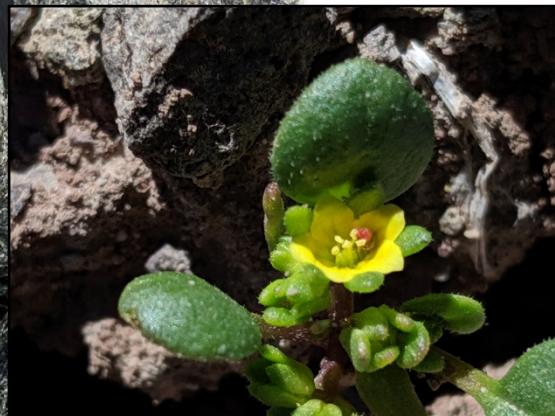


Final

Rare Plant Survey Report in Support of the Proposed Fallon Range Training Complex Expansion, Nevada



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Cover

Top left: Eastwood milkweed (*Asclepias eastwoodiana*) (photo by M. Cloud-Hughes, ManTech)

Bottom right: Reese River phacelia (*Phacelia glaberrima*) (photo by M. Cloud-Hughes, ManTech)

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Acronyms and Abbreviations

ac	acre(s)
Cal-IPC	California Invasive Plant Council
cm	centimeter(s)
Don	U.S. Department of the Navy
DVTA	Dixie Valley Training Area
ft	feet/foot
FRTC	Fallon Range Training Complex
GIS	geographic information system
ha	hectare(s)
in	inch(es)
km	kilometer(s)
km ²	square kilometer(s)
m	meter(s)
mi	mile(s)
mi ²	square mile(s)
ManTech	ManTech International Corporation
NAS	Naval Air Station
NDA	Nevada Department of Agriculture
NNHP	Nevada Natural Heritage Program
U.S.	United States
WRCC	Western Regional Climate Center

1.0 INTRODUCTION

Naval Air Station (NAS) Fallon manages the Fallon Range Training Complex (FRTC), which currently encompasses a combination of withdrawn and acquired lands totaling approximately 223,600 acres (ac) (90,490 hectares [ha]) of military training land located southeast of Fallon, Nevada (Figure 1-1). The FRTC is the United States (U.S.) Department of the Navy's (DoN or Navy) premier integrated strike warfare training complex, supporting air units and special operations forces in a variety of mission areas. Since World War II, the Navy has extensively used the ranges and airspace of the FRTC to conduct military air warfare and ground training, including live-fire training activities. However, the current training areas are insufficient for implementation of realistic training scenarios and do not provide required buffers for public safety. In order to effectively meet these needs, the Navy proposes to modernize the land and airspace configurations of the FRTC. The Navy is currently proposing to expand the land administered by NAS Fallon by approximately 680,000 ac (275,200 ha). The proposed expansion area is composed of four discontinuous areas associated with four of the current training ranges (ranges B-16, B-17, B-20, and Dixie Valley Training Area [DVTA]) (Figure 1-1):

- The area west of B-16 is the proposed B-16 expansion area.
- The area surrounding B-20 is the proposed B-20 expansion area.
- The areas west and east of B-17 and south of Highway 50, and areas north of Highway 50 surrounding the DVTA are the proposed DVTA expansion areas.
- The area south of B-17 and Highway 50 and east of B-17 is the proposed B-17 expansion area.

Currently, the Navy is preparing an Environmental Impact Statement (EIS) to assess the potential environmental effects of the proposed FRTC expansion. In support of the EIS, Naval Facilities Engineering Command, Southwest contracted ManTech International Corporation (ManTech) to perform a variety of ecological surveys to inventory the flora and fauna within the proposed FRTC expansion areas. This report details the results of rare plant surveys conducted in 2017 under contract N62742-14-D-1863, Task Order FZNG and in 2018 and 2019 under Task Order FZNG, Modification 4 (Figure 1-1).

The rare plant survey is designed to provide the Navy with information on the occurrence of federally and State-listed endangered and threatened species and species of concern within the proposed expansion areas (i.e., survey area), and to update the plant species list for the FRTC. The initial rare plant species list was assembled from the Nevada Natural Heritage Program (NNHP) species list for Churchill, Mineral, and Nye counties, Nevada (Table 1-1) (NNHP 2018). Of the 41 species on the list, none have any official federal or state rarity rank, although all are on the NNHP Watch or At-Risk lists, and 20 species are Nevada endemics.

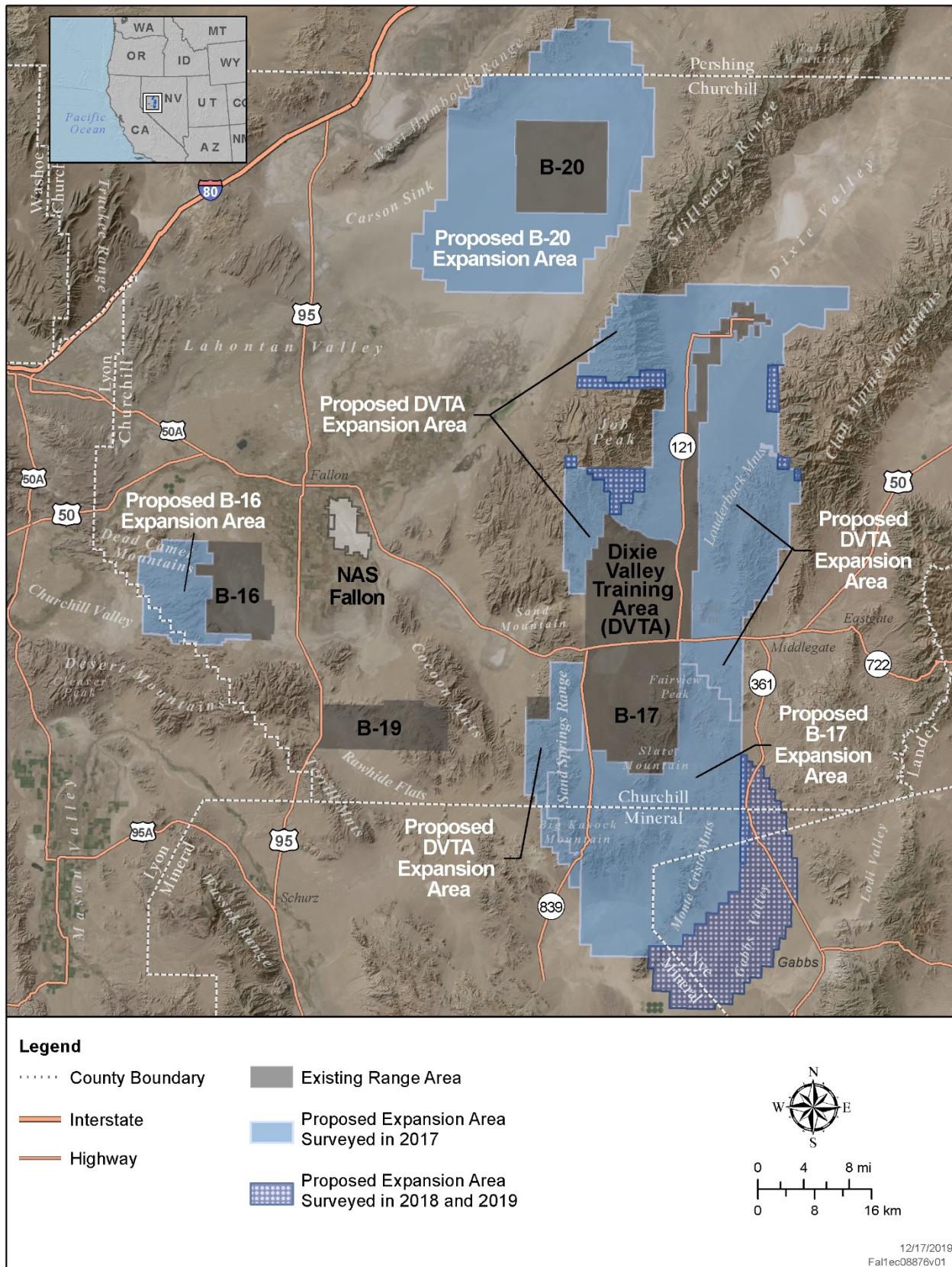


Figure 1-1. Regional Location of the Proposed FRTC Expansion Areas

Table 1-1. NNHP Rare Plant List for Churchill, Mineral, and Nye Counties, Nevada

Scientific Name	Common Name	Rank		Documented Nevada Counties within Survey Area
		Global	State	
NNHP At-Risk List				
<i>Asclepias eastwoodiana</i> *	Eastwood milkweed	G2Q	S2S3	Nye
<i>Astragalus calycosus</i> var. <i>monophyllidius</i>	One-leaflet Torrey milkvetch	G5T2Q	S3	Nye
<i>Astragalus cimae</i> var. <i>cimae</i>	Cima milkvetch	G3T2	S2	Mineral, Nye
<i>Astragalus lentiginosus</i> var. <i>sesquimetralis</i>	Sodaville milkvetch	G5T1	S1	Mineral, Nye
<i>Astragalus pseudiodanthus</i>	Tonopah milkvetch	G3Q	S2	Churchill, Mineral, Nye
<i>Boechera ophira</i> *	Ophir rockcress	G1G2	S1	Nye
<i>Cymopterus goodrichii</i> *	Goodrich biscuitroot	G1	S2	Nye
<i>Cymopterus ripleyi</i> var. <i>saniculoides</i>	Sanicle biscuitroot	G3G4T3Q	S3	Nye
<i>Draba arida</i> *	Desert whitlowcress	G2	S2	Nye
<i>Eriogonum alexanderae</i>	Alexander buckwheat	G5T2T3	S2S3	Mineral
<i>Eriogonum beatleyae</i>	Beatley buckwheat	G2Q	S3	Churchill, Mineral, Nye
<i>Frasera pahutensis</i> *	Pahute green gentian	G3Q	S3	Nye
<i>Grusonia pulchella</i>	Sand cholla	G4	S2S3	Churchill, Mineral, Nye
<i>Helianthus deserticola</i>	Dune sunflower	G2G3Q	S3	Churchill, Mineral
<i>Ipomopsis congesta</i> var. <i>nevadensis</i> *	Toiyabe gilia	G5T1	S1	Nye
<i>Mentzelia inyoensis</i>	Inyo blazing star	G3?Q	S3?	Churchill
<i>Nevada holmgrenii</i> *	Holmgren smelowskia	G2G3	S3	Nye
<i>Oryctes nevadensis</i>	Oryctes	G3	S3	Churchill, Mineral
<i>Penstemon arenarius</i> *	Nevada dune beardtongue	G2G3	S2	Churchill, Mineral, Nye
<i>Penstemon palmeri</i> var. <i>macranthus</i> *	Lahontan beardtongue	G4G5T2?	S2?	Churchill, Nye
<i>Penstemon rubicundus</i> *	Wassuk beardtongue	G2G3	S3	Mineral
<i>Pinus albicaulis</i>	Whitebark pine	G3G4	S3	Mineral
<i>Polyctenium williamsiae</i>	Williams combleaf	G2Q	S2	Mineral, Nye
<i>Psorothamnus kingii</i> *	Lahontan indigobush	G3	S3	Churchill
NNHP Watch List				
<i>Astragalus callithrix</i>	Callaway milkvetch	G3	S3	Mineral, Nye
<i>Astragalus lentiginosus</i> var. <i>scorpionis</i>	Scorpion milkvetch	G5T3?	S3?	Churchill, Mineral, Nye
<i>Astragalus porrectus</i> *	Lahontan milkvetch	G3?	S3?	Churchill
<i>Astragalus pterocarpus</i> *	Winged milkvetch	G3	S3	Churchill
<i>Astragalus serenoi</i> var. <i>sordescens</i> *	Squalid milkvetch	G4T2	S2	Nye
<i>Eremothera nevadensis</i> *	Nevada suncup	G3	S3	Churchill
<i>Ericameria watsonii</i>	Watson goldenbush	G3G4	S3	Mineral, Nye
<i>Eriogonum esmeraldense</i> var. <i>toiyabense</i> *	Toiyabe buckwheat	G4T2	S3	Nye
<i>Eriogonum lemmonii</i> *	Lemmon buckwheat	G3?	S3?	Churchill
<i>Eriogonum rubricaulle</i> *	Lahontan Basin buckwheat	G3	S3	Churchill Mineral, Nye
<i>Linanthus arenicola</i>	Dune linanthus	G3G4	S3	Churchill, Nye
<i>Lepidium nanum</i>	Dwarf peppercress	G3	S3	Nye
<i>Mentzelia candelariae</i> *	Candelaria blazing star	G3?Q	S3?	Churchill, Mineral, Nye

Table 1-1. NNHP Rare Plant List for Churchill, Mineral, and Nye Counties, Nevada

Scientific Name	Common Name	Rank		Documented Nevada Counties within Survey Area
		Global	State	
<i>Oxytheca watsonii</i>	Watson spinecup	G3?	S3?	Mineral, Nye
<i>Phacelia glaberrima*</i>	Reese River phacelia	G3?	S3?	Churchill, Mineral
<i>Piptatherum shoshoneanum</i>	Cliff needlegrass	G2G3	S1	Nye
<i>Plagiobothrys salsus</i>	Saltmarsh allocarya	G2G3	S2S3	Churchill, Mineral

Legend: * = Nevada endemic.

Rank: G = Global Population, T = Taxonomic level, S = State Population, Q = Questionable Taxonomy, ? = Data uncertainty.

Numbers refer to level of imperilment: 1 = critically imperiled, 2 = imperiled, 3 = vulnerable, 4 = apparently secure, 5 = secure. For example, G3?Q = Global imperiled rank of “Vulnerable” but more data is needed to confirm that level, and the taxonomy of this species has been questioned or needs work.

Source: NNHP 2018.

2.0 NATURAL HISTORY

The study area is defined as the area within and adjacent to the proposed FRTC expansion areas and includes portions of Churchill, Mineral, Nye, Pershing, and Lyon counties (Figure 1-1). It lies within the geographic feature known as the Great Basin, particularly the Great Basin Desert. The Great Basin Desert is the largest desert in the U.S., roughly bounded by the Sierra Nevada – Cascade mountain ranges to the west and the Rocky Mountain range to the east. Between these large mountain ranges are a series of basins interspersed by smaller, north-south running mountain ranges. This desert covers roughly 158,000 square miles (mi^2) (409,218 square kilometers [km^2]) of southern Idaho, southeastern Oregon, western Utah, eastern California, and nearly all of Nevada (MacMahon 1985). The Great Basin Desert is a high, cold desert, with most of its elevations over 4,000 feet (ft) 1,200 meters [m]), and most of its precipitation in the form of snow, although rain showers can occur throughout the year (Sowell 2001).

The western part of the Great Basin Desert as a whole averages 9 inches (in) (22.9 centimeters [cm]) of precipitation per year, while the survey area averages considerably lower, at only 5 in (12.7 cm) per year. As with all of the North American deserts, the low annual precipitation is due to rain shadow effects. In the case of the Great Basin Desert, rain is blocked to the west by the Sierra Nevada Mountains, to the north by the Cascade Mountains, and to the north and east by the Rocky Mountains (Blackwell 2006).

During the 12-month period surrounding the 2017 rare plant surveys (October 2016 through October 2017), precipitation throughout the survey area varied from 0.5 to 10 in (1.27 to 25.4 cm), and ranged from 70% to 110% of the average rainfall for that period (Figure 2-1) (Western Regional Climate Center [WRCC] 2017). The northern portion of the survey area received slightly above-average rainfall, while the remainder was approximately average to slightly below.

