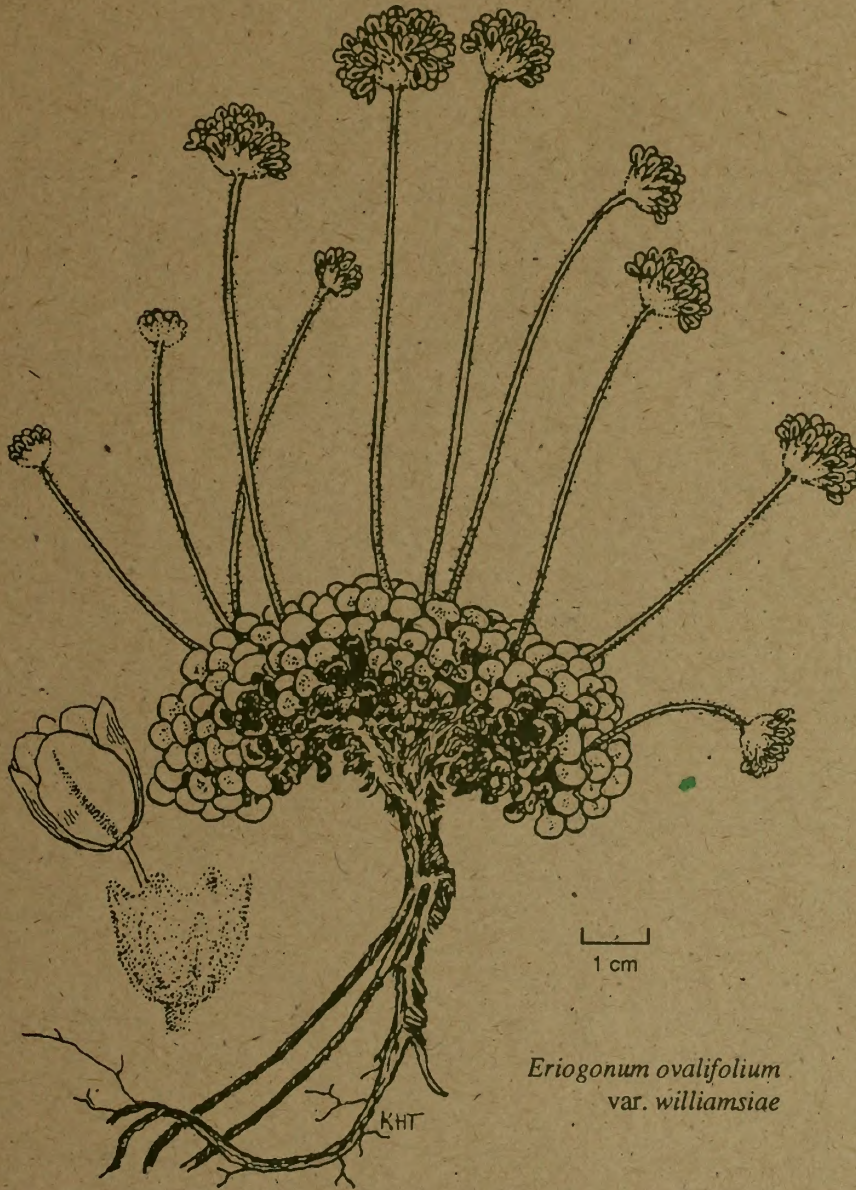


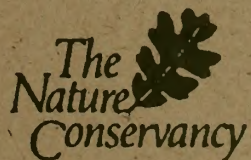


EROD, THREATENED, AND SENSITIVE VASCULAR PLANTS OF NEVADA



Eriogonum ovalifolium
var. *williamsiae*

DECEMBER 1991



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ID 88025223

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1992

**ENDANGERED, THREATENED, AND SENSITIVE
VASCULAR PLANTS OF NEVADA**

December, 1991

a cooperative project of

**The Nevada Natural Heritage Program
The Northern Nevada Native Plant Society
The Nevada State Museum
The Nevada Department of Conservation and Natural Resources
U.S. Department of the Interior, Bureau of Land Management
U.S. Department of the Interior, Fish and Wildlife Service
U.S. Department of Agriculture, Forest Service
The Nature Conservancy**

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**Published by the Nevada State Office of the Bureau of Land Management, Reno.
February, 1992**

Cover: Steamboat buckwheat, *Eriogonum ovalifolium* Nutt. var. *williamsiae* Reveal, named for Margaret Williams, co-founder and Executive Director of the Northern Nevada Native Plant Society, to whom this edition is dedicated for her ongoing work in promoting the conservation and appreciation of the Nevada flora. Illustration (c) Kaye H. Thorne, used with permission.

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ACKNOWLEDGMENTS

Special thanks go to Margaret Williams, Executive Director, Northern Nevada Native Plant Society (NNNPS), and Ann Pinzl, Curator of Natural History, Nevada State Museum, for their pioneering work in compiling the data on Nevada's sensitive plants which led eventually to this volume, and to them and especially Arnold Tiehm, NNNPS, for gathering and freely providing many of these data during their extensive botanical explorations of Nevada.

Thanks also to all past participants in the sensitive plant workshops held by the NNNPS Rare Plant Committee, during which this booklet is updated. In addition to the above, participants in the April 1991 meeting included (acronyms defined below): Gary Schoolcraft and Roy Price (BLM, Susanville and Elko), John Brack, Bud Henderson, Dave Weixelman and Ken Genz (Toiyabe National Forest, Tonopah and Sparks), Randy McNatt (USFWS), Lynda Nelson (May Arboretum), Belinda

Love and Elise Jones (Herbarium, University of Nevada, Reno), Dan Greytak (Nevada Division of Forestry), and Jan Nachlinger (TNC, NNNPS). These and many other individuals and organizations, too numerous to include here, have generously contributed data over the years; some are commemorated among the plant names herein.

The curators of the following herbaria generously provided access to the data contained in their collections: Nevada State Museum (NSMC), University of Nevada, Las Vegas (UNLV) and Reno (NESH, RENO), Brigham Young University (BRY), Intermountain Herbarium, Utah State University (UTC), Rocky Mountain Herbarium, University of Wyoming (RM), The New York Botanical Garden (NY), University of California, Berkeley (UC), Northern Arizona University, Flagstaff (ASC), Rancho Santa Ana Botanic Garden (POM, RSA), and Austin Ranger District, Toiyabe National Forest, Austin.

INTRODUCTION

Though regarded by many as monotonous desert, the State of Nevada has one of the more diverse landscapes and associated floras in the United States. Most of the state occupies the Great Basin, with its many high montane islands, intervening desert valleys, isolated wetlands, and diverse rock and soil types. Adding to this diversity are portions of the Mojave Desert covering the southern third of the state, the Columbia Plateau along the northern border, and a small wedge of the Sierra Nevada and Californian flora around Lake Tahoe in the western corner.

This diversity of isolated habitats leads to many rare and isolated species. In 1988, The Nature Conservancy (TNC) ranked Nevada sixth in the nation in number of sensitive plant species, behind California, Hawaii, Texas, Florida, and Utah. At the same time, Nevada urban areas are among the fastest growing in the nation, resulting in greatly increased pressure on habitat and water resources for sensitive species.

These pressures have already resulted in listing of eight vascular plants in Nevada as endangered or threatened by the U.S. Fish and Wildlife Service (USFWS). Seven of these are endemic to Ash Meadows in southern Nye County, and have been under pressure from agricultural development and water diver-

sions. The eighth, Steamboat buckwheat (*Eriogonum ovalifolium* var. *williamsiae*), is narrowly endemic to sinter soils around hot springs on the southern margin of Reno.

In 1984, The Nature Conservancy purchased 12,613 acres in Ash Meadows to preserve habitat for the species listed there. This land has now been transferred to the USFWS as part of the Ash Meadows National Wildlife Refuge. TNC is also attempting to negotiate an agreement to preserve habitat for the Steamboat buckwheat. State and Federal agencies are beginning to manage other sensitive species in order to reduce the need for further listings.

Through activities associated with animal husbandry, mining, and post-disturbance re-seeding, many areas of rural Nevada have been both accidentally and intentionally revegetated with Eurasian species, particularly crested wheatgrass (*Agropyron cristatum*), halogeton (*Halogeton glomeratus*), cheat grass (*Bromus tectorum*) and Russian thistle (*Salsola* spp.). Russian olive (*Elaeagnus angustifolius*) and several species of Tamarisk (*Tamarix*) are aggressively invading wetland areas, depriving native species of water. These exotic species represent serious threats to habitat for native plants in Nevada.

PURPOSES

This list identifies the vascular plants now in greatest jeopardy of extinction in Nevada, and provides a summary of their current status for use by planners, surveyors, land managers, developers, the scientific community, and the general public. This biennial edition is based on the current contents of the

Nevada Natural Heritage Program database, the most recent Federal Register listings by the U.S. Fish and Wildlife Service (55 FR 6184; 21 February 1990), and information received at the 11 April 1991 sensitive plant workshop of the NNNPS Rare Plant Committee.

SENSITIVE PLANT PROGRAMS IN NEVADA

Northern Nevada Native Plant Society (NNNPS)

Although the Endangered Species Act became law in 1973, Nevada's first compilation of rare plants appeared in the Smithsonian "red" book on 1 July 1975. In the spring of 1975, NNNPS was organized with "... the express purpose of bringing together all those who share an interest in the wild plants of Nevada ... so that they may make a major contribution to important conservation efforts." (*Mentzelia* 1:1, 1975.) A Plant Inventory Committee was designated with "... the hope that an accurate list of rare and endangered species may be prepared."

From the first volume of *Mentzelia*, the quest to know Nevada's unique plants began as the voluntary task of NNNPS members sharing an enthusiasm for the state's flora. Based on the original Smithsonian list, about 250 taxa were considered rare in Nevada. Many people were interested in seeing these plants, with NNNPS co-founder Margaret Williams taking the lead. Over many miles and many mountains Margaret, with her husband Loring, Reno botanist Arnold Tiehm, and many other friends, crisscrossed the state to rediscover each species. Each "find" was marked in the Nevada atlas of highway maps. Thus Margaret's personal travel journal became the prototype for rare plant record-keeping in Nevada.

Nevada's first rare plant workshop was held in Reno on 23-25 February 1978 to discuss the Endangered Species Act and the state's list. The meeting was coordinated by Dr. Duane Atwood, then Staff Botanist with the U.S. Fish and Wildlife Service, and reflected an interagency sponsorship. The 57 participants included 43 from various western state and federal agencies, 8 from universities, and 5 NNNPS members. The product of this workshop, an formal Nevada list, appeared in the July-August 1978 NNNPS Newsletter. Since then, annual or biennial meetings have convened to revise the Nevada list, with updated versions published in the Newsletter or available separately through the Society.

Three innovations were adopted at the workshop. First, the NNNPS Rare Plant Committee was formed to review, update, and revise the list. Second, the participants agreed to centralize all rare species data at the Nevada State Museum, with Ann Pinzl, Curator of Natural History, serving as the first Committee Chair. Margaret's map atlas and journal served as the primer for record-keeping at the Museum. Ann produced eight revisions from 1978 to 1986, with map sheets distributed through the generosity of the Museum. Third, the group agreed to and encouraged adoption of the NNNPS recommen-

dations by Federal and State listing agencies. Inspired by Dr. James Reveal, noted University of Maryland *Eriogonum* expert, the Nevada Division of Forestry began formally listing plants under NRS 527.260-.300.

While many initial records were based on Margaret Williams' explorations, contributions came from many botanists. A search of western herbaria was funded by federal agencies in 1978. Ken Genz (Toiyabe National Forest) and Duane Atwood supplied hundreds of entries from this massive search. These and previous efforts culminated in publication of *Threatened and Endangered Plants of Nevada, An Illustrated Manual* by Hugh N. Mozingo, Curator of the University of Nevada, Reno herbarium, and Margaret Williams, NNNPS President and Executive Director (U.S. Department of the Interior, Fish and Wildlife Service and Bureau of Land Management, May 1980). This first book on Nevada's rare flora was beautifully illustrated by Jeanne Janish, Peggy Duke, and others, and remains a useful (though dated) resource.

In the 1970s and early 1980s, collection of rare plant data was geographically driven by, for example, the proposed MX missile project, floristic inventories in southern and central Nevada (Ackerman, Beatley, Cochrane, Holland, Niles, Reveal, and Swearingen), and the work of agency botanists in north-central Nevada (Goodrich, Lewis, and Yoder-Williams). In 1987 John T. Kartesz, now of the North Carolina Botanical Garden, compiled these geographic data into a massive, yet-unpublished dissertation, *A Flora of Nevada*. Many new species and sites have been discovered by botanists associated with the *Intermountain Flora* project, among the most thorough and prolific of whom has been Arnold Tiehm. A shift to species-driven data collection occurred in the mid-1980s, with emphasis on site and taxon verification, status reports, and attempts to locate new sites.

The NNNPS Rare Plant Committee continues to flourish through group effort. Participation is voluntary and open to anyone. Participants convene every 1-2 years to evaluate and update Nevada's list of sensitive plants, their threats, population dynamics, and other concerns. Consensus is reached on a species-by-species basis with recommendations made to expedite revision and implementation of State and Federal Laws. Since 1986, the committee Chair has been held by the Nevada Natural Heritage Program Botanist, who has revised and collated each updated list. Printing and mailing costs have been donated by the Nevada Division of Forestry.

Nevada Division of Forestry (NDF)

Nevada state law established in 1969 (NRS 527.260-.300) provides "a program for the conservation, protection, restoration and propagation of selected species of flora and for the

perpetuation of the habitats of such species." It permits the State Forester Firewarden (SFF) to list native plant taxa as "threatened with extinction", and prohibits removal or destruc-

SENSITIVE VASCULAR PLANTS OF NEVADA

tion of such species except by special permit from the SFF. The most recent Critically Endangered Species List, issued 2 November 1987, contains 21 plant taxa (Appendix 1). State law also makes it unlawful to ". . . cut, destroy, mutilate, remove, or

U.S. Fish and Wildlife Service (USFWS)

The USFWS is responsible for implementation of the Endangered Species Act (16 USC 1531 *et seq.*, as amended). This Act protects listed and candidate Threatened or Endangered plants and animals (see federal categories below). The Secretary of the Interior is authorized to develop and implement recovery

Department of the Interior, Bureau of Land Management (BLM)

BLM policy provides for conservation of Threatened and Endangered species mainly via conservation management of the lands and ecosystems supporting them (BLM Manual, chapter 6840). Policy also requires similar management of candidate and other sensitive species so as not to contribute to the need to list these species as Threatened or Endangered. Eighty-five percent of Nevada lands are federally managed (more than in any other state but Alaska); and BLM administers 80% of

Department of Agriculture, U.S. Forest Service (USFS)

Department Regulation 9500-4 requires the USFS to maintain, at least, viable populations of all existing plants and animals on Forest lands, and to avoid actions that could result in federal listing of any species. Forest Service Manual sect. 2670 directs Regional Foresters to establish programs to identify sensitive species in each region, and to manage these species to ensure their viability.

Nevada Natural Heritage Program (NVNHP)

The NVNHP was established by TNC in January 1986 to serve as the state's clearinghouse for sensitive species data. Its ongoing mission is to compile, analyze, and disseminate data from all sources on occurrences of endangered, threatened, and sensitive plants, animals, and unique communities throughout Nevada. Sources of information include museum specimens, field surveys conducted by the NVNHP, biologists working with federal and state agencies, the Northern Nevada Native Plant Society, private consultants and other knowledgeable individuals, and published and unpublished literature. The data are maintained in comprehensive computer and manual files, and are available to all interested parties.

possess any Christmas [evergreen] tree, cactus [Cactaceae], yucca [*Yucca*] or branches thereof . . ." from state, county, or private lands without permission from the SFF (NRS 527.060-.120).

plans for each listed species. Several status surveys for listed and candidate species have been completed in Nevada using funds provided by USFWS under Section 6 of the Act. The USFWS administers over 1.35 million acres of Wildlife Refuges and Ranges in Nevada.

these. A nationwide Memorandum of Understanding between BLM and TNC now provides for cooperative exchanges of information on sensitive species, on the identification, evaluation and monitoring of lands with high natural values, and in conducting field surveys. BLM has provided Challenge/Cost-share funds to complete several field surveys and other projects on Nevada's sensitive species.

Nevada includes the Toiyabe and Humboldt National Forests (NF) of Intermountain Region 4, and the Boundary Peak Wilderness portion of the Inyo NF in California Region 5. Illustrated field guides to sensitive plants have been published for the Region 4 forests. Challenge/Cost-share funds from USFS have enabled completion of several field surveys for sensitive plants in Nevada.

Currently the NVNHP database contains 1563 occurrences of sensitive plants in Nevada. With about 260 plants being tracked, though, this averages about 6 records per taxon for a very large state. Clearly, many taxa and many areas of Nevada are very sparsely surveyed. Currently we have neither data nor expertise on mosses, liverworts, lichens, or fungi. NVNHP welcomes any new information or comments on the listings herein. Such information, or requests for data, standard field survey forms, or copies of this publication, should be addressed to: Nevada Natural Heritage Program, 123 W. Nye Lane, Carson City, NV 89710. (702) 687-4245.

ORGANIZATION OF THE LISTS

Previous editions of this publication were issued as a stapled list, organized by federal or other categories. For this edition, all data were thoroughly re-verified for accuracy and completeness. The federal list was re-written and updated, and is now followed by an alphabetic list and several supplementary lists

and indices. Common names and NVNHP ranks have been added for all taxa. In the main lists, the current or most recent federal status, NNNPS-recommended federal status, Nevada State status, common name(s), county and state distribution, NNNPS status, and NVNHP rankings are given for each taxon.

KEY TO CATEGORIES AND SYMBOLS

Federal Categories

- LE Listed Endangered - in danger of extinction in all or significant portions of their ranges.
- LT Listed Threatened - likely to be classified as Endangered in the foreseeable future if present trends continue.
- PE Proposed Endangered.
- PT Proposed Threatened.
- 1 Category 1 Candidate - enough substantial information is on file to support listing as Threatened or Endangered.
- 2 Category 2 Candidate - there is some evidence of vulnerability, but without enough data to support listing as Threatened or Endangered. Further research is needed.
- 1*2* Candidates now possibly extinct.
- 3 Category 3 - once considered for listing as Threatened or Endangered, but no longer under consideration.
- 3A Taxa for which there is persuasive evidence of extinction.
- 3B Names not now considered to represent distinct taxa.
- 3C Taxa proven to be more abundant or widespread, or less vulnerable, than previously thought.
- > Last known status; not listed in most recent Federal Register.
- No past or present federal status.

Nevada State Status

- CE Critically Endangered - taxa threatened with extinction, whose survival requires assistance because of overexploitation, disease or other factors or because their habitat is threatened with destruction, drastic modification or severe curtailment (NRS 527.260-.300).
- CE# Recommended for listing as critically endangered, pending formal listing.
- CY Protected as a Cactus, Yucca, or Christmas Tree under NRS 527.060-.120.

Northern Nevada Native Plant Society (NNNPS) Status

- PE Possibly Extinct in Nevada.
- E Endangered.
- T Threatened.
- W Watch - potentially vulnerable taxa in need of monitoring or further data to determine status.
- D Deleted from consideration by NNNPS because presently considered secure, taxonomically indistinct, etc.
- A Absent currently and historically from Nevada, included on past lists but not now under consideration.

Nevada Natural Heritage Program (NVNHP) Ranks (using TNC's ranking system - see following table)

- G Global rank indicator, based on worldwide distribution at the species level.
- T Trinomial rank indicator, based on worldwide distribution at the infraspecific level.
- S State rank indicator, based on distribution within Nevada at the lowest taxonomic level.

- 1 Critically imperiled due to extreme rarity, imminent threats, or biological factors.
- 2 Imperiled due to rarity or other demonstrable factors.
- 3 Rare and local throughout its range, or with very restricted range, or otherwise vulnerable to extinction.
- 4 Apparently secure, though frequently quite rare in parts of its range, especially at its periphery.
- 5 Demonstrably secure, though frequently quite rare in parts of its range, especially at its periphery.

- E Exotic or introduced.
- U Unknown
- H Of historical occurrence, not now known but could be rediscovered.
- X Believed extinct or extirpated within Nevada.
- Q Taxonomic status uncertain.
- ? Assigned rank uncertain.

SENSITIVE VASCULAR PLANTS OF NEVADA

Table for Estimating NVNHP Global, Trinomial, and State Ranks

(Numbers in parentheses indicate normal range of variation in assigned ranks based on other biological factors.)

