>	Canyons and mesas	5400	7000
<i>Galium aparine</i>	Canyons, mountain slopes; mixed conifer forests	7000	9500
<i>Galium asperimum</i>	Canyons	5400	9000
<i>Galium boreale</i>	Canyons, mountain slopes; mixed conifer and spruce-fir forests	7500	10000
<i>Galium fendleri</i>	Moist ground	7000	9500
<i>Galium microphyllum</i>	Canyons	6500	9000
<i>Galium tinctorum</i> var. <i>subbiflorum</i>	Moist ground	6500	9000
<i>Gaura coccinea</i>	Canyon sides; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Gaura parviflora</i>	Disturbed soil, dry mesas and canyons	5400	7000
<i>Gentiana affinis</i>	Meadows, subalpine meadows	7000	10000
<i>Gentiana bigelovii</i>	Subalpine meadows	7500	10000
<i>Gentiana plebeia</i>	Meadows, canyon bottoms; subalpine meadows, mountain meadows	8000	10000
<i>Gentiana strictiflora</i>	Meadows, mixed conifer and spruce-fir forest	8000	10000
<i>Geranium caespitosum</i>	Canyon bottoms, mountain slopes; pinyon-juniper woodland	6000	9000
<i>Geranium fremontii</i>	Forested slopes and canyons	6000	9000
<i>Geranium fremontii</i> var. <i>parryi</i>	Rocky slopes and canyons	5400	7000
<i>Geranium richardsonii</i>	Canyon bottoms, forest openings, mountain slopes; ponderosa, mixed conifer & spruce fir	8000	10000
<i>Geum macrophyllum</i> var. <i>perincisum</i>	Meadows; subalpine meadows	7500	10000
<i>Geum rivale</i>	Meadows, mixed conifer forests	7000	9500
<i>Geum strictum</i> var. <i>strictum</i>	Mixed conifer forest	7000	9500
<i>Geum triflorum</i> var. <i>ciliatum</i>	Mountain slopes	7000	9000
<i>Gilia flavocincta</i> subsp. <i>australis</i>	Canyon bottoms and slopes	5300	6300
<i>Gilia leptomeria</i>	Dry ground	5400	7000

Habitat

<i>Gilia pinnatifida</i>	Mesas	5400	6500
<i>Glyceria borealis</i>	Marshy meadows	6500	10000
<i>Glyceria grandis</i>	Moist canyons and mountain slopes, in shallow streamwater	6000	9100
<i>Glyceria striata</i>	Canyon bottoms	7000	7500
<i>Glycyrrhiza lepidota</i>	Banks of Rio Grande, roadsides; juniper grassland, pinyon-juniper woodland	6000	6500
<i>Gnaphalium chilense</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5400	5400
<i>Gnaphalium chilense</i>	Moist ground	5400	7000
<i>Gnaphalium grayi</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5360	5360
<i>Gnaphalium macounii</i>	Dry canyon slopes and mesas	7200	7300
<i>Gnaphalium palustre</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5360	5360
<i>Gnaphalium wrightii</i>	Dry canyon slopes and mountain slopes	6100	6500
<i>Goodyera oblongifolia</i>	Mountain slopes, canyon bottoms; mixed conifer forests	8000	9500
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Goodyera repens</i>	Edges of meadows; mixed conifer forests	8000	9500
<i>Grindelia aphanactis</i>	Disturbed soil; pinyon-juniper woodland	6000	6500
<i>Grindelia fastigiata</i>	Dry mesas	5400	7000
<i>Grindelia squarrosa</i>	Mesa tops	6500	7000
<i>Gutierrezia microcephala</i>	Mesas, canyons, disturbed areas	5400	7000
<i>Gutierrezia sarothrae</i>	Dry mesas, canyons	5400	8000
<i>Habenaria hyperborea</i>	Moist canyon bottoms, streamside	6700	8000
<i>Habenaria sparsiflora</i>	Near streams	7500	8500
<i>Hackelia floribunda</i>	Moist places, canyon bottoms; juniper grassland, pinyon-juniper, ponderosa, conifer	9000	9500
<i>Hackelia grisea</i>	Canyon slopes	8100	8100
<i>Hackelia pinetorum</i>	Shady, moist ground	7000	9000
<i>Haplopappus croceus</i>	Mountain meadows	9000	9000
<i>Haplopappus gracilis</i>	Disturbed soil; pinyon-juniper woodland, ponderosa pine & mixed conifer forests	6000	7000
<i>Haplopappus nuttallii</i>	Dry mesas and rocky slopes	5400	8000
<i>Haplopappus parryi</i>	Mountain slopes; mixed conifer and spruce-fir slopes	8000	9500
<i>Haplopappus spinulosus</i> subsp. <i>spinulosus</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Hedeoma drummondii</i>	Dry canyons and mesas	5400	7500
<i>Hedeoma nana</i>	Dry canyon slopes and mesas	5400	6000
<i>Hedeoma oblongifolia</i>	Canyons and mesas, slopes	5400	8000
<i>Hedeoma pulcherrima</i>	Canyon slopes	5500	5500
<i>Helenium autumnale</i> var. <i>montanum</i>	Moist canyon slopes, periodically flooded by lake waters	5400	5400
<i>Helenium hoopesii</i>	Mountain slopes; subalpine meadows	9500	10000
<i>Helianthella quinquenervis</i>	Mountain slopes, mixed conifer forests	9000	9500
<i>Helianthus annuus</i>	Disturbed soil; pinyon-juniper woodland, ponderosa pine and mixed conifer forests	9500	9000

Habitat

<i>Helianthus arizonensis</i>	Sandy soil	5400	7000
<i>Helianthus petiolaris</i>	Disturbed soils; ponderosa pine, pinyon-juniper woodland	6000	7500
<i>Helianthus rigidus</i> subsp. <i>subrhomboides</i>	Mesas	7200	7250
<i>Heracleum lanatum</i>	Along streams	7500	9000
<i>Heuchera parvifolia</i>	Canyon sides, rocky mountain slopes;pinyon-juniper woodland,pine, mixed conifer, subalpine	7000	10000
<i>Hieracium carneum</i>	Canyon slopes	7200	7200
<i>Hieracium fendleri</i>	Canyon bottoms; mixed conifer forests	7500	10000
<i>Hierochloa odorata</i>	Wet meadows	7000	12000
<i>Hilaria jamesii</i>	Mesa tops	6000	6500
<i>Holodiscus dumosus</i>	Mountain slopes; open mixed conifer forests, subalpine meadows	8000	10000
<i>Hordeum brachyantherum</i>	Meadows	5000	10000
<i>Hordeum jubatum</i>	Disturbed soil, canyon bottoms; ponderosa pine forest	6500	7500
<i>Humulus americanus</i>	Mostly along streams	6000	7500
<i>Humulus americanus</i>	Moist canyon bottoms	5550	6700
<i>Hydrophyllum fendleri</i>	Moist canyon bottoms; mixed conifer forests	7500	8000
<i>Hymenopappus filifolius</i>	Canyons and mesas; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Hymenopappus flavescens</i> var. <i>cano-tomentosus</i>	Gentle canyon slopes	5500	5500
<i>Hymenopappus newberryi</i>	Mountain slopes	7000	9000
<i>Hymenopappus tenuifolius</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	6000	6500
<i>Hymenoxys acaulis</i> var. <i>acaulis</i>	Mesas and slopes	5400	7500
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Hymenoxys acaulis</i> var. <i>arizonica</i>	Rocky slopes and mesas	5400	7000
<i>Hymenoxys argentea</i>	Mesas,canyon;juniper grassland,pinyon-juniper ponderosa pine&mixed conifer	5400	7500
<i>Hymenoxys brandegei</i>	Mountain peaks	5400	7000
<i>Hymenoxys ivesiana</i>	Dry plains and mesas	5400	6000
<i>Hymenoxys richardsonii</i> var. <i>floribunda</i>	Disturbed soil;juniper grassland, pinyon-juniper, ponderosa, and mixed conifer	6500	8000
<i>Hyoscyamus niger</i>	Disturbed soil	7500	8500
<i>Hypericum formosum</i>	Moist canyons, damp meadows; mixed conifer forest	7000	9000
<i>Ipomoea coccinea</i>	Disturbed soil; pinyon-juniper woodland	6500	7000
<i>Ipomoea hederacea</i>	Dry fields, disturbed soils	5400	5400
<i>Ipomopsis aggregata</i> subsp. <i>aggregata</i>	Disturbed soil; pinyon-juniper woodland, ponderosa pine and mixed conifer forest	7000	9500
<i>Ipomopsis aggregata</i> subsp. <i>texana</i>	Dry ground	6500	9000
<i>Ipomopsis laxiflora</i>	Mesas	5500	6500
<i>Ipomopsis longiflora</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Ipomopsis multiflora</i>	Dry slopes and mesas	5400	6000
<i>Ipomopsis pumila</i>	Dry mesas and canyons; pinyon-juniper woodland	5400	6500
<i>Iris missouriensis</i>	Meados, mountain slopes; subalpine meadows, mixed conifer forests	8000	10000

Habitat

<i>Iva axillaris</i>	Disturbed soil, roadsides, near streams	5400	5500
<i>Iva xanthifolia</i>	Along streams, disturbed soil	5400	7000
<i>Jamesia americana</i>	Canyon sides, mountain slopes	6500	9000
<i>Juncus balticus</i> var. <i>montanus</i>	Moist places, canyons and on slopes	5400	9000
<i>Juncus bufonius</i>	Moist canyon bottoms; pinyon-juniper woodland	6000	6500
<i>Juncus confusus</i>	Moist meadows	6500	8000
<i>Juncus drummondii</i>	Boggy moist canyon bottoms, meadows; ponderosa pine & mixed conifer forests	7500	8500
<i>Juncus interior</i>	Moist canyon bottoms; ponderosa pine forest	6500	8000
<i>Juncus longistylis</i> var. <i>longistylis</i>	Moist meadows	7000	9500
<i>Juncus marginatus</i>	Moist ground	5400	5400
<i>Juncus mexicanus</i>	Moist, often alkaline soil	5400	5400
<i>Juncus tenuis</i>	Moist canyon slopes and wet areas on mesas	5500	7200
<i>Juncus torreyi</i>	Moist ground	5400	8000
<i>Juncus xiphioides</i>	Moist canyon bottoms, canyon slopes and mountain slopes	5360	9700
<i>Juniperus communis</i>	Mountain slopes, canyon bottoms; ponderosa pine and mixed conifer forests	7000	10000
<i>Juniperus deppeana</i>	Dry, often rocky slopes	6500	8000
<i>Juniperus monosperma</i>	Mesas and canyons	5400	7500
<i>Juniperus scopulorum</i>	Mountain slopes, canyon bottoms; ponderosa pine and mixed conifer forests	7000	8500
<i>Kallstroemia hirsutissima</i>	Dry plains	5400	6500
<i>Kochia scoparia</i>	Disturbed soil; pinyon-juniper woodland, ponderosa pine forest	6000	7000
<i>Koeleria cristata</i>	Canyon bottoms, mesas tops, mountain slopes	6500	9500
<i>Krigia biflora</i>	Moist canyon bottoms	7200	7200
<i>Kuhnia chlorolepis</i>	Mesas, canyons; pinyon-juniper woodland, ponderosa pine forest	5400	7500
<i>Lactuca canadensis</i>	Moist canyon bottoms	6350	6450
<i>Lactuca graminifolia</i>	Open slopes and meadows	5400	8000
<i>Lactuca ludoviciana</i>	Moist ground	5400	6000
<i>Lactuca pulchella</i>	Disturbed soil	5400	8000
<i>Lactuca serriola</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	6000	6500
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Lactuca spicata</i>	Moist canyon bottoms	6500	6500
<i>Lappula echinata</i>	Disturbed soil, sandy soil	5400	7000
<i>Lappula redowskii</i>	Disturbed soil, sandy soil	5400	9000
<i>Lappula texana</i>	Disturbed soil	5400	6500
<i>Lathyrus arizonicus</i>	Canyon bottoms, mountain slopes; ponderosa, mixed conifer, spruce-fir forests	7000	10000
<i>Lathyrus leucanthus</i>	Meadows	7000	10500
<i>Leersia oryzoides</i>	Wet canyon slopes, near springs	5500	5500
<i>Lemna minor</i>	In water in canyons	5400	8500