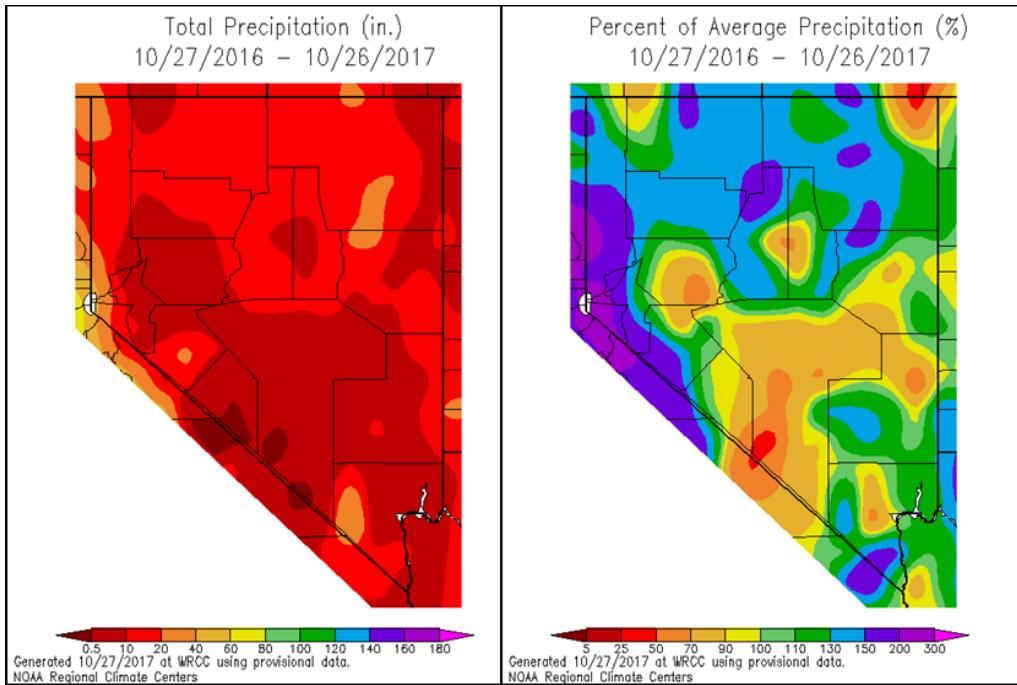


Figure 2-1. Nevada Precipitation (October 2016 – October 2017)

During the 12-month period surrounding the 2018 and 2019 rare plant surveys (August 2018 through August 2019), precipitation throughout the survey area varied from 0.5 to 10 in (1.27 to 25.4 cm), and ranged from 100% to 110% of the average rainfall for that period (Figure 2-2) (WRCC 2019). The survey area received above-average rainfall.

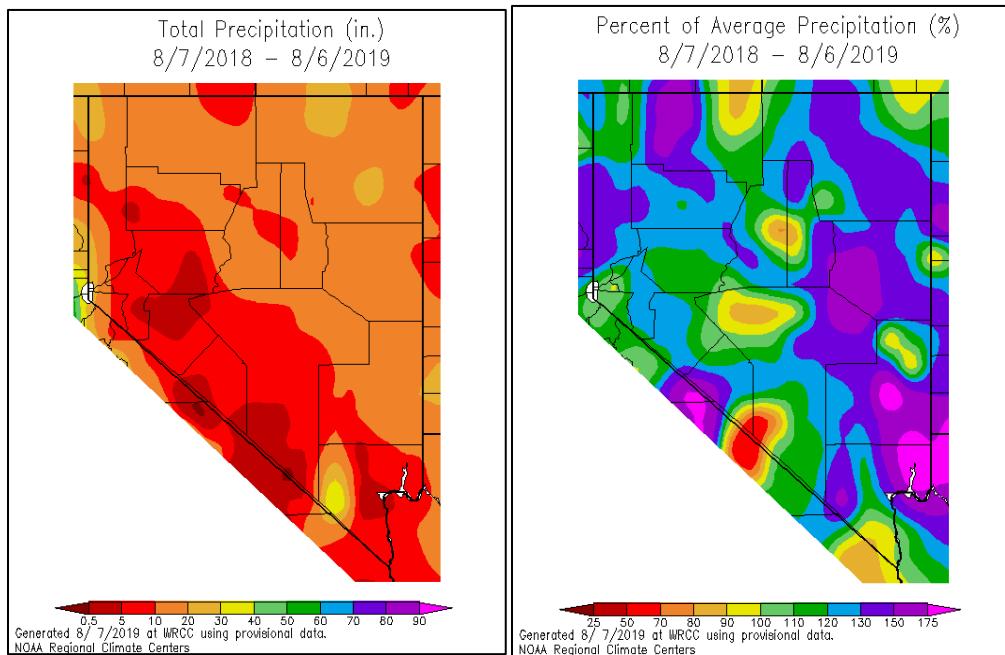


Figure 2-2. Nevada Precipitation (August 2018 – August 2019)

The annual average high temperature within the survey area is 68 degrees Fahrenheit ($^{\circ}\text{F}$) (20 degrees Celsius [$^{\circ}\text{C}$]), and the average low is 35 $^{\circ}\text{F}$ (1.7 $^{\circ}\text{C}$). July is generally the hottest month, with an average

high temperature of 92 °F (33.3 °C), and January is the coldest month, with an average low temperature of 18 °F (-7.8 °C) (WRCC 2017).

2.1 Great Basin Geologic Context

The Great Basin Desert is located in the Basin and Range Province, named for the alternating topography between mostly north-south oriented mountain ranges and sinks with no or very few waterways leading out. The Great Basin has approximately 160 mountain ranges, with a corresponding number of valleys (basins) in between. The geologic activity leading to this topography has also resulted in a diverse range of soil types, soil temperature regimes, and soil moisture regimes. These mountain ranges support woodlands, riparian areas, and other habitats for plants and wildlife, resulting in high species diversity in the Great Basin. The movement of sediments downhill from the mountains to the basins produces arroyos, bajadas, and eventually playas, which support shrublands, grasslands, and alkali flat habitats, all of which in turn support their own suites of plant and animal species (NAS Fallon 2015).

The playas and wetlands in the survey area, which support a broad diversity of plants and wildlife, represent the remnants of ancient Lake Lahontan. In the late Pleistocene era, from approximately 75,000 to 8,000 years ago, Lake Lahontan was nearly 900 ft (274 m) deep and covered almost 8,500 mi² (22,015 km²) (Benson and Thompson 1987). Although now limited to water bodies such as Pyramid Lake, Carson Sink, and others, the legacy of Lake Lahontan continues in the vegetation, particularly the salt-loving species that dominate low-lying areas of the Great Basin today, as well as a variety of species that are endemic to the region.

2.2 Survey Area General Vegetation Characteristics

At the lowest elevations, where temperatures are the hottest and the soil is the most saline, the vegetation is dominated by members of the Chenopodiaceae family. The most common dominant shrubs in these areas are greasewood (*Sarcobatus*) and saltbush (*Atriplex*) species, especially Bailey's greasewood (*S. baileyi*), intermountain greasewood (*S. vermiculatus*), and shadscale (*A. confertifolia*). Other dominant chenopod species of the valley bottoms and lower bajadas include four-wing saltbush (*Atriplex canescens*) and spiny hopsage (*Grayia spinosa*). Also common in these saline areas are bud sagebrush (*Picrothamnus desertorum*), yellow rabbitbrush (*Chrysothamnus viscidiflorus*), and rubber rabbitbrush (*Ericameria nauseosa*), all in the Asteraceae family. Valley bottoms may include freshwater wetlands that support dense stands of rushes (*Juncus* spp.), saltgrass (*Distichlis spicata*), and narrowleaf cattail (*Typha angustifolia*) (DoN 2018).

At slightly higher elevations, where the soils are less saline and more moisture is available, several species and varieties of sagebrush (*Artemisia* spp.) dominate, often overwhelmingly so. Sagebrush shrublands are the most common vegetation type in the Great Basin Desert, covering nearly 40% of the area (Brussard et al. 1998). Varieties of big sagebrush (*Artemisia tridentata*) and closely-related *Artemisia* species are morphologically and taxonomically difficult to distinguish, but generally include basin big sagebrush (*A. tridentata* subsp. *tridentata*), Wyoming big sagebrush (*A. tridentata* subsp. *wyomingensis*), and black sagebrush (*A. nova*). Basin big sagebrush occurs on more mesic sites such as washes and talus slopes, while Wyoming big sagebrush tends to occupy drier sites nearby. Above approximately 5,200 ft (1,580 m), black sagebrush begins to dominate and the other two species fade away (DoN 2019).

Other subdominant members of the sagebrush communities include yellow and rubber rabbitbrush, along with Nevada joint-fir (*Ephedra nevadensis*) and littleleaf horsebrush (*Tetradymia glabrescens*), as well as the invasive cheatgrass (*Bromus tectorum*) (DoN 2019). The replacement of native shrubs and bunchgrasses by annual non-natives, driven by overgrazing, has led to increased fire frequency, which in

turn favors further establishment of invasive plant species, particularly cheatgrass (Eiswerth and Shonkwiler 2006). Several fires occurred in the survey areas during the survey period, which will likely alter the vegetation and plant species in those sites.

The middle to upper elevations of the survey areas support riparian habitats in canyons and washes. These areas generally result from small springs and seeps, although sections of Bench Creek and several canyons in the proposed DVTa expansion area contain larger, more permanent waterways. Species commonly encountered in the riparian areas included Fremont cottonwood (*Populus fremontii*), willows (*Salix* spp.), and Wood's rose (*Rosa woodsii*). The presence of relatively permanent water allows riparian areas to support among the highest species diversity in the Great Basin (DoN 2019).

At the highest, coolest, moistest elevations of the project area, between approximately 6,000 and 8,000 ft (1,830 and 2,440 m) elevation, the vegetation changes to pinyon-juniper woodlands. Generally, the lower range of these elevations, particularly in the proposed B-17 expansion area, are dominated by Utah juniper (*Juniperus osteosperma*), the middle range is a mixture of Utah juniper and singleleaf pinyon pine (*Pinus monophylla*), and the upper end of the range is dominated by singleleaf pinyon pine. This woodland zone generally has an understory of sagebrush (generally Wyoming big sagebrush and black sagebrush), the rabbitbrushes, and occasionally other shrubs (DoN 2019).

3.0 METHODS

Rare plant survey methods were combined with pre-survey data analysis to determine suitable areas for field surveys for the 41 target species. The large extent of the survey areas dictated prioritization of survey areas and a complete survey of the entire proposed expansion areas was not attempted. Instead, those areas that were determined to yield the highest likelihood of rare or new species were targeted, and selection of survey routes attempted to access a broad distribution of the proposed expansion areas.

3.1 Pre-field Data Collection and Review

In preparation for rare plant surveys, ManTech researched known locations of each species to determine distributions and habitat preferences. Resources included the 2015 rare plant survey of NAS Fallon (NAS Fallon 2015) and geographic information system (GIS) data from NNHP (<http://heritage.nv.gov/>; [NNHP 2019](#)) and SEINet Arizona-New Mexico Chapter (<http://swbiodiversity.org/seinet/>). The 2015 report presents the results of rare plant surveys conducted across the current FRTC lands, including the areas immediately adjacent to the areas surveyed under the current survey effort. The rare plant occurrences documented in 2015 presented recent valuable information for developing habitat characteristics and search images. NNHP includes a comprehensive species description for each taxon including habitat requirements and ranges and NNHP resources were used throughout the course of the project. SEINet is an online data portal that serves as a gateway to natural resources data such as herbarium specimens. SEINet indexes an extensive list of herbaria to leverage collections across the US and Mexico. Spatial data for each rare plant species was downloaded from SEINet and integrated into the project GIS. Other resources included the Jepson Manual (Baldwin and Goldman 2012), *A Flora of Nevada* (Kartesz 1987), *Flora of North America* (<http://floranorthamerica.org>), and the CalPhotos website (<http://calphotos.berkeley.edu/flora/>).

Starting with the NNHP rare plant species list for the counties within the survey area (Table 1-1), a list of target species was developed based on occurrence records that were either within 50 miles and the elevational range of the survey area or the proposed FRTC expansion area is between known localities. That information as well as information from the above listed resources were used to develop habitat profiles and search images for the 21 targeted rare plant species (Table 3-1).

Table 3-1. Habitat and Soil Profiles of Target Rare Plant Species

Common Name	Habitat	Soil	Elevation (ft)
All Expansion Areas*			
Dune sunflower	Sand dune vegetation, stabilized disturbed areas such as roadsides. ⁽²⁾	Sandy soils of aeolian deposits, vegetated dunes, and dune skirt areas. ⁽²⁾	1,200-4,500 ⁽²⁾
Nevada dune beardtongue	Shadscale zone. ⁽²⁾	Deep loose sandy soils of valley bottoms, aeolian deposits, and dune skirts. ⁽²⁾	3,900-4,400 ⁽¹⁾
Lahontan beardtongue	Washes and canyon floors. ⁽²⁾	Carbonate-containing substrates, usually where subsurface moisture is available throughout most of the summer. ⁽²⁾	3,000-8,000 ⁽¹⁾
Lahontan indigobush	Shadscale, salt desert, and sagebrush zones. ⁽²⁾	Deep sand of active dunes, interdune areas, and vegetated dunes and aeolian deposits. ⁽²⁾	4,000-5,000 ⁽¹⁾
Lahontan milkvetch	Shadscale zone. ⁽²⁾	Calcareous or alkaline, sandy to gravelly washes in clay badlands. ⁽²⁾	4,300-5,000 ⁽¹⁾
Lemmon buckwheat	Shadscale zone. ⁽²⁾	Silty or sandy, sometimes gypsiferous shrink-swell clay derived from fluviolacustrine silt and volcanic ash deposits. ⁽²⁾	4,300-5,600 ⁽⁴⁾
Lahontan Basin buckwheat	Shadscale, mixed-shrub, and lower sagebrush zones. ⁽²⁾	Strongly alkaline shrink-swell clays derived from fluviolacustrine silt, volcanic ash, or diatomite deposits. ⁽²⁾	4,200-6,000 ⁽¹⁾
B-16, B-17, and B-20 Expansion Areas*			
Oryctes	Dunes, sandy flats. ⁽²⁾	Deep loose sand of stabilized dunes, washes, and valley flats. ⁽²⁾	3,900-4,900 ⁽³⁾
B-16, B-17, and DVTA Expansion Areas*			
Sand cholla	Shadscale, mixed shrub, sagebrush, and lower pinyon-juniper zones. ⁽²⁾	Sandy soils, sometimes gravelly or rocky (especially carbonate) soils. ⁽²⁾	4,000-5,000 ⁽²⁾
B-17 Expansion Area*			
Tonopah milkvetch	Intermountain greasewood and other salt desert shrubs. ⁽²⁾	Sandy flats, dunes. ⁽³⁾	4,200-5,500 ⁽²⁾
Eastwood milkweed	Shadscale, mixed-shrub, sagebrush, and lower pinyon-juniper zones.	In open areas on a wide variety of basic soils, including calcareous clay knolls, sand, carbonate or basaltic gravels, or shale outcrops.	1,402-2,068 ⁽²⁾
Sodaville milkvetch	Near cool springs with <i>Distichlis spicata</i> , <i>Sarcobatus vermiculatus</i> , <i>Sporobolus airoides</i> , etc.	Moist, open, alkaline hummocks and drainages	1,265-1,434 ⁽²⁾
B-17 and DVTA Expansion Areas*			
Beatley buckwheat	Sagebrush, pinyon-juniper, and mountain sagebrush zones. ⁽²⁾	Barren, basic, clay, or rocky clay on slopes and knolls of weathering rhyolitic or andesitic volcanic deposits. ⁽²⁾	5,600-7,600 ⁽¹⁾
Inyo blazing star	Sagebrush scrub, shadscale scrub, and pinyon-juniper woodlands. ⁽⁵⁾	Gravelly slopes, gypsum or ash soils. ⁽⁴⁾	3,600-6,600 ⁽³⁾
Scorpion milkvetch	Sagebrush zone to timberline. ⁽²⁾	Limestone or limey clay. ⁽¹⁾	7,000-11,000 ⁽¹⁾
B-16 and B-17 Expansion Areas*			
Dune linanthus	Dunes, sandy flats. ⁽³⁾	Alkaline soil of gypsum type. ⁽¹⁾	1,200-3,500 ⁽¹⁾
B-16, B-20, and DVTA Expansion Areas*			
Winged milkvetch	Shadscale and lower sagebrush zones. ⁽²⁾	Alkaline, seasonally moist sandy silt or clay. ⁽²⁾	4,000-9000 ⁽¹⁾
Nevada suncup	Salt desert, shadscale, and lower sagebrush zones. ⁽²⁾	Sandy, gravelly or clay slopes and flats. ⁽²⁾	4,000-6,800 ⁽¹⁾

Table 3-1. Habitat and Soil Profiles of Target Rare Plant Species

Common Name	Habitat	Soil	Elevation (ft)
B-17, B-20, and DVTA Expansion Areas*			
Candelaria blazing star	shadscale, mixed-shrub, and sagebrush zones. ⁽²⁾	Calcareous, gravelly or clay soils on weathered volcanic ash deposits, scree slopes, hot spring mounds, washes, road banks. ⁽²⁾	3,800-6,700 ⁽¹⁾
B-20 and DVTA Expansion Areas*			
Saltmarsh allocarya	Shadscale, upper creosote-bursage, and lower sagebrush zones. ⁽²⁾	Seasonally to permanently moist clay soils of alkaline to saline meadows. ⁽²⁾	2,000-4,600 ⁽³⁾
No Known Occurrences within 30 Miles of Proposed Expansion Areas*			
Reese River phacelia	Shadscale-greasewood, sagebrush, and lower pinyon-juniper zones. ⁽²⁾	Alkaline, nearly barren, whitish to brownish shrink-swell clay soils derived from fluviolacustrine volcanic ash and tuff deposits. ⁽²⁾	4,100-6,000 ⁽¹⁾

Sources: ⁽¹⁾Kartesz 1987; ⁽²⁾NNHP 2018; ⁽³⁾Baldwin and Goldman 2012; ⁽⁴⁾Flora of North America (<http://floranorthamerica.org>);
⁽⁵⁾Thompson and Prigge 2004.