	Number of individuals capable of reproducing				
	0	< 1000	1000-3000	3000-10000	> 10000
0	H,X	-	-	-	-
1-5	-	1	1	1	1
6-20	-	1(2)	2(1)	2(1)	2(1,3)
21-100	-	2(1)	2(1,3)	3(2)	3(2,4)
>100	-	2(1)	2(1,3)	3(2,4)	4(3,5)

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City, County, and State Symbols

Cc	Carson City (former Ormsby County)	Wa	Washoe County
Ch	Churchill County	Wp	White Pine County
Cl	Clark County		
Do	Douglas County	AK	Alaska
Es	Esmeralda County	AZ	Arizona
El	Elko County	CA	California
Eu	Eureka County	CO	Colorado
Hu	Humboldt County	ID	Idaho
La	Lander County	MT	Montana
Li	Lincoln County	NM	New Mexico
Ly	Lyon County	OR	Oregon
Mi	Mineral County	TX	Texas
Ny	Nye County	UT	Utah
Pe	Pershing County	WA	Washington
St	Storey County	WY	Wyoming

SENSITIVE VASCULAR PLANTS OF NEVADA - By federal and other categories

Federal Status with (NNNPS-recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
LISTED ENDANGERED					
LE	CE	<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i> Steamboat buckwheat	Wa	E	G5T1S1
LE	CE	<i>Nitrophila mohavensis</i> Amargosa niterwort	Ny/CA	E	G1S1
LISTED THREATENED					
LT	CE	<i>Astragalus phoenix</i> Ash Meadows milkvetch	Ny	T	G2S2
LT	CE	<i>Centaureium namophilum</i> [≡ <i>C. n.</i> var. <i>n.</i>] spring-loving centaury	Ny/CA	T	G2QS2
LT	CE	<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i> Ash Meadows sunray	Ny	T	G5T2S2
LT	CE	<i>Grindelia fraxino-pratensis</i> Ash Meadows gumplant	Ny/CA	T	G2S2
LT	CE	<i>Ivesia kingii</i> var. <i>eremica</i> [≡ <i>I. e.</i>] Ash Meadows ivesia	Ny	T	G3T1T2S1S2
LT	CE	<i>Mentzelia leucophylla</i> Ash Meadows blazingstar; A. M. stickleaf	Ny	T	G1S1
CATEGORY 1 CANDIDATES					
1	CE	<i>Astragalus beatleyae</i> Beatley milkvetch	Ny	T	G2S2
1 (LT)	CE	<i>Astragalus lentiginosus</i> var. <i>sesquimetralis</i> Sodaville milkvetch	Mi,Ny/CA	T	G5T1S1
1		<i>Astragalus oophorus</i> var. <i>clokeyanus</i> Clokey eggvetch	Cl	T	G4T1S1
1 (LE)	CE	<i>Castilleja salsuginosa</i> Monte Neva paintbrush	Wp	E	G1QS1
1 (LE)	CE	<i>Eriogonum argophyllum</i> Sulphur Springs buckwheat; Ruby Valley b.; silverleaf b.	El	E	G1S1
1	CE#,CY	<i>Opuntia whipplei</i> var. <i>multigeniculata</i> Blue Diamond cholla	Cl,Ny?/AZ?	T	G2T1S1
1 (LT)	CE	<i>Polyctenium williamsiae</i> Williams combleaf	Wa	T	G1S1
1		<i>Potentilla basaltica</i> Soldier Meadows cinquefoil; Basalt c.	Hu	T	G1S1
1	CE	<i>Rorippa subumbellata</i> Tahoe yellowcress	Do,Wa/CA	T	G1S1
1		<i>Sphaeromeria compacta</i> Charleston tansy	Cl	T	G2S2
PT	CE#	<i>Spiranthes diluvialis</i> plateau lady's tresses	Li/CO,UT	T	G2SH
1 (LE)		<i>Synthyris ranunculina</i> Charleston kittentails	Cl	E	G1S1
CATEGORY 2 CANDIDATES					
2		<i>Angelica scabrida</i> rough angelica	Cl	T	G2S2
2		<i>Antennaria arcuata</i> meadow pussytoes	El,ID,WY	W	G2S1

SENSITIVE VASCULAR PLANTS OF NEVADA - By federal and other categories (continued)

Federal Status with (NNNPS- recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
2		<i>Antennaria soliceps</i> Charleston pussytoes	Cl	T	G1S1
2		<i>Arabis bodiensis</i> Bodie Hills rockcress	Mi/CA	W	G1S1
2		<i>Arabis falcatoria</i> Grouse Creek rockcress	El/UT	W	G1S1
2		<i>Arabis falcifruca</i> Elko rockcress	El,La	W	G1S1
2		<i>Arabis ophira</i> Ophir rockcress	Ny	T	G1S1
2		<i>Arabis pinzlae</i> Pinzl rockcress; Boundary Peak r.	Es/CA	W	G1S1
2	(1)	<i>Arabis rigidissima</i> var. <i>demota</i> Galena Creek rockcress; Carson Range r.	Wa/CA	T	G3G4T1QS1
2		<i>Arabis tiehmii</i> Tiehm rockcress; Congdon r.	Wa/CA	W	G1S1
2	CE	<i>Arctomecon californica</i> California bearpoppy; bearclaw poppy	Cl/AZ	T	G2S2
2		<i>Arctomecon merriamii</i> white bearpoppy; Merriam b.	Cl,Li,Ny/CA	W	G3S2
2		<i>Arenaria kingii</i> ssp. <i>rosea</i> rosy King sandwort	Cl	T	G4T2S2
2		<i>Asclepias eastwoodiana</i> Eastwood milkweed	Es,La,Li,Mi,Ny	W	G2S2
2		<i>Astragalus aequalis</i> Clokey milkvetch; equal m.	Cl	T	G2S2
2		<i>Astragalus amphioxys</i> var. <i>nusimonum</i> [≡ <i>A. m.</i>] Sheep Mountain milkvetch; crescent m.	Cl,Li/AZ	W	G5T2S2
2		<i>Astragalus anserinus</i> Goose Creek milkvetch	El,ID,UT	W	G2S1
2		<i>Astragalus eurylobus</i> [≡ <i>A. tephrodes</i> var. <i>e.</i>] Needle Mountains milkvetch; Peck Station m.	Li,Ny/AZ,UT	W	G2S2
2		<i>Astragalus funereus</i> black woollypod; Funeral milkvetch; black m.;	Cl,Ny/CA	W	G2S2
2	CE	<i>Astragalus geyeri</i> var. <i>triquetrus</i> [≡ <i>A. t.</i>] threecorner milkvetch	Cl/AZ	T	G3G4T2S2
2		<i>Astragalus lentiginosus</i> var. <i>chartaceus</i> San Pitch Valley milkvetch	El,Hu,La,Wa /CA,ID,OR,UT,WY	D	G5T4S2?
2	CE#	<i>Astragalus mohavensis</i> var. <i>hemigyris</i> halfring milkvetch; curvepod Mojave m.; Darwin Mesa m.	Cl/CA	E	G3T2S2
2		<i>Astragalus oophorus</i> var. <i>lavinii</i> Lavin eggvetch	Do,Ly,Mi/CA	W	G4T1S1
2		<i>Astragalus oophorus</i> var. <i>lonchocalyx</i> long-calyx eggvetch; pink e.	Li/UT	W	G4T2S2
2		<i>Astragalus remotus</i> Spring Mountain milkvetch	Cl	W	G1S1
2		<i>Astragalus robbinsii</i> var. <i>occidentalis</i> Lamoille Canyon milkvetch; Ruby m.; Robbins western m.	El	T	G5T2S2
2		<i>Astragalus solitarius</i> lonesome milkvetch; weak m.	Hu,ID,OR	W	G2G3S1
2		<i>Astragalus tiehmii</i> Tiehm milkvetch	Hu,Wa	W	G2S2

SENSITIVE VASCULAR PLANTS OF NEVADA - By federal and other categories (continued)

Federal Status with (NNNPS- recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
2		<i>Astragalus uncialis</i> Currant milkvetch	Ny/UT	W	G2S1
2	CE	<i>Astragalus yoder-williamsii</i> Osgood Mountains milkvetch; Yoder-Williams m.	Hu/ID	W	G3S1
2		<i>Calochortus striatus</i> alkali mariposa lily; striped m. l.	Cl,Ny/CA	W	G2S1
2		<i>Camissonia megalantha</i> Cane Spring evening-primrose	Li,Ny	W	G2S2
2		<i>Chrysothamnus eremobius</i> remote rabbitbrush; Pintwater r.	Cl,Li	W	G1S1
2		<i>Collomia renacta</i> Barren Valley collomia	El/OR	W	G1S1
2		<i>Cordylanthus tecopensis</i> Tecopa birdsbeak	Es,Ny/CA	T	G2S2
2	(2*) CE	<i>Cryptantha insolita</i> [= <i>C. virginensis</i> ?] unusual catseye; Las Vegas cryptantha	Cl	PE	GHQSH
2		<i>Cryptantha schoolcraftii</i> Schoolcraft catseye	Hu,Wa	W	G1G2S1S2
2		<i>Cryptantha welshii</i> White River catseye; Welsh c.	Li,Ny,Wp	W	G1S1
2		<i>Cusickiella quadricostata</i> [≡ <i>Draba q.</i>] Bodie Hills draba; four-rib whitlowgrass	Do,Mi/CA	W	G3S2
2		<i>Cymopterus goodrichii</i> Goodrich biscuitroot; G. parsley	La,Pe	W	G1S1
2		<i>Cymopterus ripleyi</i> var. <i>saniculoides</i> sanicle biscuitroot; Ripley b.	Li,Ny	W	G2T1QS1
2		<i>Draba arida</i> desert whitlowgrass; arid draba	La,Ny	W	G2S2
2		<i>Draba jaegeri</i> Jaeger whitlowgrass; J. draba	Cl	T	G2S2
2		<i>Draba pauciflora</i> Charleston draba	Cl	T	G1G2S1S2
2		<i>Epilobium nevadense</i> Nevada willowherb	Cl,Eu,Li/UT	W	G2S2
2		<i>Erigeron latus</i> broad fleabane	El/ID	W	G2S1
2		<i>Erigeron ovinus</i> sheep fleabane	Cl,Li	W	G1G2S1S2
2		<i>Eriogonum ampullaceum</i> Mono buckwheat; bottle b.	Es,Mi/CA	W	G3S1
2		<i>Eriogonum anemophilum</i> windloving buckwheat	Hu,La,Pe	W	G2G3S2S3
2		<i>Eriogonum bifurcatum</i> Pahrump Valley buckwheat; forked b.	Cl,Ny/CA	T	G2S1
2	CE#	<i>Eriogonum crosbyae</i> Crosby buckwheat	Hu,Wa/OR	T	G2S2
2		<i>Eriogonum holmgrenii</i> Holmgren buckwheat	Wp	T	G1S1
2		<i>Eriogonum lewisii</i> Lewis buckwheat	El/UT	W	G1S1
2		<i>Eriogonum robustum</i> [≡ <i>E. lobbii</i> var. <i>r.</i>] altered andesite buckwheat; Lobb b.	Cc,Ly,St,Wa	W	G2S2

SENSITIVE VASCULAR PLANTS OF NEVADA - By federal and other categories (continued)

Federal Status with (NNNPS- recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
2		<i>Eriogonum tiehmii</i> Tiehm buckwheat	Es	T	G1S1
2	CE	<i>Eriogonum viscidulum</i> sticky buckwheat; clammy b.	Cl	T	G2S2
2	CE#	<i>Frasera gypsicola</i> Sunnyside green gentian; S. elkweed	Ny,Wp/UT	W	G1S1
2		<i>Frasera pahutensis</i> Pahute green gentian; P. elkweed	Ny	W	G2G3S2S3
2		<i>Galium hilendiae</i> var. <i>kingstonense</i> Kingston bedstraw	Cl,Ny/CA	T	G4T2?S1
2		<i>Glossopetalon clokeyi</i> [= <i>Forsellesia</i> c.] Clokey greasebush	Cl	W	G1S1
2		<i>Glossopetalon pungens</i> var. <i>glabra</i> smooth dwarf greasebush [= <i>Forsellesia</i> p. var. g.]	Cl/CA	W	G5T3S1
2		<i>Haplopappus alpinus</i> [= <i>Tonestus</i> a.] alpine tonestus	La,Ny	W	G2S2
2		<i>Haplopappus graniticus</i> [= <i>Tonestus</i> g.] Lone Mountain tonestus	Es	W	G1S1
2		<i>Ivesia cryptocaulis</i> hidden ivesia	Cl	T	G1S1
2		<i>Ivesia jaegeri</i> Jaeger ivesia	Cl/CA	W	G2S2
2		<i>Ivesia pityocharis</i> Pine Nut Mountains ivesia; P. N. M. mousetails	Do	W	G1S1
2		<i>Ivesia rhypara</i> var. <i>rhypara</i> grimy ivesia	El,Wa/OR	W	G1T1S1
2		<i>Ivesia webberi</i> Webber ivesia	Do,Wa/CA	W	G2S2
2		<i>Jamesia tetrapetala</i> waxflower	Li,Ny,Wp/UT	W	G2S2
2		<i>Leptodactylon glabrum</i> Bruneau River prickly phlox; Owyhee p. p.	El,Pe/ID,OR	W	G1S1
2		<i>Lewisia maguirei</i> Maguire bitterroot	Ny	W	G1S1
2	(3B)	<i>Machaeranthera laetevirens</i> vivid green aster [= <i>M. canescens</i> var. c.]	El,Li,Ny/AZ,ID,NM,UT	D	G5QS5
2		<i>Mentzelia mollis</i> smooth stickleaf	Hu/OR,ID	W	G2S1
2		<i>Mentzelia packardiae</i> Packard stickleaf	El/OR	T	G1S1
2		<i>Oryctes nevadensis</i> oryctes	Ch,Es,Hu,Mi,Pe,St,Wa/CA	W	G2S2
2		<i>Penstemon albomarginatus</i> white-margined beardtongue	Cl,Ny/AZ,CA	T	G2S1S2
2		<i>Penstemon arenarius</i> Nevada dune beardtongue	Ch,Es,Mi,Ny	W	G2G3S2S3
2		<i>Penstemon bicolor</i> ssp. <i>bicolor</i> yellow twotone beardtongue	Cl	W	G2T2S2
2		<i>Penstemon bicolor</i> ssp. <i>roseus</i> rosy twotone beardtongue	Cl,Ny/AZ	D	G2T2S2
2		<i>Penstemon concinnus</i> Tunnel Springs beardtongue	Wp/UT	W	G3S2

SENSITIVE VASCULAR PLANTS OF NEVADA - By federal and other categories (continued)

Federal Status with (NNNPS- recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
2		<i>Penstemon floribundus</i> Cordelia beardtongue	Hu	W	G2S2
2		<i>Penstemon fruticiformis</i> ssp. <i>amargosae</i> Death Valley beardtongue; Amargosa bush penstemon	Cl,Ny/CA	T	G3T2T3S2
2		<i>Penstemon pahutensis</i> Pahute Mesa beardtongue	Ny	T	G2S2
2		<i>Penstemon pudicus</i> bashful beardtongue	Ny	T	G1S1
2		<i>Phacelia beatleyae</i> Beatley scorpion plant	Li,Ny	W	G2S2
2	CE	<i>Phacelia inconspicua</i> obscure scorpion plant	Pe/ID	E	G1S1
2		<i>Phacelia monoensis</i> Mono phacelia	Es,Ly,Mi/CA	T	G2S2
2		<i>Potentilla cottamii</i> Cottam cinquefoil	El/UT	W	G1S1
2	CE	<i>Primula capillaris</i> Ruby Mountain primrose	El	T	G1S1
2		<i>Primula nevadensis</i> Nevada primrose	Ny,Wp	T	G1S1
2		<i>Salvia dorrii</i> var. <i>clokeyi</i> Clokey mountain sage; C. purple sage	Cl	W	G5T2S2
2	CY	<i>Sclerocactus blainei</i> Blaine pincushion; B. fishhook cactus	Ny	W	G1S1
2	CY	<i>Sclerocactus schlesseri</i> Schlessers pincushion; S. fishhook cactus	Li	W	G1S1
2		<i>Selaginella utahensis</i> Utah spikemoss	Cl/UT	W	G2SH
2		<i>Silene clokeyi</i> Clokey catchfly; C. campion	Cl	T	G1S1
2		<i>Silene nachlingerae</i> Nachlinger catchfly; N. campion	El,Ny,Wp	W	G2S2
2		<i>Sphaeralcea caespitosa</i> Jones globemallow	Ny/UT	W	G3S2
2		<i>Spiranthes infernalis</i> Ash Meadows lady's tresses	Ny	T	G1S1
2		<i>Streptanthus oliganthus</i> Masonic Mountain jewelflower; M. M. twistflower	Es,Ly,Mi/CA	W	G3S2
2		<i>Stroganowia tiehmii</i> Tiehm stroganowia	Ly	W	G1S1
2		<i>Townsendia jonesii</i> var. <i>tumulosa</i> Charleston grounddaisy	Cl,Ny	W	G2T2S2
2		<i>Trifolium leibergii</i> Leiberg clover	El/OR	W	G1S1

CATEGORY 3 NON-CANDIDATES and MISCELLANEOUS

A, Absent from Nevada currently and historically (but previously reported)

3C>		<i>Angelica wheeleri</i> Wheeler angelica	/UT	A	G2
1		<i>Astragalus lentiginosus</i> var. <i>micans</i> shining milkvetch; Eureka Valley m.	/CA	A	G5T1Q

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Federal Status with (NNNPS- recommended State Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
3C>		<i>Carex whitneyi</i> Whitney sedge	/CA	A	GU
3C>		<i>Croton wigginsii</i> Wiggins croton	/AZ,CA,MEX.	A	G3
3C>		<i>Draba lemmonii</i> var. <i>incrassata</i> Sweetwater Mountains draba	/CA	A	G4T3?
2		<i>Eriogonum ammophilum</i> sand buckwheat	/UT	A	GU
3C>		<i>Eriogonum eremicum</i> Utah desert buckwheat	/UT	A	GU
3C		<i>Ferocactus acanthodes</i> var. <i>acanthodes</i> viznaga	/AZ,CA,MEX.	A	G5
3C>		<i>Haplopappus aberrans</i> [≡ <i>Tonestus a.</i>] Idaho tonestus; I. goldenweed	/ID	A	G3
2		<i>Haplopappus canus</i> [≡ <i>Hazardia cana</i>] San Clemente Island hazardia	/CA,MEX.	A	G2
3C>		<i>Isoetes bolanderi</i> var. <i>pygmaea</i> pygmy quillwort	/AZ,CA	A	G4
3C>		<i>Penstemon abietinus</i> firleaf beardtongue	/UT	A	G3G4
3C>		<i>Penstemon nanus</i> dwarf beardtongue; low b.	/UT	A	G3
3C>		<i>Zigadenus vaginatus</i> sheathed death camas	/UT	A	G2

B, indistinct taxa, considered synonyms of common taxa

3B>		<i>Abronia orbiculata</i> [= <i>A. turbinata</i>] transmontane sand-verbena	Ch,Cl,El,Eu,Hu,La,Li,Ly, Ny,Wp/CA,OR	D	G5S5
3B>		<i>Castilleja linoides</i> [= <i>C. flava</i>] yellow paintbrush	El,Hu/CO,ID,MT,OR,UT,WY	D	G4G5S4S5
3B>		<i>Ditaxis diversiflora</i> [= <i>Argythamnia cyanophylla</i>] silverbush; blueleaf	Cl/AZ,NM	D	G4G5S4S5
3B		<i>Elodea nevadensis</i> [= <i>E. bifoliata</i> ?] Nevada waterweed	Wa	PE	GHQSH
3B>		<i>Fimbristylis thermalis</i> [= <i>F. spadicea</i>] hotspring feathersedge	El,La,Ny/CA/N. AMER.	D	G5S2
3B		<i>Fraxinus cuspidata</i> var. <i>macropetala</i> [= <i>F. c.</i>] large-petaled velvet ash	Cl,Li/AZ,NM,TX	D	G5S1
3B>		<i>Geranium toquimense</i> [= <i>G. caespitosum</i>] Toquima geranium	Ny/w. U.S.	D	G5S1
3B		<i>Helianthus deserticola</i> [= <i>H. anomalus</i> ?] desert sunflower	Cl,Ch,Mi/AZ,UT	D	G3QS2
3B		<i>Lupinus holmgrenianus</i> [= <i>L. polyphyllus</i>] Holmgren lupine	Es,Ny/CA	D	G5S4
3B>		<i>Machaeranthera ammophila</i> [= <i>Psilactis coulteri</i>] sand aster	Ny/AZ,CA	D	G2QS1
3B>		<i>Mimulus washoensis</i> [= <i>M. nanus</i>] Washoe monkeyflower; dwarf m.	Do,El,Hu,La,St,Wa /CA,ID,MT,OR,WA,WY	D	G5S4
3B>		<i>Penstemon decurvus</i> [= <i>P. humilis</i>] humble beardtongue	Es,Li,Ny/CA,CO, ID,OR,UT,WA,WY	D	G5S5
3B>		<i>Penstemon nyeensis</i> [= <i>P. kingii</i>] Nye beardtongue	Ch,El,Es,Hu,La,Ny, Pe,Wp/OR	D	G4S4