Habitat

<i>Lepidium medium</i> var. <i>pubescens</i>	Roadsides, disturbed soil	5400	7500
<i>Lepidium medium</i> var. <i>medium</i>	Disturbed soil;juniper grassland, pinyon-juniper woodaldn, ponderosa pine forest	5400	7500
<i>Lesquerella fendleri</i>	Rocky slopes and mesas, sometimes sandy soils	5400	7000
<i>Lesquerella intermedia</i>	Disturbed soil, slopes; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Lesquerella rectipes</i>	Dry canyons and mesas; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Leucelene ericoides</i>	Disturbed soil, dry canyons and mesas, pinyon-juniper woodland	5400	7000
<i>Liatriis punctata</i>	Disturbed soil; ponderosa pine and mixed conifer forests	7000	9000
<i>Ligusticum porteri</i>	Moist canyon bottoms along streams; mixed conifer forests	7000	8000
<i>Lilium umbellatum</i>	Moist canyon bottoms; mixed conifer forests	7500	8500
<i>Limosella aquatica</i>	Marshy canyon bottoms	6500	7000
<i>Linaria vulgaris</i>	Disturbed soil	6000	7000
<i>Linum aristatum</i> var. <i>autrale</i>	Sandy places, mesas	5400	8000
<i>Linum lewisii</i>	Dry canyons, mesas, usually disturbed soil	5400	10000
<i>Linum neomexicana</i>	Dry canyon bottoms and sides,mesa tops;juniper grassland,pinyon-juniper wood.	5400	6500
<i>Linum puberulum</i>	Dry mesas and canyons	5400	7500
<i>Linum rigidum</i> "complex"	Dry canyon bottoms and slopes and mesas	6000	7850
<i>Lithospermum cobrense</i>	Wooded slopes	5000	9000
<i>Lithospermum incisum</i>	Canyons, mesas; pinyon-juniper woodland, ponderosa pine forest	5400	7000
<i>Lithospermum multiflorum</i>	Canyons and mountain slopes; ponderosa pine and mixed conifer forests	7000	8000
<i>Lobelia cardinalis</i> subsp. <i>graminae</i>	White Rock Canyon springs; pinyon-juniper woodland & Moist-wet	5400	5400
<i>Lolium perenne</i>	Meadows, disturbed soil	5400	6500
<i>Lonicera involucrata</i>	Slopes, near streams; mixed conifer forest	7500	10000
<i>Lotus wrightii</i>	Canyon bottoms, mesas tops; pinyon-juniper woodland, ponderosa pine forests	6500	7500
<i>Lupinus alpestris</i>	Moist mountain meadows	7000	10000
<i>Lupinus ammophilus</i>	Sandy soil	6000	8000
<i>Lupinus argenteus</i>	Meadows and open woods	7000	10000
<i>Lupinus brevicaulis</i>	Mesas	6250	6250
<i>Lupinus caudatus</i> subsp. <i>argophyllus</i>	Disturbed soils,canyon bottoms,roadsides;pinyon-juniper woodland, ponderosa, mix. conif.	6500	7500
<i>Lupinus kingii</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	6000	6500
<i>Lupinus pusillus</i>	Dry mesas and sandy soils	5400	7500
<i>Lupinus rubricaulis</i>	Open slopes	8000	9000
<i>Luzula parviflora</i>	Moist woods and meadows	8000	11000
<i>Lycium pallidum</i>	Archeological ruins, talus slopes; juniper grassland, pinyon-juniper woodland	5400	7000
<i>Lycopus americanus</i>	Disturbed canyon bottoms and slopes, periodically flooded by lake waters	5400	5400
<i>Lycurus phleoides</i>	Dry canyon sides and bottoms; juniper grassland, pinyon-juniper, ponderosa pine	5400	8000
<i>Machaeranthera amplifolia</i>	Restricted to rocky slopes	6000	7000
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)

Habitat

<i>Machaeranthera bigelovii</i>	Disturbed soil, roadsides	6000	9000
<i>Machaeranthera canescens</i>	Mountain slopes, roadsides	7800	7900
<i>Machaeranthera linearis</i>	Sandy areas	5400	5400
<i>Machaeranthera tanacetifolia</i>	Roadsides, disturbed soils	6000	6500
<i>Machaeranthera tephrodes</i>	Canyons	5400	7000
<i>Malacothrix fendleri</i>	Sandy or rocky mesas and slopes	5400	6000
<i>Malaxis soulei</i>	In dense ponderosa pine stands, shaded areas	8000	9500
<i>Malva negelecta</i>	Disturbed sil, lawns	5400	7500
<i>Malva parviflora</i>	Disturbed soil, lawns	5400	7000
<i>Mammillaria wrightii</i>	Canyons and mesas; juniper grassland	5400	6500
<i>Marrubium vulgare</i>	Moist ground, disturbed soil	5000	7500
<i>Maurandya antirrhiniflora</i>	Sandy soils, along Rio Grande	5400	7500
<i>Medicago lupulina</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	5400	7500
<i>Medicago sativa</i>	Open slopes; spruce-fir forest	5400	10000
<i>Melampodium leucanthum</i>	Rocky dry canyons	5400	6000
<i>Melica porteri</i>	Moist canyon bottoms; ponderosa pine forest	7000	7500
<i>Melilotus albus</i>	Disturbed soil	5400	8000
<i>Melilotus indicus</i>	Fields and disturbed soils	5400	7000
<i>Melilotus officinalis</i>	Disturbed soil; juniper grassland, ponderosa pine and mixed conifer forest	5400	8500
<i>Menodora scabra</i>	Dry canyon bottoms	5700	5700
<i>Mentha arvensis</i>	Moist ground	5400	9000
<i>Mentzelia albicaulis</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	5400	7000
<i>Mentzelia laciniata</i>	Mesas and canyons	5400	6500
<i>Mentzelia nuda</i> var. <i>stricta</i>	Mesas	5400	6500
<i>Mentzelia pumila</i> var. <i>integra</i>	Mesas	5400	6500
<i>Mentzelia pumila</i> var. <i>multiflora</i>	Sandy soil	5400	8000
<i>Mentzelia pumila</i> var. <i>pumila</i>	Disturbed soil roadsides, trails	5400	8000
<i>Mentzelia rusbyi</i>	Moist mountain slopes	5000	8000
<i>Mertensia brevistyla</i>	Canyons, moist places; ponderosa and mixed conifer forests	7000	8000
<i>Mertensia franciscana</i>	Moist ground, canyon bottoms; mixed conifer forests	7500	8500
<i>Mertensia lanceolata</i> var. <i>fendleri</i>	Canyon bottoms, mountain sides; pinyon-juniper woodland, ponderosa pine	6500	9000
<i>Mertensia lanceolata</i> var. <i>lanceolata</i>	Canyons, mountain slopes, meadows	6500	10000
<i>Microseris linearifolia</i>	Canyon bottoms; juniper grassland	5400	6000
<i>Microseris minimus</i>	Canyon bottoms; juniper grassland	5400	6000
<i>Microseris gracilis</i>	Canyon slopes, periodically flooded by lake waters	5500	5500
<i>Mimulus floribundus</i>	Moist ground, along streams	5400	6500
<i>Mimulus glabratus</i> var. <i>fremontii</i>	Shallow water	5400	7000
<i>Mimulus guttatus</i>	Moist ground, along streams	8000	8500
<i>Mirabilis coccinea</i>	Mesas and canyons	5400	6500

Habitat

<i>Mirabilis multiflora</i>	Canyon sides and mesas tops; usually beneath junipers or pinyons	5400	7000
<i>Mirabilis oxybaphoides</i>	Canyon sides; juniper grassland	5400	6000
<i>Moldavica parviflora</i>	Mesas and canyons	5000	8500
<i>Monarda menthaefolia</i>	Canyon bottoms, open meadows	6500	9000
<i>Monarda pectinata</i>	Dry disturbed soil	6500	7500
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Monotropa latisquama</i>	Mountain slopes; ponderosa pine and mixed conifer forests	7500	9000
<i>Muhlenbergia arsenei</i>	Dry canyons and mesas; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Muhlenbergia asperifolia</i>	Mesas	5400	6000
<i>Muhlenbergia curtifolia</i>	Rocky soil	5400	8000
<i>Muhlenbergia mexicana</i>	Moist ground	5400	6500
<i>Muhlenbergia montana</i>	Mesa tops,canyon bottoms,mountain slopes, disturbed areas;pinyon-juniper,pine,mix conif.	7500	10000
<i>Muhlenbergia pauciflora</i>	Rocky slopes	5400	7500
<i>Muhlenbergia porteri</i>	Rocky slopes and mesas	5400	6500
<i>Muhlenbergia pulcherrima</i>	Rocky ground	9000	9500
<i>Muhlenbergia racemosa</i>	Moist woods and meadows	5400	8000
<i>Muhlenbergia rigens</i>	Canyon bottoms and slopes and grass drainages on mesas	5500	6750
<i>Muhlenbergia torreyi</i>	Mesa tops	5400	6500
<i>Muhlenbergia wolfii</i>	Mountain meadows	9200	9200
<i>Muhlenbergia wrightii</i>	Canyon bottoms, mesa tops; ponderosa pine and mixed conifer forests	7500	8000
<i>Munroa squarrosa</i>	Mesas, adjacent to ant piles in disturbed soils	5400	6000
<i>Myosurus minimus</i>	Moist, wet places; juniper grassland	5400	5400
<i>Nama dichotomum</i>	Open sometimes, gravelly slopes	5400	8000
<i>Nama hispidum</i> var. <i>hispidum</i>	Dry mesas	5400	7000
<i>Nepeta cataria</i>	Disturbed soil	5400	8000
<i>Nicotiana attenuata</i>	Sandy soil near streams and washes	5400	7000
<i>Nolina microcarpa</i>	Moist canyon bottoms and slopes	6100	6100
<i>Notholaena</i> spp.	pinyon-juniper woodland	5400	7000
<i>Notholaena standleyi</i>	Canyon slopes, on cliffs and boulders	6000	6000
<i>Oenothera albicaulis</i>	Disturbed soil, roadsides	6000	7500
<i>Oenothera caespitosa</i>	Disturbed soil; pinyon-juniper woodland, ponderosa pine forest	6500	7000
<i>Oenothera caespitosa</i> subsp. <i>eximia</i>	Mesas and canyons	6500	7000
<i>Oenothera caespitosa</i> subsp. <i>montana</i>	Rocky slopes	5400	8500
<i>Oenothera coronopifolia</i>	Open slopes	5400	8000
<i>Oenothera flava</i>	Moist meadows	5400	10000
<i>Oenothera hookeri</i>	Disturbed soil, canyon bottoms; juniper grassland, pinyon-juniper woodland	6000	8000
<i>Oenothera laciniata</i> var. <i>laciniata</i>	Mesas and slopes	6000	8000