Note: *Potential occurrence based on SEINet and NNHP records within 30 miles (48 km) of proposed FRTC expansion areas and 2015 rare plant surveys of current FRTC lands (NAS Fallon 2015).

Based on the habitat parameters of the target species (Table 3-1), several habitat types appeared to be most important for field surveys: sand dunes (potential for seven species), shrink-swell soils (three species) and landscape features influenced by hydrologic factors such as washes, saline meadows, and seasonally moist areas (four species). These characteristics are easily determined from aerial imagery and in the field.

Surveys in the proposed expansions area were highly constrained by road access, with many sites accessible only with extensive hiking. Other areas were accessible by four-wheel drive trails, but required field inspection to ascertain drivability for that season. Given these constraints, the vast area of the project, and the number of target species, modeling all suitable habitat for field inspection was not feasible. However, based on habitat preferences of the target species and inspection of aerial imagery, several broad target areas were identified for initial surveys (Figure 3-1). These areas included aeolian sand dunes that accumulate on the north and north eastern edges of playas, wet meadows, and light-colored soils that were likely to be calcareous, alkaline, and/or shrink swell clays. These features are well distributed across the proposed expansion areas, and it was anticipated that additional areas would be encountered that had a high probability of supporting the target species in the course of accessing these core areas. Surveys were not limited to the target areas shown in Figure 3-1, but covered extensive areas across the proposed FRTC expansion areas. As with any remotely selected survey site, some targeted survey areas were visited and found to be less suitable for rare plant surveys than anticipated from the desktop exercise. These were deprioritized in favor of other survey areas found in the field with suitable habitat for the targeted rare plant species.

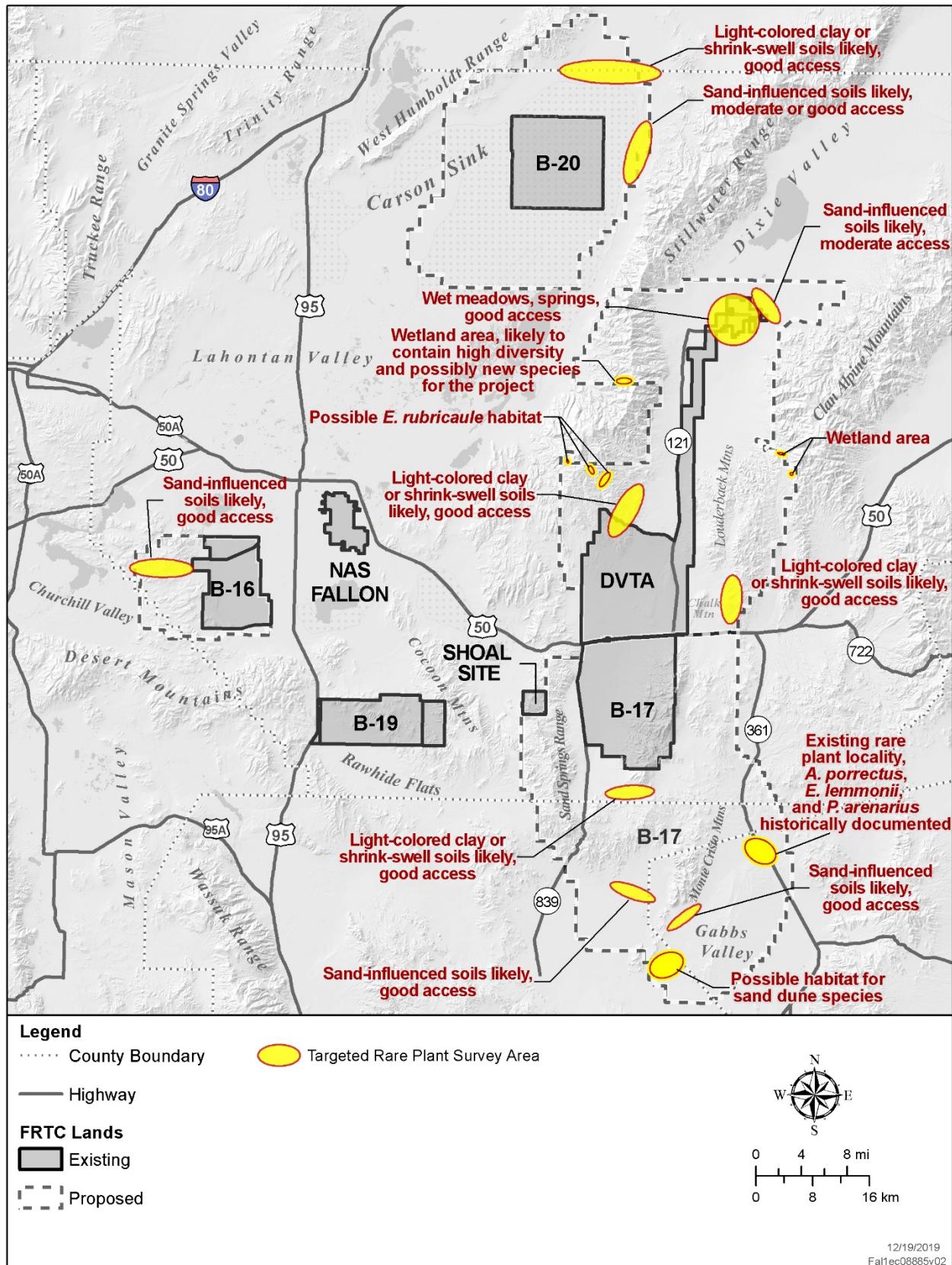


Figure 3-1. Targeted Rare Plant Survey Areas Based on Habitat Preferences

Prior to going into the field, two forms were developed for use on a cell phone or tablet, one for collection of the base species list data and one for rare plant data. The base species list form consisted of one field for species observed and a field for notes. The species list was initially created from the results of the 2015 survey conducted by Tierra Data on existing FRTC lands (NAS Fallon 2015), then periodically updated throughout the survey period as additional species were detected. Surveyors accumulated a new list each day and added species as they were encountered, generally with only one instance of each species recorded each day. Surveyors remained within a single proposed expansion area each day, so the lists were parsed out to represent the list of species detected within each area.

The rare plant form included more detail to record the number of plants, if the count was exact or an estimate, phenological stage, and notes about the occurrence such as disturbance, important associates, etc. (Table 3-2). Appendix C presents the full list of domains used in these fields. Both forms were integrated into a basemap that displayed aerial imagery (Esri's ArcGIS Online Imagery Basemap), the project extent, roads, and known reference locations of rare plants where they were available (e.g., SEINet, NNHP).

Table 3-2. Data Fields Used in the Rare Plant Data Collection Form

Field	Type	Range of Values
Species	Pick List	Previously documented taxa
Date	Calendar	Defaults to current
Phenology	Pick List	Vegetative, Flowering, Seeding, Dropped Seeds, Juvenile
CountType	Pick List	Estimate or Actual
Count	Numeric	1-100,000
Notes	String	User-Defined

3.2 Field Methods

Data collection was performed using mobile devices running Esri's Collector for ArcGIS application. This app streamlines data collection and increases consistency from one user to the next. Features include domains that offer choices for each field to prevent misspellings and force users to record data fully, and base maps facilitate navigation and awareness of project boundaries and reference sites. The online platform allowed quick transfer of field data into analysis-ready databases, eliminating the need for a laborious data entry step. Each mobile device used an internal global positioning system (GPS) to collect location data, or was linked via Bluetooth connection to an external Bad Elf® GNSS Surveyor GPS unit with approximately 10 ft (3 m) accuracy.

Faced with surveys of a potential area encompassing approximately 680,000 ac (275,200 ha), ManTech opted for intuitive, pedestrian surveys that relied on the surveyors' knowledge of habitats and rare plant preferences to key into suitable areas and maximize the likelihood of encountering the target species. Thus, survey routes were determined in the field and generally meandered through each area with additional focus on pre-selected targeted areas (if found to be suitable upon field inspection), riparian areas, washes, soil types that coincided with rare plant habitat preferences, and areas of high-quality native habitat. Target areas in Figure 3-1 were evaluated for quality and surveyed if suitable conditions were found. Survey tracks were recorded using handheld Garmin GPS units. Rare plant surveys in suitable habitat were generally performed on foot. Additional species occurrence data points were recorded opportunistically along roadsides to document common and rare plant species for a species list for the proposed FRTC expansion areas. Several species of rare plants were observed from vehicles, partly due to a preference for roadside habitat, and partly because the quality of the roads required a close-to-walking-

pace speed for the vehicles, allowing for ample time to observe roadside vegetation. Where rare plants were found roadside, botanists made stops to further survey and document the extent of the populations on foot.

Although formal invasive plant surveys were not performed throughout the proposed expansion areas, species occurrences were recorded opportunistically when they were encountered. Roadside surveys were also important here, as early detections of invasive species populations are frequently made in the disturbed margins of transportation corridors where propagules can be transported long distances and then deposited in prime habitat.

Vouchering is an important part of botanical data collection, providing a permanent record of species, phenology, plant associations, and field observations for the scientific community. Specimens collected as permanent vouchers are also valuable for identification of species with ambiguous characteristics, especially those requiring expert knowledge or a range of phenological stages for verification. Plant specimen vouchers were collected opportunistically, especially in areas with high diversity or where rare plants were documented. Data collected along with the physical specimen included date, location, plant information (such as flower color, size, etc.), population information (such as phenological stage, number of individuals, and disturbance), and associated vegetation information. Specimens were collected in duplicate and initially pressed in newspaper in a field press, then transferred to a hard press with blotter sheets. One set of duplicated specimens was sent to the Natural History Museum, University of Nevada Reno and the other to Vascular Plant Herbarium, Arizona State University.

4.0 RESULTS

4.1 Areas Surveyed

A total of 107 person survey days (66 days in 2017, 10 days in 2018, and 31 days in 2019) across 9 visits (5 in 2017, 1 in 2018, and 4 in 2019) were spent surveying for rare plants within the four proposed FRTC expansion areas (Table 4-1). All four proposed expansion areas were visited on each 2017 survey, with the exception of B-16, which was only visited during the first two trips. Only the proposed B-17 and DVTA expansion areas were surveyed during the 2018 and 2019 surveys.

Table 4-1. Summary of 2017, 2018, and 2019 Survey Efforts

Start Date	End Date	Person Survey Days	Proposed Expansion Area	Personnel
13 May 2017	19 May 2017	12	B-16, B-17, B-20, DVTA	M. Baker, M. Cloud-Hughes, E. Howe
2 Jun 2017	9 Jun 2017	18	B-16, B-17, B-20, DVTA	E. Howe, C. Mendoza, S. Ratay
2 Jun 2017	13 Jun 2017	20	B-17, B-20, DVTA	M. Baker, M. Cloud-Hughes
15 Jul 2017	22 Jul 2017	10	B-17, B-20, DVTA	M. Baker, M. Cloud-Hughes
14 Sep 2017	18 Sep 2017	6	B-17, B-20, DVTA	M. Baker, M. Cloud-Hughes
1 Oct 2018	5 Oct 2018	10	B-17, DVTA	M. Baker, M. Cloud-Hughes
22 Apr 2019	22 Apr 2019	1	B-17, DVTA	E. Howe
8 May 2019	14 May 2019	14	B-17, DVTA	M. Baker, M. Cloud-Hughes
21 Jun 2019	28 Jun 2019	16	B-17, DVTA	M. Baker, M. Cloud-Hughes

A total of 2,658 miles (4,278 km) were surveyed: 628 mi (1,011 km) on foot and 2,030 mi (3,267 km) by vehicle (Table 4-2; Figures 4-1 through 4-4). Survey effort for each proposed expansion area was roughly proportional to the total acreage. Roads were occasionally surveyed multiple times, particularly those that were important in connecting major regions of the proposed expansion areas, or those that traversed

habitats rich in rare plants or overall plant species diversity. Foot survey tracks were not repeated, although nearby areas were occasionally resurveyed during a different trip.

Table 4-2. Survey Miles Completed within Each Proposed Expansion Area

Proposed Expansion Area	Total Acreage of Expansion Area	Foot Miles	Vehicle Miles	Total Miles
B-16	31,800	27	88	115
B-20	179,900	101	40	141
B-17	212,600	219	898	1,117
DVTA	256,400	281	1,004	1,285
Total	680,700	628	2,030	2,658

The proposed B-16 expansion area is the smallest of the four and also the most homogenous. Thus, the later-summer surveys focused on expanding the surveys within the larger areas instead of revisiting B-16. Survey visits were dispersed throughout the growing season to sample across the wide range of phenologies in the Great Basin. Although most species flower and are therefore most easily identified in the spring, the late summer/early autumn surveys were timed to coincide with fall-flowering species, which included several dominant shrubs in the Asteraceae family that were important to identify for the base species list and because they were critical to the vegetation mapping effort (DoN 2019). Late-season surveys assisted in identifying species that require flowering or fruiting material.

4.2 Observed Rare Plant Species

Of the 43 targeted rare plant species, 10 were recorded during the 2017 and 2019 surveys of the proposed expansion areas (Table 4-3); no rare plant species were observed during October 2018 surveys within the proposed B-17 and northern DVTA expansion areas. Occurrences ranged from single individuals to thousands.

Table 4-3. Observed Occurrences of Rare Plant Species within the Proposed Expansion Areas during 2017 and 2019 Surveys

NNHP List	Scientific Name	Common Name	Expansion Area (No. Individuals)				Total Individ.
			B-16	B-17	B-20	DVTA	
At-Risk	<i>Asclepias eastwoodiana</i>	Eastwood milkweed	-	X (55)	-	-	55
	<i>Astragalus lentiginosus</i> var. <i>sesquimetalis</i>	Sodaville milkvetch	-	X (25)	-	-	25
	<i>Astragalus pseudiodanthus</i>	Tonopah milkvetch	-	X (293)	-	-	293
	<i>Grusonia pulchella</i>	Sand cholla	X (1)	X (21)	X (8)	X (16)	46
	<i>Oryctes nevadensis</i>	Oryctes	-	X (55)	X (18)	-	73
	<i>Penstemon palmeri</i> var. <i>macranthus</i> *	Lahontan beardtongue	-	-	X (25)	X (75)	100
Watch	<i>Eremothera nevadensis</i> *	Nevada suncup	X (41)	-	-	-	41
	<i>Eriogonum rubricaule</i> *	Lahontan Basin buckwheat	-	X (9,033)	X (48)	X (8,197)	17,278
	<i>Phacelia glaberrima</i> *	Reese River phacelia	-	X (525)	X (573)	-	1,098
	<i>Plagiobothrys salsus</i>	Saltmarsh allocarya	-	-	-	X (14)	14

Notes: "X" = observed; “-” = not observed; * = Nevada endemic. Common and scientific names based on NNHP (2018).