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Federal Status with (NNNPS- recommended State Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
3B>		<i>Penstemon thurberi</i> var. <i>anestius</i> [= <i>P. t.</i>] Thurber beardtongue	Ny/AZ,CA,NM,MEX	D	G4S1
3B		<i>Phacelia nevadensis</i> [= <i>P. incana</i>] Nevada phacelia	El,Eu,Li,Ny,Wp /CO,ID,UT,WY	D	G5S4
3B>		<i>Polemonium nevadense</i> [= <i>P. pulcherrimum</i> var. <i>p.</i>] Nevada jacob's ladder	Hu,Ny/CA,ID,OR,UT, WA to AK	D	G5T5S4
3B>		<i>Senecio lyceus</i> var. <i>leucoreus</i> [= <i>S. multilobatus</i>] basin butterweed; b. groundsel; b. ragwort	all counties/AZ,CA, NM,OR,TX,WY,UT	D	G5S5
3B		<i>Townsendia</i> sp. nov. [= <i>T. jonesii</i> var. <i>j.</i>] Jones grounddaisy	Cl,Li,Ny,Wp/UT	D	G4T4S2S3
C, Common, not now considered threatened					
3C>		<i>Agastache cusickii</i> Cusick hyssop; C. horsemint	El,Hu,La,Ny/ID,OR	D	G2G3S2
3C>		<i>Agave utahensis</i> var. <i>eborispina</i> ivory-spined agave	Cl,Li,Ny/CA	D	G3T2T3S2S3
3C>		<i>Agave utahensis</i> var. <i>nevadensis</i> Clark Mountain agave	Cl?,Li?,Ny?/CA	D	G3T3S3
3C>		<i>Arabis dispar</i> pinyon rockcress	Ny/CA	D	G3S2
3C>		<i>Arabis shockleyi</i> Shockley rockcress	Cl,Es,Li,Mi,Ny,Wp/CA,UT	D	G3S3
3C>		<i>Arenaria stenomeres</i> Meadow Valley sandwort	Cl,Li	W	G1S1
3C>		<i>Artemisia papposa</i> fuzzy sagebrush; Owyhee s.	El/ID,OR	D	G3S2
3C>		<i>Astragalus ackermanii</i> Ackerman milkvetch	Cl,Li	W	G2S2
3C>		<i>Astragalus alvordensis</i> Alvord milkvetch	Hu/OR	D	G4S2
3C>		<i>Astragalus callithrix</i> Callaway milkvetch	Mi,Ny/UT	D	G3S3
3C>		<i>Astragalus calycosus</i> var. <i>monophyllidius</i> one-leaflet Torrey milkvetch	Cl,El,Eu,Li,Ny/UT	W	G5T2S2
3C>		<i>Astragalus cimae</i> var. <i>cimae</i> Cima milkvetch	Mi,Ny/CA	W	G2T2S2
3C>		<i>Astragalus convallarius</i> var. <i>finitimus</i> Pine Valley milkvetch; lesser rushy m.	Li/UT	D	G5T3S3
3C>		<i>Astragalus iodanthus</i> var. <i>pseudiodanthus</i> [≡ <i>A. p.</i>] Tonopah milkvetch	Es,Mi,Ny/CA	D	G5T2S2
3C>		<i>Astragalus johannis-howellii</i> Long Valley milkvetch	Mi/CA	D	G2S1
3C>		<i>Astragalus lentiginosus</i> var. <i>latus</i> broad-pod freckled milkvetch	Wp	W	G5T1S1
3C>		<i>Astragalus nyensis</i> Nye milkvetch	Cl,Li,Ny	D	G3S3
3C>		<i>Astragalus porrectus</i> Lahontan milkvetch	Ch,Hu,Ly,Pe,Wa	D	G2G3S2S3
3C>		<i>Astragalus pterocarpus</i> winged milkvetch	Ch,Hu,La,Pe	D	G3S3
3C>		<i>Astragalus serenoii</i> var. <i>sordescens</i> squalid milkvetch	Es,Ny	D	G4T2S2

SENSITIVE VASCULAR PLANTS OF NEVADA - By federal and other categories (continued)

Federal Status with (NNNPS- recommended State Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
3C>		<i>Astragalus toquimanus</i> Toquima milkvetch	Ny	W	G2S2
3B 3C		<i>Brickellia knappiana</i> Knapp brickellbush	Cl/CA	W	G3?S1
3C>		<i>Camissonia nevadensis</i> Nevada evening-primrose	Qc,Ch,Do,Ly,Pe,St,Wa	D	G3S3
3C>		<i>Carex microptera</i> var. <i>crassinerva</i> thicknerve sedge	?/CO,WY	D	G4G5T3T4SU
3C>		<i>Cirsium clokeyi</i> Clokey thistle; Charleston t.	Cl	D	G2S2
3C>		<i>Cirsium hallii</i> Hall thistle	Cl?/OR	D	G5SU
3C>	CY	<i>Coryphantha vivipara</i> ssp. <i>rosea</i> Clokey pincushion; rosy foxtail cactus	Cl,Es,Li,Ny/w. U.S.	D	G4T3S3
3C (3B)		<i>Cryptantha hoffmannii</i> [= <i>C. virginensis</i>] Hoffmann cryptantha	Cl,Es,Eu,La,Mi,Ny /AZ,CA,UT	D	G3QS3
3C>		<i>Cryptantha interrupta</i> Elko cryptantha; interrupted catseye	El,Eu,La,Ny,Wp /ID,MT,OR-CAN.	D	G3G4S3
3C>		<i>Cryptantha tuniulosa</i> New York Mountains catseye; Mojave cryptantha; sturdy forget-me-not	Cl,Ny/CA	W	G3?S2
3C>		<i>Cusickiella douglasii</i> [= <i>Draba d.</i> vars.] Douglas draba	Cc,Do,El,Eu,Hu,La,Ny,Wa /CA,OR,WA	D	G4S4
3C>		<i>Cymopterus basalticus</i> intermountain wavewing; dolomite spring-parsley	Wp/UT	W	G2G3S1
3C>		<i>Cymopterus corrugatus</i> corrugated wavewing	Ch,Hu,Pe,Wa/OR	D	G4S2
3C		<i>Cymopterus nivalis</i> [incl. <i>C. humboldtensis</i>] snow wavewing; s. parsley	El,Ny,Wp/ID,MT,OR,WY	D	G1S1
3C>		<i>Dimeresia howellii</i> doublet	El,Hu,La,Wa/CA,ID,OR	D	G4S4
3C>		<i>Draba asterophora</i> var. <i>asterophora</i> Tahoe draba; star whitlowgrass	Wa/CA	W	G4T2S1
3C> (2)		<i>Draba crassifolia</i> var. <i>nevadensis</i> Arc Dome draba	Ny	W	G5T2QS2
3C>		<i>Draba cusickii</i> [≡ <i>D. sphaeroides</i> var. <i>c.</i>] Cusick whitlowgrass	El,Ny,Wp/ID,OR	W	G4S2
3C>		<i>Draba stenoloba</i> var. <i>ramosa</i> Carson Range draba; branched d.	Cc,Do,Wa/CA-AK	D	G5T2T3S2
3C>		<i>Ephedra funerea</i> Death Valley mormon tea	Cl/CA	D	G2?QS2
3C>		<i>Erigeron uncialis</i> var. <i>conjugans</i> inch high fleabane; cliff daisy	Cl,Li,Ny,Wp	D	G3T3S3
3C>		<i>Eriogonum beatleyae</i> Beatley buckwheat; goldmine b.	Ch,Es,Eu,La,Mi,Ny/CA	D	G2QS2
3C>		<i>Eriogonum concinnum</i> Darin buckwheat	Ny	W	G2S2
3C>		<i>Eriogonum contiguum</i> Amargosa buckwheat; Reveal b.; annual desert trumpet	Cl,Ny/CA	D	G2G3S2
3C>		<i>Eriogonum darrovii</i> Darrow buckwheat	Ny,Wp/AZ	D	G2G3S1
3C>		<i>Eriogonum heermannii</i> var. <i>floccosum</i> Clark Mountain buckwheat; woolly Heermann b.	Cl/CA	D	G5T2T3S1

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Federal Status with (NNNPS- recommended State Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
3C>		<i>Eriogonum lemmonii</i> Lemmon buckwheat	Ch,Ly,Pe,St,Wa	D	G2G3S2S3
3C>		<i>Eriogonum ovalifolium</i> var. <i>caelestinum</i> heavenly buckwheat	Ny	D	G5T2T3S2S3
3C (2)		<i>Eriogonum prociduum</i> prostrate buckwheat; Austin b.	Wa/CA,OR	W	G2S1
3C>		<i>Eriogonum rubricaulis</i> Lahontan Basin buckwheat	Ch,Es,Hu,La,Ly,Mi,Ny,Pe	D	G3S3
3C>		<i>Gilia nyensis</i> Nye gilia	Li,Ny	D	G2S2
3C>		<i>Gilia ripleyi</i> Ripley gilia	Cl,Li,Ny/CA	D	G2G3S2
3C>		<i>Hackelia ophiobia</i> rattlesnake stickseed; Three Forks s.; Owyhee River s.; Owyhee forget-me-not	Hu/ID,OR	D	G3?S2
3C>		<i>Hackelia sharsmithii</i> Sierran forget-me-not; Sharsmith stickseed	La,Ny/CA	D	G4?S2
3C>		<i>Haplopappus cervinus</i> [= <i>Ericameria</i> c.] antelope goldenbush	Cl/AZ,UT	D	G2SU
3C>		<i>Haplopappus eximius</i> [= <i>Tonestus</i> e.] Tahoe tonestus	Wa/CA	D	G3G4S1
3C>		<i>Haplopappus watsonii</i> [= <i>Ericameria</i> w.] Watson goldenbush	El,La,Li,Mi,Ny,Wp/UT	D	G3G4QS3
3C>		<i>Hazardia brickellioides</i> [= <i>Haplopappus</i> b.] holly goldenbush; Brickell g.	Cl,Ny/CA	D	G4?S3
3C> (3B)		<i>Heuchera duranii</i> [= <i>H. parvifolia</i>] Duran alumroot	Do,La,Ly,Mi/CA	D	G2G3QS2S3
3C>		<i>Hulsea vestita</i> ssp. <i>inyoensis</i> Inyo hulsea; pumice h.	Mi,Ny/CA	W	G4T2T3S1S2
3C>		<i>Lathyrus hitchcockianus</i> Bullfrog Hills sweetpea; Hitchcock s.	Ny	W	G2S2
3C>		<i>Lepidium nanum</i> dwarf peppergrass	El,Eu,Ny,Wp	D	G3S3
3C>		<i>Lesquerella hitchcockii</i> Hitchcock bladderpod	Cl,Ny,Wp	D	G2G3S2S3
3C>		<i>Linanthus arenicola</i> dune linanthus; gypsum l.	Cl,Ch,Es,Hu,Ny/CA,UT	D	G3?S3
3C>		<i>Lomatium foeniculaceum</i> ssp. <i>inyoense</i> Inyo Mountain parsley	El/CA	D	G5T3?S1
3C>		<i>Lomatium ravenii</i> Raven lovage	Ch,El,Eu,Hu,La,Ny,Pe Wa,Wp/CA,ID,UT	D	G4S4
3C>		<i>Lupinus argenteus</i> var. <i>montigenus</i> Mount Rose lupine [= <i>L. m.</i> ; <i>L. caudatus</i> ssp. <i>m.</i>]	Wa/CA	D	G5T3T4S3
3C>		<i>Lupinus malacophyllus</i> soft lupine	Cc,Do,Ly,Wa	D	G2G3S2S3
3C>		<i>Machaeranthera grindelioides</i> var. <i>depressa</i> rayless tansyaster	Cl,Eu,Li,Wp/AZ,UT	D	G3T3S3
3C>		<i>Machaeranthera leucanthemifolia</i> desert hoary aster [= <i>M. canescens</i> var. <i>l.</i>]	widespread/CA,UT	D	G4S4
3C> (3B)		<i>Mertensia toyabensis</i> [= <i>M. cusickii</i>] Toiyabe bluebell	La	D	G2QS2
3C>		<i>Mirabilis pudica</i> bashful four-o'clock; pale f.	Cl,Li,Ny	D	G3S3

SENSITIVE VASCULAR PLANTS OF NEVADA - By federal and other categories (continued)

Federal Status with (NNNPS- recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
3C>	CY	<i>Opuntia pulchella</i> sand cholla	Ch,Do,Es,La,Ly,Mi,Ny, Pe,Wa/AZ,CA,UT	D	G4S2S3
3C>		<i>Oxytheca watsonii</i> Watson spinecup	Eu,La,Mi,Ny/CA	D	G2S2
3C>		<i>Penstemon leiophyllus</i> var. <i>francisci-pennellii</i> Pennell beardtongue	Li,Ny,Wp/UT	W	G2QT2S1
3C>		<i>Penstemon leiophyllus</i> var. <i>keckii</i> Charleston beardtongue; Keck b.	Cl	W	G2T2S2
3C>		<i>Penstemon moriahensis</i> Mount Moriah beardtongue	Wp	W	G1G2S1S2
3C>		<i>Penstemon patricus</i> [≡ <i>P. leonardii</i> var. <i>p.</i>] dad's penstemon	Wp/UT	D	G2S1
3C>		<i>Penstemon procerus</i> var. <i>modestus</i> small flower beardtongue	El	W	G5T2T3S2S3
3C>		<i>Penstemon rubicundus</i> Wassuk beardtongue	Do,Es,Mi	D	G2G3S2S3
3C>		<i>Penstemon thompsoniae</i> ssp. <i>jaegeri</i> Jaeger beardtongue	Cl	W	G4G5T2S2
3C>		<i>Perityle megalcephala</i> var. <i>intricata</i> delicate rockdaisy; Nevada r.	Cl,Es,Ny/CA	W	G3T2S2
3C>		<i>Peteria thompsonae</i> spiny-node milkvetch	Cl,Es,Li,Ny/AZ,CA,ID,UT	D	G4S2
3C>		<i>Phacelia anelsonii</i> Aven Nelson phacelia	Cl,Li,Ny/CA,UT	D	G2G3S1S2
3C>		<i>Phacelia glaberrima</i> Reese River phacelia	Ch,La,Ly,Mi,Pe	D	G2G3S2S3
3C>		<i>Phacelia mustelina</i> weasel phacelia; Death Valley roundleaf p.	Ny/CA	W	G2G3S2
3C>		<i>Phacelia parishii</i> Parish phacelia; playa p.	Cl,Li,Ny,Wp/CA	D	G2S1
3C>		<i>Phlox gladiformis</i> daggerleaf phlox; musky p.; Red Canyon p.	Li/UT	D	G2G3S2
3C>		<i>Pilostyles thurberi</i> Thurber pilostyles	Ny/AZ,CA,NM,TX	D	G3S1
3C>		<i>Polygala subspinosa</i> var. <i>heterorhyncha</i> desert milkwort	Li,Ny/CA	W	G4T3S2
3C>		<i>Psorothamnus kingii</i> Lahontan indigobush; King dalea	Ch,Hu	W	G3S3
3C> (2)		<i>Salvia funerea</i> Death Valley sage	Es,Ny/CA	W	G3?S1
3C>	CY	<i>Sclerocactus polyancistrus</i> Mojave fishhook cactus; pineapple c.	Es,Mi,Ny/CA	D	G4S2
3C>	CY	<i>Sclerocactus pubispinus</i> var. <i>pubispinus</i> Great Basin fishhook cactus	El,Li,Ny,Wp/AZ,UT	D	G4T4S3
3C		<i>Scutellaria holmgreniorum</i> Ravendale skullcap	Wa/CA,OR	W	G3S2
3C>		<i>Sidalcea candida</i> white checkermallow; w. checkerbloom	Wp/CO,NM,UT,WY	D	G4S1
3C>		<i>Silene scaposa</i> var. <i>lobata</i> lobed catchfly	El,Eu,Hu,La,Mi,Ny,Wp /ID,OR	D	G4T4S3
3C>		<i>Smelowskia holmgrenii</i> Holmgren smelowskia	El,Hu,La,Ny,Pe,Wp	D	G2S2

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Federal Status with (NNNPS- recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
3C>		<i>Thelypodium laxiflorum</i> loose-flowered thelypody	Cl,Li,Ny/CO,UT	D	G4S2
3C>		<i>Thelypodium sagittatum</i> ssp. <i>ovalifolium</i> ovalleaf thelypody; broadarrow t.	EI,Ny,Wp/UT	D	G3G4T2S2
3C>		<i>Trifolium andersonii</i> ssp. <i>beatleyae</i> Beatley clover; Mono c.; fiveleaf c.; Anderson c.	Do,Es,Hu,Ny,St,Wa/CA	D	G4T4S4
3C>		<i>Trifolium lemmonii</i> Lemmon clover	Wa/CA	D	G3?S1
3C>		<i>Viola purpurea</i> var. <i>charlestonensis</i> Charleston violet; limestone v.	Cl/UT	W	G5T2T3QS2
D, names erroneously included in past lists					
--		<i>Sphaeromeria "williamsiae"</i>		D	
E, other elements of potential or past concern					
--		<i>Amulocaulis leiosolenus</i> ringstem; sticky ring	Cl/AZ,NM,TX		G4S1
--		<i>Artemisia packardiae</i> Packard mugwort; Succor Creek sagebrush	EI,Hu/ID,OR	D	G3S2
--		<i>Astragalus convallarius</i> var. <i>margaretae</i> Margaret rushy milkvetch	Do,Ly,St	D	G5T2S2
--		<i>Astragalus diversifolius</i> meadow milkvetch	Wp/ID,UT	D	G3?S1
--	(2)	<i>Astragalus gilmanii</i> Gilman milkvetch	Li/CA	W	G3?S1
--		<i>Astragalus mokiensis</i> Mokiak milkvetch	Cl/AZ,UT	W	G2G3S1S2
--		<i>Camissonia boothii</i> ssp. <i>alyssoides</i> bottlebrush evening-primrose; Pine Creek e.-p.	Ch,Eu,La,Li,Ny,Pe,Wa /CA,ID,OR,UT		G5T3S3
--		<i>Castilleja martinii</i> var. <i>clokeyi</i> Clokey paintbrush	Cl,Ny/CA		G3T2S2
--		<i>Caulanthus barnebyi</i> Barneby stemflower; B. wild cabbage	Hu,Pe	D	G2S2
--	(2)	<i>Draba oreibata</i> var. <i>serpentina</i> Snake Range whitlowgrass	La,Wp	T	G3T1S1
--		<i>Draba pennellii</i> Pennell whitlowgrass	Wp	D	G2S2
--		<i>Dudleya pulverulenta</i> ssp. <i>arizonica</i> chalk liveforever; Arizona dudleya; red d.	Cl/AZ,CA,MEX		G4T3S1S2
--		<i>Erigeron cavernensis</i> [= <i>E. uncialis</i> var. <i>u.</i> ?] Cave Mountain fleabane	Ny,Wp		G1QS1
--		<i>Eriogonum heermannii</i> var. <i>clokeyi</i> Clokey buckwheat	Cl,Ny	W	G5T3?S3?
--	CY	<i>Ferocactus acanthodes</i> var. <i>lecontei</i> Mojave barrel cactus; miners compass	Cl,Li,Ny/AZ,CA,UT	W	G5T4S4
--		<i>Gentianella amarella</i> felwort; northern gentian	EI,La,Ny,Wa,Wp /Circumboreal		G5S1
--		<i>Hackelia cusickii</i> juniper forget-me-not; Cusick stickseed	Hu,Wa/CA,OR	D	G3?S1
--	(2)	<i>Lathyrus grimesii</i> Grimes vetchling	EI	T	G1S1
--		<i>Lathyrus laetivirens</i> plateau vetchling; bright sweetpea	Li/AZ,CO,UT		G4S1

SENSITIVE VASCULAR PLANTS OF NEVADA - By federal and other categories (continued)