Habitat

<i>Oenothera pallida</i> subsp. <i>pallida</i>	Sand, disturbed soil	5400	5400
<i>Oenothera primiveris</i>	Mesas and canyons	5400	5400
<i>Opuntia clavata</i>	Sandy river banks	5400	5400
<i>Opuntia erinacea</i> var. <i>erinacea</i>	Sandy or gravelly canyons	5400	7000
<i>Opuntia erinacea</i> var. <i>utahensis</i>	Sandy or gravelly canyons	5400	6500
<i>Opuntia imbricata</i>	Gravelly or sandy slopes, archeological sites, pinyon-juniper woodland	5400	6000
<i>Opuntia macrorhiza</i> var. <i>macrorhiza</i>	Rocky-sandy mesas; juniper grassland	5400	6500
<i>Opuntia phaeacantha</i> var. <i>discata</i>	Sandy hills, valleys	5400	5400
<i>Opuntia phaeacantha</i> var. <i>phaeacantha</i>	Rocky canyons, sandy banks of Rio Grande; pinyon-juniper woodland	5400	6000
<i>Opuntia polyacantha</i> var. <i>polyacantha</i>	Dry sandy soils; pinyon-juniper woodland, ponderosa pine forest	5400	8000
<i>Orobanche fasciculata</i> var. <i>lutea</i>	Under snakeweed and sagebrush; juniper woodland	5400	6000
<i>Orobanche ludoviciana</i>	Canyon bottoms	6000	6000
<i>Orobanche multiflora</i>	Sandy soils	5400	6500
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Orthocarpus luteus</i>	Open meadows	7500	9500
<i>Orthocarpus purpureo-albus</i>	Measa tops and open canyon bottoms; pinyon-juniper woodland	6500	7000
<i>Oryzopsis asperifolia</i>	Canyon bottoms; mixed conifer forests	8000	10000
<i>Oryzopsis hymenoides</i>	Sandy areas; juniper grassland, pinyon-juniper woodland	5400	7000
<i>Oryzopsis micrantha</i>	Canyons and mesas; juniper grassland, pinyon-juniper woodland	5400	7000
<i>Osmorhiza obtusa</i>	Canyon bottoms, mountain slopes; mixed conifer forests	7500	9500
<i>Oxalis metcalfei</i>	Shaded slopes	6000	9000
<i>Oxalis violacea</i>	Canyon bottoms, mountain slopes, meadows; ponderosa pine and mixed conifer	7500	9500
<i>Oxybaphus hirsutus</i>	Plains and hills	5400	7000
<i>Oxybaphus linearis</i> var. <i>linearis</i>	Dry or disturbed soil	5400	8000
<i>Oxypolis fendleri</i>	Marshy ground near streams	7000	10000
<i>Oxytropis lambertii</i>	Mesas, roadside	6500	6600
<i>Pachystima myrsinites</i>	Canyons, mountain slopes; ponderosa pine forest & Moist	6500	7000
<i>Panicum bulbosum</i>	Canyon bottoms and slopes	6200	7200
<i>Panicum capillare</i> var. <i>capillare</i>	Disturbed soil, roadsides; juniper grassland, pinyon-juniper woodland, ponderosa	5400	7000
<i>Panicum hallii</i>	Dry canyon slopes	5600	5600
<i>Panicum helleri</i>	Mesas	5400	6000
<i>Panicum miliaceum</i>	Disturbed soil	5400	7000
<i>Panicum obtusum</i>	Along banks of the Rio Grande; juniper grassland	5400	6000
<i>Panicum scribnerianum</i>	Agricultural areas	5400	6000
<i>Panicum tennesseense</i>	Moist ground	5400	5400
<i>Panicum virgatum</i> .	Canyon bottoms; ponderosa pine forest	5400	7500
<i>Parthenium incanum</i>	Dry canyon slopes	5800	5800

Habitat

<i>Parthenocissus inserta</i>	Springs and along rivers; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Pectis angustifolia</i>	Mesas and slopes	5400	7000
<i>Pectis papposa</i>	Mesas; juniper grassland	5400	6000
<i>Pedicularis grayi</i>	Mountain slopes; mixed conifer forests	8000	9500
<i>Pediocactus papyracanthus</i>	Mesas; pinyon-juniper woodland	6000	7000
<i>Pellaea atropurpurea</i>	Rocky areas, usually along cliffs	5400	7000
<i>Pellaea fendleri</i>	Under rocky overhanging cliffs; juniper woodland	5400	6000
<i>Pellaea limitanea</i>	Rocky areas, especially cliffs and ledges	5400	7000
<i>Pellaea longimucronata</i>	Rocky areas, especially along cliffs	5000	7000
<i>Penstemon barbatus</i> subsp. <i>torreyi</i>	Disturbed soil, roadsides, mesas	6500	9500
<i>Penstemon eatonii</i>	Canyons	6000	7000
<i>Penstemon fendleri</i>	Mesas and canyons	5400	8000
<i>Penstemon jamesii</i>	Dry canyons; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Penstemon lentus</i>	Dry hills, mesas	5500	8000
<i>Penstemon linarioides</i> subsp. <i>coloradensis</i>	Slopes; mixed conifer forests	7500	8500
<i>Penstemon oliganthus</i>	Meadows, rocky slopes	8000	9000
<i>Penstemon rydbergii</i>	Moist meadows, open groves	7000	9000
<i>Penstemon secundiflorus</i>	Dry canyons and mesas; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Penstemon virgatus</i>	Dry canyons, mesas; juniper grassland, pinyon-juniper woodland	5400	7500
<i>Penstemon whippleanus</i>	Ski slopes, meadows, canyons; mixed conifer forests, subalpine meadows	9000	10000
<i>Pericome caudata</i>	Disturbed soil	7000	8500
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Petalostemum candidum</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland, ponderosa pine	6000	8000
<i>Petalostemum compactum</i>	Disturbed soil; pinyon-juniper woodland	6000	6500
<i>Petalostemum exile</i>	Disturbed soil; pinyon-juniper woodland	6500	7000
<i>Petalostemum purpureum</i>	Disturbed soil; ponderosa pine forest	7000	7500
<i>Petalostemum villosum</i>	Mesas and canyons	5400	6000
<i>Phacelia coerulea</i>	Canyon slopes and mesas	6400	6400
<i>Phacelia corrugata</i>	Mesas, disturbed soil, sandy soil	5400	7000
<i>Phacelia heterophylla</i>	Meadows, mountain slopes; subalpine meadows, spruce-fir forest	9500	10000
<i>Phacelia integrifolia</i>	Disturbed soil	6500	7000
<i>Phacelia magellanica</i>	Rich moist soil in coniferous forests, along streams	5000	9000
<i>Phacelia neomexicana</i> var. <i>neomexicana</i>	Forested slopes	7000	9000
<i>Phaseolus angustissimus</i>	Dry mesas and canyons, sandy soils	5400	6000
<i>Phaseolus leiospermus</i>	Stream banks	5400	6000
<i>Philadelphus microphyllus</i> var. <i>microphyllus</i>	Moist canyon bottoms; rocky slopes	6500	8000
<i>Phleum alpinum</i>	Meadows	8000	11500

Habitat

<i>Phleum pratense</i>	Canyon bottoms,mountain slopes,meadows;mixed conif. for.,subalpine meadows	7500	10000
<i>Phlox longifolia</i>	Open slopes	5400	6500
<i>Phoradendron juniperum</i>	Mostly parasitic on junipers	5400	7000
<i>Phragmites communis</i>	Wet canyon slopes	5400	5550
<i>Physalis foetens</i> var. <i>neomexicana</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	6000	7000
<i>Physalis hederifolia</i> var. <i>cordifolia</i>	Slopes, canyons and mesas	5400	7000
<i>Physalis pubescens</i>	Disturbed soil	5400	6500
<i>Physocarpus mongynus</i>	Canyon bottoms and sides; mixed conifer forests	7500	8000
<i>Picea engelmannii</i>	Mountain slopes; mixed conifer and spruce fir forests	8500	11000
<i>Picea pungens</i>	Canyon sides and mountain slopes; mixed conifer forests	8000	10000
<i>Pinus edulis</i>	Mesas and canyons; often with juniper	5400	7500
<i>Pinus flexilis</i>	Mountain slopes, canyon sides; mixed conifer forests	8000	10000
<i>Pinus ponderosa</i> var. <i>scopulorum</i>	Canyon bottoms, canyon sides, mountain slopes	5400	9500
<i>Plantago argyrea</i>	Slopes and woods	6000	7000
<i>Plantago major</i>	Disturbed soil, canyon bottoms; juniper grassland, pinyon-juniper woodland	7500	8000
<i>Plantago purshii</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	5400	7000
<i>Poa annua</i>	Disturbed soil	5400	8500
<i>Poa bigelovii</i>	Meadows	5400	7000
<i>Poa compressa</i>	Disturbed soil	5400	9000
<i>Poa fendleriana</i>	Meadows and canyons	6000	11000
<i>Poa interior</i>	Moist meadows	5400	8000
<i>Poa longiligula</i>	Rocky slopes and canyons	5500	9500
<i>Poa nevadensis</i>	Moist meadows	7000	9000
<i>Poa palustris</i>	Meadows	5000	11000
<i>Poa pattersonii</i>	Mountain summits	10000	11000
<i>Poa pratensis</i>	Mountain slopes, canyons	5400	9500
<i>Polanisia trachysperma</i>	Sandy canyons and arroyos; juniper grassland	6000	6500
<i>Polemonium foliosissimum</i> var. <i>foliosissimum</i>	Moist woods and meadows	7000	10000
<i>Polygonum amphibium</i> var. <i>stipulaceum</i>	Floating in water	6500	8500
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Polygonum aviculare</i>	Disturbed soil, mostly along roadsides	5400	9500
<i>Polygonum bistortoides</i>	Boggy mountain meadows	8950	9000
<i>Polygonum convolvulus</i>	Disturbed soil, cultivated soil	5400	8000
<i>Polygonum douglasii</i>	Dry meadows	7000	8500
<i>Polygonum montanum</i>	Mesas	7300	7300
<i>Polygonum persicaria</i>	Moist ground, canyon bottoms; juniper grassland, pinyon-juniper woodland	5400	8500
<i>Polygonum ramosissimum</i>	Disturbed soil; mixed conifer forest	7000	8500