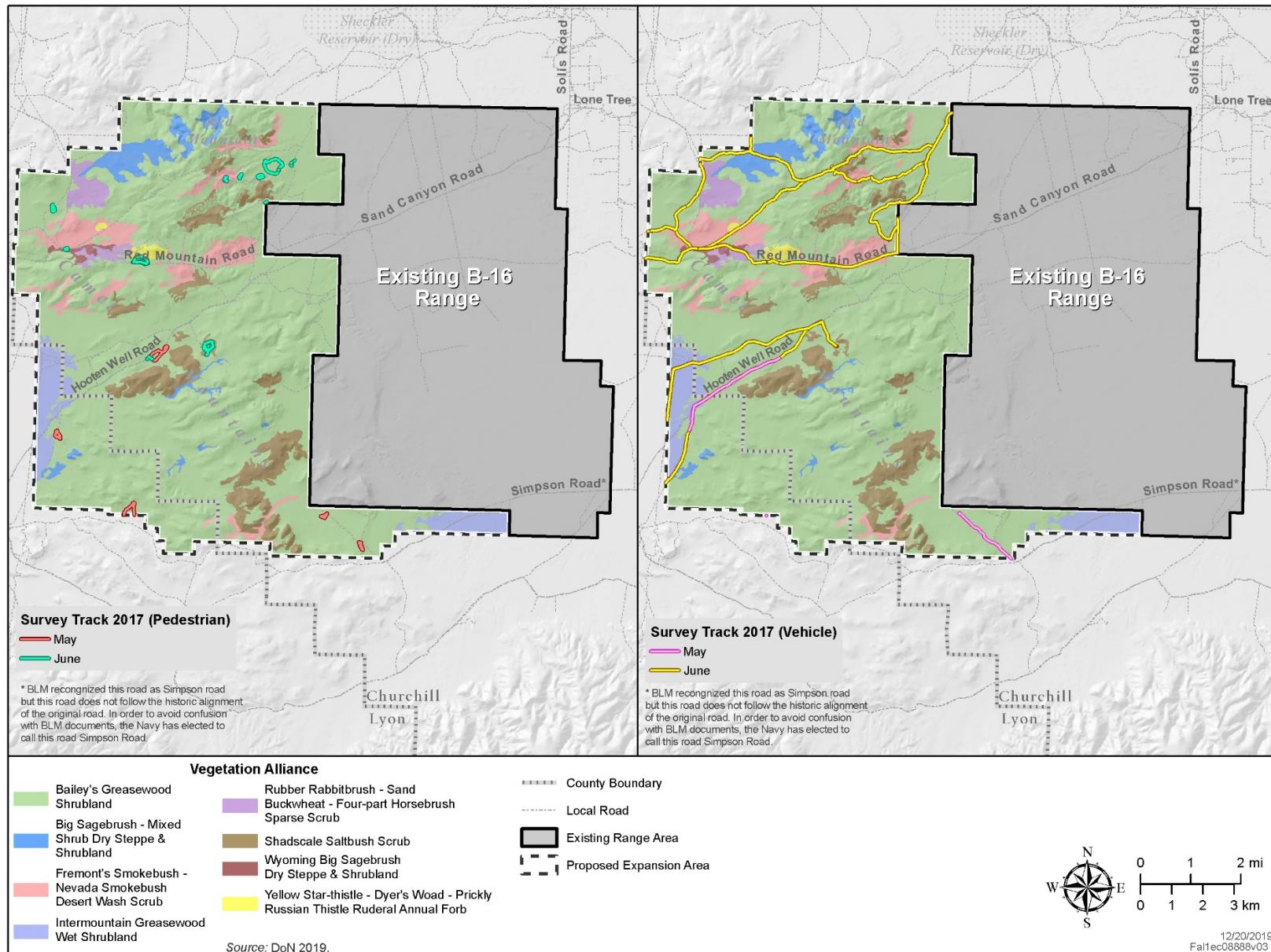


Figure 4-1. Rare Plant Survey Routes within the Proposed B-16 Expansion Area

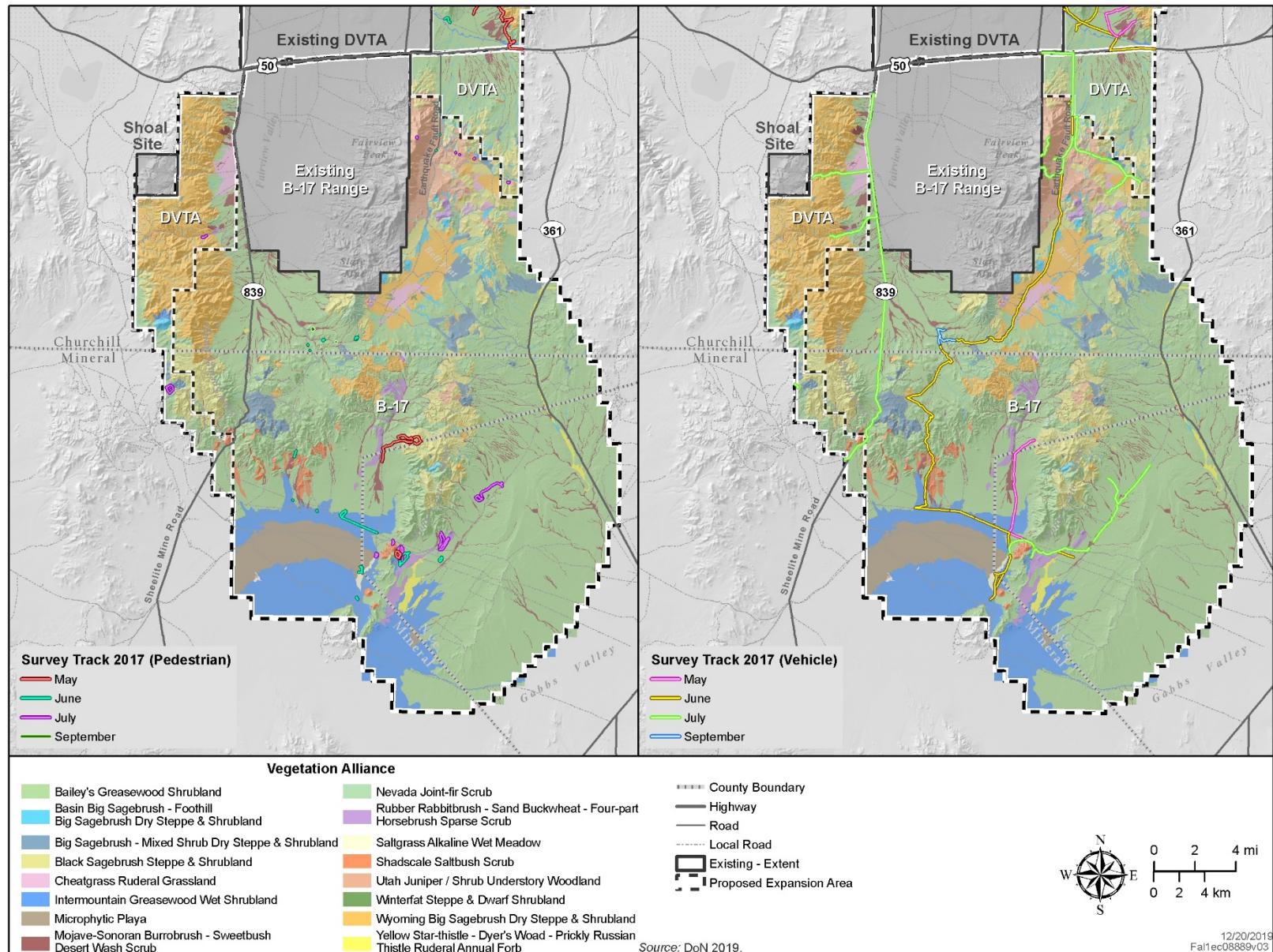


Figure 4-2. Rare Plant Survey Routes within the Proposed B-17 and Southern DVTA Expansion Areas

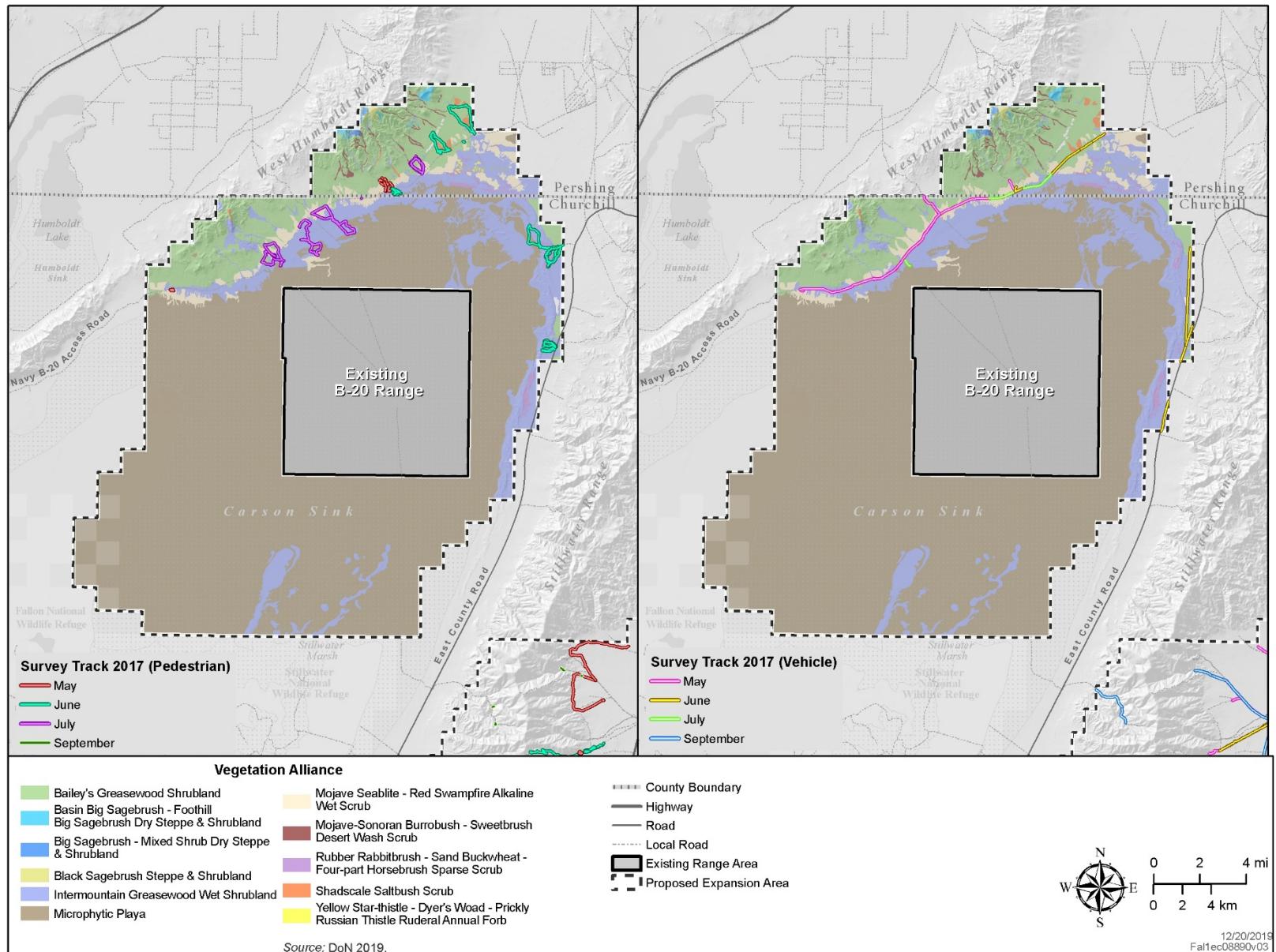


Figure 4-3. Rare Plant Survey Routes within the Proposed B-20 Expansion Area

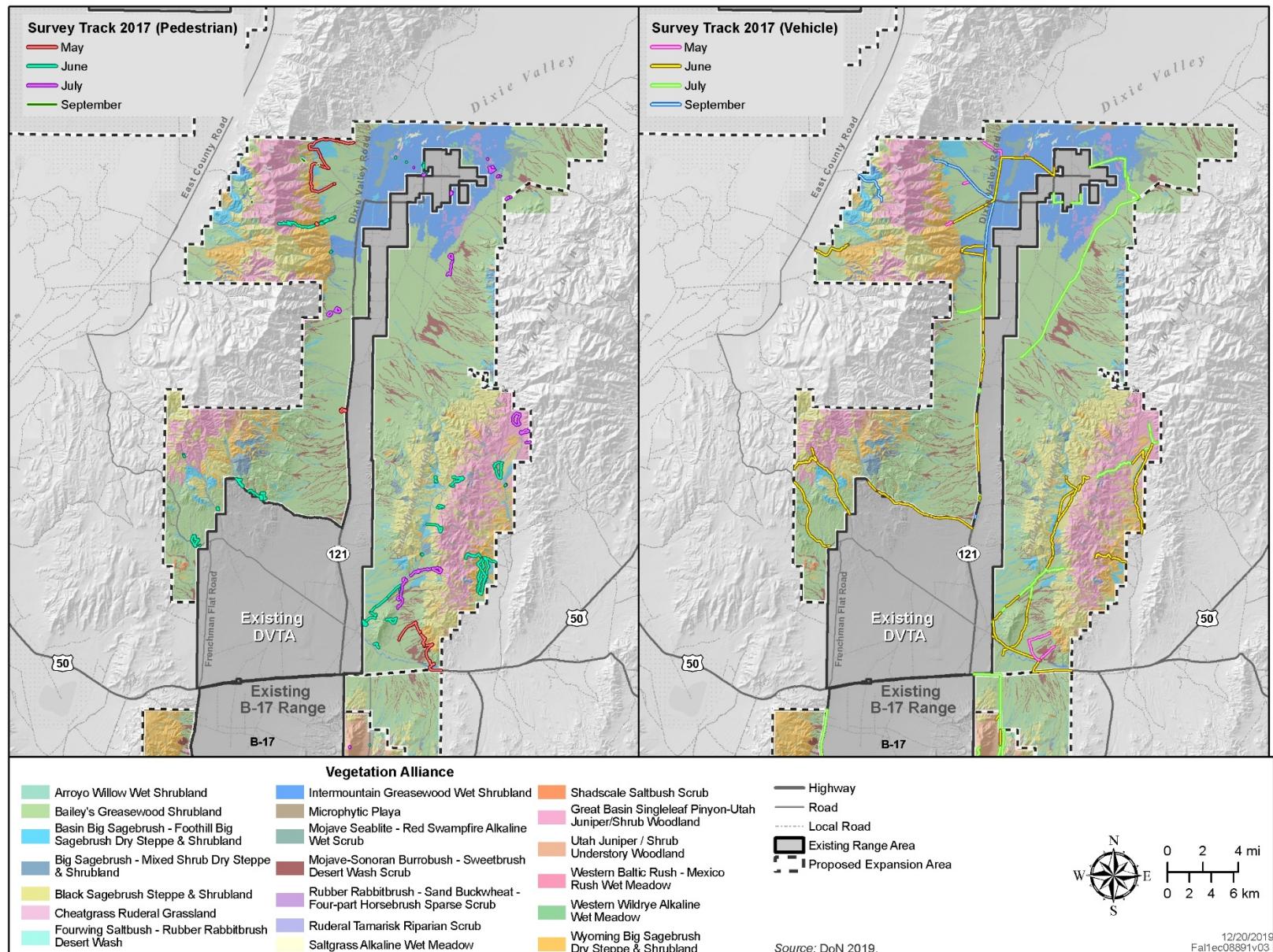


Figure 4-4. Rare Plant Survey Routes within the Proposed Northern DVTA Expansion Area

Eastwood Milkweed (*Asclepias eastwoodiana*)

Eastwood milkweed is a 5-20 cm long, prostrate or ascending perennial with 1-5 cm long, broadly lanceolate to ovate leaves and with pale violet to reddish-violet flowers (Figure 4-5). Restricted to fine alkaline soils in clay hills and rocky slopes with pinyon, *Artemisia*, *Atriplex*, and *Sarcobatus*.



Figure 4-5. Eastwood Milkweed (*Asclepias eastwoodiana*)

A total of 55 individuals were found in two localities in close proximity to each other in the southeastern portion of the proposed B-17 expansion area (Table 4-4, Figure 4-6). Based on concurrent vegetation mapping, both localities were within the Bailey's Greasewood Shrubland alliance (DoN 2019).