Federal Status with (NNNPS- recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
--		<i>Mentzelia candelariae</i> Candelaria stickleaf; C. blazingstar	Ch,Es,Mi,Ny,Pe		G2S2
--	CY	<i>Pediocactus simpsonii</i> var. <i>robustior</i> hedgehog thistle; h. cactus	El,Hu,La,Pe /ID,NM,OR,WA,WY	D	G4T4S2
--	CY	<i>Pediocactus simpsonii</i> var. <i>simpsonii</i> Simpson hedgehog cactus	Ch,El,La,Ny, Pe,Wp/AZ,CO,UT	D	G4T4S4
--		<i>Penstemon petiolatus</i> [= <i>P. calcareus</i> Jones] limestone beardtongue [not <i>P. calcareus</i> T.S. Brandegee]	Cl,Li,Ny/UT		G3S2
--		<i>Phacelia lutea</i> var. <i>calva</i> Malheur yellow phacelia	Hu/ID,OR	D	G4T2S1
--	(2)	<i>Phacelia minutissima</i> least phacelia; dwarf p.	El,Eu/ID	T	G2S1
--	CY	<i>Pinus longaeva</i> ancient bristlecone pine; Great Basin b. p.	Cl,El,Es,Eu,Ny,Pe,Wp/CA,UT		G4S3
--	CY	<i>Pinus washoensis</i> Washoe pine	Wa/CA,OR		G2QS2
--	(2)	<i>Porophyllum pygmaeum</i> pygmy poreleaf	Cl	W	G1S1
--	(3B)	<i>Senecio toiyabensis</i> [= <i>S. spartioides</i>] Toiyabe groundsel	La,Ny,Wp	D	G2QS2
--	(2)	<i>Trifolium andinum</i> var. <i>podocephalum</i> Currant Summit clover	Li,Ny	W	G4?T1S1
--	(2)	<i>Trifolium macilentum</i> var. <i>rollinsii</i> Rollins clover; Toiyabe lean c.	La,Ny	W	G4T1S1

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Federal Status with (NNNPS- recommended State Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
3B>		<i>Abronia orbiculata</i> [= <i>A. turbinata</i>] transmontane sand-verbena	Ch, Cl, El, Eu, Hu, La, Li, Ly, Ny, Wp/CA, OR	D	G5S5
3C>		<i>Agastache cusickii</i> Cusick hyssop; C. horsemint	El, Hu, La, Ny/ID, OR	D	G2G3S2
3C>		<i>Agave utahensis</i> var. <i>eborispina</i> ivory-spined agave	Cl, Li, Ny/CA	D	G3T2T3S2S3
3C>		<i>Agave utahensis</i> var. <i>nevadensis</i> Clark Mountain agave	Cl?, Li?, Ny?/CA	D	G3T3S3
2		<i>Angelica scabrida</i> rough angelica	Cl	T	G2S2
3C>		<i>Angelica wheeleri</i> Wheeler angelica	/UT	A	G2
2		<i>Antennaria arcuata</i> meadow pussytoes	El/ID, WY	W	G2S1
2		<i>Antennaria soliceps</i> Charleston pussytoes	Cl	T	G1S1
--		<i>Anulocaulis leiosolenus</i> ringstem; sticky ring	Cl/AZ, NM, TX		G4S1
2		<i>Arabis bodiensis</i> Bodie Hills rockcress	Mi/CA	W	G1S1
3C>		<i>Arabis dispar</i> pinyon rockcress	Ny/CA	D	G3S2
2		<i>Arabis falcatoria</i> Grouse Creek rockcress	El/UT	W	G1S1
2		<i>Arabis falcifructa</i> Elko rockcress	El, La	W	G1S1
2		<i>Arabis ophira</i> Ophir rockcress	Ny	T	G1S1
2		<i>Arabis pinzlae</i> Pinzl rockcress; Boundary Peak r.	Es/CA	W	G1S1
2	(1)	CE# <i>Arabis rigidissima</i> var. <i>demota</i> Galena Creek rockcress; Carson Range r.	Wa/CA	T	G3G4T1QS1
3C>		<i>Arabis shockleyi</i> Shockley rockcress	Cl, Es, Li, Mi, Ny, Wp/CA, UT	D	G3S3
2		<i>Arabis tiehmii</i> Tiehm rockcress; Congdon r.	Wa/CA	W	G1S1
2	CE	<i>Arctomecon californica</i> California bearpoppy; bearclaw poppy	Cl/AZ	T	G2S2
2		<i>Arctomecon merriamii</i> white bearpoppy; Merriam b.	Cl, Li, Ny/CA	W	G3S2
2		<i>Arenaria kingii</i> ssp. <i>rosea</i> rosy King sandwort	Cl	T	G4T2S2
3C>		<i>Arenaria stenomeres</i> Meadow Valley sandwort	Cl, Li	W	G1S1
--		<i>Artemisia packardiae</i> Packard mugwort; Succor Creek sagebrush	El, Hu/ID, OR	D	G3S2
3C>		<i>Artemisia papposa</i> fuzzy sagebrush; Owyhee s.	El/ID, OR	D	G3S2
2		<i>Asclepias eastwoodiana</i> Eastwood milkweed	Es, La, Li, Mi, Ny	W	G2S2
3C>		<i>Astragalus ackermanii</i> Ackerman milkvetch	Cl, Li	W	G2S2

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Federal Status with (NNNPS- recommended State Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNH Rank
2		<i>Astragalus aequalis</i> Clokey milkvetch; equal m.	Cl	T	G2S2
3C>		<i>Astragalus alvordensis</i> Alvord milkvetch	Hu/OR	D	G4S2
2		<i>Astragalus amphioxys</i> var. <i>musimonum</i> [≡ <i>A. m.</i>] Sheep Mountain milkvetch; crescent m.	Cl,Li/AZ	W	G5T2S2
2		<i>Astragalus anserinus</i> Goose Creek milkvetch	El/ID,UT	W	G2S1
1	CE	<i>Astragalus beatleyae</i> Beatley milkvetch	Ny	T	G2S2
3C>		<i>Astragalus callithrix</i> Callaway milkvetch	Mi,Ny/UT	D	G3S3
3C>		<i>Astragalus calycosus</i> var. <i>monophyllidius</i> one-leaflet Torrey milkvetch	Cl,El,Eu,Li,Ny/UT	W	G5T2S2
3C>		<i>Astragalus cimae</i> var. <i>cimae</i> Cima milkvetch	Mi,Ny/CA	W	G2T2S2
3C>		<i>Astragalus convallarius</i> var. <i>finitimus</i> Pine Valley milkvetch; lesser rushy m.	Li/UT	D	G5T3S3
--		<i>Astragalus convallarius</i> var. <i>margaretae</i> Margaret rushy milkvetch	Do,Ly,St	D	G5T2S2
--		<i>Astragalus diversifolius</i> meadow milkvetch	Wp/ID,UT	D	G3?S1
2		<i>Astragalus eurylobus</i> [≡ <i>A. tephrodes</i> var. <i>e.</i>] Needle Mountains milkvetch; Peck Station m.	Li,Ny/AZ,UT	W	G2S2
2		<i>Astragalus funereus</i> black woollypod; Funeral milkvetch; black m.; Rhyolite m.	Cl,Ny/CA	W	G2S2
2	CE	<i>Astragalus geyeri</i> var. <i>triquetris</i> [≡ <i>A. t.</i>] threecorner milkvetch	Cl/AZ	T	G3G4T2S2
-- (2)		<i>Astragalus gilmanii</i> Gilman milkvetch	Li/CA	W	G3?S1
3C>		<i>Astragalus iodanthus</i> var. <i>pseudiodanthus</i> [≡ <i>A. p.</i>] Tonopah milkvetch	Es,Mi,Ny/CA	D	G5T2S2
3C>		<i>Astragalus johannis-howellii</i> Long Valley milkvetch	Mi/CA	D	G2S1
2		<i>Astragalus lentiginosus</i> var. <i>chartaceus</i> San Pitch Valley milkvetch	El,Hu,La,Wa /CA,ID,OR,UT,WY	D	G5T4S2?
3C>		<i>Astragalus lentiginosus</i> var. <i>latus</i> broad-pod freckled milkvetch	Wp	W	G5T1S1
1		<i>Astragalus lentiginosus</i> var. <i>micans</i> shining milkvetch; Eureka Valley m.	/CA	A	G5T1Q
1 (LT)	CE	<i>Astragalus lentiginosus</i> var. <i>sesquimetralis</i> Sodaville milkvetch	Mi,Ny/CA	T	G5T1S1
2	CE#	<i>Astragalus mohavensis</i> var. <i>hemigyris</i> halfring milkvetch; curvepod Mojave m.; Darwin Mesa m.	Cl/CA	E	G3T2S2
--		<i>Astragalus mokiensis</i> Mokiak milkvetch	Cl/AZ,UT	W	G2G3S1S2
3C>		<i>Astragalus nyensis</i> Nye milkvetch	Cl,Li,Ny	D	G3S3
1		<i>Astragalus oophorus</i> var. <i>clokeyanus</i> Clokey eggvetch	Cl	T	G4T1S1
2		<i>Astragalus oophorus</i> var. <i>lavinii</i> Lavin eggvetch	Do,Ly,Mi/CA	W	G4T1S1

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Federal Status with (NNNPS- recommended State Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
2		<i>Astragalus oophorus</i> var. <i>lonchocalyx</i> long-calyx eggvetch; pink e.	Li/UT	W	G4T2S2
LT	CE	<i>Astragalus phoenix</i> Ash Meadows milkvetch	Ny	T	G2S2
3C>		<i>Astragalus porrectus</i> Lahontan milkvetch	Ch,Hu,Ly,Pe,Wa	D	G2G3S2S3
3C>		<i>Astragalus pterocarpus</i> winged milkvetch	Ch,Hu,La,Pe	D	G3S3
2		<i>Astragalus remotus</i> Spring Mountain milkvetch	Cl	W	G1S1
2		<i>Astragalus robbinsii</i> var. <i>occidentalis</i> Lamoille Canyon milkvetch; Ruby m.; Robbins western m.	El	T	G5T2S2
3C>		<i>Astragalus serenoii</i> var. <i>sordescens</i> squalid milkvetch	Es,Ny	D	G4T2S2
2		<i>Astragalus solitarius</i> lonesome milkvetch; weak m.	Hu/ID,OR	W	G2G3S1
2		<i>Astragalus tiehmii</i> Tiehm milkvetch	Hu,Wa	W	G2S2
3C>		<i>Astragalus toquimanus</i> Toquima milkvetch	Ny	W	G2S2
2		<i>Astragalus uncialis</i> Currant milkvetch	Ny/UT	W	G2S1
2	CE	<i>Astragalus yoder-williamsii</i> Osgood Mountains milkvetch; Yoder-Williams m.	Hu/ID	W	G3S1
3B 3C		<i>Brickellia knappiana</i> Knapp brickellbush	Cl/CA	W	G3?S1
2		<i>Calochortus striatus</i> alkali mariposa lily; striped m. l.	Cl,Ny/CA	W	G2S1
--		<i>Camissonia boothii</i> ssp. <i>alyssoides</i> bottlebrush evening-primrose; Pine Creek e.-p.	Ch,Eu,La,Li,Ny,Pe,Wa /CA,ID,OR,UT		G5T3S3
2		<i>Camissonia megalantha</i> Cane Spring evening-primrose	Li,Ny	W	G2S2
3C>		<i>Camissonia nevadensis</i> Nevada evening-primrose	Cc,Ch,Do,Ly,Pe,St,Wa	D	G3S3
3C>		<i>Carex microptera</i> var. <i>crassinerva</i> thicknerve sedge	?/CO,WY	D	G4G5T3T4SU
3C>		<i>Carex whitneyi</i> Whitney sedge	/CA	A	GU
3B>		<i>Castilleja linoides</i> [= <i>C. flava</i>] yellow paintbrush	El,Hu/CO,ID,MT,OR,UT,WY	D	G4G5S4S5
--		<i>Castilleja martinii</i> var. <i>clokeyi</i> Clokey paintbrush	Cl,Ny/CA		G3T2S2
1 (LE)	CE	<i>Castilleja salsuginosa</i> Monte Neva paintbrush	Wp	E	G1QS1
--		<i>Caulanthus barnebyi</i> Barneby stemflower; B. wild cabbage	Hu,Pe	D	G2S2
LT	CE	<i>Centaurium namophilum</i> [≡ <i>C. n.</i> var. <i>n.</i>] spring-loving centaury	Ny/CA	T	G2QS2
2		<i>Chrysothamnus eremobius</i> remote rabbitbrush; Pintwater r.	Cl,Li	W	G1S1
3C>		<i>Cirsium clokeyi</i> Clokey thistle; Charleston t.	Cl	D	G2S2

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Federal Status with (NNNPS- recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
3C>		<i>Cirsium hallii</i> Hall thistle	Cl?/OR	D	G5SU
2		<i>Collomia renacta</i> Barren Valley collomia	El/OR	W	G1S1
2		<i>Cordylanthus tecopensis</i> Tecopa birdsbeak	Es,Ny/CA	T	G2S2
3C>	CY	<i>Coryphantha vivipara</i> ssp. <i>rosea</i> Clokey pincushion; rosy foxtail cactus	Cl,Es,Li,Ny/w. U.S.	D	G4T3S3
3C>		<i>Croton wigginsii</i> Wiggins croton	/AZ,CA,MEX.	A	G3
3C (3B)		<i>Cryptantha hoffmannii</i> [= <i>C. virginensis</i>] Hoffmann cryptantha	Cl,Es,Eu,La,Mi,Ny /AZ,CA,UT	D	G3QS3
2 (2*)	CE	<i>Cryptantha insolita</i> [= <i>C. virginensis</i> ?] unusual catseye; Las Vegas cryptantha	Cl	PE	GHQSH
3C>		<i>Cryptantha interrupta</i> Elko cryptantha; interrupted catseye	El,Eu,La,Ny,Wp /ID,MT,OR-CAN.	D	G3G4S3
2		<i>Cryptantha schoolcraftii</i> Schoolcraft catseye	Hu,Wa	W	G1G2S1S2
3C>		<i>Cryptantha tumulosa</i> New York Mountains catseye; Mojave cryptantha; sturdy forget-me-not	Cl,Ny/CA	W	G3?S2
2		<i>Cryptantha welshii</i> White River catseye; Welsh c.	Li,Ny,Wp	W	G1S1
3C>		<i>Cusickiella douglasii</i> [= <i>Draba d.</i> vars.] Douglas draba	Cc,Do,El,Eu,Hu,La,Ny,Wa /CA,OR,WA	D	G4S4
2		<i>Cusickiella quadricostata</i> [≡ <i>Draba q.</i>] Bodie Hills draba; four-rib whitlowgrass	Do,Mi/CA	W	G3S2
3C>		<i>Cymopterus basalticus</i> intermountain wavewing; dolomite spring-parsley	Wp/UT	W	G2G3S1
3C>		<i>Cymopterus corrugatus</i> corrugated wavewing	Ch,Hu,Pe,Wa/OR	D	G4S2
2		<i>Cymopterus goodrichii</i> Goodrich biscuitroot; G. parsley	La,Pe	W	G1S1
3C		<i>Cymopterus nivalis</i> [incl. <i>C. humboldtensis</i>] snow wavewing; s. parsley	El,Ny,Wp/ID,MT,OR,WY	D	G1S1
2		<i>Cymopterus ripleyi</i> var. <i>saniculoides</i> sanicle biscuitroot; Ripley b.	Li,Ny	W	G2T1QS1
3C>		<i>Dimeresia howellii</i> doublet	El,Hu,La,Wa/CA,ID,OR	D	G4S4
3B>		<i>Ditaxis diversiflora</i> [= <i>Argythamnia cyanophylla</i>] silverbush; blueleaf	Cl/AZ,NM	D	G4G5S4S5
2		<i>Draba arida</i> desert whitlowgrass; arid draba	La,Ny	W	G2S2
3C>		<i>Draba asterophora</i> var. <i>asterophora</i> Tahoe draba; star whitlowgrass	Wa/CA	W	G4T2S1
3C> (2)		<i>Draba crassifolia</i> var. <i>nevadensis</i> Arc Dome draba	Ny	W	G5T2QS2
3C>		<i>Draba cusickii</i> [≡ <i>D. sphaeroides</i> var. <i>c.</i>] Cusick whitlowgrass	El,Ny,Wp/ID,OR	W	G4S2
2		<i>Draba jaegeri</i> Jaeger whitlowgrass; J. draba	Cl	T	G2S2
3C>		<i>Draba lemmonii</i> var. <i>incrassata</i> Sweetwater Mountains draba	/CA	A	G4T3?

SENSITIVE VASCULAR PLANTS OF NEVADA - in alphabetic order (continued)

Federal Status with (NNNPS- recommended State Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
-- (2)		<i>Draba oreibata</i> var. <i>serpentina</i> Snake Range whitlowgrass	La,Wp	T	G3T1S1
2		<i>Draba paucifructa</i> Charleston draba	Cl	T	G1G2S1S2
--		<i>Draba pennellii</i> Pennell whitlowgrass	Wp	D	G2S2
3C>		<i>Draba stenoloba</i> var. <i>ramosa</i> Carson Range draba; branched d.	Cc,Do,Wa/CA-AK	D	G5T2T3S2
--		<i>Dudleya pulverulenta</i> ssp. <i>arizonica</i> chalk liveforever; Arizona dudleya; red d.	Cl/AZ,CA,MEX		G4T3S1S2
3B		<i>Eloдея nevadensis</i> [= <i>E. bifoliata</i> ?] Nevada waterweed	Wa	PE	GHQSH
LT	CE	<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i> Ash Meadows sunray	Ny	T	G5T2S2
3C>		<i>Ephedra funerea</i> Death Valley mormon tea	Cl/CA	D	G2?QS2
2		<i>Epilobium nevadense</i> Nevada willowherb	Cl,Eu,Li/UT	W	G2S2
--		<i>Erigeron cavemensis</i> [= <i>E. uncialis</i> var. <i>u.</i> ?] Cave Mountain fleabane	Ny,Wp		G1QS1
2		<i>Erigeron latus</i> broad fleabane	El/ID	W	G2S1
2		<i>Erigeron ovinus</i> sheep fleabane	Cl,Li	W	G1G2S1S2
3C>		<i>Erigeron uncialis</i> var. <i>conjugans</i> inch high fleabane; cliff daisy	Cl,Li,Ny,Wp	D	G3T3S3
2		<i>Eriogonum ammophilum</i> sand buckwheat	/UT	A	GU
2		<i>Eriogonum ampullaceum</i> Mono buckwheat; bottle b.	Es,Mi/CA	W	G3S1
2		<i>Eriogonum anemophilum</i> windloving buckwheat	Hu,La,Pe	W	G2G3S2S3
1 (LE)	CE	<i>Eriogonum argophyllum</i> Sulphur Springs buckwheat; Ruby Valley b.; silverleaf b.	El	E	G1S1
3C>		<i>Eriogonum beatleyae</i> Beatley buckwheat; goldmine b.	Ch,Es,Eu,La,Mi,Ny/CA	D	G2QS2
2		<i>Eriogonum bifurcatum</i> Pahrump Valley buckwheat; forked b.	Cl,Ny/CA	T	G2S1
3C>		<i>Eriogonum concinnum</i> Darin buckwheat	Ny	W	G2S2
3C>		<i>Eriogonum contiguum</i> Amargosa buckwheat; Reveal b.; annual desert trumpet	Cl,Ny/CA	D	G2G3S2
2	CE#	<i>Eriogonum crosbyae</i> Crosby buckwheat	Hu,Wa/OR	T	G2S2
3C>		<i>Eriogonum darrovii</i> Darrow buckwheat	Ny,Wp/AZ	D	G2G3S1
3C>		<i>Eriogonum eremicum</i> Utah desert buckwheat	/UT	A	GU
--		<i>Eriogonum heermannii</i> var. <i>clokeyi</i> Clokey buckwheat	Cl,Ny	W	G5T3?S3?
3C>		<i>Eriogonum heermannii</i> var. <i>floccosum</i> Clark Mountain buckwheat; woolly Heermann b.	Cl/CA	D	G5T2T3S1