Habitat

<i>Polygonum sawatchense</i>	Meadows in mountains	6500	8000
<i>Polypogon monspeliensis</i>	Dry canyons; juniper grassland	5400	6000
<i>Populus angustifolia</i>	Moist canyon bottoms; pinyon-juniper woodland, ponderosa pine forest	5400	6500
<i>Populus fremontii</i> var. <i>wislizenii</i>	River banks, streams sides	5400	6500
<i>Populus tremuloides</i> var. <i>aurea</i>	Canyon bottoms, mountain slopes; mixed conifer forests or pure stands	7000	10000
<i>Portulaca oleracea</i>	Disturbed soil, cultivated areas	5400	8000
<i>Potentilla anserina</i>	Moist ground, particularly banks or Rio Grande, riparian areas, meadows	5400	9500
<i>Potentilla arguta</i> subsp. <i>convallaria</i>	Meadows	6500	9000
<i>Potentilla concinna</i>	Dry mesas	7000	11000
<i>Potentilla crinita</i>	Meadows	7000	8000
<i>Potentilla fruticosa</i>	Open meadows; spruce-fir forest, subalpine meadows	8000	10000
<i>Potentilla hippiana</i>	Moist canyon bottoms, mountain slopes; mixed conifer forests	8000	8500
<i>Potentilla norvejica</i>	Moist canyon bottoms, marshy areas; pinyon-juniper woodland, ponderosa pine	6500	7000
<i>Potentilla pennsylvanica</i>	Meadows	7000	9500
<i>Potentilla pulcherrima</i>	Canyon bottoms, mountain slopes; mixed conifer forests	7500	10000
<i>Potentilla thurberi</i> var. <i>thurberi</i>	Along streams	7000	9000
<i>Primula rusbyi</i>	Rocky ledges, bogs, rocky places	10000	11000
<i>Prunella vulgaris</i>	Moist ground, canyon bottoms; ponderosa pine and mixed conifer forests	7000	8000
<i>Prunus americana</i>	Slopes, valleys, along streams	5400	7000
<i>Prunus emarginata</i> var. <i>emarginata</i>	Slopes	6500	9000
<i>Prunus virginiana</i> var. <i>melanocarpa</i>	Along streams, rocky canyons; pinyon-juniper woodland, ponderosa pine forest	6000	7500
<i>Pseudocymopterus montanus</i>	Canyons, mesas, mountain slopes; meadows;pinyon-juniper wood.,pine,mixed con.,subalpine	7000	10000
<i>Pseudotsuga menziesii</i> var. <i>glauca</i>	Canyon sides, canyon bottoms, mountain slopes; mixed conifer forests	6500	10000
<i>Psilotrophe tagetina</i>	Dry canyon bottoms, mesa tops; juniper grassland, pinyon-juniper grassland	5400	6500
<i>Psoralea hypogaea</i>	Dry canyons	5400	5500
<i>Psoralea lanceolata</i>	Dry mesas	5400	7500
<i>Psoralea tenuiflora</i>	Dry mesas	5400	7500
<i>Ptelea trifoliata</i> susp <i>angustifolia</i>	Canyon sides; juniper grassland, pinyon-juniper woodland, ponderosa pine for.	6500	7000
<i>Pteridium aquilinum</i> var. <i>pubescens</i>	Shaded canyon bottoms, mountain slopes; mixed conifer forests	7500	8500
<i>Pterospora andromedea</i>	Mesa tops, mountain sides; ponderosa pine forest	7000	7500
<i>Pulsatilla ludoviciana</i>	Canyon bottoms, mesas tops; ponderosa pine forest	6500	7500
<i>Purshia tridentata</i>	Old field	7500	7500
<i>Pyrola asarifolia</i>	Moist canyon bottoms	7450	7450
<i>Pyrola chlorantha</i>	Mountain slopes, canyon bottoms; mixed conifer forests	7500	9500
<i>Pyrola elliptica</i>	Moist woods	7000	10000
<i>Pyrola minor</i>	Canyon bottoms, mountain slopes; mixed conifer forests	7500	8500
<i>Pyrola picta</i>	Mountain slopes	9000	9000

Habitat

Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Pyrrhopappus multicaulis</i>	Moist canyon slopes	5500	5500
<i>Quercus gambelii</i>	Canyons,mountain slopes,mesas;pinyon-juniper wood.,ponderosa & mixedconifer	6500	8500
<i>Quercus grisea</i>	Dry canyon sides and bottoms	5400	6000
<i>Quercus pungens</i>	Rocky slopes	5400	7000
<i>Quercus turbinella</i>	Rocky slopes	5400	8000
<i>Quercus undulata</i>	Canyon bottom and mesas; pinyon-juniper woodland, ponderosa pine forest	6500	7500
<i>Ramischia secunda</i>	Mountain slopes, meadow edges; mixed conifer forests	8000	9500
<i>Ranunculus abortivus</i>	Moist canyon bottoms	6850	6850
<i>Ranunculus aquatilis</i> var. <i>capillaceus</i>	Ponds and streams	5400	8500
<i>Ranunculus cardiophyllus</i>	Canyon bottoms, meadows, moist slopes; pine and mixed conifer, subalpine	7500	10000
<i>Ranunculus cymbalaria</i> var. <i>saximontanus</i>	Moist soil, along streams	5000	8000
<i>Ranunculus inamoenus</i>	Canyon bottoms	5400	8000
<i>Ranunculus macounii</i>	Moist woods	6000	8500
<i>Ranunculus macranthus</i>	Moist soil	5400	7500
<i>Ranunculus sceleratus</i> var. <i>multifidus</i>	Wet canyon slopes, periodically flooded by lake waters	5360	5500
<i>Ratibida columnifera</i>	River banks, disturbed areas; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Ratibida tagetes</i>	River banks, disturbed soil; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Rhus glabra</i>	Moist soil along streams, rocky canyon walls	5400	8000
<i>Rhus radicans</i>	Canyon bottoms, springs in dry canyons; pinyon-juniper woodlands, ponderosa pine	5400	8000
<i>Rhus trilobata</i>	Canyon bottoms, mesas; juniper grassland, pinyon juniper woodland	6500	7000
<i>Ribes cereum</i>	Canyons,meadows,forest openings;juniper grassland,pinyon-juniper wood.,pine,mixed conif.	5400	8000
<i>Ribes inebrians</i>	Canyons, rocky slopes	7000	9000
<i>Ribes inerme</i>	Moist woods	7000	9000
<i>Ribes leptanthum</i>	Canyon sides and mountain slopes; mixed conifer forests	6500	8000
<i>Ribes montigenum</i>	Open slopes	7500	11000
<i>Ribes pinetorum</i>	Slopes; mixed conifer and spruce-fir forests	7000	11500
<i>Ribes wolfii</i>	Mixed conifer and spruce-fir forests, slopes	9500	10000
<i>Robinia neomexicana</i>	Canyons, open woods, and roadsides	6000	9500
<i>Rorippa islandica</i>	Streams	5400	9500
<i>Rorippa nasturtium-aquaticum</i>	Running water; juniper grassland	5400	6000
<i>Rorippa obtusa</i>	Wet ground	5400	9000
<i>Rorippa palustris</i> subsp. <i>glabra</i>	Moist canyon bottoms	5360	5900
<i>Rorippa palustris</i> subsp. <i>hispida</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5360	5360
<i>Rorippa sinuata</i>	Wet ground	5400	8000
<i>Rorippa sylvestris</i>	Damp ground	5400	8000
<i>Rorippa truncata</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5360	5400

Habitat

<i>Rosa nutkana</i>	Open wooded slopes	6000	9000
<i>Rosa woodsii</i> var. <i>arizonica</i>	Along streams or on forested slopes	5400	9000
<i>Rosa woodsii</i> var. <i>fendleri</i>	Canyons and mountain slopes	6000	9000
<i>Rubus parviflorus</i>	Canyon bottoms, slopes	7000	9500
<i>Rubus strigosus</i> var. <i>arizonicus</i>	Canyon bottoms, slopes	6500	11000
<i>Rudbeckia hirta</i>	Mountain slopes, canyon bottoms; mixed conifer forests	7500	9500
<i>Rudbeckia laciniata</i>	Moist canyon bottoms; mixed conifer forests	7500	9500
<i>Rumex acetosella</i>	Meadows, disturbed soil	5400	8000
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Rumex crispus</i>	See Robertson (1968); Herb., Band. NM	5400	8000
<i>Rumex mexicanus</i>	Canyon bottoms, along streams, disturbed soils	5400	7000
<i>Rumex occidentalis</i>	Moist, often marshy ground	7000	8500
<i>Rumex patientia</i>	Canyon bottoms, streamside	5700	6950
<i>Rumex triangulivalvis</i>	Disturbed soil, stream banks; juniper grassland, pinyon-juniper woodland, pine	5400	7500
<i>Salix bebbiana</i>	Along streams	7000	8500
<i>Salix caudata</i>	Along streams, moist places; pinyon-juniper woodland, ponderosa pine forest	6500	7000
<i>Salix exigua</i>	Along streams, moist places; juniper & pinyon-juniper woodland, ponderosa pine forest	5400	7000
<i>Salix irrorata</i>	Along streams, moist places; juniper grassland, pinyon-juniper woodland	5400	7500
<i>Salix scouleriana</i>	On mountain slopes	9500	10000
<i>Salvia pratensis</i>	Mountain slopes, roadside	9050	9050
<i>Salvia reflexa</i>	Disturbed soil	6000	6500
<i>Salvia subincisa</i>	Disturbed mesas	6500	6500
<i>Sambucus melanocarpa</i>	Moist mountain slopes, along streams	7500	10000
<i>Sambucus microbotrys</i>	Disturbed slopes, roadsides; mixed conifer forests	9000	9500
<i>Sanvitalia abertii</i>	Canyon bottoms; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Saponaria officinalis</i>	Roadsides, disturbed soil & Dry-moist	5400	7500
<i>Sarcobatus vermiculatus</i>	Alkaline soil	5400	6000
<i>Saxifraga bronchialis</i> subsp. <i>austromontana</i>	On rocks and in rock crevices	7000	11000
<i>Saxifraga rhomboidea</i>	Moist ground	7000	11000
<i>Schedonnardus paniculatus</i>	Mesas	5000	7000
<i>Schizachne purpurascens</i>	Moist canyon slopes, mountain slopes and meadows	7450	8800
<i>Scleropogon brevifolius</i>	Canyons, sandy soil	5400	7000
<i>Scripus californicus</i>	Moist ground	5400	5400
<i>Sedum cockerellii</i>	Rocky outcrops and crevices	7000	11000
<i>Senecio arizonicus</i>	Dry mesas	5400	6000
<i>Senecio atratus</i>	Open mountain slopes	8200	8200
<i>Senecio bigelovii</i> var. <i>bigelovii</i>	Mountain slope openings; spruce-fir forests, subalpine meadows	9000	9500