Table 4-4. 2019 Eastwood Milkweed (*Asclepias eastwoodiana*) Occurrences within the Proposed B-17 Expansion Area

Date	Phenology	Count	Vegetation Alliance
May 11	Flowering	25	Bailey's Greasewood Shrubland
May 31	Seed	30	Bailey's Greasewood Shrubland

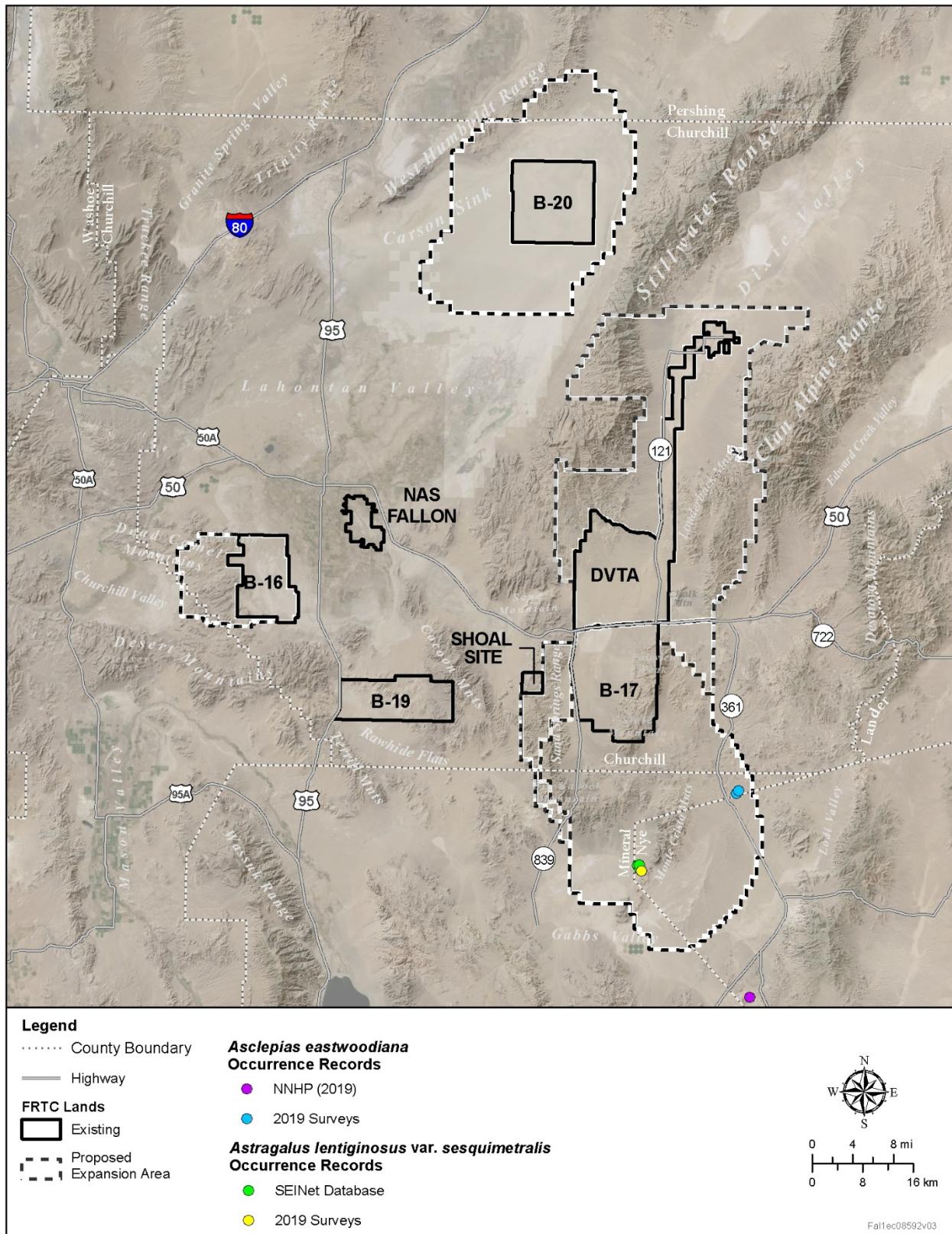


Figure 4-6. Historical and 2019 Eastwood Milkweed (*Asclepias eastwoodiana*) and Sodaville Milkvetch (*Astragalus lentiginosus* var. *sesquimetalis*) Locations

Sodaville Milkvetch (*Astragalus lentiginosus* var. *sesquimetralis*)

Sodaville milkvetch is a perennial herb of moist, alkaline flats (Figure 4-7). Restricted to powdery clay saline soils on moist, open hummocks and drainages near cool springs with *Distichlis spicata*, *Sarcobatus vermiculatus*, and *Sporobolus airoides*. Stems are prostrate, elongate, creeping, and 60-80 cm long.



Figure 4-7. Sodaville Milkvetch (*Astragalus lentiginosus* var. *sesquimetralis*)

A total of 25 individuals were found in 1 locality near the southern portion of the proposed B-17 expansion area (Table 4-5, Figure 4-6). SEINet records indicate occurrences near the 2019 locality. Based on concurrent vegetation mapping, the occurrence was in the Saltgrass Alkaline Wet Meadow vegetation alliance (DoN 2019).

Table 4-5. 2019 Sodaville Milkvetch (*Astragalus lentiginosus* var. *sesquimetralis*) Occurrences within the Proposed B-17 Expansion Area

Date	Phenology	Count	Vegetation Alliance
May 9	Flowering	25	Saltgrass Alkaline Wet Meadow

Tonopah Milkvetch (*Astragalus pseudiodanthus*)

Tonopah milkvetch is a mat-forming, perennial herb in the Fabaceae family with short trailing stems that ascend toward the ends. The leaves are odd-pinnate with 5-9 pairs of leaflets and one terminal leaflet (Figure 4-8). The flowers are typically papilionaceous (like a pea flower), pale red-purple, and about 0.4 in (1 cm) long. Tonopah milkvetch is similar in many aspects to Humboldt River milkvetch (*A. iodanthus*) except the root crown of Tonopah milkvetch is generally below ground-level, and the herbage and fruits are densely villous. Tonopah milkvetch flowers in approximately May to June (Cronquist et al. 1984).



Figure 4-8. Tonopah Milkvetch with Immature Fruit (top inset) and Flower (bottom inset)

A total of 297 individuals were found in 15 localities in stabilized dunes and sandy flats near the south end of the proposed B-17 expansion area (Table 4-6, Figure 4-9). SEINet records indicate occurrences within the same area as the 2017 and 2019 localities. NNHP records list one occurrence within the northern portion of the proposed B-17 expansion area and numerous outside the B-17 area.

Plants were associated with Nevada smokebush (*Psorothamnus polydenius*), desert needlegrass (*Stipa hymenoides*), transmontane sand verbena (*Abronia turbinata*), browneyes (*Chylismia claviformis*), and cushion cryptantha (*Cryptantha circumscissa*). Based on concurrent vegetation mapping, 291 occurrences were in the Bailey's Greasewood Shrubland alliance, 5 occurred in Intermountain Greasewood Wet Shrubland, and 1 occurred in Rubber Rabbitbrush – Sand Buckwheat – Four-part Horsebrush Sparse Scrub (DoN 2019).

Table 4-6. Tonopah Milkvetch (*Astragalus pseudiodanthus*) Occurrences within the Proposed B-17 Expansion Area

Date	Phenology	Count	Vegetation Alliance
2017			
Jun 11	Fruit	1	Rubber Rabbitbrush - Sand Buckwheat - Four-part Horsebrush Sparse Scrub
May 17	Flower	3	Bailey's Greasewood Shrubland
2019			
May 12	Flower	5	Bailey's Greasewood Shrubland
May 12	Seed	1	Bailey's Greasewood Shrubland
May 12	Flower	5	Bailey's Greasewood Shrubland
May 12	Flower	25	Bailey's Greasewood Shrubland
Jun 21	Seed	5	Intermountain Greasewood Wet Shrubland
Jun 22	Flower	100	Bailey's Greasewood Shrubland
Jun 22	Flower	100	Bailey's Greasewood Shrubland
Jun 22	Seed	5	Bailey's Greasewood Shrubland
Jun 22	Seed	25	Bailey's Greasewood Shrubland
Jun 28	Seed	10	Bailey's Greasewood Shrubland

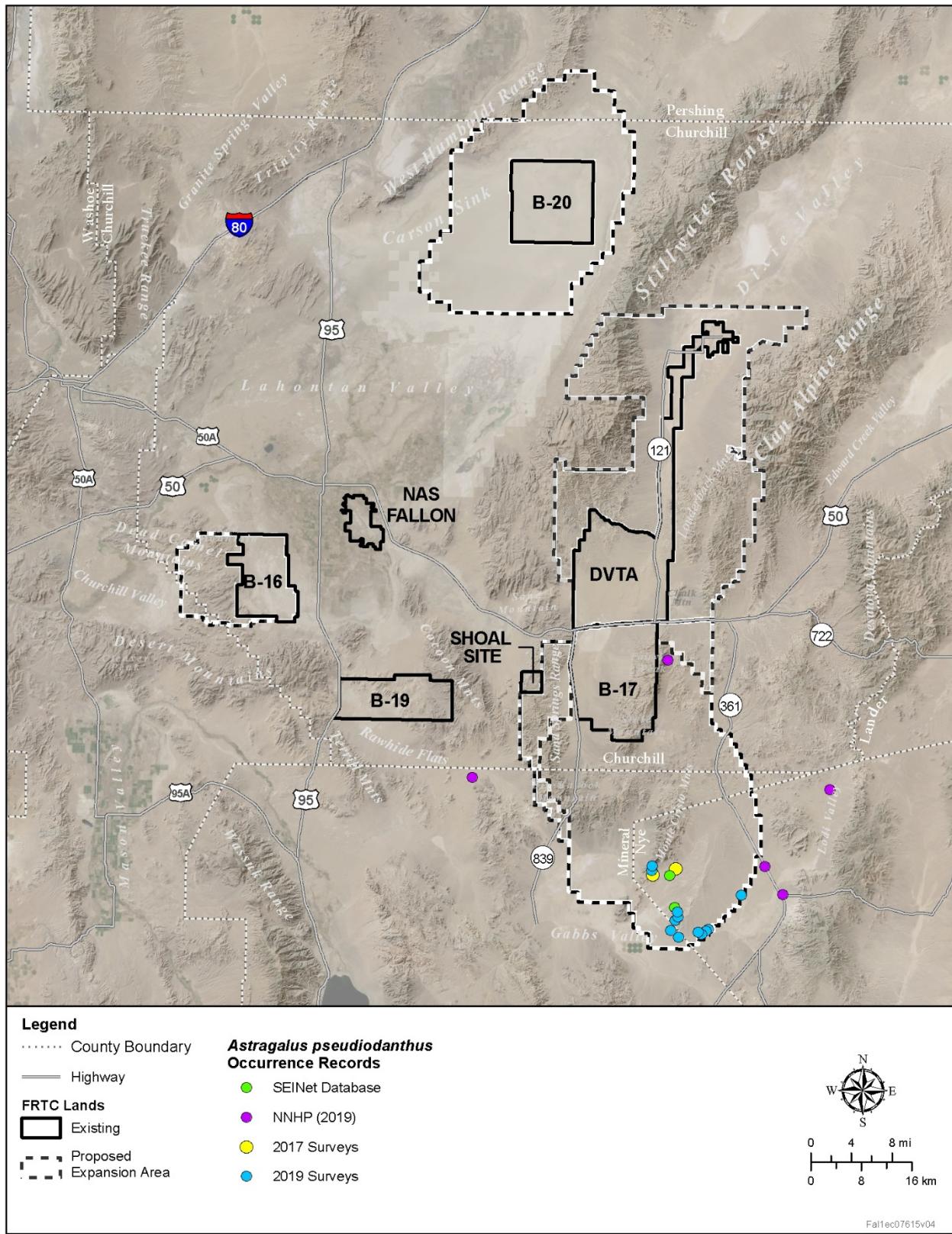


Figure 4-9. Historical, 2017, and 2019 Tonopah Milkvetch (*Astragalus pseudiodanthus*) Locations

Nevada Suncup (*Eremothera nevadensis*)

Nevada suncup is a low, small annual in the Onagraceae family that forms a loose rosette of leaves from a thin taproot (Figure 4-10). The flowering stems are prostrate and turned upward toward the ends. The stems are sparsely leafy ending in a compact cluster of white flowers. The leaves of both the rosette and the flowering stem are entire, narrow, and without hairs. Like many species of the family, the flowers open in the evening and wilt the following day. The fruit is a long, narrow, four-angled capsule. Nevada suncup is similar to Booth's suncup (*E. boothii alyssoides*) from which it differs in growth habit (Cronquist et al. 1997). Plants generally flower from April to May and occur in open places in valleys and on low hills, and in substrate that is sandy, gravelly, silty, or clayey, and often alkaline in nature.



Figure 4-10. Nevada Suncup (*Eremothera nevadensis*) with Desert Horned Lizard (*Phrynosoma platyrhinos*)

Nevada suncup was recorded at three locations in the proposed B-16 expansion area, at the edge of a small dry lake bed and at the southern edge of the range (Table 4-7, Figure 4-11). One additional record was made just south of the border of the proposed B-16 expansion area. SEINet records indicate occurrences south of B-16. The 2015 surveys documented the species at one location north of the proposed DVTA expansion area (NAS Fallon 2015).

Associated species included shadscale, Bailey's greasewood, cheatgrass, and Mojave seablight (*Suaeda nigra*), and all of the localities were within the Bailey's Greasewood vegetation alliance (DoN 2019).

Table 4-7. 2017 Nevada Suncup (*Eremothera nevadensis*) Occurrences within the Proposed B-16 Expansion Area

Date	Phenology	Count	Vegetation Alliance
May 14	Flower	35	Bailey's Greasewood Shrubland
May 14	Flower	2	Bailey's Greasewood Shrubland
May 14	Flower	4	Bailey's Greasewood Shrubland

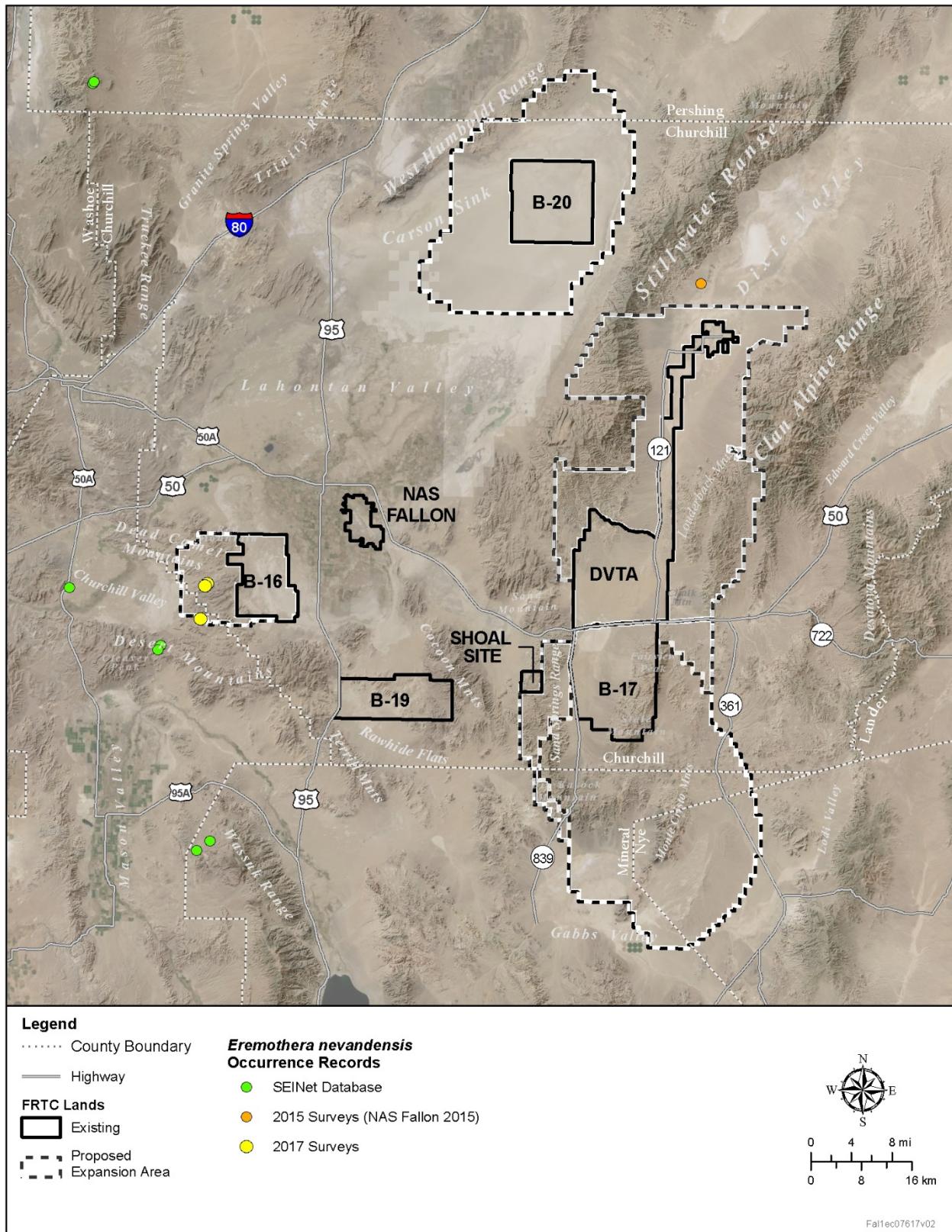


Figure 4-11. Historical and 2017 Nevada Suncup (*Eremothera nevadensis*) Locations

Lahontan Basin Buckwheat (*Eriogonum rubricaulle*)

Lahontan Basin buckwheat is a small, erect annual of the family Polygonaceae, generally less than 1.3 ft (0.4 m) tall. The leaves are borne in a basal rosette and are orbicular (the margins forming a circle) or nearly so and are only sparsely hairy (Figures 4-12 and 4-13). The main flowering stems are one to few, erect, and sometimes slightly inflated, often tinged red. The inflorescence is branched above, each branch ending in a small cluster of narrow cups (involucres). The involucres are bell-shaped and glabrous, generally somewhat glaucous (with a waxy surface). Flowering occurs May–October. This buckwheat grows primarily on moderate to steep, easily eroded hillsides composed of a combination of silt, fine sand, loose clay, and gravel. Individuals are often locally abundant.