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2		<i>Eriogonum hohngrenii</i> Holmgren buckwheat	Wp	T	G1S1
3C>		<i>Eriogonum lemmonii</i> Lemmon buckwheat	Ch,Ly,Pe,St,Wa	D	G2G3S2S3
2		<i>Eriogonum lewisii</i> Lewis buckwheat	El/UT	W	G1S1
3C>		<i>Eriogonum ovalifolium</i> var. <i>caelestinum</i> heavenly buckwheat	Ny	D	G5T2T3S2S3
LE	CE	<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i> Steamboat buckwheat	Wa	E	G5T1S1
3C (2)		<i>Eriogonum prociduum</i> prostrate buckwheat; Austin b.	Wa/CA,OR	W	G2S1
2		<i>Eriogonum robustum</i> [= <i>E. lobbii</i> var. <i>r.</i>] altered andesite buckwheat; Lobb b.	Cc,Ly,St,Wa	W	G2S2
3C>		<i>Eriogonum rubricaulis</i> Lahontan Basin buckwheat	Ch,Es,Hu,La,Ly,Mi,Ny,Pe	D	G3S3
2		<i>Eriogonum tiehmii</i> Tiehm buckwheat	Es	T	G1S1
2	CE	<i>Eriogonum viscidulum</i> sticky buckwheat; clammy b.	Cl	T	G2S2
3C		<i>Ferocactus acanthodes</i> var. <i>acanthodes</i> viznaga	/AZ,CA,MEX.	A	G5
--	CY	<i>Ferocactus acanthodes</i> var. <i>lecontei</i> Mojave barrel cactus; miners compass	Cl,Li,Ny/AZ,CA,UT	W	G5T4S4
3B>		<i>Fimbristylis thernalis</i> [= <i>F. spadicea</i>] hotspring feathersedge	El,La,Ny/CA/N. AMER.	D	G5S2
2	CE#	<i>Frasera gypsicola</i> Sunnyside green gentian; S. elkweed	Ny,Wp/UT	W	G1S1
2		<i>Frasera palutensis</i> Pahute green gentian; P. elkweed	Ny	W	G2G3S2S3
3B		<i>Fraxinus cuspidata</i> var. <i>macropetala</i> [= <i>F. c.</i>] large-petaled velvet ash	Cl,Li/AZ,NM,TX	D	G5S1
2		<i>Galium hilendiae</i> var. <i>kingstonense</i> Kingston bedstraw	Cl,Ny/CA	T	G4T2?S1
--		<i>Gentianella amarella</i> felwort; northern gentian	El,La,Ny,Wa,Wp /Circumboreal		G5S1
3B>		<i>Geranium toquimense</i> [= <i>G. caespitosum</i>] Toquima geranium	Ny/w. U.S.	D	G5S1
3C>		<i>Gilia nyensis</i> Nye gilia	Li,Ny	D	G2S2
3C>		<i>Gilia ripleyi</i> Ripley gilia	Cl,Li,Ny/CA	D	G2G3S2
2		<i>Glossopetalon clokeyi</i> [= <i>Forsellesia c.</i>] Clokey greasebush	Cl	W	G1S1
2		<i>Glossopetalon pungens</i> var. <i>glabra</i> smooth dwarf greasebush [= <i>Forsellesia p.</i> var. <i>g.</i>]	Cl/CA	W	G5T3S1
LT	CE	<i>Grindelia fraxino-pratensis</i> Ash Meadows gumplant	Ny/CA	T	G2S2
--		<i>Hackelia cusickii</i> juniper forget-me-not; Cusick stickseed	Hu,Wa/CA,OR	D	G3?S1
3C>		<i>Hackelia ophiobia</i> rattlesnake stickseed; Three Forks s.; Owyhee River s.; Owyhee forget-me-not	Hu/ID,OR	D	G3?S2

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Federal Status with (NNNPS- recommended State Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
3C>		<i>Hackelia sharsmithii</i> Sierran forget-me-not; Sharsmith stickseed	La,Ny/CA	D	G4?S2
3C>		<i>Haplopappus aberrans</i> [≡ <i>Tonestus a.</i>] Idaho tonestus; I. goldenweed	/ID	A	G3
2		<i>Haplopappus alpinus</i> [≡ <i>Tonestus a.</i>] alpine tonestus	La,Ny	W	G2S2
2		<i>Haplopappus canus</i> [≡ <i>Hazardia cana</i>] San Clemente Island hazardia	/CA,MEX.	A	G2
3C>		<i>Haplopappus cervinus</i> [≡ <i>Ericameria c.</i>] antelope goldenbush	Cl/AZ,UT	D	G2SU
3C>		<i>Haplopappus eximius</i> [≡ <i>Tonestus e.</i>] Tahoe tonestus	Wa/CA	D	G3G4S1
2		<i>Haplopappus graniticus</i> [≡ <i>Tonestus g.</i>] Lone Mountain tonestus	Es	W	G1S1
3C>		<i>Haplopappus watsonii</i> [≡ <i>Ericameria w.</i>] Watson goldenbush	El,La,Li,Mi,Ny,Wp/UT	D	G3G4QS3
3C>		<i>Hazardia brickelliioides</i> [≡ <i>Haplopappus b.</i>] holly goldenbush; Brickell g.	Cl,Ny/CA	D	G4?S3
3B		<i>Helianthus deserticola</i> [= <i>H. anomalus</i> ?] desert sunflower	Cl,Ch,Mi/AZ,UT	D	G3QS2
3C> (3B)		<i>Heuchera duranii</i> [= <i>H. parvifolia</i>] Duran alumroot	Do,La,Ly,Mi/CA	D	G2G3QS2S3
3C>		<i>Hulsea vestita</i> ssp. <i>inyoensis</i> Inyo hulsea; pumice h.	Mi,Ny/CA	W	G4T2T3S1S2
3C>		<i>Isoetes bolanderi</i> var. <i>pygmaea</i> pygmy quillwort	/AZ,CA	A	G4
2		<i>Ivesia cryptocaulis</i> hidden ivesia	Cl	T	G1S1
2		<i>Ivesia jaegeri</i> Jaeger ivesia	Cl/CA	W	G2S2
LT	CE	<i>Ivesia kingii</i> var. <i>eremica</i> [≡ <i>I. e.</i>] Ash Meadows ivesia	Ny	T	G3T1T2S1S2
2		<i>Ivesia pityocharis</i> Pine Nut Mountains ivesia; P. N. M. mousetails	Do	W	G1S1
2		<i>Ivesia rhypara</i> var. <i>rhypara</i> grimy ivesia	El,Wa/OR	W	G1T1S1
2		<i>Ivesia webberi</i> Webber ivesia	Do,Wa/CA	W	G2S2
2		<i>Jamesia tetrapetala</i> waxflower	Li,Ny,Wp/UT	W	G2S2
-- (2)		<i>Lathyrus grimesii</i> Grimes vetchling	El	T	G1S1
3C>		<i>Lathyrus hitchcockianus</i> Bullfrog Hills sweetpea; Hitchcock s.	Ny	W	G2S2
--		<i>Lathyrus laetivirens</i> plateau vetchling; bright sweetpea	Li/AZ,CO,UT		G4S1
3C>		<i>Lepidium nanum</i> dwarf peppergrass	El,Eu,Ny,Wp	D	G3S3
2		<i>Leptodactylon glabrum</i> Bruneau River prickly phlox; Owyhee p. p.	El,Pe/ID,OR	W	G1S1
3C>		<i>Lesquerella hitchcockii</i> Hitchcock bladderpod	Cl,Ny,Wp	D	G2G3S2S3

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2		<i>Lewisia maguirei</i> Maguire bitterroot	Ny	W	G1S1
3C>		<i>Linanthus arenicola</i> dune linanthus; gypsum l.	Cl,Ch,Es,Hu,Ny/CA,UT	D	G3?S3
3C>		<i>Lomatium foeniculaceum</i> ssp. <i>inyoense</i> Inyo Mountain parsley	El/CA	D	G5T3?S1
3C>		<i>Lomatium ravenii</i> Raven lovage	Ch,El,Eu,Hu,La,Ny,Pe Wa,Wp/CA,ID,UT	D	G4S4
3C>		<i>Lupinus argenteus</i> var. <i>montigenus</i> Mount Rose lupine [≡ <i>L. m.</i> ; <i>L. caudatus</i> ssp. <i>m.</i>]	Wa/CA	D	G5T3T4S3
3B		<i>Lupinus holmgrenanus</i> [= <i>L. polyphyllus</i>] Holmgren lupine	Es,Ny/CA	D	G5S4
3C>		<i>Lupinus malacophyllus</i> soft lupine	Cc,Do,Ly,Wa	D	G2G3S2S3
3B>		<i>Machaeranthera ammophila</i> [= <i>Psilactis coulteri</i>] sand aster	Ny/AZ,CA	D	G2QS1
3C>		<i>Machaeranthera grindelioides</i> var. <i>depressa</i> rayless tansyaster	Cl,Eu,Li,Wp/AZ,UT	D	G3T3S3
2 (3B)		<i>Machaeranthera laetevirens</i> vivid green aster [= <i>M. canescens</i> var. <i>c.</i>]	El,Li,Ny/AZ,ID,NM,UT	D	G5QS5
3C>		<i>Machaeranthera leucanthemifolia</i> desert hoary aster [≡ <i>M. canescens</i> var. <i>l.</i>]	widespread/CA,UT	D	G4S4
--		<i>Mentzelia candelariae</i> Candelaria stickleaf; C. blazingstar	Ch,Es,Mi,Ny,Pe		G2S2
LT	CE	<i>Mentzelia leucophylla</i> Ash Meadows blazingstar; A. M. stickleaf	Ny	T	G1S1
2		<i>Mentzelia mollis</i> smooth stickleaf	Hu/OR,ID	W	G2S1
2		<i>Mentzelia packardiae</i> Packard stickleaf	El/OR	T	G1S1
3C> (3B)		<i>Mertensia toyabensis</i> [= <i>M. cusickii</i>] Toiyabe bluebell	La	D	G2QS2
3B>		<i>Mimulus washoensis</i> [= <i>M. nanus</i>] Washoe monkeyflower; dwarf m.	Do,El,Hu,La,St,Wa /CA,ID,MT,OR,WA,WY	D	G5S4
3C>		<i>Mirabilis pudica</i> bashful four-o'clock; pale f.	Cl,Li,Ny	D	G3S3
LE	CE	<i>Nitrophila mohavensis</i> Amargosa niterwort	Ny/CA	E	G1S1
3C>	CY	<i>Opuntia pulchella</i> sand cholla	Ch,Do,Es,La,Ly,Mi,Ny, Pe,Wa/AZ,CA,UT	D	G4S2S3
1	CE#,CY	<i>Opuntia whipplei</i> var. <i>multigeniculata</i> Blue Diamond cholla	Cl,Ny?/AZ?	T	G2T1S1
2		<i>Oryctes nevadensis</i> oryctes	Ch,Es,Hu,Mi,Pe,St,Wa/CA	W	G2S2
3C>		<i>Oxytheca watsonii</i> Watson spinecup	Eu,La,Mi,Ny/CA	D	G2S2
--	CY	<i>Pediocactus simpsonii</i> var. <i>robustior</i> hedgehog thistle; h. cactus	El,Hu,La,Pe /ID,NM,OR,WA,WY	D	G4T4S2
--	CY	<i>Pediocactus simpsonii</i> var. <i>simpsonii</i> Simpson hedgehog cactus	Ch,El,La,Ny, Pe,Wp/AZ,CO,UT	D	G4T4S4
3C>		<i>Penstemon abietinus</i> firleaf beardtongue	/UT	A	G3G4

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2		<i>Penstemon albomarginatus</i> white-margined beardtongue	Cl,Ny/AZ,CA	T	G2S1S2
2		<i>Penstemon arenarius</i> Nevada dune beardtongue	Ch,Es,Mi,Ny	W	G2G3S2S3
2		<i>Penstemon bicolor</i> ssp. <i>bicolor</i> yellow twotone beardtongue	Cl	W	G2T2S2
2		<i>Penstemon bicolor</i> ssp. <i>roseus</i> rosy twotone beardtongue	Cl,Ny/AZ	D	G2T2S2
2		<i>Penstemon concinnus</i> Tunnel Springs beardtongue	Wp/UT	W	G3S2
3B>		<i>Penstemon decurvus</i> [= <i>P. humilis</i>] humble beardtongue	Es,Li,Ny/CA,CO, ID,OR,UT,WA,WY	D	G5S5
2		<i>Penstemon floribundus</i> Cordelia beardtongue	Hu	W	G2S2
2		<i>Penstemon fruticiformis</i> ssp. <i>amargosae</i> Death Valley beardtongue; Amargosa bush penstemon	Cl,Ny/CA	T	G3T2T3S2
3C>		<i>Penstemon leiophyllus</i> var. <i>francisci-pennellii</i> Pennell beardtongue	Li,Ny,Wp/UT	W	G2QT2S1
3C>		<i>Penstemon leiophyllus</i> var. <i>keckii</i> Charleston beardtongue; Keck b.	Cl	W	G2T2S2
3C>		<i>Penstemon moriahensis</i> Mount Moriah beardtongue	Wp	W	G1G2S1S2
3C>		<i>Penstemon nanus</i> dwarf beardtongue; low b.	/UT	A	G3
3B>		<i>Penstemon nyeensis</i> [= <i>P. kingii</i>] Nye beardtongue	Ch,El,Es,Hu,La,Ny, Pe,Wp/OR	D	G4S4
2		<i>Penstemon pahutensis</i> Pahute Mesa beardtongue	Ny	T	G2S2
3C>		<i>Penstemon patricus</i> [≡ <i>P. leonardii</i> var. <i>p.</i>] dad's penstemon	Wp/UT	D	G2S1
--		<i>Penstemon petiolatus</i> [= <i>P. calcareus</i> Jones] limestone beardtongue [not <i>P. calcareus</i> T.S. Brandegee]	Cl,Li,Ny/UT		G3S2
3C>		<i>Penstemon procerus</i> var. <i>modestus</i> small flower beardtongue	El	W	G5T2T3S2S3
2		<i>Penstemon pudicus</i> bashful beardtongue	Ny	T	G1S1
3C>		<i>Penstemon rubicundus</i> Wassuk beardtongue	Do,Es,Mi	D	G2G3S2S3
3C>		<i>Penstemon thompsoniae</i> ssp. <i>jaegeri</i> Jaeger beardtongue	Cl	W	G4G5T2S2
3B>		<i>Penstemon thurberi</i> var. <i>anestius</i> [= <i>P. t.</i>] Thurber beardtongue	Ny/AZ,CA,NM,MEX	D	G4S1
3C>		<i>Perityle megalcephala</i> var. <i>intricata</i> delicate rockdaisy; Nevada r.	Cl,Es,Ny/CA	W	G3T2S2
3C>		<i>Peteria thompsonae</i> spiny-node milkvetch	Cl,Es,Li,Ny/AZ,CA,ID,UT	D	G4S2
C>		<i>Phacelia anelsonii</i> Aven Nelson phacelia	Cl,Li,Ny/CA,UT	D	G2G3S1S2
		<i>Phacelia beatleyae</i> Beatley scorpion plant	Li,Ny	W	G2S2
C>		<i>Phacelia glaberrima</i> Reese River phacelia	Ch,La,Ly,Mi,Pe	D	G2G3S2S3

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2	CE	<i>Phacelia inconspicua</i> obscure scorpion plant	Pe/ID	E	G1S1
--		<i>Phacelia lutea</i> var. <i>calva</i> Malheur yellow phacelia	Hu/ID,OR	D	G4T2S1
-- (2)		<i>Phacelia minutissima</i> least phacelia; dwarf p.	El,Eu/ID	T	G2S1
2		<i>Phacelia monoensis</i> Mono phacelia	Es,Ly,Mi/CA	T	G2S2
3C>		<i>Phacelia mustelina</i> weasel phacelia; Death Valley roundleaf p.	Ny/CA	W	G2G3S2
3B		<i>Phacelia nevadensis</i> [= <i>P. incana</i>] Nevada phacelia	El,Eu,Li,Ny,Wp /CO,ID,UT,WY	D	G5S4
3C>		<i>Phacelia parishii</i> Parish phacelia; playa p.	Cl,Li,Ny,Wp/CA	D	G2S1
3C>		<i>Phlox gladiiformis</i> daggerleaf phlox; musky p.; Red Canyon p.	Li/UT	D	G2G3S2
3C>		<i>Pilostyles thurberi</i> Thurber pilostyles	Ny/AZ,CA,NM,TX	D	G3S1
--	CY	<i>Pinus longaeva</i> ancient bristlecone pine; Great Basin b. p.	Cl,El,Es,Eu,Ny,Pe,Wp/CA,UT		G4S3
--	CY	<i>Pinus washoensis</i> Washoe pine	Wa/CA,OR		G2QS2
3B>		<i>Polemonium nevadense</i> [= <i>P. pulcherrimum</i> var. <i>p.</i>] Nevada jacob's ladder	Hu,Ny/CA,ID,OR,UT, WA to AK	D	G5T5S4
1 (LT)	CE	<i>Polyctenium williamsiae</i> Williams combleaf	Wa	T	G1S1
3C>		<i>Polygala subspinosa</i> var. <i>heterorhyncha</i> desert milkwort	Li,Ny/CA	W	G4T3S2
-- (2)		<i>Porophyllum pygmaeum</i> pygmy poreleaf	Cl	W	G1S1
1		<i>Potentilla basaltica</i> Soldier Meadows cinquefoil; Basalt c.	Hu	T	G1S1
2		<i>Potentilla cottamii</i> Cottam cinquefoil	El/UT	W	G1S1
2	CE	<i>Primula capillaris</i> Ruby Mountain primrose	El	T	G1S1
2		<i>Primula nevadensis</i> Nevada primrose	Ny,Wp	T	G1S1
3C>		<i>Psoralea kingii</i> Lahontan indigobush; King dalea	Ch,Hu	W	G3S3
1	CE	<i>Rorippa subumbellata</i> Tahoe yellowcress	Do,Wa/CA	T	G1S1
2		<i>Salvia dorrii</i> var. <i>clokeyi</i> Clokey mountain sage; C. purple sage	Cl	W	G5T2S2
3C> (2)		<i>Salvia funerea</i> Death Valley sage	Es,Ny/CA	W	G3?S1
2	CY	<i>Sclerocactus blainei</i> Blaine pincushion; B. fishhook cactus	Ny	W	G1S1
3C>	CY	<i>Sclerocactus polyancistrus</i> Mojave fishhook cactus; pineapple c.	Es,Mi,Ny/CA	D	G4S2
3C>	CY	<i>Sclerocactus pubispinus</i> var. <i>pubispinus</i> Great Basin fishhook cactus	El,Li,Ny,Wp/AZ,UT	D	G4T4S3

SENSITIVE VASCULAR PLANTS OF NEVADA - in alphabetic order (continued)

Federal Status with (NNNPS- recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
2	CY	<i>Sclerocactus schlesseri</i> Schlesser pincushion; S. fishhook cactus	Li	W	G1S1
3C		<i>Scutellaria holmgreniorum</i> Ravendale skullcap	Wa/CA,OR	W	G3S2
2		<i>Selaginella utahensis</i> Utah spikemoss	Cl/UT	W	G2SH
3B>		<i>Senecio lyceus</i> var. <i>leucoreus</i> [= <i>S. multilobatus</i>] basin butterweed; b. groundsel; b. ragwort	all counties/AZ,CA, NM,OR,TX,WY,UT	D	G5S5
-- (3B)		<i>Senecio toyabensis</i> [= <i>S. spartioides</i>] Toiyabe groundsel	La,Ny,Wp	D	G2QS2
3C>		<i>Sidalcea candida</i> white checkermallow; w. checkerbloom	Wp/CO,NM,UT,WY	D	G4S1
2		<i>Silene clokeyi</i> Clokey catchfly; C. champion	Cl	T	G1S1
2		<i>Silene nachlingerae</i> Nachlinger catchfly; N. champion	El,Ny,Wp	W	G2S2
3C>		<i>Silene scaposa</i> var. <i>lobata</i> lobed catchfly	El,Eu,Hu,La,Mi,Ny,Wp /ID,OR	D	G4T4S3
3C>		<i>Smelowskia holmgrenii</i> Holmgren smelowskia	El,Hu,La,Ny,Pe,Wp	D	G2S2
2		<i>Sphaeralcea caespitosa</i> Jones globemallow	Ny/UT	W	G3S2
--		<i>Sphaeromeria "williamsiae"</i>		D	
1		<i>Sphaeromeria compacta</i> Charleston tansy	Cl	T	G2S2
PT	CE#	<i>Spiranthes diluvialis</i> plateau lady's tresses	Li/CO,UT	T	G2SH
2		<i>Spiranthes infernalis</i> Ash Meadows lady's tresses	Ny	T	G1S1
2		<i>Streptanthus oliganthus</i> Masonic Mountain jewelflower; M. M. twistflower	Es,Ly,Mi/CA	W	G3S2
2		<i>Stroganowia tiehmii</i> Tiehm stroganowia	Ly	W	G1S1
1 (LE)		<i>Synthyris ranunculina</i> Charleston kittentails	Cl	E	G1S1
3C>		<i>Thelypodium laxiflorum</i> loose-flowered thelypody	Cl,Li,Ny/CO,UT	D	G4S2
3C>		<i>Thelypodium sagittatum</i> ssp. <i>ovalifolium</i> ovalleaf thelypody; broadarrow t.	El,Ny,Wp/UT	D	G3G4T2S2
2		<i>Townsendia jonesii</i> var. <i>tumulosa</i> Charleston grounddaisy	Cl,Ny	W	G2T2S2
3B		<i>Townsendia</i> sp. nov. [= <i>T. jonesii</i> var. <i>j.</i>] Jones grounddaisy	Cl,Li,Ny,Wp/UT	D	G4T4S2S3
3C>		<i>Trifolium andersonii</i> ssp. <i>beatleyae</i> Beatley clover; Mono c.; fiveleaf c.; Anderson c.	Do,Es,Hu,Ny,St,Wa/CA	D	G4T4S4
-- (2)		<i>Trifolium andinum</i> var. <i>podocephalum</i> Currant Summit clover	Li,Ny	W	G4?T1S1
2		<i>Trifolium leibergii</i> Leiberg clover	El/OR	W	G1S1
3C>		<i>Trifolium lemmonii</i> Lemmon clover	Wa/CA	D	G3?S1

SENSITIVE VASCULAR PLANTS OF NEVADA - in alphabetic order (continued)

Federal Status with (NNNPS- recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
-- (2)		<i>Trifolium macilentum</i> var. <i>rollinsii</i> Rollins clover; Toiyabe lean c.	La,Ny	W	G4T1S1
3C>		<i>Viola purpurea</i> var. <i>charlestonensis</i> Charleston violet; limestone v.	Cl/UT	W	G5T2T3QS2
3C>		<i>Zigadenus vaginatus</i> sheathed death camas	/UT	A	G2

(Accepted names in boldface.)