Habitat

<i>Senecio crassulus</i>	Mountain meadows, mountain slopes	9000	13000
<i>Senecio cymbalarioides</i>	Meadows	7000	12000
<i>Senecio douglasii</i> var. <i>longilobus</i>	Mesas, canyons, disturbed soil; juniper grassland, pinyon-juniper woodland	5400	7500
<i>Senecio eremophilus</i> var. <i>macdougalii</i>	Canyon bottoms, mountain slopes, subalpine meadows	7500	10000
<i>Senecio eurypterus</i>	Moist canyon bottoms	6800	6800
<i>Senecio fendleri</i>	Canyon bottoms, disturbed soil; ponderosa pine and mixed conifer forests	6500	8500
<i>Senecio multicapitatus</i>	Canyons, mesas; juniper grassland, pinyon-juniper woodland	6000	7000
<i>Senecio multilobatus</i>	pinyon-juniper woodland	6000	7000
<i>Senecio neomexicanus</i>	Mountains and dry slopes	5400	9000
<i>Senecio pauperculus</i>	Moist canyon bottoms	7000	7000
<i>Senecio pseudoaureus</i>	Moist meadows	7500	9500
<i>Senecio spartioides</i>	Mountains, valleys, open slopes	6500	9000
<i>Senecio triangularis</i>	Moist ground	9000	10000
<i>Senecio werneriaefolius</i>	Mountains and slopes	7000	13000
<i>Senecio wootonii</i>	Meadows	6000	9000
<i>Setaria geniculata</i>	Sandy soil	5000	7500
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Setaria lutescens</i>	Disturbed soil	5400	7500
<i>Setaria macrostachya</i>	Canyon slopes	5700	5700
<i>Setaria viridis</i>	Disturbed soil	5400	8000
<i>Sidalcea candida</i>	Moist canyons	8000	8500
<i>Silene antirrhina</i>	Slopes, fields, disturbed soils & Dry-moist	6500	9000
<i>Silene noctiflora</i>	Meadows, cultivated and disturbed soils & Dry-Moist	6500	9000
<i>Silene scouleri</i>	Canyons, meadows; mixed conifer forests and subalpine meadows	8000	10000
<i>Sisymbrium altissimum</i>	Disturbed soil	5400	7000
<i>Sisymbrium iroio</i>	Disturbed canyon bottoms	6200	6200
<i>Sisymbrium linifolium</i>	Mesas and slopes	5400	8500
<i>Sisyrinchium demissum</i>	Riparian canyon bottoms; juniper grassland, meadows	6000	9000
<i>Sisyrinchium montanum</i>	Mountain meadows; subalpine meadows	9500	10000
<i>Sitanion hystrix</i>	Disturbed soil; juniper grass., pinyon-juniper wood., ponderosa pine & mixed conifer forests	5400	9500
<i>Smilacina racemosa</i>	Moist canyon bottoms, mountain slopes; ponderosa pine and mixed conifer forest	7500	10000
<i>Smilacina stellata</i>	Moist canyon bottoms, mountain slopes; mixed conifer forests	7500	9500
<i>Solanum americanum</i>	Disturbed soil	5400	5400
<i>Solanum douglasii</i>	Canyons and rocky slopes	5400	6000
<i>Solanum elaeagnifolium</i>	Disturbed soil; juniper woodland, pinyon-juniper forest	5400	6000
<i>Solanum jamesii</i>	Open wooded slopes	5500	7500
<i>Solanum nigrum</i>	Shaded slopes	5400	7000

Habitat

<i>Solanum rostratum</i>	Disturbed soil	5400	7500
<i>Solanum sarachoides</i>	Disturbed soil	5400	8000
<i>Solanum triflorum</i>	Slopes of mesas and canyons	5400	9000
<i>Solidago altissima</i>	Canyon slopes and bottoms, and mesas	6150	6600
<i>Solidago canadensis</i> var. <i>canadensis</i>	Moist ground	5400	9000
<i>Solidago canadensis</i> var. <i>gilvocanescens</i>	Moist canyon bottoms	6000	6700
<i>Solidago mollis</i>	Canyon bottoms	6700	6700
<i>Solidago multiradiata</i>	Mountain slopes, subalpine	8500	10000
<i>Solidago occidentalis</i>	Dry canyons; juniper grassland	5400	6000
<i>Solidago pallida</i>	Canyon bottoms	6500	6500
<i>Solidago petradoria</i>	Rocky canyons and slopes	5400	8000
<i>Solidago sparsiflora</i>	Canyon bottoms; juniper grassland	5400	6000
<i>Solidago spathulata</i> var. <i>neomexicana</i>	Moist canyon bottoms; ponderosa pine and mixed conifer forests	7000	10000
<i>Solidago wrightii</i> var. <i>wrightii</i>	Open woods	7500	9500
<i>Sonchus asper</i>	Disturbed soil; pinyon-juniper woodland	6500	7000
<i>Sonchus oleraceus</i>	Disturbed soil; roadsides	5400	6000
<i>Sophora nuttalliana</i>	Dry canyon sides; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Sorghastrum nutans</i>	Mesas	5400	6500
<i>Spergularia marina</i>	Disturbed canyon bottoms, periodically flooded by lake waters	5360	5400
<i>Sphaeralcea angustifolia</i> var. <i>cuspidata</i>	Dry disturbed soil, roadsides	5400	7000
<i>Sphaeralcea coccinea</i> var. <i>elata</i>	Canyon bottoms, roadsides	5400	8000
<i>Sphaeralcea fendleri</i> var. <i>fendleri</i>	Open slopes	5400	8000
<i>Sphaeralcea incana</i>	Canyons, mesas, disturbed soils; juniper grassland, pinyon-juniper woodland	5400	6500
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Sphenopholis intermedia</i>	Moist meadows	6000	8000
<i>Sporobolus airoides</i>	Mesas and slopes	5400	7000
<i>Sporobolus asper</i>	Open slopes	5000	6000
<i>Sporobolus contractus</i>	Canyon bottoms; pinyon-juniper woodland	6000	6500
<i>Sporobolus cryptandrus</i>	Dry mesas and slopes; pinyon juniper woodland, revegetated agricultural areas	5400	6500
<i>Sporobolus nealleyi</i>	Dry mesas and canyons; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Sporobolus texanus</i>	Canyons and slopes	5400	5400
<i>Stachys palustris</i>	Moist shady places	6500	9000
<i>Stanleya pinnata</i>	Mesas and canyons	5400	6500
<i>Stellaria jamesiana</i>	Forest openings, meadows; mixed conifer forests, subalpine meadows	9000	10000
<i>Stellaria longifolia</i>	Canyons; mixed conifer forests & Moist	7500	8000
<i>Stellaria longipes</i>	Moist ground	7000	9500
<i>Stephanomeria pauciflora</i>	Mesas	5400	7000

Habitat

<i>Stephanomeria tenuifolia</i>	Mesas	5400	8000
<i>Stipa columbiana</i>	Meadows and open slopes	7000	9000
<i>Stipa comata</i>	Mesa tops, disturbed soil; pinyon-juniper woodland	6000	6500
<i>Stipa eminens</i>	Dry slopes, mesas	5400	6000
<i>Stipa lettermanii</i>	Meadows	5000	8000
<i>Stipa neomexicana</i>	Dry mesas	5000	7000
<i>Stipa robusta</i>	Open mountain slopes; mixed conifer forests	8000	8500
<i>Streptanthus cordatus</i>	Canyon slopes	6400	6400
<i>Streptopus amplexifolius</i>	Moist canyons	8000	9500
<i>Swertia radiata</i>	Canyon bottoms, mountain slopes, meadows; mixed conifer & spruce-fir forests	8000	10000
<i>Symphoricarpos occidentalis</i>	Along streams	5400	8000
<i>Symphoricarpos oreophilus</i>	Along streams	6500	9000
<i>Symphoricarpos rotundifolius</i>	Rocky slopes	7000	10000
<i>Talinum parviflorum</i>	Rocky mesa	7500	7500
<i>Tamarix gallica</i>	Along the Rio Grande and lower slopes of White Rock Canyon	5400	6500
<i>Tamarix pentandra</i>	Along rivers and streams, moist places, roadsides; juniper grass., pinyon-juniper woodland	5400	6500
<i>Taraxacum laevigatum</i>	Disturbed soil	5400	12000
<i>Taraxacum officinale</i>	Disturbed soils; juniper grassland, mixed conifer and spruce-fir forests	5400	9000
<i>Tetradymia canescens</i>	Mesas, canyons; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Tetradymia canescens</i> var. <i>inermis</i>	Dry mesas	6100	6500
<i>Thalictrum fendleri</i> var. <i>fendleri</i>	Moist canyons, mountain slopes; ponderosa pine and mixed conifer forests	7000	9500
<i>Thelesperma filifolium</i> var. <i>intermedium</i>	Disturbed canyon bottoms and mesas	5900	6600
<i>Thelesperma megapotamicum</i>	Disturbed soil; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Thelesperma trifidum</i>	Disturbed soil	5400	7500
<i>Thelypodium integrifolium</i> var. <i>integrifolium</i>	Damp ground	5400	6500
<i>Thelypodium wrightii</i>	Canyons and mesas; juniper grassland, pinyon-juniper woodland ponderosa forest	5400	7500
<i>Thermopsis montanum</i>	Meadows, forest clearings	7000	10000
<i>Thermopsis pinetorum</i>	Canyon bottoms, mountain slopes; ponderosa pine and mixed conifer forests	7000	9500
<i>Thlaspi alpestre</i>	Canyon bottoms, mountain slopes; ponderosa pine and mixed conifer forests	7000	10000
<i>Torreyochloa pauciflora</i>	Moist canyon bottoms, streamside	6300	6300
<i>Townsendia annua</i>	Dry slopes	9000	11000
Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Townsendia eximia</i>	Meadows and open slopes, partially shaded areas	9000	11000
<i>Townsendia formosa</i>	Open, often moist mountain slopes	7000	9000
<i>Townsendia incana</i>	Canyon bottoms; ponderosa pine forests	7000	7500
<i>Townsendia escapa</i>	Mesa tops; pinyon-juniper woodland	6000	6500
<i>Tragia nepetaefolia</i>	Rocky canyon slopes	5500	5500

Habitat

<i>Tragopogon dubius</i>	Disturbed soil; pinyon-juniper woodland, ponderosa pine and mixed conifer forest	6500	8000
<i>Tragopogon pratensis</i>	Disturbed soil	5400	7000
<i>Trautvetteria grandis</i>	Moist ground near streams	8000	9500
<i>Tribulus terrestris</i>	Disturbed soil	5400	7000
<i>Tridens pulchellus</i>	Dry mesas and hills	5000	5500
<i>Trifolium dasyphyllum</i>	Meadows	10000	10000
<i>Trifolium hybridum</i>	Mountain meadows, disturbed soils; subalpine meadows	9500	10000
<i>Trifolium lacerum</i>	Moist meadows	5500	8000
<i>Trifolium pratense</i>	Mountain meadows, disturbed soil; mixed conifer forests and subalpine meadows	7500	10000
<i>Trifolium procumbens</i>	Disturbed soil	5400	7000
<i>Trifolium repens</i>	Disturbed soil; meadows	5400	8500
<i>Triodanis perfoliata</i>	Disturbed ground moist areas; pinyon-juniper woodland	6500	7500
<i>Trisetum montanum</i>	Meadows	7000	9500
<i>Trisetum spicatum</i>	Mountain meadows	9000	11500
<i>Typha latifolia</i>	Ponded water in canyons;juniper grassland, pinyon-juniper woodland, pine forest	6000	8000
<i>Urtica dioica-procera</i>	Along streams, moist meadows	6000	8500
<i>Urtica gracilentata</i>	Along streams, moist meadows	6500	8000
<i>Urtica gracilis</i>	Along streams, moist meadows	6000	8500
<i>Vaccinium myrtillos</i>	Open and meadows	8000	11000
<i>Valeriana arizonica</i>	Moist canyons, mountain slopes; ponderosa pine and mixed conifer forests	6500	8000
<i>Valeriana capitata subsp. acutiloba</i>	Damp woods	7000	9500
<i>Veratrum californicum</i>	Moist meadows	8000	10500
<i>Verbascum thapsus</i>	Disturbed soils, roadsides	6000	7500
<i>Verbena bipinnatifida</i>	Mesas, slopes	5400	6000
<i>Verbena bracteata</i>	Disturbed soil; pinyon-juniper woodland, ponderosa pine forest	6000	7500
<i>Verbena imbricata</i>	Dry mesas	5400	5500
<i>Verbena macdougallii</i>	Meadows	6500	8000
<i>Verbena wrightii</i>	Rocky slopes, dry canyons; White Rock Canyon	5400	6000
<i>Verbesina encelioides ssp. encelioides</i>	Disturbed soil; pinyon-juniper woodland	5400	6500
<i>Veronica americana</i>	Near streams, springs, weat areas;juniper grass., pinyon-juniper wood. pine & mixed conif.	5400	7500
<i>Veronica arvensis</i>	Shallow water, moist disturbed soil	5400	8000
<i>Veronica peregrina var. xalapensis</i>	Moist places, along streams, marshy areas	6000	8500
<i>Veronica serpyllifolia</i>	Along streams, springs; juniper grassland, pinyon-juniper woodland	5400	6000
<i>Veronica wormskjoldii</i>	Along streams	9000	11000
<i>Viburnum lentago</i>	Along streams	5500	5500
<i>Vicia americana var. americana</i>	Moist canyon bottoms,mountain slopes,meadows;pinyon-juniper woodland,pine , mixed con	6000	9500
<i>Vicia americana var. linearis</i>	Open slopes	7000	10000
<i>Vicia americana var. minor</i>	Sandy soils	5400	6000
<i>Vicia exigua</i>	Canyon bottoms and slopes, periodically flooded by lake waters	5400	6300