Figure 4-12. Lahontan Basin Buckwheat (whole plant [left] and basal rosette [right])



Figure 4-13. Floral and Leaf Characters of Lahontan Basin Buckwheat. Involucre (left), dorsal side of leaf (center), and ventral side of leaf (right)

This species was both the most widespread and the most abundant rare plant found in the proposed expansion areas with 61 occurrences totaling approximately 17,300 individuals (Table 4-8; Figure 4-14). SEINet records also indicate that this plant is relatively widespread in the survey area. In some areas, particularly in the southeastern portion of the proposed DVTX expansion area, the habitat was extensive, harboring up to several thousand individuals. Common associates included shadscale, cheatgrass, Bailey's greasewood, sulphur-flower buckwheat (*Eriogonum inflatum*), and Mojave seablight. The majority of localities were found in Bailey's Greasewood Shrubland alliance, with scattered localities in Wyoming Big Sagebrush Dry Steppe & Shrubland, Mojave-Sonoran Burrobrush – Sweetbush Desert Wash Scrub, and Mojave Seablight – Red Swampfire Alkaline Wet Scrub (DoN 2019).

Table 4-8. Lahontan Basin Buckwheat (*Eriogonum rubricaulle*) Occurrences within the Proposed B-17, B-20, and DVTA Expansion Areas

Date	Phenology	Count	Proposed Expansion Area	Vegetation Alliance
2017				
Jun 10	Flower	50	B-17	Bailey's Greasewood Shrubland
Jun 10	Vegetative	5	B-17	Bailey's Greasewood Shrubland
Jun 3	Flower	6	B-20	Bailey's Greasewood Shrubland
May 15	Flower	10	B-20	Mojave Seablite - Red Swampfire Alkaline Wet Scrub
May 15	Flower	2	B-20	Bailey's Greasewood Shrubland
May 15	Flower	10	B-20	Bailey's Greasewood Shrubland
May 15	Flower	20	B-20	Bailey's Greasewood Shrubland
Jun 6	Flower	100	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	30	DVTA	Mojave-Sonoran Burrobrush - Sweetbush Desert Wash Scrub
Jun 6	Flower	200	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	100	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	250	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	250	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	40	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	10	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	15	DVTA	Bailey's Greasewood Shrubland
Jun 6	Vegetative	1	DVTA	Bailey's Greasewood Shrubland
Jun 8	Flower	20	DVTA	Bailey's Greasewood Shrubland
Jun 8	Flower	6	DVTA	Bailey's Greasewood Shrubland
Jun 9	Flower	10	DVTA	Bailey's Greasewood Shrubland
Jun 9	Flower	10	DVTA	Bailey's Greasewood Shrubland
Jun 9	Flower	20	DVTA	Bailey's Greasewood Shrubland
Jun 9	Flower	5	DVTA	Bailey's Greasewood Shrubland
Jun 9	Flower	20	DVTA	Bailey's Greasewood Shrubland
Jun 9	Flower	112	DVTA	Bailey's Greasewood Shrubland
Jun 9	Flower	1000	DVTA	Bailey's Greasewood Shrubland
Jun 9	Seeds	50	DVTA	Bailey's Greasewood Shrubland
Jun 9	Seeds	200	DVTA	Bailey's Greasewood Shrubland
Jun 9	Seeds	2000	DVTA	Bailey's Greasewood Shrubland
Jun 9	Flower	50	DVTA	Bailey's Greasewood Shrubland
Jun 9	Seeds	200	DVTA	Bailey's Greasewood Shrubland
Jun 9	Flower	1000	DVTA	Bailey's Greasewood Shrubland
Jun 9	Seeds	2000	DVTA	Bailey's Greasewood Shrubland
Jun 9	Flower	25	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	150	DVTA	Bailey's Greasewood Shrubland
May 16	Flower	2	DVTA	Bailey's Greasewood Shrubland
May 16	Flower	1	DVTA	Bailey's Greasewood Shrubland
May 16	Flower	1	DVTA	Bailey's Greasewood Shrubland
May 16	Bud	3	DVTA	Bailey's Greasewood Shrubland
May 16	Bud	5	DVTA	Bailey's Greasewood Shrubland
May 16	Bud	15	DVTA	Bailey's Greasewood Shrubland
May 16	Bud	10	DVTA	Bailey's Greasewood Shrubland
May 16	Bud	6	DVTA	Bailey's Greasewood Shrubland
May 16	Flower	80	DVTA	Wyoming Big Sagebrush Dry Steppe & Shrubland

Table 4-8. Lahontan Basin Buckwheat (*Eriogonum rubricaulle*) Occurrences within the Proposed B-17, B-20, and DVTA Expansion Areas

Date	Phenology	Count	Proposed Expansion Area	Vegetation Alliance
May 16	Flower	200	DVTA	Wyoming Big Sagebrush Dry Steppe & Shrubland
2019				
May 11	Flower	25	B-17	Bailey's Greasewood Shrubland
May 12	Bud	1	B-17	Bailey's Greasewood Shrubland
May 12	Flower	1	B-17	Bailey's Greasewood Shrubland
May 31	Flower	1,000	B-17	Bailey's Greasewood Shrubland
May 31	Flower	500	B-17	Bailey's Greasewood Shrubland
Jun 22	Seed	1,000	B-17	Bailey's Greasewood Shrubland
Jun 23	Flower	100	B-17	Bailey's Greasewood Shrubland
Jun 23	Flower	50	B-17	Bailey's Greasewood Shrubland
Jun 23	Flower	50	B-17	Bailey's Greasewood Shrubland
Jun 23	Flower	1,000	B-17	Bailey's Greasewood Shrubland
Jun 23	Flower	100	B-17	Bailey's Greasewood Shrubland
Jun 23	Flower	50	B-17	Bailey's Greasewood Shrubland
Jun 28	Flower	1	B-17	Mojave-Sonoran Burrobush - Sweetbush Desert Wash Scrub
Jun 28	Seed	2,500	B-17	Bailey's Greasewood Shrubland
Jun 28	Flower	2,500	B-17	Bailey's Greasewood Shrubland
Jun 28	Flower	100	B-17	Bailey's Greasewood Shrubland

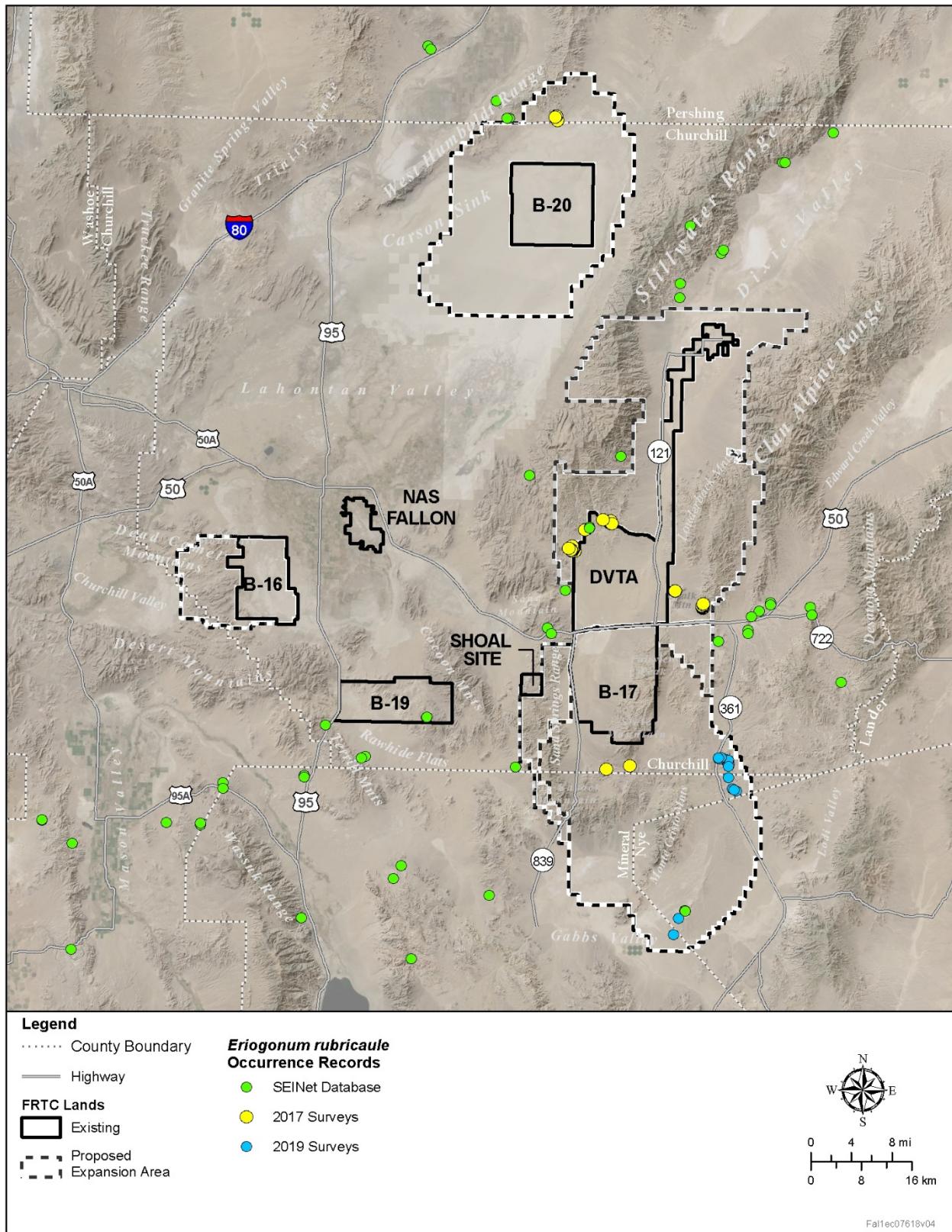


Figure 4-14. Historical, 2017, and 2019 Lahontan Basin Buckwheat (*Eriogonum rubricaul*) Locations

Sand Cholla (*Grusonia pulchella*)

Sand cholla is generally a diminutive shrub in the Cactaceae family from a large, often spiny, tuber (Figure 4-15). Occasionally, individuals will be intricately-branched, reaching 1.6 ft (0.5 m) tall and as broad. The dark green succulent stems are sausage-shaped to narrowly club-shaped, 0.4 in (1 cm) in diameter, and generally less than 3.9 in (10 cm) long. The spines emerge from small fuzzy spots on the stem (areoles) and are variable in number and size, the longest generally dark brown to black. In comparison to the stems, the flowers are large (to 1.6 in [4 cm] wide) and pink to deep red-purple, and emerge May through July, but mostly in June. The fruits are spiny and dry at maturity and 0.4-1.2 in (1-3 cm) long and usually narrower than long (Holmgren et al. 2012). Despite its common name, sand cholla occurs sporadically on gravelly, silty, sometimes rocky, alluvial fans, and less often along dry lake beds or in sandy areas. It is distributed from the eastern edge of California, throughout much of northern Nevada, to western Utah.



Figure 4-15. Sand Cholla (whole plant [left] and flowers with pollinators [right]).

Sand cholla was recorded in broad valleys and flats in very low densities but occasionally in small clusters of 2-4 individuals. It occurred most often in silty soils with a surface of rocks and gravel but also occur in a matrix of cryptogamic crusts. Common associates were bud sagebrush, shadscale, cheatgrass, Bailey's greasewood, and Mojave seablight. Most localities occurred in the Bailey's Greasewood Shrubland alliance (DoN 2019).

The densest cluster of occurrences, 8 localities with 8 individuals, was in the northern portion of proposed B-20 expansion area, while 16 occurrences with 16 individuals were recorded in the proposed DVTA expansion area, 20 occurrences of 21 individuals were found in the southern proposed B-17 expansion area, and only 1 individual was found in the proposed B-16 expansion area (Table 4-9; Figure 4-16). Although the SEINet database only had one record for the species in the vicinity of the proposed expansion areas, the 2015 surveys documented numerous occurrences within the existing B-19 and few occurrences within B-17 and B-16 (NAS Fallon 2015). NNHP records show a number of occurrences to the northwest of NAS Fallon (Figure 4-16).

Table 4-9. Sand Cholla (*Grusonia pulchella*) Occurrences within the Proposed B-16, B-17, B-20, and DVTA Expansion Areas

Date	Phenology	Count	Proposed Expansion Area	Vegetation Alliance
2017				
Jun 3	Flower	1	B-16	Bailey's Greasewood Shrubland
Jun 3	Flower	1	B-20	Bailey's Greasewood Shrubland
Jun 3	Bud	1	B-20	Bailey's Greasewood Shrubland
Jun 3	Flower	1	B-20	Bailey's Greasewood Shrubland
Jun 3	Bud	1	B-20	Bailey's Greasewood Shrubland
Jun 3	Bud	1	B-20	Bailey's Greasewood Shrubland
Jun 3	Juvenile	1	B-20	Bailey's Greasewood Shrubland
Jul 16	Seeds	1	B-20	Bailey's Greasewood Shrubland
July 16	Vegetative	1	B-20	Bailey's Greasewood Shrubland
Jun 5	Flower	1	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	1	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	1	DVTA	Basin Big Sagebrush - Foothill Big Sagebrush Dry Steppe & Shrubland
Jun 6	Bud	1	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	1	DVTA	Bailey's Greasewood Shrubland
Jun 6	Flower	1	DVTA	Bailey's Greasewood Shrubland
Jun 6	Vegetative	1	DVTA	Bailey's Greasewood Shrubland
Jun 6	Seeds	1	DVTA	Bailey's Greasewood Shrubland
Jun 6	Seeds	1	DVTA	Bailey's Greasewood Shrubland
Jun 6	Vegetative	1	DVTA	Bailey's Greasewood Shrubland
Jun 8	Seeds	1	DVTA	Bailey's Greasewood Shrubland
Jun 8	Seeds	1	DVTA	Bailey's Greasewood Shrubland
Jun 8	Vegetative	1	DVTA	Bailey's Greasewood Shrubland
Jun 8	Flower	1	DVTA	Basin Big Sagebrush - Foothill Big Sagebrush Dry Steppe & Shrubland
Jun 8	Bud	1	DVTA	Basin Big Sagebrush - Foothill Big Sagebrush Dry Steppe & Shrubland
July 16	Bud	1	DVTA	Bailey's Greasewood Shrubland
2019				
May 8	Bud	1	B-17	Intermountain Greasewood Wet Shrubland
May 9	Flower	2	B-17	Saltgrass Alkaline Wet Meadow
May 12	Bud	1	B-17	Bailey's Greasewood Shrubland
May 12	Bud	1	B-17	Bailey's Greasewood Shrubland
Jun 21	Seed	1	B-17	Bailey's Greasewood Shrubland
Jun 21	Vegetative	1	B-17	Bailey's Greasewood Shrubland
Jun 21	Seed	1	B-17	Bailey's Greasewood Shrubland
Jun 21	Seed	1	B-17	Bailey's Greasewood Shrubland
Jun 21	Seed	1	B-17	Intermountain Greasewood Wet Shrubland
Jun 21	Vegetative	1	B-17	Bailey's Greasewood Shrubland
Jun 21	Vegetative	1	B-17	Bailey's Greasewood Shrubland
Jun 21	Seed	1	B-17	Bailey's Greasewood Shrubland
Jun 21	Vegetative	1	B-17	Bailey's Greasewood Shrubland
Jun 21	Vegetative	1	B-17	Bailey's Greasewood Shrubland
Jun 21	Flower	1	B-17	Intermountain Greasewood Wet Shrubland
Jun 21	Seed	1	B-17	Bailey's Greasewood Shrubland