SYNONYM

LISTED AS

Abronia turbinata	<i>Abronia orbiculata</i>
Argythamnia cyanophylla	<i>Ditaxis diversiflora</i>
<i>Astragalus musimonum</i>	Astragalus amphioxys var. musimonum
Astragalus pseudiodanthus	<i>Astragalus iodanthus</i> var. <i>pseudiodanthus</i>
<i>Astragalus tephrodes</i> var. <i>eurylobus</i>	Astragalus eurylobus
<i>Astragalus triquetrus</i>	Astragalus geyeri var. triquetrus
Castilleja flava	<i>Castilleja linoidea</i>
<i>Centaurium namophilum</i> var. <i>namophilum</i>	Centaurium namophilum
Cryptantha virginensis	<i>Cryptantha hoffmannii</i>
Cryptantha virginensis?	<i>Cryptantha insolita</i>
<i>Cymopterus humboldtensis</i>	Cymopterus nivalis
<i>Draba douglasii</i> var. <i>crockeri</i>	Cusickiella douglasii
<i>Draba douglasii</i> var. <i>douglasii</i>	Cusickiella douglasii
<i>Draba quadricostata</i>	Cusickiella quadricostata
<i>Draba sphaeroides</i> var. <i>cusickii</i>	Draba cusickii
Elodea bifoliata?	<i>Elodea nevadensis</i>
<i>Ericameria cervinus</i>	Haplopappus cervinus
<i>Ericameria watsonii</i>	Haplopappus watsonii
<i>Erigeron uncialis</i> var. <i>uncialis</i> (?)	Erigeron cavernensis
<i>Eriogonum lobbii</i> var. <i>robustum</i>	Eriogonum robustum
Fimbristylis spadicea	<i>Fimbristylis thermalis</i>
<i>Forsellesia clokeyi</i>	Glossopetalon clokeyi
<i>Forsellesia pungens</i> var. <i>glabra</i>	Glossopetalon pungens var. glabra
Fraxinus cuspidata	<i>Fraxinus cuspidata</i> var. <i>macropetala</i>
Geranium caespitosum	<i>Geranium toquimense</i>
<i>Haplopappus brickellioides</i>	Hazardia brickellioides
<i>Hazardia cana</i>	Haplopappus canus
<i>Helianthus anomalus?</i>	Helianthus deserticola
Heuchera parvifolia	<i>Heuchera duranii</i>
<i>Ivesia eremica</i>	Ivesia kingii var. eremica
<i>Lupinus caudatus</i> ssp. <i>montigenus</i>	Lupinus argenteus var. montigenus
<i>Lupinus montigenus</i>	Lupinus argenteus var. montigenus
Lupinus polyphyllus	<i>Lupinus holmgrenanus</i>
Machaeranthera canescens var. canescens	<i>Machaeranthera laetevirens</i>
Machaeranthera canescens var. leucanthemifolia	<i>Machaeranthera leucanthemifolia</i>
Mertensia cusickii	<i>Mertensia toyabensis</i>
Mimulus nanus	<i>Mimulus washoensis</i>
<i>Penstemon calcareus</i>	Penstemon petiolatus
Penstemon humilis	<i>Penstemon decurvus</i>
Penstemon kingii	<i>Penstemon nyeensis</i>
<i>Penstemon leonardii</i> var. <i>patricus</i>	Penstemon patricus
Penstemon thurberi	<i>Penstemon thurberi</i> var. <i>anestius</i>
Phacelia incana	<i>Phacelia nevadensis</i>
Polemonium pulcherrimum var. pulcherrimum	<i>Polemonium nevadense</i>
Psilactis coulteri	<i>Machaeranthera ammophila</i>

(Accepted names in boldface.)

SYNONYM

LISTED AS

Senecio multilobatus

Senecio lyceus var. *leucoreus*

Senecio spartioides

Senecio toyabensis

Tonestus aberrans

Haplopappus aberrans

Tonestus alpinus

Haplopappus alpinus

Tonestus eximius

Haplopappus eximius

Tonestus graniticus

Haplopappus graniticus

Townsendia jonesii var. *jonesii*

Townsendia sp. nov.

COMMON NAME	SCIENTIFIC NAME LISTED
agave, Clark Mountain	<i>Agave utahensis</i> var. <i>nevadensis</i>
agave, ivory-spined	<i>Agave utahensis</i> var. <i>eborispina</i>
alumroot, Duran	<i>Heuchera duranii</i>
angelica, rough	<i>Angelica scabrida</i>
angelica, Wheeler	<i>Angelica wheeleri</i>
ash, velvet, large-petaled	<i>Fraxinus cuspidata</i> var. <i>macropetala</i>
aster, hoary, desert	<i>Machaeranthera leucanthemifolia</i>
aster, sand	<i>Machaeranthera ammophila</i>
aster, vivid green	<i>Machaeranthera laetevirens</i>
beardtongue, bashful	<i>Penstemon pudicus</i>
beardtongue, Charleston	<i>Penstemon leiophyllus</i> var. <i>keckii</i>
beardtongue, Cordelia	<i>Penstemon floribundus</i>
beardtongue, Death Valley	<i>Penstemon fruticiformis</i> ssp. <i>amargosae</i>
beardtongue, dune, Nevada	<i>Penstemon arenarius</i>
beardtongue, dwarf	<i>Penstemon nanus</i>
beardtongue, firleaf	<i>Penstemon abietinus</i>
beardtongue, humble	<i>Penstemon decurvedus</i>
beardtongue, Jaeger	<i>Penstemon thompsoniae</i> ssp. <i>jaegeri</i>
beardtongue, Keck	<i>Penstemon leiophyllus</i> var. <i>keckii</i>
beardtongue, limestone	<i>Penstemon petiolatus</i>
beardtongue, low	<i>Penstemon nanus</i>
beardtongue, Mount Moriah	<i>Penstemon moriahensis</i>
beardtongue, Nye	<i>Penstemon nyeensis</i>
beardtongue, Pahute Mesa	<i>Penstemon pahutensis</i>
beardtongue, Pennell	<i>Penstemon leiophyllus</i> var. <i>francisci-pennellii</i>
beardtongue, small flower	<i>Penstemon procerus</i> var. <i>modestus</i>
beardtongue, Thurber	<i>Penstemon thurberi</i> var. <i>anestius</i>
beardtongue, Tunnel Springs	<i>Penstemon concinnus</i>
beardtongue, twotone, rosy	<i>Penstemon bicolor</i> ssp. <i>roseus</i>
beardtongue, twotone, yellow	<i>Penstemon bicolor</i> ssp. <i>bicolor</i>
beardtongue, Wassuk	<i>Penstemon rubicundus</i>
beardtongue, white-margined	<i>Penstemon albomarginatus</i>
bearpoppy, California	<i>Arctomecon californica</i>
bearpoppy, Merriam	<i>Arctomecon merriamii</i>
bearpoppy, white	<i>Arctomecon merriamii</i>
bedstraw, Kingston	<i>Galium hilendiae</i> var. <i>kingstonense</i>
birdsbeak, Tecopa	<i>Cordylanthus tecopensis</i>
biscuitroot, Goodrich	<i>Cymopterus goodrichii</i>
biscuitroot, Ripley	<i>Cymopterus ripleyi</i> var. <i>saniculoides</i>
biscuitroot, sanicle	<i>Cymopterus ripleyi</i> var. <i>saniculoides</i>
bitterroot, Maguire	<i>Lewisia maguirei</i>
bladderpod, Hitchcock	<i>Lesquerella hitchcockii</i>
blazingstar, Ash Meadows	<i>Mentzelia leucophylla</i>
blazingstar, Candelaria	<i>Mentzelia candelariae</i>
bluebell, Toiyabe	<i>Mertensia toyabensis</i>
blueleaf	<i>Ditaxis diversiflora</i>
brickellbush, Knapp	<i>Brickellia knappiana</i>
buckwheat, altered andesite	<i>Eriogonum lobbii</i> var. <i>robustum</i>
buckwheat, Amargosa	<i>Eriogonum contiguum</i>
buckwheat, Austin	<i>Eriogonum prociduum</i>
buckwheat, Beatley	<i>Eriogonum beatleyae</i>
buckwheat, bottle	<i>Eriogonum ampullaceum</i>
buckwheat, clammy	<i>Eriogonum viscidulum</i>
buckwheat, Clark Mountain	<i>Eriogonum heermannii</i> var. <i>floccosum</i>

SENSITIVE VASCULAR PLANTS OF NEVADA - Index to common names (continued)

COMMON NAME	SCIENTIFIC NAME LISTED
buckwheat, Clokey	<i>Eriogonum heermannii</i> var. <i>clokeyi</i>
buckwheat, Crosby	<i>Eriogonum crosbyae</i>
buckwheat, Darin	<i>Eriogonum concinnum</i>
buckwheat, Darrow	<i>Eriogonum darrovii</i>
buckwheat, desert, Utah	<i>Eriogonum eremicum</i>
buckwheat, forked	<i>Eriogonum bifurcatum</i>
buckwheat, goldmine	<i>Eriogonum beatleyae</i>
buckwheat, heavenly	<i>Eriogonum ovalifolium</i> var. <i>caelestinum</i>
buckwheat, Heermann, woolly	<i>Eriogonum heermannii</i> var. <i>floccosum</i>
buckwheat, Holmgren	<i>Eriogonum holmgrenii</i>
buckwheat, Lahontan Basin	<i>Eriogonum rubricaulae</i>
buckwheat, Lemmon	<i>Eriogonum lemmonii</i>
buckwheat, Lewis	<i>Eriogonum lewisii</i>
buckwheat, Lobb	<i>Eriogonum lobbii</i> var. <i>robustum</i>
buckwheat, Mono	<i>Eriogonum ampullaceum</i>
buckwheat, Pahrump Valley	<i>Eriogonum bifurcatum</i>
buckwheat, prostrate	<i>Eriogonum prociduum</i>
buckwheat, Reveal	<i>Eriogonum contiguum</i>
buckwheat, Ruby Valley	<i>Eriogonum argophyllum</i>
buckwheat, sand	<i>Eriogonum ammophilum</i>
buckwheat, silverleaf	<i>Eriogonum argophyllum</i>
buckwheat, Steamboat	<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>
buckwheat, sticky	<i>Eriogonum viscidulum</i>
buckwheat, Sulphur Springs	<i>Eriogonum argophyllum</i>
buckwheat, Tiehm	<i>Eriogonum tiehmii</i>
buckwheat, windloving	<i>Eriogonum anemophilum</i>
butterweed, basin	<i>Senecio lyceus</i> var. <i>leucoreus</i>
cabbage, wild, Barneby	<i>Caulanthus barnebyi</i>
cactus, barrel, Mojave	<i>Ferocactus acanthodes</i> var. <i>lecontei</i>
cactus, fishhook, Blaine	<i>Sclerocactus blainei</i>
cactus, fishhook, Great Basin	<i>Sclerocactus pubispinus</i> var. <i>pubispinus</i>
cactus, fishhook, Mojave	<i>Sclerocactus polyancistrus</i>
cactus, fishhook, Schlessler	<i>Sclerocactus schlessleri</i>
cactus, foxtail, rosy	<i>Coryphantha vivipara</i> ssp. <i>rosea</i>
cactus, hedgehog	<i>Pediocactus simpsonii</i> var. <i>robustior</i>
cactus, hedgehog, Simpson	<i>Pediocactus simpsonii</i> var. <i>simpsonii</i>
cactus, pineapple	<i>Sclerocactus polyancistrus</i>
campion, Clokey	<i>Silene clokeyi</i>
campion, Nachlinger	<i>Silene nachlingerae</i>
catchfly, Clokey	<i>Silene clokeyi</i>
catchfly, lobed	<i>Silene scaposa</i> var. <i>lobata</i>
catchfly, Nachlinger	<i>Silene nachlingerae</i>
catseye, interrupted	<i>Cryptantha interrupta</i>
catseye, New York Mountains	<i>Cryptantha tumulosa</i>
catseye, Schoolcraft	<i>Cryptantha schoolcraftii</i>
catseye, unusual	<i>Cryptantha insolita</i>
catseye, Welsh	<i>Cryptantha welshii</i>
catseye, White River	<i>Cryptantha welshii</i>
centaury, spring-loving	<i>Centaureum namophilum</i>
checkerbloom, white	<i>Sidalcea candida</i>
checkermallow, white	<i>Sidalcea candida</i>
cholla, Blue Diamond	<i>Opuntia whipplei</i> var. <i>multigeniculata</i>
cholla, sand	<i>Opuntia pulchella</i>
cinquefoil, basalt	<i>Potentilla basaltica</i>

COMMON NAME	SCIENTIFIC NAME LISTED
cinquefoil, Cottam	<i>Potentilla cottamii</i>
cinquefoil, Soldier Meadows	<i>Potentilla basaltica</i>
clover, Anderson	<i>Trifolium andersonii</i> ssp. <i>beatleyae</i>
clover, Beatley	<i>Trifolium andersonii</i> ssp. <i>beatleyae</i>
clover, Currant Summit	<i>Trifolium andinum</i> var. <i>podocephalum</i>
clover, fiveleaf	<i>Trifolium andersonii</i> ssp. <i>beatleyae</i>
clover, lean, Toiyabe	<i>Trifolium macilentum</i> var. <i>rollinsii</i>
clover, Leiberg	<i>Trifolium leibergii</i>
clover, Lemmon	<i>Trifolium lemmonii</i>
clover, Mono	<i>Trifolium andersonii</i> ssp. <i>beatleyae</i>
clover, Rollins	<i>Trifolium macilentum</i> var. <i>rollinsii</i>
collomia, Barren Valley	<i>Collomia renacta</i>
combleaf, Williams	<i>Polyctenium williamsiae</i>
compass, miners	<i>Ferocactus acanthodes</i> var. <i>lecontei</i>
croton, Wiggins	<i>Croton wigginsii</i>
cryptantha, Elko	<i>Cryptantha interrupta</i>
cryptantha, Hoffmann	<i>Cryptantha hoffmannii</i>
cryptantha, Las Vegas	<i>Cryptantha insolita</i>
cryptantha, Mojave	<i>Cryptantha tumulosa</i>
daisy, cliff	<i>Erigeron uncialis</i> var. <i>conjugans</i>
dalea, King	<i>Psoralea kingii</i>
death camas, sheathed	<i>Zigadenus vaginatus</i>
desert trumpet, annual	<i>Eriogonum contiguum</i>
doublet	<i>Dimeresia howellii</i>
draba, Arc Dome	<i>Draba crassifolia</i> var. <i>nevadensis</i>
draba, arid	<i>Draba arida</i>
draba, Bodie Hills	<i>Cusickiella quadricostata</i>
draba, branched	<i>Draba stenoloba</i> var. <i>ramosa</i>
draba, Carson Range	<i>Draba stenoloba</i> var. <i>ramosa</i>
draba, Charleston	<i>Draba pauciflora</i>
draba, Douglas	<i>Cusickiella douglasii</i>
draba, Jaeger	<i>Draba jaegeri</i>
draba, Sweetwater Mountains	<i>Draba lemmonii</i> var. <i>incrassata</i>
draba, Tahoe	<i>Draba asterophora</i> var. <i>asterophora</i>
dudleya, Arizona	<i>Dudleya pulverulenta</i> ssp. <i>arizonica</i>
dudleya, red	<i>Dudleya pulverulenta</i> ssp. <i>arizonica</i>
eggvetch, Clokey	<i>Astragalus oophorus</i> var. <i>clokeyanus</i>
eggvetch, Lavin	<i>Astragalus oophorus</i> var. <i>lavinii</i>
eggvetch, long-calyx	<i>Astragalus oophorus</i> var. <i>lonchocalyx</i>
eggvetch, pink	<i>Astragalus oophorus</i> var. <i>lonchocalyx</i>
elkweed, Pahute	<i>Frasera pahutensis</i>
elkweed, Sunnyside	<i>Frasera gypsicola</i>
evening-primrose, bottlebrush	<i>Camissonia boothii</i> ssp. <i>alyssoides</i>
evening-primrose, Cane Spring	<i>Camissonia megalantha</i>
evening-primrose, Nevada	<i>Camissonia nevadensis</i>
evening-primrose, Pine Creek	<i>Camissonia boothii</i> ssp. <i>alyssoides</i>
feathersedge, hot spring	<i>Fimbristylis thermalis</i>
felwort	<i>Gentianella amarella</i>
fleabane, broad	<i>Erigeron latus</i>
fleabane, Cave Mountain	<i>Erigeron cavernensis</i>
fleabane, inch high	<i>Erigeron uncialis</i> var. <i>conjugans</i>
fleabane, sheep	<i>Erigeron ovinus</i>
forget-me-not, juniper	<i>Hackelia cusickii</i>
forget-me-not, Owyhee	<i>Hackelia ophiobia</i>

SENSITIVE VASCULAR PLANTS OF NEVADA - Index to common names (continued)

COMMON NAME

SCIENTIFIC NAME LISTED

forget-me-not, Sierran	<i>Hackelia sharsmithii</i>
forget-me-not, sturdy	<i>Cryptantha tumulosa</i>
four-o'clock, bashful	<i>Mirabilis pudica</i>
four-o'clock, pale	<i>Mirabilis pudica</i>
gentian, green, Pahute	<i>Frasera pahutensis</i>
gentian, green, Sunnyside	<i>Frasera gypsicola</i>
gentian, northern	<i>Gentianella amarella</i>
geranium, Toquima	<i>Geranium toquimense</i>
gilia, Nye	<i>Gilia nyensis</i>
gilia, Ripley	<i>Gilia ripleyi</i>
globemallow, Jones	<i>Sphaeralcea caespitosa</i>
goldenbush, antelope	<i>Haplopappus cervinus</i>
goldenbush, Brickell	<i>Hazardia brickellioides</i>
goldenbush, holly	<i>Hazardia brickellioides</i>
goldenbush, Watson	<i>Haplopappus watsonii</i>
goldenweed, Idaho	<i>Haplopappus aberrans</i>
greasebush, Clokey	<i>Glossopetalon clokeyi</i>
greasebush, dwarf, smooth	<i>Glossopetalon pungens</i> var. <i>glabra</i>
grounddaisy, Charleston	<i>Townsendia jonesii</i> var. <i>tumulosa</i>
grounddaisy, Jones	<i>Townsendia</i> sp. nov.
groundsel, basin	<i>Senecio lyceus</i> var. <i>leucoreus</i>
groundsel, Toiyabe	<i>Senecio toiyabensis</i>
gumplant, Ash Meadows	<i>Grindelia fraxino-pratensis</i>
hazardia, San Clemente Island	<i>Haplopappus canus</i>
horsemint, Cusick	<i>Agastache cusickii</i>
hulsea, Inyo	<i>Hulsea vestita</i> ssp. <i>inyoensis</i>
hulsea, pumice	<i>Hulsea vestita</i> ssp. <i>inyoensis</i>
hyssop, Cusick	<i>Agastache cusickii</i>
indigobush, Lahontan	<i>Psoralea kingii</i>
ivesia, Ash Meadows	<i>Ivesia kingii</i> var. <i>eremica</i>
ivesia, grimy	<i>Ivesia rhypara</i> var. <i>rhypara</i>
ivesia, hidden	<i>Ivesia cryptocaulis</i>
ivesia, Jaeger	<i>Ivesia jaegeri</i>
ivesia, Pine Nut Mountains	<i>Ivesia pityocharis</i>
ivesia, Webber	<i>Ivesia webberi</i>
jacob's ladder, Nevada	<i>Polemonium nevadense</i>
jewelflower, Masonic Mountain	<i>Streptanthus oliganthus</i>
kittentails, Charleston	<i>Synthyris ramunculina</i>
lady's tresses, Ash Meadows	<i>Spiranthes infernalis</i>
lady's tresses, plateau	<i>Spiranthes diuvialis</i>
linanthus, dune	<i>Linanthus arenicola</i>
linanthus, gypsum	<i>Linanthus arenicola</i>
liveforever, chalk	<i>Dudleya pulverulenta</i> ssp. <i>arizonica</i>
lovage, Raven	<i>Lomatium ravenii</i>
lupine, Holmgren	<i>Lupinus holmgrenanus</i>
lupine, Mount Rose	<i>Lupinus argenteus</i> var. <i>montigenus</i>
lupine, soft	<i>Lupinus malacophyllus</i>
mariposa lily, alkali	<i>Calochortus striatus</i>
mariposa lily, striped	<i>Calochortus striatus</i>
milkvetch, Ackerman	<i>Astragalus ackermanii</i>
milkvetch, Alvord	<i>Astragalus alvordensis</i>
milkvetch, Ash Meadows	<i>Astragalus phoenix</i>
milkvetch, Beatley	<i>Astragalus beatleyae</i>
milkvetch, black	<i>Astragalus funereus</i>