Habitat

Species identification	Habitat (5.0.2, 5.1.14)	Min_Elev (5.0.2, 5.1.14)	Max_Elev (5.0.2, 5.1.14)
<i>Vicia leucophaea</i>	Slopes	6000	8000
<i>Viguiera cordifolia</i>	Canyons and dry slopes	5400	5400
<i>Viguiera multiflora</i>	Disturbed soil; pinyon-juniper woodland, ponderosa pine and mixed conifer forest	6500	9000
<i>Viola adunca</i>	Streamsides, moist canyon bottoms; juniper grass., pinyon-juniper wood., pine, mixed conif.	5400	9000
<i>Viola canadensis</i>	Moist canyon bottoms, mountain slopes; mixed conifer forests	7500	10000
<i>Viola nephrophylla</i>	Springs, along streams	5400	9000
<i>Viola pedatifida</i>	Meadows, openings in forests; mixed conifer forests	8000	8500
<i>Vitis arizonica</i> var. <i>arizonica</i>	Canyon walls, along Rio Grande, canyon bottoms; juniper grassland, pinyon-juniper wood.	5400	7000
<i>Vitis vulpina</i>	New streams	5400	6000
<i>Woodsia mexicana</i>	Canyon slopes, on cliffs and boulders	6150	6150
<i>Woodsia oregana</i>	Dry rocky niches	5500	11500
<i>Xanthium strumarium</i> var. <i>canadense</i>	Disturbed soil; riverbanks, juniper grasslands	5400	6000
<i>Yucca angustissima</i>	Mesas, dry canyon sides; juniper grassland, pinyon-juniper woodland	5400	7000
<i>Yucca baccata</i>	Dry canyon sides, mesas; juniper grassland, pinyon-juniper woodland	5400	6500
<i>Yucca glauca</i>	Canyons and mesas	5400	6000
<i>Zinnia grandiflora</i>	Dry mesas	6100	6100
<i>Zygadenus elegans</i>	Moist canyon bottoms, meadows, mountain slopes; mixed conifer and subablpine	8000	10000

APPENDIX C

Wildlife

Species identification	Elk_Cov (5.0.1)	Mule_Deer (5.0.1)	Whitetail (5.0.1)	Antelope (5.0.1)	Upl_Game (5.0.1)	Waterfowl (5.0.1)	Sm_NonG (5.0.1)	Sm_Mam (5.0.1)
Abies concolor	Good	Good						
Abies lasiocarpa var. lasiocarpa	Good	Good			Good		Good	Good
Acer glabrum var. neomexicanum							Good	Good
Acer negundo var. interius			Good				Good	Good
Achillea lanulosa subsp. lanulosa								
Aconitum columbianum								
Actaea arguta var. viridiflora								
Aegilops cylindrica								
Agastache pallidiflora								
Agoseris arizonica								
Agoseris aurantiaca								
Agoseris glauca var. glauca								
Agoseris glauca var. parviflora								
Agrimonia gryposepala								
Agrimonia striata								
Agropyron dasystachyum			Poor					
Agropyron desertorum								
Agropyron latiglume								
Agropyron pseudorepens								
Agropyron repens								
Agropyron smithii			Poor					
Agropyron subsecundum								
Agropyron trachycaulum								
Agrostis alba								
Agrostis exarata			Poor					
Agrostis idahoensis								
Agrostis perennans								
Agrostis scabra								
Agrostis semiverticillata								
Agrostis stolonifera								
Ailanthus altissima								
Allium cernuum var. obtusum			Poor					
Allium geyeri								
Allium macropetalum								
Allium textile			Poor					
Alnus oblongifolia								

APPENDIX C

Wildlife

Alnus tenuifolia	Fair	Good	Poor		Fair		Good	Good
Alopecurus aequalis								
Althaea rosea								
Amaranthus albus								
Amaranthus graecizans								
Amaranthus hybridus								
Amaranthus leucocarpus								

Soils

Species identification	Gr_Gravel (5.0.1)	Gr_Sand (5.0.1)	Gr_SanLoam (5.0.1)	Gr_Loam (5.0.1)	Gr_ClayLo (5.0.1)	Gr_Clay (5.0.1)	Gr_DenCla (5.0.1)
<i>Abies concolor</i>	POOR-Fair	FAIR	GOOD	GOOD	FAIR-Good	POOR-Fair	POOR
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>	POOR-Fair	POOR-Fair	GOOD	Fair-GOOD	FAIR-Good	POOR-Fair	POOR
<i>Acer glabrum</i> var. <i>neomexicanum</i>	Fair-POOR	FAIR	GOOD	GOOD	GOOD	Fair-POOR	POOR
<i>Acer negundo</i> var. <i>interius</i>	Fair-POOR	FAIR	GOOD	GOOD	GOOD	Fair-POOR	POOR
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>							
<i>Aconitum columbianum</i>	POOR-Fair	POOR-Fair	GOOD	GOOD	Fair-GOOD	POOR-Fair	POOR
<i>Actaea arguta</i> var. <i>viridiflora</i>							
<i>Aegilops cylindrica</i>							
<i>Agastache pallidiflora</i>							
<i>Agoseris arizonica</i>							
<i>Agoseris aurantiaca</i>							
<i>Agoseris glauca</i> var. <i>glauca</i>	POOR-Fair	Poor-FAIR	Fair-GOOD	GOOD	GOOD	POOR-Fair	POOR-Fair
<i>Agoseris glauca</i> var. <i>parviflora</i>							
<i>Agrimonia gryposepala</i>							
<i>Agrimonia striata</i>							
<i>Agropyron dasystachyum</i>	POOR-Fair	Fair-GOOD	Fair-GOOD	GOOD	FAIR-Good	POOR-Fair-Good	POOR
<i>Agropyron desertorum</i>	Poor-Fair	Fair	Good	Good	Fair-Good	Poor-Fair	Poor
<i>Agropyron latiglume</i>							
<i>Agropyron pseudorepens</i>							
<i>Agropyron repens</i>	POOR-Fair	POOR-Fair	GOOD	GOOD	GOOD	FAIR-Good	POOR-Fair
<i>Agropyron smithii</i>	POOR	POOR-Fair	FAIR-Good	GOOD	GOOD	Fair-GOOD	FAIR
<i>Agropyron subsecundum</i>							
<i>Agropyron trachycaulum</i>	Poor	Poor-Fair	Good	Good	Good	Fair	Poor
<i>Agrostis alba</i>							
<i>Agrostis exarata</i>	POOR-Fair	FAIR-Good	GOOD	GOOD	Fair-GOOD	POOR&Good	POOR-Fair
<i>Agrostis idahoensis</i>	Fair	Good	Good	Good	Good	Fair	Poor
<i>Agrostis perennans</i>							
<i>Agrostis scabra</i>	Poor	Poor-Fair	Good	Good	Good	Fair	Poor
<i>Agrostis semiverticillata</i>							
<i>Agrostis stolonifera</i>	POOR-Fair	FAIR-Good	GOOD	GOOD	GOOD	FAIR	POOR
<i>Ailanthus altissima</i>							
<i>Allium cernuum</i> var. <i>obtusum</i>	Poor-Fair	Fair	Good	Good	Good	Poor	Poor
<i>Allium geyeri</i>							
<i>Allium macropetalum</i>							
<i>Allium textile</i>	Poor	Fair	Good	Good	Good	Fair-Good	Poor-Fair
<i>Alnus oblongifolia</i>							

Soils

<i>Alnus tenuifolia</i>	POOR-Fair	FAIR	GOOD	GOOD	GOOD	POOR-Fair	POOR
<i>Alopecurus aequalis</i>							
<i>Althaea rosea</i>							
<i>Amaranthus albus</i>							
<i>Amaranthus graecizans</i>							
<i>Amaranthus hybridus</i>							
<i>Amaranthus leucocarpus</i>							
<i>Amaranthus palmeri</i>							

Origins

Species identification	Origin (5.0.2)	Rep_Type (5.0.1)	CO2_Fix (5.0.1)	Troph_St (5.0.1)	Beg_Ant (5.0.1)	Anthesis (5.0.1)	End_Ant (5.0.1)
<i>Abies concolor</i>	Native	Sexual		Autotrophic			
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>	Native	Sexual		Autotrophic			
<i>Acer glabrum</i> var. <i>neomexicanum</i>	Native	Sexual		Autotrophic			
<i>Acer negundo</i> var. <i>interius</i>	Native	Sexual	C3	Autotrophic	April	May	May
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>							
<i>Aconitum columbianum</i>	Native	Sexual		Autotrophic			
<i>Actaea arguta</i> var. <i>viridiflora</i>							
<i>Aegilops cylindrica</i>	Introduced	Sexual	C3	Autotrophic			
<i>Agastache pallidiflora</i>	Native	Sexual		Autotrophic			
<i>Agoseris arizonica</i>							
<i>Agoseris aurantiaca</i>	Native	Sexual		Autotrophic			
<i>Agoseris glauca</i> var. <i>glauca</i>	Native	Sexual	C3	Autotrophic	May	August	September
<i>Agoseris glauca</i> var. <i>parviflora</i>							
<i>Agrimonia gryposepala</i>	Native	Vegetative-Sexual		Autotrophic			
<i>Agrimonia striata</i>	Native	Vegetative-Sexual		Autotrophic			
<i>Agropyron dasystachyum</i>	Native	Vegetative-Sexual		Autotrophic	June		August
<i>Agropyron desertorum</i>	Introduced	Sexual	C3	Autotrophic	June	July	August
<i>Agropyron latiglume</i>							
<i>Agropyron pseudorepens</i>							
<i>Agropyron repens</i>	Introduced	Sexual	C3	Autotrophic	June		August
<i>Agropyron smithii</i>						June	August
<i>Agropyron subsecundum</i>	Native	Vegetative-Sexual	C3	Autotrophic			
<i>Agropyron trachycaulum</i>	Native	Vegetative-Sexual	C3	Autotrophic			
<i>Agrostis alba</i>							
<i>Agrostis exarata</i>	Native	Vegetative-Sexual		Autotrophic	July		August
<i>Agrostis idahoensis</i>	Native	Sexual		Autotrophic	July	August	
<i>Agrostis perennans</i>	Introduced	Sexual	C3	Autotrophic			
<i>Agrostis scabra</i>	Native	Sexual	C3	Autotrophic	July	August	
<i>Agrostis semiverticillata</i>	Introduced	Vegetative-Sexual		Autotrophic			
<i>Agrostis stolonifera</i>	Introduced		C3	Autotrophic	June		September
<i>Ailanthus altissima</i>	Introduced	Vegetative-Sexual	C3	Autotrophic			
<i>Allium cernuum</i> var. <i>obtusum</i>	Native	Vegetative-Sexual	C3	Autotrophic	May	July	September
<i>Allium geyeri</i>	Native	Vegetative-Sexual		Autotrophic			
<i>Allium macropetalum</i>	Native	Vegetative-Sexual		Autotrophic			
<i>Allium textile</i>	Native	Vegetative-Sexual	C3	Autotrophic	May	June	August
<i>Alnus oblongifolia</i>							