Table 4-9. Sand Cholla (*Grusonia pulchella*) Occurrences within the Proposed B-16, B-17, B-20, and DVTA Expansion Areas

Date	Phenology	Count	Proposed Expansion Area	Vegetation Alliance
Jun 22	Seed	1	B-17	Bailey's Greasewood Shrubland
Jun 22	Seed	1	B-17	Bailey's Greasewood Shrubland
Jun 22	Seed	1	B-17	Bailey's Greasewood Shrubland
Jun 22	Flower	1	B-17	Bailey's Greasewood Shrubland

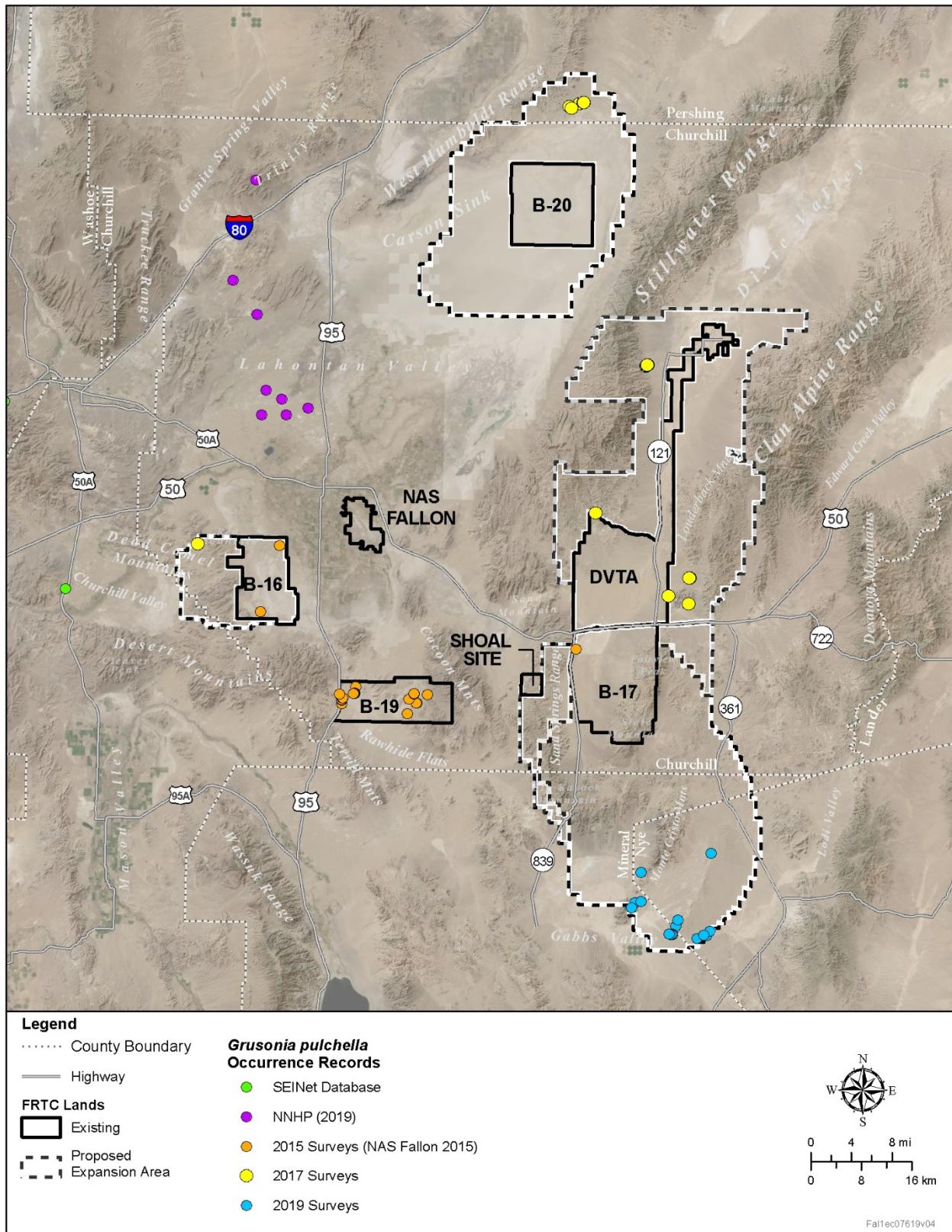


Figure 4-16. Historical, 2017, and 2019 Sand Cholla (*Grusonia pulchella*) Locations

Oryctes (*Oryctes nevadensis*)

Oryctes is a small (<3.1 in [8 cm] tall), compact annual member of the Solanaceae family, with a few basally-branched stems and glandular hairy stems, leaves, and sepals (Figure 4-17). The leaves are simple and mostly entire, up to 1.2-1.6 in (3-4 cm) long and 1.2 in (1 cm) broad. The flowers are a slightly inflated tube to 0.3 in (0.8 cm) long (Cronquist et al. 1984). Flowers observed during the surveys were pale green-yellow, but they also have been reported as blue or purple. Oryctes is historically known from open sandy washes and desert foothills. Populations occur from Inyo County, California to northwestern Nevada.



Figure 4-17. Oryctes (whole plant, flower [upper inset] and fruit [lower inset])

Within the survey area, 73 individual oryctes were found in stabilized dunes or fine sand in the northern portion of the proposed B-20 expansion area (5 occurrences with 18 individuals) and the southern portion of the proposed B-17 expansion area (5 occurrences with 55 individuals) (Table 4-10; Figure 4-18). SEINet records indicate two additional occurrences within the proposed B-17 expansion area as well as numerous records north of B-16. NNHP records show a large number of occurrences to the northwest of NAS Fallon and two records to the west of the DVTA (Figure 4-18). The 2015 surveys documented the species at one location within the existing B-19 (NAS Fallon 2015).

Associates included Nevada smokebush, intermountain greasewood, spiny horsebrush (*Tetradymia spinosa*), and cushion cryptantha. Oryctes occurred in the Intermountain Greasewood Wet Shrubland, Bailey's Greasewood Shrubland, and the Rubber Rabbitbrush – Sand Buckwheat – Four-part Horsebrush Sparse Scrub alliances (DoN 2019).

Table 4-10. *Oryctes (Oryctes nevadensis)* Occurrences within the Proposed B-17 and B-20 Expansion Areas

Date	Phenology	Count	Proposed Expansion Area	Vegetation Alliance
2017				
Jun 11	Fruits	1	B-17	Rubber Rabbitbrush - Sand Buckwheat - Four-part Horsebrush Sparse Scrub
Jun 11	Fruits	1	B-17	Rubber Rabbitbrush - Sand Buckwheat - Four-part Horsebrush Sparse Scrub
Jun 11	Fruits	1	B-17	Rubber Rabbitbrush - Sand Buckwheat - Four-part Horsebrush Sparse Scrub
Jun 11	Fruits	2	B-17	Rubber Rabbitbrush - Sand Buckwheat - Four-part Horsebrush Sparse Scrub
Jun 3	Fruits	8	B-20	Intermountain Greasewood Wet Shrubland
Jun 3	Fruits	2	B-20	Intermountain Greasewood Wet Shrubland
Jun 3	Fruits	2	B-20	Intermountain Greasewood Wet Shrubland
Jun 3	Fruits	2	B-20	Intermountain Greasewood Wet Shrubland
Jun 3	Fruits	4	B-20	Intermountain Greasewood Wet Shrubland
2019				
May 12	Seed	50	B-17	Bailey's Greasewood Shrubland

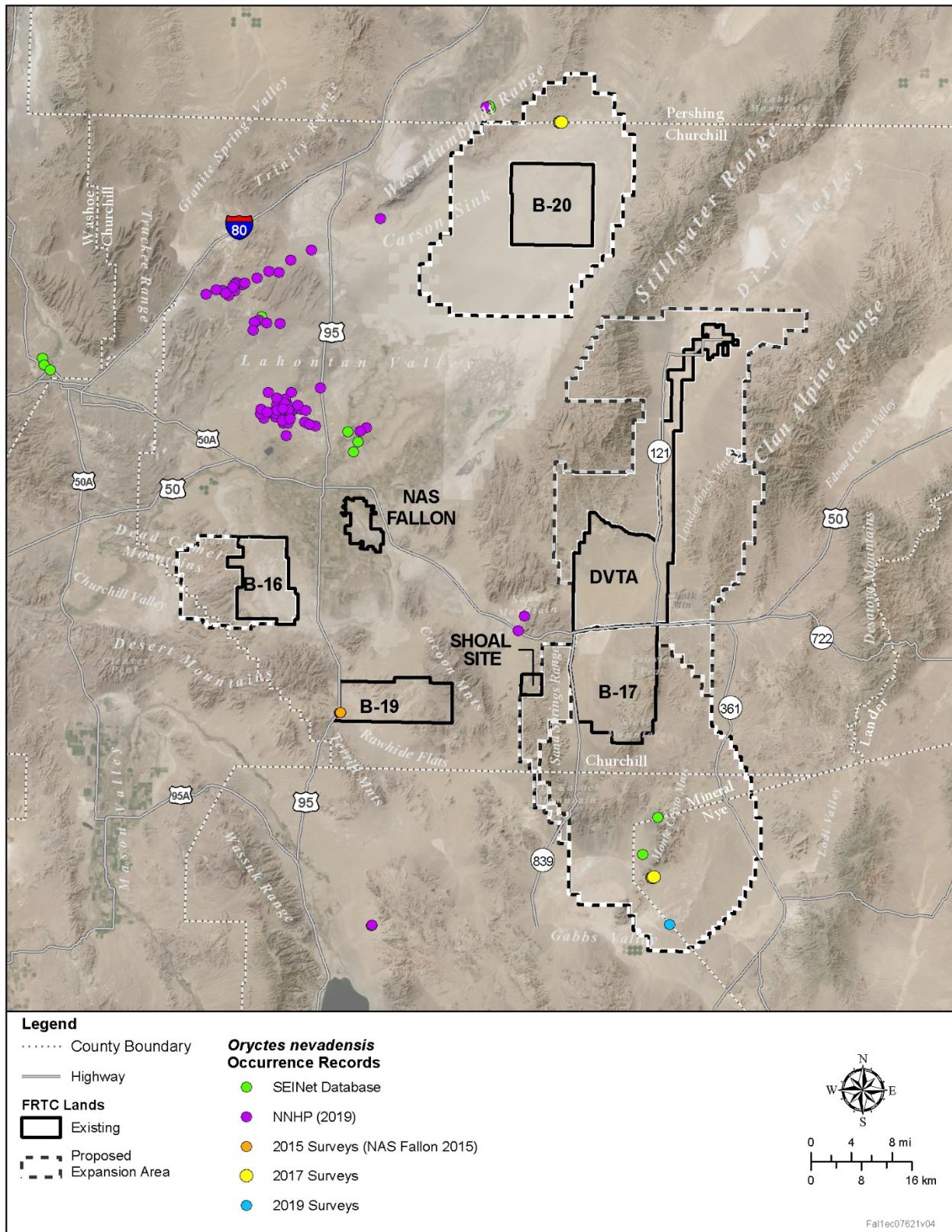


Figure 4-18. Historical, 2017, and 2019 Oryctes (*Oryctes nevadensis*) Locations

Lahontan Beardtongue (*Penstemon palmeri* var. *macranthus*)

Endemic to Nevada, Lahontan beardtongue is a fast-growing, short-lived, wand-like perennial in the family Plantaginaceae which grows up to 4.6 ft (1.4 m) tall. It has gray-green clasping leaves and large flowers with expanded throats that accommodate large bumble bees. This species includes several varieties, including Palmer beardtongue (*Penstemon palmeri* var. *palmeri*). Palmer beardtongue is similar in habit, habitat, and appearance to Lahontan beardtongue, but differs in having a longer flower tube relative to the total length of the flower (Figure 4-19). The flower tube is the narrow portion of the corolla just above the flower stem (peduncle). Also, the upper leaves of the flowering stem of Palmer beardtongue are always completely surrounding the stem, while those of Lahontan beardtongue often do not. Thus, identification at the variety level requires flowering material. Lahontan beardtongue occurs historically in Churchill, Pershing, White Pine, and Nye counties, Nevada (Cronquist et al. 1984).



Figure 4-19. Lahontan Beardtongue (*Penstemon palmeri* var. *macranthus*) (whole plant [left] and flower [top right]) and Palmer Beardtongue (*Penstemon palmeri* var. *palmeri*) (flower [lower right]).

Lahontan beardtongue probably occurs throughout much of the project area at elevations above approximately 4,200 ft (1,300 m). Because of its close resemblance to Palmer beardtongue and the necessity to identify the varieties while they are in flower, only a few populations were recorded in the project area in 2017 and 2019.

Localities were found on moderate to steep slopes and washes of silt, sand, gravel, and rocks in the northern portion of the proposed B-20 expansion area (1 occurrence with 25 individuals) and in the western portion of the proposed DVTA expansion area (5 occurrences with 75 individuals) (Table 4-11; Figure 4-20). SEINet and NNHP records indicate numerous occurrences north of B-20 and the DVTA, with three additional occurrences within the proposed DVTA expansion area (Figure 4-20).

Associates included basin big sagebrush, Nevada joint-fir, littleleaf horsebrush, spiny hopsage, Mojave burrobrush (*Ambrosia salsola*), and cheatgrass. This species occurred in a greater variety of vegetation alliances than the other target species detected, ranging through Bailey's Greasewood Shrubland, Basin Big Sagebrush – Foothill Big Sagebrush Dry Steppe & Shrubland, Arroyo Willow Wet Shrubland, and Black Sagebrush Steppe & Shrubland (DoN 2019).