COMMON NAME	SCIENTIFIC NAME LISTED
milkvetch, Callaway	<i>Astragalus callithrix</i>
milkvetch, Cima	<i>Astragalus cimae</i> var. <i>cimae</i>
milkvetch, Clokey	<i>Astragalus aequalis</i>
milkvetch, crescent	<i>Astragalus amphioxys</i> var. <i>musimonum</i>
milkvetch, Currant	<i>Astragalus uncialis</i>
milkvetch, Darwin Mesa	<i>Astragalus mohavensis</i> var. <i>hemigyris</i>
milkvetch, equal	<i>Astragalus aequalis</i>
milkvetch, Eureka Valley	<i>Astragalus lentiginosus</i> var. <i>micans</i>
milkvetch, freckled, broad-pod	<i>Astragalus lentiginosus</i> var. <i>latus</i>
milkvetch, Funeral	<i>Astragalus funereus</i>
milkvetch, Gilman	<i>Astragalus gilmanii</i>
milkvetch, Goose Creek	<i>Astragalus anserinus</i>
milkvetch, halfring	<i>Astragalus mohavensis</i> var. <i>hemigyris</i>
milkvetch, Lahontan	<i>Astragalus porrectus</i>
milkvetch, Lamoille Canyon	<i>Astragalus robbinsii</i> var. <i>occidentalis</i>
milkvetch, lonesome	<i>Astragalus solitarius</i>
milkvetch, Long Valley	<i>Astragalus johannis-howellii</i>
milkvetch, meadow	<i>Astragalus diversifolius</i>
milkvetch, Mojave, curvoped	<i>Astragalus mohavensis</i> var. <i>hemigyris</i>
milkvetch, Mokiak	<i>Astragalus mokiaceus</i>
milkvetch, Needle Mountains	<i>Astragalus eurylobus</i>
milkvetch, Nye	<i>Astragalus nyensis</i>
milkvetch, Osgood Mountains	<i>Astragalus yoder-williamsii</i>
milkvetch, Peck Station	<i>Astragalus eurylobus</i>
milkvetch, Pine Valley	<i>Astragalus convallarius</i> var. <i>finitimus</i>
milkvetch, Rhyolite	<i>Astragalus funereus</i>
milkvetch, Ruby	<i>Astragalus robbinsii</i> var. <i>occidentalis</i>
milkvetch, rushy, lesser	<i>Astragalus convallarius</i> var. <i>finitimus</i>
milkvetch, rushy, Margaret	<i>Astragalus convallarius</i> var. <i>margaretae</i>
milkvetch, San Pitch Valley	<i>Astragalus lentiginosus</i> var. <i>chartaceus</i>
milkvetch, Sheep Mountain	<i>Astragalus amphioxys</i> var. <i>musimonum</i>
milkvetch, shining	<i>Astragalus lentiginosus</i> var. <i>micans</i>
milkvetch, Sodaville	<i>Astragalus lentiginosus</i> var. <i>sesquimetrallis</i>
milkvetch, spiny-node	<i>Peteria thompsonae</i>
milkvetch, Spring Mountain	<i>Astragalus remotus</i>
milkvetch, squalid	<i>Astragalus serenoii</i> var. <i>sordescens</i>
milkvetch, threecorner	<i>Astragalus geyeri</i> var. <i>triquetrus</i>
milkvetch, Tiehm	<i>Astragalus tiehmii</i>
milkvetch, Tonopah	<i>Astragalus iodanthus</i> var. <i>pseudiodanthus</i>
milkvetch, Toquima	<i>Astragalus toquimanus</i>
milkvetch, Torrey, one-leaflet	<i>Astragalus calycosus</i> var. <i>monophyllidius</i>
milkvetch, weak	<i>Astragalus solitarius</i>
milkvetch, western, Robbins	<i>Astragalus robbinsii</i> var. <i>occidentalis</i>
milkvetch, winged	<i>Astragalus pterocarpus</i>
milkvetch, Yoder-Williams	<i>Astragalus yoder-williamsii</i>
milkweed, Eastwood	<i>Asclepias eastwoodiana</i>
milkwort, desert	<i>Polygala subspinosa</i> var. <i>heterorhyncha</i>
monkeyflower, dwarf	<i>Mimulus washoensis</i>
monkeyflower, Washoe	<i>Mimulus washoensis</i>
mormon tea, Death Valley	<i>Ephedra funerea</i>
mousetails, Pine Nut Mountains	<i>Ivesia pityocharis</i>
mugwort, Packard	<i>Artemisia packardiae</i>
niterwort, Amargosa	<i>Nitrophila mohavensis</i>
oryctes	<i>Oryctes nevadensis</i>

COMMON NAME

SCIENTIFIC NAME LISTED

paintbrush, Clokey	<i>Castilleja martinii</i> var. <i>clokeyi</i>
paintbrush, Monte Neva	<i>Castilleja salsuginosa</i>
paintbrush, yellow	<i>Castilleja linoides</i>
parsley, Goodrich	<i>Cymopterus goodrichii</i>
parsley, Inyo Mountain	<i>Lomatium foeniculaceum</i> ssp. <i>inyoense</i>
parsley, snow	<i>Cymopterus nivalis</i>
penstemon, bush, Amargosa	<i>Penstemon fruticiformis</i> ssp. <i>amargosae</i>
penstemon, dad's	<i>Penstemon patricus</i>
peppergrass, dwarf	<i>Lepidium nanum</i>
phacelia, Aven Nelson	<i>Phacelia anelsonii</i>
phacelia, dwarf	<i>Phacelia minutissima</i>
phacelia, least	<i>Phacelia minutissima</i>
phacelia, Mono	<i>Phacelia monoensis</i>
phacelia, musky	<i>Phlox gladiformis</i>
phacelia, Nevada	<i>Phacelia nevadensis</i>
phacelia, Parish	<i>Phacelia parishii</i>
phacelia, playa	<i>Phacelia parishii</i>
phacelia, Red Canyon	<i>Phlox gladiformis</i>
phacelia, Reese River	<i>Phacelia glaberrima</i>
phacelia, roundleaf, Death Valley	<i>Phacelia mustelina</i>
phacelia, weasel	<i>Phacelia mustelina</i>
phacelia, yellow, Malheur	<i>Phacelia lutea</i> var. <i>calva</i>
phlox, daggerleaf	<i>Phlox gladiformis</i>
phlox, prickly, Bruneau River	<i>Leptodactylon glabrum</i>
phlox, prickly, Owyhee	<i>Leptodactylon glabrum</i>
pilostyles, Thurber	<i>Pilostyles thurberi</i>
pincushion, Blaine	<i>Sclerocactus blainei</i>
pincushion, Clokey	<i>Coryphantha vivipara</i> ssp. <i>rosea</i>
pincushion, Schlessler	<i>Sclerocactus schlessleri</i>
pine, bristlecone, ancient	<i>Pinus longaeva</i>
pine, bristlecone, Great Basin	<i>Pinus longaeva</i>
pine, Washoe	<i>Pinus washoensis</i>
poppy, bearclaw	<i>Arctomecon californica</i>
poreleaf, pygmy	<i>Porophyllum pygmaeum</i>
primrose, Nevada	<i>Primula nevadensis</i>
primrose, Ruby Mountain	<i>Primula capillaris</i>
pussytoes, Charleston	<i>Antennaria soliceps</i>
pussytoes, meadow	<i>Antennaria arcuata</i>
quillwort, pygmy	<i>Isoetes bolanderi</i> var. <i>pygmaea</i>
rabbitbrush, Pintwater	<i>Chrysothamnus eremobius</i>
rabbitbrush, remote	<i>Chrysothamnus eremobius</i>
ragwort, basin	<i>Senecio lyceus</i> var. <i>leucoreus</i>
ringstem	<i>Anulocaulis leiosolenus</i>
rockcress, Bodie Hills	<i>Arabis bodiensis</i>
rockcress, Boundary Peak	<i>Arabis pinzlae</i>
rockcress, Carson Range	<i>Arabis rigidissima</i> var. <i>demota</i>
rockcress, Congdon	<i>Arabis tiehmii</i>
rockcress, Elko	<i>Arabis falcifructa</i>
rockcress, Galena Creek	<i>Arabis rigidissima</i> var. <i>demota</i>
rockcress, Grouse Creek	<i>Arabis falcatoria</i>
rockcress, Ophir	<i>Arabis ophira</i>
rockcress, pinyon	<i>Arabis dispar</i>
rockcress, Pinzl	<i>Arabis pinzlae</i>
rockcress, Shockley	<i>Arabis shockleyi</i>

SENSITIVE VASCULAR PLANTS OF NEVADA - Index to common names (continued)

COMMON NAME

SCIENTIFIC NAME LISTED

rockcress, Tiehm	<i>Arabis tiehmii</i>
rockdaisy, delicate	<i>Perityle megalcephala</i> var. <i>intricata</i>
rockdaisy, Nevada	<i>Perityle megalcephala</i> var. <i>intricata</i>
sage, Death Valley	<i>Salvia funerea</i>
sage, mountain, Clokey	<i>Salvia dorrii</i> var. <i>clokeyi</i>
sage, purple, Clokey	<i>Salvia dorrii</i> var. <i>clokeyi</i>
sagebrush, fuzzy	<i>Artemisia papposa</i>
sagebrush, Owyhee	<i>Artemisia papposa</i>
sagebrush, Succor Creek	<i>Artemisia packardiae</i>
sand-verbena, transmontane	<i>Abronia orbiculata</i>
sandwort, King, rosy	<i>Arenaria kingii</i> ssp. <i>rosea</i>
sandwort, Meadow Valley	<i>Arenaria stenomeres</i>
scorpion plant, Beatley	<i>Phacelia beatleyae</i>
scorpion plant, obscure	<i>Phacelia inconspicua</i>
sedge, thicknerve	<i>Carex microptera</i> var. <i>crassinerva</i>
sedge, Whitney	<i>Carex whitneyi</i>
silverbush	<i>Ditaxis diversiflora</i>
skullcap, Ravendale	<i>Scutellaria holmgreniorum</i>
smelowskia, Holmgren	<i>Smelowskia holmgrenii</i>
spikemoss, Utah	<i>Selaginella utahensis</i>
spinecup, Watson	<i>Oxytheca watsonii</i>
spring-parsley, dolomite	<i>Cymopterus basalticus</i>
stemflower, Barneby	<i>Caulanthus barnebyi</i>
stickleaf, Ash Meadows	<i>Mentzelia leucophylla</i>
stickleaf, Candelaria	<i>Mentzelia candelariae</i>
stickleaf, Packard	<i>Mentzelia packardiae</i>
stickleaf, smooth	<i>Mentzelia mollis</i>
stickseed, Cusick	<i>Hackelia cusickii</i>
stickseed, Owyhee River	<i>Hackelia ophiobia</i>
stickseed, rattlesnake	<i>Hackelia ophiobia</i>
stickseed, Sharsmith	<i>Hackelia sharsmithii</i>
stickseed, Three Forks	<i>Hackelia ophiobia</i>
sticky ring	<i>Anulocaulis leiosolenus</i>
stroganowia, Tiehm	<i>Stroganowia tiehmii</i>
sunflower, desert	<i>Helianthus deserticola</i>
sunray, Ash Meadows	<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i>
sweetpea, bright	<i>Lathyrus laetivirens</i>
sweetpea, Bullfrog Hills	<i>Lathyrus hitchcockianus</i>
sweetpea, Hitchcock	<i>Lathyrus hitchcockianus</i>
tansy, Charleston	<i>Sphaeromeria compacta</i>
tansyaster, rayless	<i>Machaeranthera grindelioides</i> var. <i>depressa</i>
thelypody, broadarrow	<i>Thelypodium sagittatum</i> ssp. <i>ovalifolium</i>
thelypody, loose-flowered	<i>Thelypodium laxiflorum</i>
thelypody, ovalleaf	<i>Thelypodium sagittatum</i> ssp. <i>ovalifolium</i>
thistle, Charleston	<i>Cirsium clokeyi</i>
thistle, Clokey	<i>Cirsium clokeyi</i>
thistle, Hall	<i>Cirsium hallii</i>
thistle, hedgehog	<i>Pediocactus simpsonii</i> var. <i>robustior</i>
tonestus, alpine	<i>Haplopappus alpinus</i>
tonestus, Idaho	<i>Haplopappus aberrans</i>
tonestus, Lone Mountain	<i>Haplopappus graniticus</i>
tonestus, Tahoe	<i>Haplopappus eximius</i>
twistflower, Masonic Mountain	<i>Streptanthus oliganthus</i>
vetchling, Grimes	<i>Lathyrus grimesii</i>

SENSITIVE VASCULAR PLANTS OF NEVADA - Index to common names (continued)

COMMON NAME

SCIENTIFIC NAME LISTED

vetchling, plateau	<i>Lathyrus laetivirens</i>
violet, Charleston	<i>Viola purpurea</i> var. <i>charlestonensis</i>
violet, limestone	<i>Viola purpurea</i> var. <i>charlestonensis</i>
viznaga	<i>Ferocactus acanthodes</i> var. <i>acanthodes</i>
waterweed, Nevada	<i>Elodea nevadensis</i>
wavewing, corrugated	<i>Cymopterus corrugatus</i>
wavewing, intermountain	<i>Cymopterus basalticus</i>
wavewing, snow	<i>Cymopterus nivalis</i>
waxflower	<i>Jamesia tetrapetala</i>
whitlowgrass, Cusick	<i>Draba sphaeroides</i> var. <i>cusickii</i>
whitlowgrass, desert	<i>Draba arida</i>
whitlowgrass, four-rib	<i>Cusickiella quadricostata</i>
whitlowgrass, Jaeger	<i>Draba jaegeri</i>
whitlowgrass, Pennell	<i>Draba pennellii</i>
whitlowgrass, Snake Range	<i>Draba oreibata</i> var. <i>serpentina</i>
whitlowgrass, star	<i>Draba asterophora</i> var. <i>asterophora</i>
willowherb, Nevada	<i>Epilobium nevadense</i>
woollypod, black	<i>Astragalus funereus</i>
yellowcress, Tahoe	<i>Rorippa subumbellata</i>

SENSITIVE VASCULAR PLANTS OF NEVADA - APPENDIX 1 - State protected plants (NRS 527.260-.300)

Federal Status with (NNNPS- recommended Status)	State Status	Taxon name Common name	County/STATE Distribution	NNNPS status	NVNHP Rank
	CE	<i>Arctomecon californica</i> California bearpoppy; bearclaw poppy	Cl/AZ	T	G2S2
	CE	<i>Astragalus beatleyae</i> Beatley milkvetch	Ny	T	G2S2
	CE	<i>Astragalus geyeri</i> var. <i>triquetrus</i> [≡ <i>A. t.</i>] threecorner milkvetch	Cl/AZ	T	G3G4T2S2
(LT)	CE	<i>Astragalus lentiginosus</i> var. <i>sesquimetralis</i> Sodaville milkvetch	Mi,Ny/CA	T	G5T1S1
T	CE	<i>Astragalus phoenix</i> Ash Meadows milkvetch	Ny	T	G2S2
	CE	<i>Astragalus yoder-williamsii</i> Osgood Mountains milkvetch; Yoder-Williams m.	Hu/ID	W	G3S1
(LE)	CE	<i>Castilleja salsuginosa</i> Monte Neva paintbrush	Wp	E	G1QS1
T	CE	<i>Centaurium namophilum</i> [≡ <i>C. n.</i> var. <i>n.</i>] spring-loving centaury	Ny/CA	T	G2QS2
(2*)	CE	<i>Cryptantha insolita</i> [= <i>C. virginensis</i> ?] unusual catseye; Las Vegas cryptantha	Cl	PE	GHQSH
T	CE	<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i> Ash Meadows sunray	Ny	T	G5T2S2
(LE)	CE	<i>Eriogonum argophyllum</i> Sulphur Springs buckwheat; Ruby Valley b.; silverleaf b.	El	E	G1S1
E	CE	<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i> Steamboat buckwheat	Wa	E	G5T1S1
	CE	<i>Eriogonum viscidulum</i> sticky buckwheat; clammy b.	Cl	T	G2S2
T	CE	<i>Grindelia fraxino-pratensis</i> Ash Meadows gumplant	Ny/CA	T	G2S2
T	CE	<i>Ivesia kingii</i> var. <i>eremica</i> [≡ <i>I. e.</i>] Ash Meadows ivesia	Ny	T	G3T1T2S1S2
T	CE	<i>Mentzelia leucophylla</i> Ash Meadows blazingstar; A. M. stickleaf	Ny	T	G1S1
E	CE	<i>Nitrophila mohavensis</i> Amargosa niterwort	Ny/CA	E	G1S1
2	CE	<i>Phacelia inconspicua</i> obscure scorpion plant	Pe/ID	E	G1S1
1	(LT)	<i>Polycytenium williamsiae</i> Williams combleaf	Wa	T	G1S1
2	CE	<i>Primula capillaris</i> Ruby Mountain primrose	El	T	G1S1
1	CE	<i>Rorippa subumbellata</i> Tahoe yellowcress	Do,Wa/CA	T	G1S1

SENSITIVE VASCULAR PLANTS OF NEVADA - APPENDIX 2 - Endemic taxa

Names in **boldface** have not yet been included in the main lists above. The rarer of these are in need of further data to assess their status; contributions are encouraged. The letter Q in the state rank indicates an unresolved taxonomic question. This list is built upon: Tiehm, A. 1991. *Nevada's endemic vascular plants*. Northern Nevada Native Plant Society Newsletter 17(7):2-3. Tiehm's comments and suggestions on an earlier draft of this list are gratefully acknowledged.