Origins

<i>Alnus tenuifolia</i>	Native	Sexual		Autotrophic	May	June	August
<i>Alopecurus aequalis</i>	Native	Sexual	C3	Autotrophic			
<i>Althaea rosea</i>	Introduced	Sexual		Autotrophic			
<i>Amaranthus albus</i>	Introduced	Sexual	C4	Autotrophic			
<i>Amaranthus graecizans</i>							
<i>Amaranthus hybridus</i>	Native	Sexual	C4	Autotrophic			
<i>Amaranthus leucocarpus</i>							

Wetlands and Distribution

Species identification	National Wetland List (5.6.1)	N.M. Wetland List (5.6.1)	Disturbed Sites	Disturbance References	Comments on Disturbed Sites Growth
<i>Abies concolor</i>			Y	Vale (1981) (5.6.60)	Early invader
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>	Upland, FAC	FACU (+)			
<i>Acer glabrum</i> var. <i>neomexicanum</i>	FACU, FAC	FAC	Y	Klinka et al. (1989) (5.6.34)	Inhabits primary succession habitats
<i>Acer negundo</i> var. <i>interius</i>	FAC, FACW	FACW (-)			
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>			Y	Klinka et al. (1989) (5.6.34)	Characteristic of disturbed sites
<i>Aconitum columbianum</i>	FACW	FACW			
<i>Actaea arguta</i> var. <i>viridiflora</i>					
<i>Aegilops cylindrica</i>					
<i>Agastache pallidiflora</i>					
<i>Agoseris arizonica</i>					
<i>Agoseris aurantiaca</i>	FACU, FAC	FAC			
<i>Agoseris glauca</i> var. <i>glauca</i>	FACU, FAC	FAC	Y	Russell (1985) (5.6.48)	Frequent occurrence on revegetated coal-mines
<i>Agoseris glauca</i> var. <i>parviflora</i>			Y	Russell (1985) (5.6.48)	Frequent occurrence on revegetated coal-mines
<i>Agrimonia gryposepala</i>	FACU, FACW (-)	FACW (-)			
<i>Agrimonia striata</i>	FACU (-), FAC	FAC (-)			
<i>Agropyron dasystachyum</i>	Upland, FAC	FAC	Y	Jastrow et al. (1984) (5.6.30); Sindelar (1984) (5.6.52); Eddleman (1984) (5.6.19)	Did well in mixed community on revegetated mined-soil
<i>Agropyron desertorum</i>					
<i>Agropyron latiglume</i>			Y	Russell (1985) (5.6.48)	Abundant occurrence on revegetated coal-mines
<i>Agropyron pseudorepens</i>					
<i>Agropyron repens</i>	Upland, FAC	FACU (-)	Y	Russell (1985) (5.6.48)	Frequent occurrence on revegetated coal-mines
<i>Agropyron smithii</i>	Upland, FAC (-)	FAC (-)	Y	Pinchak et al. (1985) (5.6.45); Brand & Goetz (1986) (5.6.10); Jastrow et al. (1984) (5.6.30); Sindelar (1984) (5.6.52)	Dominant species in mined area; Does better on grazed land; Did well in mixed community on mined soils; Good invader on mined soils
<i>Agropyron subsecundum</i>			Y	Russell (1985) (5.6.48)	Frequent occurrence on revegetated coal-mines
<i>Agropyron trachycaulum</i>	FACU, FAC	FAC	Y	Russell (1985) (5.6.48)	Abundant occurrence on revegetated coal-mines
<i>Agrostis alba</i>	FACW, OBLW	FACW (+)			
<i>Agrostis exarata</i>	FACW	FACW			
<i>Agrostis idahoensis</i>		FAC, FACW			

Wetlands and Distribution

Agrostis perennans	FACU, FACW	FAC			
Agrostis scabra	FAC, FAC (+)	FAC			
Agrostis semiverticillata	FACW, OBLW	FACW (+)			
Agrostis stolonifera	FAC (+), FACW	Not Indicated			
Ailanthus altissima	FACU	FACU			

Revegetation

Species identification	Potential Biomass (5.0.1)	Gentle Slopes (5.0.1)	Moderate Slopes (5.0.1)	Steep Slopes (5.0.1)	Erosion Control (5.0.1)	Establishment Requirements (5.0.1)	Short-term Revegetation (5.0.1)	Long-term Revegetation (5.0.1)
<i>Abies concolor</i>	Medium	Good	Good	Good	High	Medium	Low	High
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>	Medium	Good	Good	Good	High	Medium	Low	High
<i>Acer glabrum</i> var. <i>neomexicanum</i>	Medium	Good	Good	Fair	Medium			
<i>Acer negundo</i> var. <i>interius</i>	Medium	Good	Fair	Poor	Medium			
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>								
<i>Aconitum columbianum</i>	Medium	Good	Good	Fair	Medium			
<i>Actaea arguta</i> var. <i>viridiflora</i>								
<i>Aegilops cylindrica</i>								
<i>Agastache pallidiflora</i>								
<i>Agoseris arizonica</i>								
<i>Agoseris aurantiaca</i>								
<i>Agoseris glauca</i> var. <i>glauca</i>	Low	Good	Good	Poor	Low			
<i>Agoseris glauca</i> var. <i>parviflora</i>								
<i>Agrimonia gryposepala</i>								
<i>Agrimonia striata</i>								
<i>Agropyron dasystachyum</i>	Medium	Good	Good	Fair	High	Medium	Medium	High
<i>Agropyron desertorum</i>		Good	Good	Fair		Medium	Medium	High
<i>Agropyron latiglume</i>								
<i>Agropyron pseudorepens</i>								
<i>Agropyron repens</i>								
<i>Agropyron smithii</i>	High	Good	Good	Fair	High	Medium	Medium	High
<i>Agropyron subsecundum</i>								
<i>Agropyron trachycaulum</i>		Good	Good	Fair				
<i>Agrostis alba</i>								
<i>Agrostis exarata</i>	Low	Good	Fair	Poor	Medium			
<i>Agrostis idahoensis</i>		Good	Good	Fair				
<i>Agrostis perennans</i>								
<i>Agrostis scabra</i>		Good	Good	Poor				
<i>Agrostis semiverticillata</i>								
<i>Agrostis stolonifera</i>	Medium	Good	Fair	Poor	High	Medium	Medium	High
<i>Ailanthus altissima</i>								
<i>Allium cernuum</i> var. <i>obtusum</i>		Good	Good	Fair				
<i>Allium geoyeri</i>								
<i>Allium macropetalum</i>								
<i>Allium textile</i>		Good	Good	Fair				

Revegetation

Alnus oblongifolia								
Alnus tenuifolia	Medium	Good	Good	Poor	Medium			
Alopecurus aequalis								

Fire and Flood

Species identification	Associated with fire	Fire Reference	Fire Comments	Flooded Areas	Flood References	Flood Comments
<i>Abies concolor</i>	Y	Thomas & Agee (1986) (5.6.56)	Does well in post-fire succession			
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>						
<i>Acer glabrum</i> var. <i>neomexicanum</i>						
<i>Acer negundo</i> var. <i>interius</i>						
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>						
<i>Aconitum columbianum</i>						
<i>Actaea arguta</i> var. <i>viridiflora</i>						
<i>Aegilops cylindrica</i>						
<i>Agastache pallidiflora</i>						
<i>Agoseris arizonica</i>						
<i>Agoseris aurantiaca</i>						
<i>Agoseris glauca</i> var. <i>glauca</i>						
<i>Agoseris glauca</i> var. <i>parviflora</i>						
<i>Agrimonia grypsossepala</i>						
<i>Agrimonia striata</i>						
<i>Agropyron dasystachyum</i>						
<i>Agropyron desertorum</i>						
<i>Agropyron latiglume</i>						
<i>Agropyron pseudorepens</i>						
<i>Agropyron repens</i>						
<i>Agropyron smithii</i>						
<i>Agropyron subsecundum</i>						
<i>Agropyron trachycaulum</i>				Y	Ganskopp (1986) (5.6.22)	Does poorly under flooded conditions
<i>Agrostis alba</i>						
<i>Agrostis exarata</i>						
<i>Agrostis idahoensis</i>						
<i>Agrostis perennans</i>						
<i>Agrostis scabra</i>						
<i>Agrostis semiverticillata</i>						
<i>Agrostis stolonifera</i>						
<i>Ailanthus altissima</i>						
<i>Allium cernuum</i> var. <i>obtusum</i>						
<i>Allium geyeri</i>						
<i>Allium macropetalum</i>						

Fire and Flood

Allium textile						
Alnus oblongifolia						
Alnus tenuifolia						
Alopecurus aequalis						
Althaea rosea						
Amaranthus albus						
Amaranthus graecizans						

Roots, Economic, & Old Field

Species identification	Mycorrhizal (5.0.1)	Nod_Form (5.0.1)	Nit_Fix (5.0.1)	Hayfever (5.0.1)	Edible (5.0.1)	Weediness (5.0.1)	Oldfields	Oldfield References	Oldfield Comments
<i>Abies concolor</i>	Ectomycorrhizal			No		Non-weedy			
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>	Ecotmycorrhizal	No	No	No		Non-weedy			
<i>Acer glabrum</i> var. <i>neomexicanum</i>				Yes		Non-weedy			
<i>Acer negundo</i> var. <i>interius</i>	Endomycorrhizal	Possible	Maybe	Yes					
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>	Endomycorrhizal	No	No			Economic			
<i>Aconitum columbianum</i>					Poison	Non-weedy			
<i>Actaea arguta</i> var. <i>viridiflora</i>									
<i>Aegilops cylindrica</i>						Noxious-CO			
<i>Agastache pallidiflora</i>						Non-weedy			
<i>Agoseris arizonica</i>									
<i>Agoseris aurantiaca</i>					Yes- Qualified	Non-weedy			
<i>Agoseris glauca</i> var. <i>glauca</i>	Endomycorrhizal			No		Non-weedy			
<i>Agoseris glauca</i> var. <i>parviflora</i>									
<i>Agrimonia gryposepala</i>						Non-weedy			
<i>Agrimonia striata</i>						Non-weedy			
<i>Agropyron dasystachyum</i>	Endomycorrhizal	No		Yes		Non-weedy			
<i>Agropyron desertorum</i>						Colonizing			
<i>Agropyron latiglume</i>									
<i>Agropyron pseudorepens</i>									
<i>Agropyron repens</i>		No	No	Yes	Yes	Noxious- All_States			
<i>Agropyron smithii</i>	Endomycorrhizal	No	No	Yes		Non-weedy			
<i>Agropyron subsecundum</i>									
<i>Agropyron trachycaulum</i>				Yes		Non-weedy	Y	Jastrow et al. (1984) (5.6.30)	Dominant on old fields with sandy soils
<i>Agrostis alba</i>									
<i>Agrostis exarata</i>						Non-weedy			
<i>Agrostis idahoensis</i>						Non-weedy			
<i>Agrostis perennans</i>				Maybe		Non-weedy			
<i>Agrostis scabra</i>		No	No			Colonizing			
<i>Agrostis semiverticillata</i>						Colonizing			
<i>Agrostis stolonifera</i>	Endomycorrhizal		No	Yes		Non-weedy			
<i>Ailanthus altissima</i>	Endomycorrhizal			Yes	Poison	Colonizing			
<i>Allium cernuum</i> var. <i>obtusum</i>					Yes	Economic			

Roots, Economic, & Old Field

Allium geyeri					Yes	Economic			
Allium macropetalum						Economic			
Allium textile					Yes	Economic			
Alnus oblongifolia									
Alnus tenuifolia	Ectomycorrhizal	Reported	Yes	Yes		Non-weedy			
Alopecurus aequalis				Yes		Non-weedy			

Native American Tribal Use

Species identification	Zuni	Navajo	Tewa	Hopi	Cochiti	Isleta	Mes_Apache	Acoma	Jemez	Other
<i>Abies concolor</i>								Y		
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>										
<i>Acer glabrum</i> var. <i>neomexicanum</i>						Y				
<i>Acer negundo</i> var. <i>interius</i>								Y		
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>	Y	Y			Y					
<i>Aconitum columbianum</i>										
<i>Actaea arguta</i> var. <i>viridiflora</i>										
<i>Aegilops cylindrica</i>										
<i>Agastache pallidiflora</i>										
<i>Agoseris arizonica</i>										
<i>Agoseris aurantiaca</i>										
<i>Agoseris glauca</i> var. <i>glauca</i>										
<i>Agoseris glauca</i> var. <i>parviflora</i>										
<i>Agrimonia gryposepala</i>										
<i>Agrimonia striata</i>										
<i>Agropyron dasystachyum</i>										
<i>Agropyron desertorum</i>										
<i>Agropyron latiglume</i>										
<i>Agropyron pseudorepens</i>										
<i>Agropyron repens</i>										
<i>Agropyron smithii</i>								Y		
<i>Agropyron subsecundum</i>							Y			
<i>Agropyron trachycaulum</i>										
<i>Agrostis alba</i>										
<i>Agrostis exarata</i>										
<i>Agrostis idahoensis</i>										
<i>Agrostis perennans</i>										
<i>Agrostis scabra</i>										
<i>Agrostis semiverticillata</i>										
<i>Agrostis stolonifera</i>										
<i>Ailanthus altissima</i>										
<i>Allium cernuum</i> var. <i>obtusum</i>								Y	Y	

Medicines and Dyes

Species identification	Medicine	Tribe Using	Medicine Comment	Medicine Reference	Dye	Tribe Using	Dye Comment	Dye Reference
<i>Abies concolor</i>								
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>								
<i>Acer glabrum</i> var. <i>neomexicanum</i>								
<i>Acer negundo</i> var. <i>interius</i>								
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>	Y	Navajo; Cochiti	Used as an universal tonic; Used as a cure for chills	Elmore (1943) (5.7.3); Goldfink (1927)				
<i>Aconitum columbianum</i>								
<i>Actaea arguta</i> var. <i>viridiflora</i>								
<i>Aegilops cylindrica</i>								
<i>Agastache pallidiflora</i>								
<i>Agoseris arizonica</i>								
<i>Agoseris aurantiaca</i>								
<i>Agoseris glauca</i> var. <i>glauca</i>								
<i>Agoseris glauca</i> var. <i>parviflora</i>								
<i>Agrimonia gryposepala</i>								
<i>Agrimonia striata</i>								
<i>Agropyron dasystachyum</i>								
<i>Agropyron desertorum</i>								
<i>Agropyron latiglume</i>								
<i>Agropyron pseudorepens</i>								
<i>Agropyron repens</i>								
<i>Agropyron smithii</i>								
<i>Agropyron subsecundum</i>								
<i>Agropyron trachycaulum</i>								
<i>Agrostis alba</i>								
<i>Agrostis exarata</i>								
<i>Agrostis idahoensis</i>								
<i>Agrostis perennans</i>								
<i>Agrostis scabra</i>								
<i>Agrostis semiverticillata</i>								
<i>Agrostis stolonifera</i>								
<i>Ailanthus altissima</i>								
<i>Allium cernuum</i> var. <i>obtusum</i>	Y	Jemez	Mild stimulant; Used for sore throat	Cook (1930) (5.7.2)				

Medicines and Dyes

Allium geyeri								
Allium macropetalum								
Allium textile								
Alnus oblongifolia								
Alnus tenuifolia					Y	Navajo; Acoma	Used for reddish dye (mixed with Cercocarpus montanus); Same, used on buckskin	Swank (1932) (5.7.7)
Alopecurus aequalis								

Construction and Weapons

Species identification	Construction	Tribe Using	Construction Comments	Construction References	Weapons	Tribe Using	Weapons Comments	Weapons References
<i>Abies concolor</i>								
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>								
<i>Acer glabrum</i> var. <i>neomexicanum</i>					Y	Isleta	Used to make bows	Jones (1931) (5.7.3)
<i>Acer negundo</i> var. <i>interius</i>								
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>								
<i>Aconitum columbianum</i>								
<i>Actaea arguta</i> var. <i>viridiflora</i>								
<i>Aegilops cylindrica</i>								
<i>Agastache pallidiflora</i>								
<i>Agoseris arizonica</i>								
<i>Agoseris aurantiaca</i>								
<i>Agoseris glauca</i> var. <i>glauca</i>								
<i>Agoseris glauca</i> var. <i>parviflora</i>								
<i>Agrimonia gryposepala</i>								
<i>Agrimonia striata</i>								
<i>Agropyron dasystachyum</i>								
<i>Agropyron desertorum</i>								
<i>Agropyron latiglume</i>								
<i>Agropyron pseudorepens</i>								
<i>Agropyron repens</i>								
<i>Agropyron smithii</i>								
<i>Agropyron subsecundum</i>								
<i>Agropyron trachycaulum</i>								
<i>Agrostis alba</i>								
<i>Agrostis exarata</i>								
<i>Agrostis idahoensis</i>								
<i>Agrostis perennans</i>								
<i>Agrostis scabra</i>								
<i>Agrostis semiverticillata</i>								
<i>Agrostis stolonifera</i>								
<i>Ailanthus altissima</i>								
<i>Allium cernuum</i> var. <i>obtusum</i>								
<i>Allium geyeri</i>								
<i>Allium macropetalum</i>								
<i>Allium textile</i>								

Household Use and Poisons

Species identification	Household	Tribe Using	Household Comments	Household References	Poison	Tribe Using	Poison Comments	Poison References
<i>Abies concolor</i>	Y	Acoma	Used as decoration in homes	Swank (1932) (5.7.7)				
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>								
<i>Acer glabrum</i> var. <i>neomexicanum</i>								
<i>Acer negundo</i> var. <i>interius</i>								
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>								
<i>Aconitum columbianum</i>								
<i>Actaea arguta</i> var. <i>viridiflora</i>					Y		Poison from fruits and rootstalks acts on heart	
<i>Aegilops cylindrica</i>								
<i>Agastache pallidiflora</i>								
<i>Agoseris arizonica</i>								
<i>Agoseris aurantiaca</i>								
<i>Agoseris glauca</i> var. <i>glauca</i>								
<i>Agoseris glauca</i> var. <i>parviflora</i>								
<i>Agrimonia gryposepala</i>								
<i>Agrimonia striata</i>								
<i>Agropyron dasystachyum</i>								
<i>Agropyron desertorum</i>								
<i>Agropyron latiglume</i>								
<i>Agropyron pseudorepens</i>								
<i>Agropyron repens</i>								
<i>Agropyron smithii</i>	Y	Acoma	Used to prevent worm damage to melon plants, and to make the melons sweeter	Swank (1932) (5.7.7)				
<i>Agropyron subsecundum</i>	Y	Mescalero Apache	Used as nutrition source for horses	Castetter & Opler (5.7.1)				
<i>Agropyron trachycaulum</i>								
<i>Agrostis alba</i>								
<i>Agrostis exarata</i>								
<i>Agrostis idahoensis</i>								
<i>Agrostis perennans</i>								
<i>Agrostis scabra</i>								
<i>Agrostis semiverticillata</i>								
<i>Agrostis stolonifera</i>								
<i>Ailanthus altissima</i>								

Household Use and Poisons

Allium cernuum var. obtusum							
Allium geyeri							
Allium macropetalum							
Alnus tenuifolia	Y	Zuni	Used to decorate deerskin, and for games	Stevenson (1909) (5.7.6)			

Ceremonial Uses and Food

Species identification	Ceremonia l	Tribe Using	Ceremonial Comment	Ceremonial Reference	Edible	Tribe Using	Edible Comment	Edible Reference
<i>Abies concolor</i>	Y	Acoma	Used as decoration for dances	Swank (1932) (5.7.7)				
<i>Abies lasiocarpa</i> var. <i>lasiocarpa</i>								
<i>Acer glabrum</i> var. <i>neomexicanum</i>								
<i>Acer negundo</i> var. <i>interius</i>	Y	Acoma	Used for prayer sticks	Swank (1932) (5.7.7)				
<i>Achillea lanulosa</i> subsp. <i>lanulosa</i>	Y	Zuni	Used in fire ceremonies	Stevenson (1909) (5.7.6)				
<i>Aconitum columbianum</i>								
<i>Actaea arguta</i> var. <i>viridiflora</i>								
<i>Aegilops cylindrica</i>								
<i>Agastache pallidiflora</i>								
<i>Agoseris arizonica</i>								
<i>Agoseris aurantiaca</i>								
<i>Agoseris glauca</i> var. <i>glauca</i>								
<i>Agoseris glauca</i> var. <i>parviflora</i>								
<i>Agrimonia gryposepala</i>								
<i>Agrimonia striata</i>								
<i>Agropyron dasystachyum</i>								
<i>Agropyron desertorum</i>								
<i>Agropyron latiglume</i>								
<i>Agropyron pseudorepens</i>								
<i>Agropyron repens</i>								
<i>Agropyron smithii</i>								
<i>Agropyron subsecundum</i>					Y	Mescalero Apache	Tubers eaten raw and with meat	Castetter & Opler (5.7.1)
<i>Agropyron trachycaulum</i>								
<i>Agrostis alba</i>								
<i>Agrostis exarata</i>								
<i>Agrostis idahoensis</i>								
<i>Agrostis perennans</i>								
<i>Agrostis scabra</i>								
<i>Agrostis semiverticillata</i>								
<i>Agrostis stolonifera</i>								
<i>Ailanthus altissima</i>								

Ceremonial Uses and Food

Allium cernuum var. obtusum					Y	Jemez; Acoma	Added to meat; Bulbs eaten	Cook (1930) (5.7.2); Swank (1932) (5.7.7)
Allium geyeri								
Allium macropetalum								
Althaea rosea	Y	Acoma	Used by racers to make them "speedy"	Swank (1932) (5.7.7)				