TAXON NAME	COUNTY DISTRIBUTION	NVNHP STATE RANK
Abronia crux-maltae	Ch,Hu,Ly,Mi,Pe,Wa	S3
<i>Angelica scabrida</i>	Cl	S2
<i>Antennaria soliceps</i>	Cl	S1
<i>Arabis falcifructa</i>	El,La	S1
Arabis fernaldiana var. stylosa	Do,El,Es?,Ly?,Hu,Ny,Wp	S4?
<i>Arabis ophira</i>	Ny	S1
Arenaria congesta var. wheelerensis	Wp	S1
<i>Arenaria kingii var. rosea</i>	Cl	S2
<i>Arenaria stenomeris</i>	Cl,Li	S1
<i>Asclepias eastwoodiana</i>	Es,La,Li,Mi,Ny	S2
<i>Astragalus ackermanii</i>	Cl,Li	S2
<i>Astragalus aequalis</i>	Cl	S2
Astragalus atratus var. atratus	El,Eu,Hu?,La,Ny,Wp	S4?
<i>Astragalus beatleyae</i>	Ny	S2
<i>Astragalus convallarius var. margaretae</i>	Do,Ly,St	S2
Astragalus kentrophyta var. unguatus	El,Eu,La,Ny	S3?
Astragalus lentiginosus var. kennedyi	Ch,Es,Li,Mi,Ny,Wa	S4
<i>Astragalus lentiginosus var. latus</i>	Wp	S1
Astragalus minthorniae var. minthorniae	Cl,Li,Ny,Wp	S3?
<i>Astragalus nyensis</i>	Cl,Li,Ny	S3
<i>Astragalus oophorus var. clokeyanus</i>	Cl	S1
<i>Astragalus phoenix</i>	Ny	S2
<i>Astragalus porrectus</i>	Ch,Hu,Ly,Pe,Wa	S2S3
<i>Astragalus pterocarpus</i>	Ch,Hu,La,Pe	S3
Astragalus purshii var. pumilio	Ch,La,Ny,Pe	S4?
<i>Astragalus remotus</i>	Cl	S1
<i>Astragalus robbinsii var. occidentalis</i>	El	S2
Astragalus serenoii var. serenoii	Ch,Hu,La,Ny,Pe	S4?
<i>Astragalus serenoii var. sordescens</i>	Es,Ny	S2
<i>Astragalus tiehmii</i>	Hu,Wa	S2
<i>Astragalus toquimanus</i>	Ny	S2
<i>Camissonia megalantha</i>	Li,Ny	S2
<i>Camissonia nevadensis</i>	Cc,Ch,Do,Ly,Pe,St,Wa	S3
Castilleja dissitiflora	Ny,Wp	S4?
<i>Castilleja salsuginosa</i>	Wp	S1Q
<i>Caulanthus bamebyi</i>	Hu,Pe	S2
<i>Chrysothamnus eremobius</i>	Cl,Li	S1
<i>Cirsium clokeyi</i>	Cl	S2
<i>Cryptantha insolita</i>	Cl	SHQ
<i>Cryptantha schoolcraftii</i>	Hu,Wa	S1S2
<i>Cryptantha welshii</i>	Li,Ny,Wp	S1
<i>Cymopterus goodrichii</i>	La,Pe	S1
<i>Cymopterus ripleyi var. ripleyi</i>	Es,Li,Ny/CA?	S1Q

SENSITIVE VASCULAR PLANTS OF NEVADA - APPENDIX 2 - Endemic taxa

TAXON NAME	COUNTY DISTRIBUTION	NVNHP STATE RANK
<i>Draba arida</i>	La,Ny	S2
<i>Draba crassifolia</i> var. <i>nevadensis</i>	Ny	S2
<i>Draba jaegeri</i>	Cl	S2
<i>Draba oreibata</i> var. <i>serpentina</i>	La,Wp	S1
<i>Draba paucifructa</i>	Cl	S1S2
<i>Draba pennellii</i>	Wp	S2
Draba sphaeroides	El	S1?
<i>Enceliopsis nudicaulis</i> var. <i>corrugata</i>	Ny	S2
<i>Erigeron cavernensis</i>	Ny,Wp	S1Q
<i>Erigeron ovinus</i>	Cl,Li	S1S2
<i>Erigeron uncialis</i> var. <i>conjugans</i>	Cl,Li,Ny,Wp	S3
<i>Eriogonum anemophilum</i>	Hu,La,Pe	S2S3
<i>Eriogonum argophyllum</i>	El	S1
<i>Eriogonum concinnum</i>	Ny	S2
Eriogonum esmeraldense var. <i>toiyabense</i>	La,Ny	S1?
<i>Eriogonum heernannii</i> var. <i>clokeyi</i>	Cl,Ny	S3?
<i>Eriogonum holmgrenii</i>	Wp	S1
Eriogonum kingii	El,Wp	S2?
<i>Eriogonum lemmonii</i>	Ch,Ly,Pe,St,Wa	S2S3
Eriogonum ochrocephalum var. <i>alexandrae</i>	Do,Ly,Mi,Pe,Wa	S3?
<i>Eriogonum ovalifolium</i> var. <i>caelestinum</i>	Ny	S2S3
<i>Eriogonum ovalifolium</i> var. <i>williamsiae</i>	Wa	S1
<i>Eriogonum robustum</i>	Cc,Ly,St,Wa	S2
<i>Eriogonum rubricaulum</i>	Ch,Es,Hu,La,Ly,Mi,Ny,Pe	S3
<i>Eriogonum tiehmii</i>	Es	S1
Eriogonum umbellatum var. <i>vernum</i>	Ny	S3?
<i>Eriogonum viscidulum</i>	Cl	S2
<i>Frasera pahutensis</i>	Ny	S2S3
Gilia nevadensis	La	S1?
<i>Gilia nyensis</i>	Li,Ny	S2
<i>Glossopetalon clokeyi</i>	Cl	S1
Glossopetalon pungens var. <i>pungens</i>	Cl	S1?
<i>Haplopappus alpinus</i>	La,Ny	S2
Haplopappus compactus	Cl	S1
<i>Haplopappus graniticus</i>	Es	S1
<i>Ivesia cryptocaulis</i>	Cl	S1
<i>Ivesia kingii</i> var. <i>eremica</i>	Ny	S1S2
<i>Ivesia pityocharis</i>	Do	S1
<i>Lathyrus grinesii</i>	El	S1
<i>Lathyrus hitchcockianus</i>	Ny	S2
<i>Lepidium nanum</i>	El,Eu,Ny,Wp	S3
Lesquerella cordiformis	El,Es,Eu,Mi,Ny,Wp	S4
<i>Lesquerella hitchcockii</i>	Cl,Ny,Wp	S2S3
<i>Lewisia maguirei</i>	Ny	S1
<i>Lupinus malacophyllum</i>	Cc,Do,Ly,Wa	S2S3
Lycium shockleyi	Ch,Cl,Es,Mi,Ny	S5
<i>Mentzelia candelariae</i>	Ch,Es,Mi,Ny,Pe	S2
<i>Mentzelia leucophylla</i>	Ny	S1
Mentzelia polita	Cl,Es,Li	S2?
Mimulus angustifolius	Wa	S1?Q
Mimulus ovatus	Cc,Do,St,Wa	S2?
<i>Mirabilis pudica</i>	Cl,Li,Ny	S3
<i>Opuntia whipplei</i> var. <i>multigeniculata</i>	Cl,Ny?/AZ?	S1

SENSITIVE VASCULAR PLANTS OF NEVADA - APPENDIX 2 - Endemic taxa

TAXON NAME	COUNTY DISTRIBUTION	NVNHP STATE RANK
Pedicularis semibarbata var. charlestonensis	Cl	S2?
<i>Penstemon arenarius</i>	Ch,Es,Mi,Ny	S2S3
<i>Penstemon bicolor</i> ssp. <i>bicolor</i>	Cl	S2
<i>Penstemon floribundus</i>	Hu	S2
<i>Penstemon leiophyllus</i> var. <i>keckii</i>	Cl	S2
<i>Penstemon moriahensis</i>	Wp	S1S2
<i>Penstemon palutensis</i>	Ny	S2
Penstemon palmeri var. macranthus	Ch,Ny,Pe	S2?
<i>Penstemon procerus</i> var. <i>modestus</i>	El	S2S3
<i>Penstemon pudicus</i>	Ny	S1
<i>Penstemon rubicundus</i>	Do,Es,Mi	S2S3
<i>Penstemon thompsonae</i> ssp. <i>jaegeri</i>	Cl	S2
<i>Phacelia beatleyae</i>	Li,Ny	S2
<i>Phacelia glaberrima</i>	Ch,La,Ly,Mi,Pe	S2S3
Phacelia hastata var. charlestonensis	Cl,Ny	S3?
<i>Polyctenium williamsiae</i>	Wa	S1
<i>Porophyllum pygmaeum</i>	Cl	S1
<i>Potentilla basaltica</i>	Hu	S1
Potentilla beanii	Cl	S1?Q
<i>Prinula capillaris</i>	El	S1
<i>Prinula nevadensis</i>	Ny,Wp	S1
<i>Psoralea kingii</i>	Ch,Hu	S3
<i>Salvia dorrii</i> var. <i>clokeyi</i>	Cl	S2
Sarcobatus baileyi	Ch,Es,Mi,Ny,Pe,Wa	S4S5
<i>Sclerocactus blainei</i>	Ny	S1
<i>Sclerocactus schlesseri</i>	Li	S1
<i>Silene clokeyi</i>	Cl	S1
<i>Silene nachlingerae</i>	El,Ny,Wp	S2
Silene nuda var. nuda	Cc,Wa	S1S2
<i>Smelowskia holmgrenii</i>	El,Hu,La,Ny,Pe,Wp	S2
<i>Sphaeromeria compacta</i>	Cl	S2
<i>Spiranthes infernalis</i>	Ny	S1
<i>Stroganowia tiehmii</i>	Ly	S1
<i>Synthyris ranunculina</i>	Cl	S1
<i>Townsendia jonesii</i> var. <i>tumulosa</i>	Cl,Ny	S2
<i>Trifolium andinum</i> var. <i>podocephalum</i>	Li,Ny	S1
<i>Trifolium macilentum</i> var. <i>rollinsii</i>	La,Ny	S1

MAIL TO: NEVADA NATURAL HERITAGE PROGRAM

123 W. Nye Lane, Room 168, Carson City, NV 89710

(702) 687-4245

OFFICE USE ONLY

PLEASE ENTER ALL INFORMATION AVAILABLE TO YOU. USE THE BACK FOR COMMENTS IF NECESSARY. PLEASE ATTACH OR DRAW A MAP ON BACK.

Document Code _____ Quad Code _____
Index Code _____ Occurrence # _____
Copy Sent to _____

Scientific name (no codes): _____

Reporter: _____ Phone: () _____

Address: _____

Date of Field Work: _____ day _____ mo. _____ year County: _____ Collection? If yes, # _____ Mus./Herb _____

Location: _____

Quad Name: _____ T _____ R _____ % of _____ % Sec _____
7 1/2' 15' Elevation: _____ ft (m) T _____ R _____ % of _____ % Sec _____

Landowner/Manager _____

Species found? Yes No If not, reason: _____

Is this a new location record? Yes No Unknown

Total individuals= _____ Is this a subsequent visit? Yes No Compared to last visit: more same fewer

Phenology (plants): # vegetative # flowering # fruiting

Population Age Structure (animals): # adults # juveniles # others

Site Function for Species (animals): breeding foraging wintering roosting denning other

Habitat Description: (plant communities, dominants, associates, other rare spp., substrate/soils, aspect/slope)

Current Land Use/Visible Disturbances/Possible Threats

Overall Site Quality: Excellent Good Fair Poor

Comments:

Should/Could this site be protected? How?

Other Comments:

DETERMINATION (Check on or more, fill in blanks)

- Keyed in a site reference:
Compared with specimen housed at:
Compared with photo/drawing in:
By another person (name):
Other

PHOTOGRAPHS (Check one or more)

- Subject Plant/Animal Habitat Diagnostic Feature Other
Type Slide Print

OTHER KNOWLEDGEABLE INDIVIDUALS (Name/Address/Phone)

May we obtain duplicates at our cost? yes no

APPENDIX 3

The preceding one-page field survey form is an abbreviated version of the following two-page plant survey form, and is for general use in reporting occurrences of sensitive plants or animals. Users with personal knowledge of such occurrences are encouraged to copy and fill out these forms as needed, and return them to the printed address. All the data in this booklet are dependent on timely reports from knowledgeable individuals such as yourself, and your contributions will be greatly valued.

APPENDIX 4

The following two-page Special Plant Survey Form is now in use by Nevada Natural Heritage Program staff, and includes more detailed biological and conservation data than the preceding form. Please copy and use the longer form whenever possible to provide a more complete record of any sensitive plant occurrences ("EOs") found. Please enter your name in the first "Source Code" blank, and ignore the SUMMARY section and other NVNHP-related codes. Fill in whatever else you know. Your contributions will be much appreciated, and will increase the quality and completeness of future editions.

**NEVADA NATURAL HERITAGE PROGRAM
SPECIAL PLANT SURVEY FORM**

Site Name: _____ Date: _____ Source Code: _____
 Quad Name: _____ Date: _____ Source Code: _____
 Quad Code: _____ Date: _____ Source Code: _____
 State: _____ County: _____ Date: _____ Source Code: _____
 Field Quad Margin #: _____ Date: _____ Source Code: _____
 Full extent of EO known and mapped? yes no
 Precise locations of individuals or groups mapped? yes no T _____ R _____ S _____

Directions: _____

BIOLOGY

Element Name: Element Code: _____ Occ. #: _____

Phenology	Approx #		Population Area	Age Structure	Vigor
<input type="checkbox"/> % In leaf	Ramets	Genets	1 yd ²	<input type="checkbox"/> % Seedlings	<input type="checkbox"/> % Very feeble
<input type="checkbox"/> % In bud	1-10	_____	1-5 yd ²	<input type="checkbox"/> % Immature	<input type="checkbox"/> % Feeble
<input type="checkbox"/> % In flower	11-50	_____	5-10 yd ²	<input type="checkbox"/> % 1st year	<input type="checkbox"/> % Normal
<input type="checkbox"/> % Immature fruit	51-100	_____	10-100 yd ²	<input type="checkbox"/> % Mature	<input type="checkbox"/> % Vigorous
<input type="checkbox"/> % Mature fruit	101-1000	_____	100 yd ² -2 ac	(established)	<input type="checkbox"/> % Exceptionally
<input type="checkbox"/> % Seed dispersing	1001-10,000	_____	2 ac+	<input type="checkbox"/> % Senescent	vigorous
<input type="checkbox"/> % Dormant	10K+	_____	_____ est. area		
	est. #	_____			

Comments on above: _____
 Evidence of reproduction? yes no Explain: _____
 Type of reproduction: sexual asexual both
 Evidence of symbiotic or parasitic relationships? yes no Explain: _____
 Evidence of disease, predation, etc. yes no Explain: _____

Success at Each Stage of Life Cycle

	good	fair	poor	none	uncertain
reproduction					
dispersal					
establishment					
maintenance					

Comments: _____

HABITAT

<u>Aspect</u>	<u>Slope</u>	<u>Light</u>	<u>Topographic position</u>	<u>Moisture</u>
<input type="checkbox"/> N <input type="checkbox"/> NE	<input type="checkbox"/> Flat	<input type="checkbox"/> Open	<input type="checkbox"/> Crest	<input type="checkbox"/> Inundated (Hydric)
<input type="checkbox"/> E <input type="checkbox"/> NW	<input type="checkbox"/> 0-10	<input type="checkbox"/> partial	<input type="checkbox"/> Upper Slope	<input type="checkbox"/> Saturated (Wet-mesic)
<input type="checkbox"/> S <input type="checkbox"/> SE	<input type="checkbox"/> 10-35	<input type="checkbox"/> Filtered	<input type="checkbox"/> Mid-Slope	<input type="checkbox"/> Moist (Mesic)
<input type="checkbox"/> W <input type="checkbox"/> SW	<input type="checkbox"/> 35+	<input type="checkbox"/> shade	<input type="checkbox"/> Lower-Slope	<input type="checkbox"/> Dry-Mesic
	<input type="checkbox"/> Vertical		<input type="checkbox"/> Bottom	<input type="checkbox"/> Dry (Xeric)

Elevation: _____ ft to _____ ft
 Cross section of topography (habitat)/Include scale, direction, element position

HABITAT (continued)

Associated natural community/plant community: _____

Natural community form completed? yes no

Associated plant species: _____

Substrate/Soils: _____

Estimated # of acres of potential habitat in the immediate area: _____

IDENTIFICATION

Photograph taken? yes no

Specimen taken? yes no If yes, give coll. # and repository: _____

Do other members of this genus co-occur at this site? yes no If yes, complete below:

List: _____

Hybridization? yes no

Identification problems? yes no Explain: _____

CONSERVATION

Owner(s): _____

Owner aware of EO? yes no unknown Owner protecting EO? yes no Unknown

Evidence of disturbance: _____

Threats to EO: _____

How large an area is needed to provide species survival here? _____

Explain: _____

Conservation/management needs: _____

Research needs: _____

Data security? yes no Explain: _____

SUMMARY

EO Quality: (ie, How representative is this occurrence? Consider the size and productivity of the population and the vitality and vigor of the individuals.)

A-Excellent B-Good C-Marginal D-Poor

Comments: _____

EO Condition: (ie, Is the habitat supporting the EO pristine or degraded? Is there a potential for the habitat to recover from disturbances?)

A-Excellent B-Good C-Marginal D-Poor

Comments: _____

EO Viability: (ie, What are the long-term prospects for continued existence of this occurrence at the indicated level of quality?)

A-Excellent B-Good C-Marginal D-Poor

Comments: _____

EO Defensibility: (ie, Can this occurrence be protected from extrinsic human factors?)

A-Excellent B-Good C-Marginal D-Poor

Comments: _____

EO Rank: (ie, a summary of all factors listed above) A B C D

Comments: _____

88025223
BORROWER'S CARD

5 .N3 E5425 1992
ered, threatened, and
tive vascular plants

BORROWER	OFFICE	DATE RETURNED

(Continued on reverse)

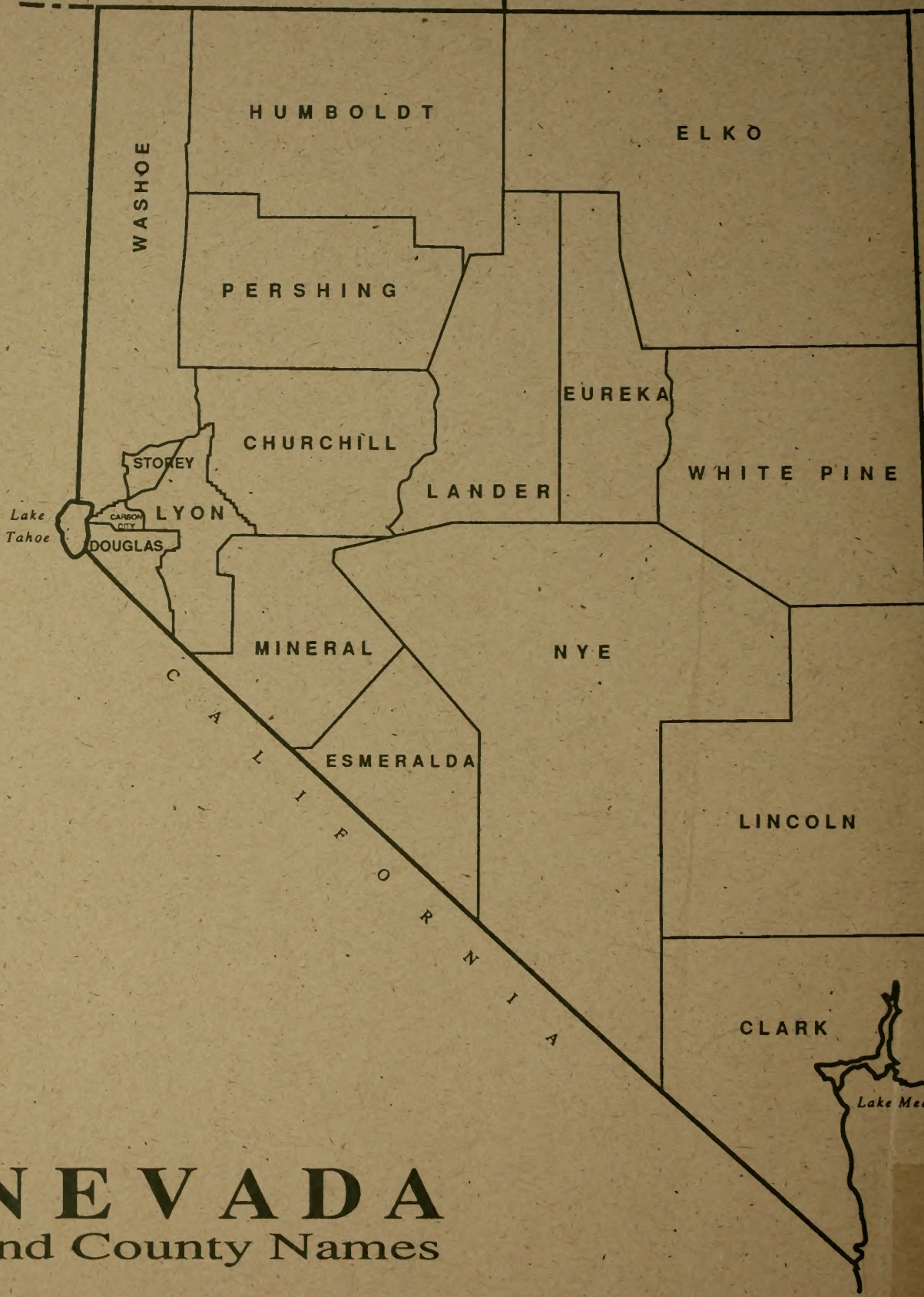
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NEVADA

and County Names