Table 4-11. Lahontan Beardtongue (*Penstemon palmeri* var. *macranthus*) Occurrences within the Proposed B-20 and DVTA Expansion Areas

Date	Phenology	Count	Proposed Expansion Area	Vegetation Alliance
2017				
Jun 4	Flower	25	B-20	Bailey's Greasewood Shrubland
Jun 4	Flower	10	DVTA	Basin Big Sagebrush - Foothill Big Sagebrush Dry Steppe & Shrubland
Jun 6	Flower	15	DVTA	Arroyo Willow Wet Shrubland
Jul 9	Flower	30	DVTA	Bailey's Greasewood Shrubland
Jul 9	Flower	10	DVTA	Arroyo Willow Wet Shrubland
Jul 9	Flower	5	DVTA	Black Sagebrush Steppe & Shrubland
2019				
May 13	Seed	5	DVTA	Bailey's Greasewood Shrubland

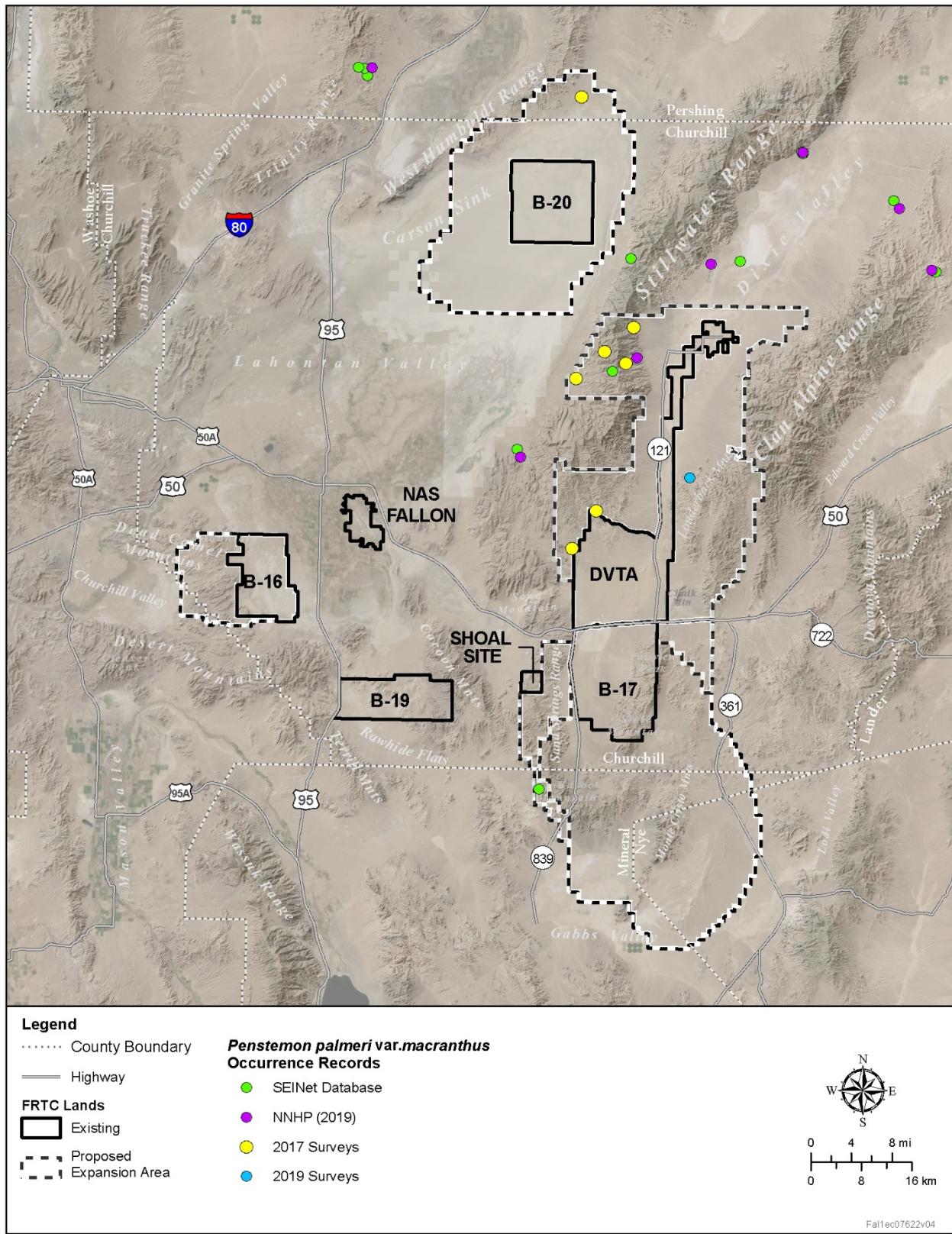


Figure 4-20. Historical, 2017, and 2019 Lahontan Beardtongue (*Penstemon palmeri* var. *macranthus*) Locations

Reese River Phacelia (*Phacelia glaberrima*)

Reese River phacelia is a small annual in the family Boraginaceae with trailing stems and simple, mostly entire, semi-succulent, spatulate leaves (Figure 4-21). The plants are often pale yellow-green and turn purple with age. Although the stems can grow to 7.9 in (20 cm) long, they are usually much shorter. The flowers are borne in compact scorpioid cymes toward the ends of the branches (Cronquist et al. 1984). The corolla is pale yellow and inconspicuous compared to nearly all other members of the genus *Phacelia*. The small size, entire succulent leaves, and small yellow flowers make this species unique within the genus. If it were not for the fused petals and scorpioid cymes, this plant could be confused with genus *Portulaca*. Because of its diminutive and rather ephemeral nature, populations are easily overlooked. Flowering occurs in May to June. Endemic to Nevada, populations of Reese River phacelia occur on barren, pale alkaline hills in shrink-swell soils, often with Lahontan Basin buckwheat, from Lander County to Pershing and Churchill counties.



Figure 4-21. Reese River Phacelia in Early Bloom (left) and Faded to Purple (right)

A total of 573 individuals were recorded at 7 closely clustered locations in clay hills in the northern portion of the proposed B-20 expansion area where it was locally abundant with two populations numbering approximately 200-250 individuals (Table 4-12; Figure 4-22). A total of 525 individuals were recorded at 5 locations within the southern proposed B-17 expansion area. SEINet and NNHP localities were more widespread in the region surrounding the proposed expansion areas (although the SEINet and NNHP locations may be the same locations), indicating that this species may be under-surveyed and more common.

Associates included Mojave burrobrush, Nevada joint-fir, Lahontan Basin buckwheat, and Mojave seablight. Although predominantly documented in Bailey's Greasewood Shrubland alliance, one locality was found in Mojave Seablight – Red Swampfire Alkaline Wet Scrub (DoN 2019).

Table 4-12. Reese River Phacelia (*Phacelia glaberrima*) Occurrences within the Proposed B-20 and B-17 Expansion Areas

Date	Phenology	Count	Proposed Expansion Area	Vegetation Alliance
2017				
Jun 3	Dead	55	B-20	Mojave Seablite - Red Swampfire Alkaline Wet Scrub
Jun 3	Dead	250	B-20	Bailey's Greasewood Shrubland
Jun 3	Dead	15	B-20	Bailey's Greasewood Shrubland
Jun 3	Dead	200	B-20	Bailey's Greasewood Shrubland
May 15	Flower	3	B-20	Bailey's Greasewood Shrubland
May 15	Flower	25	B-20	Bailey's Greasewood Shrubland
May 15	Flower	25	B-20	Bailey's Greasewood Shrubland
2019				
May 11	Flower	120	B-17	Bailey's Greasewood Shrubland
May 31	Flower	150	B-17	Bailey's Greasewood Shrubland
May 31	Flower	130	B-17	Bailey's Greasewood Shrubland
Jun 22	Flower	100	B-17	Bailey's Greasewood Shrubland
Jun 23	Flower	25	B-17	Bailey's Greasewood Shrubland

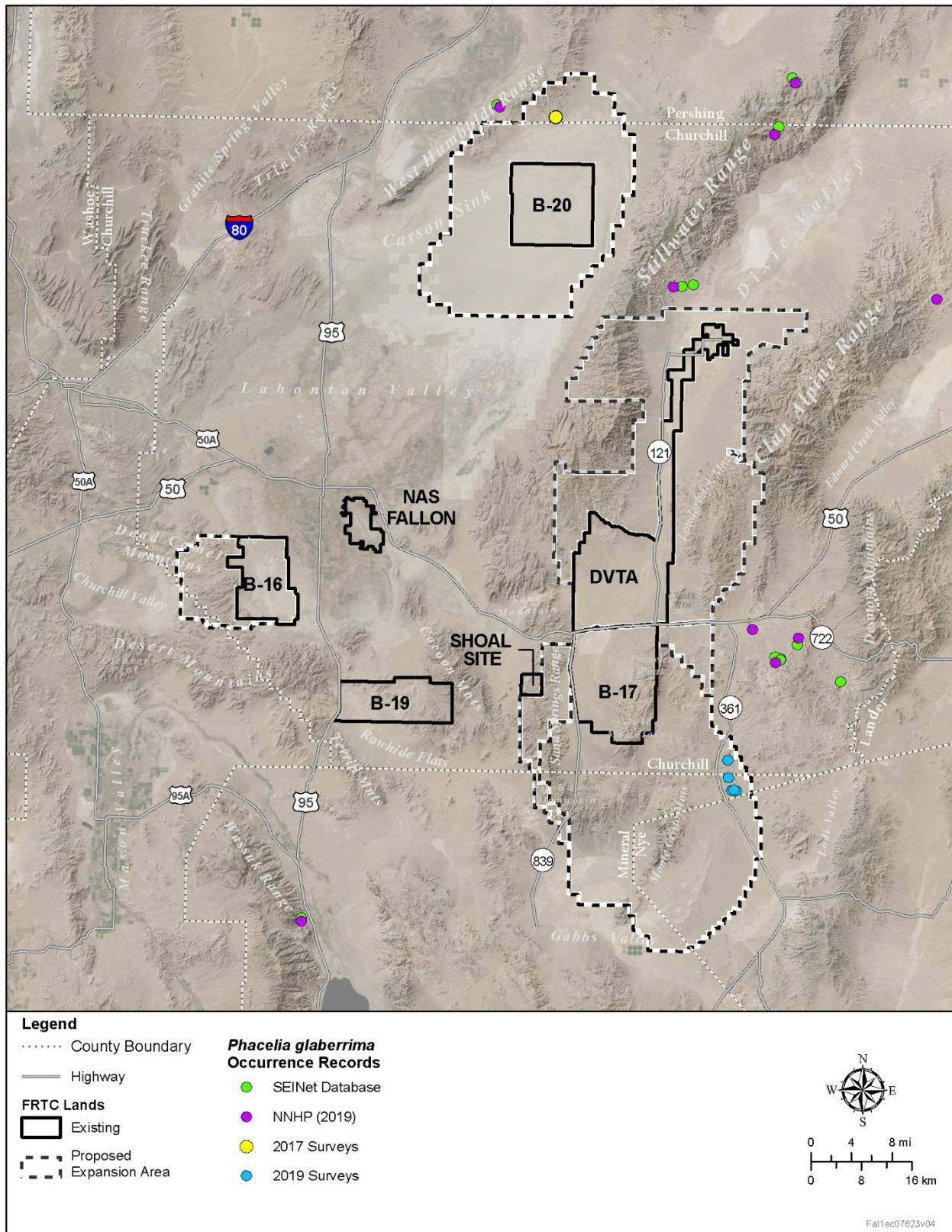


Figure 4-22. Historical, 2017, and 2019 Reese River Phacelia (*Phacelia glaberrima*) Locations

Saltmarsh Allocarya (*Plagiobothrys salsus*)

Saltmarsh allocarya is a small, yellow-green to dark green annual member of the Boraginaceae family with trailing stems. The stems are branched from the base of the plant and are generally prostrate with up-turned tips. The leaves are oppositely arranged, at least toward the base of the plant, linear, up to 2 in (5 cm) long, but mostly shorter. The flowers are small (0.08-0.12 in [2-3 millimeter] wide), white, and are without a stalk (Cronquist et al. 1984). Flowers occur from May through August. Saltmarsh allocarya occurs in moist, poorly-drained silty to clay alkaline soils. It is rather widely distributed from Canada south to California, Nevada, Utah, and New Mexico.

A total of 14 individuals were recorded from 2 alkaline seeps in the northern portion of the proposed DVTA expansion area (Table 4-13; Figure 4-23). They occurred in moist soil at the edges of standing water associated with annual hairgrass (*Deschampsia danthonioides*), fourwing saltbush, saltgrass (*Distichlis spicata*), gray rabbitbrush (*Ericameria nauseosa* var. *oreophila*), and several species of rushes. These localities were both within Western Baltic Rush – Mexico Rush Wet Meadow alliance (DoN 2019). No SEINet localities are currently recorded in the region, despite the wide range of the species. Additional scrutiny of similar alkali seep habitat within the region may generate additional localities.

Table 4-13. Saltmarsh Allocarya (*Plagiobothrys salsus*) Occurrences within the Proposed DVTA Expansion Area

Date	Phenology	Count	Vegetation Alliance
June 5, 2017	Flower, Fruit	10	Western Baltic Rush - Mexican Rush Wet Meadow
July 19, 2017	Flower, Fruit	4	Western Baltic Rush - Mexican Rush Wet Meadow

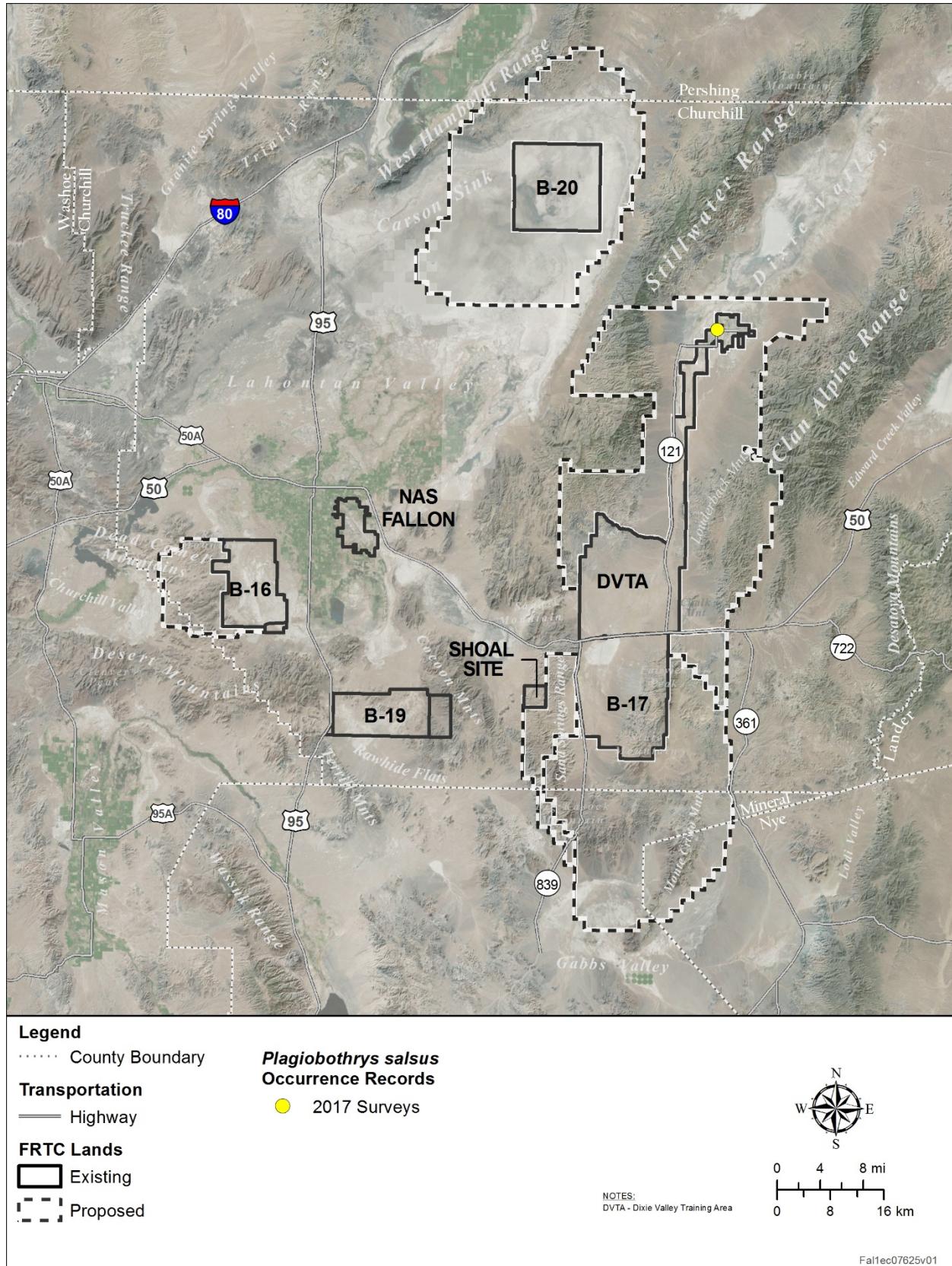


Figure 4-23. 2017 Saltmarsh Allocarya (*Plagiobothrys salsus*) Locations

4.3 Flora of the Proposed FRTC Expansion Areas

A total of 444 plant species were identified in the proposed FRTC expansion areas (Appendix A). Of the total, 384 (86%) were native and 60 (14%) were non-native. Totals for each of the four proposed expansion areas are provided below.

- Proposed B-16 expansion area: 83 species (75 native, 8 non-native)
- Proposed B-17 expansion area: 218 species (198 native, 20 non-native)
- Proposed B-20 expansion area: 96 species (85 native, 11 non-native)
- Proposed DVTA expansion area: 376 species (322 native, 54 non-native).

These totals are inclusive of subspecies, as well as a small number of specimens identifiable only to genus but likely to be unique additions to the list.

The 444 plant species identified from the proposed FRTC expansion areas represented 61 families. Families contributing the most to the diversity of the project area include the Asteraceae (80 species), Poaceae (41 species), and Brassicaceae (29 species) (Table 4-14). The most diverse genera included *Eriogonum* (20 species), *Astragalus* (13 species), and *Atriplex* (8 species).

Table 4-14. Plant Families with Highest Number of Representatives based on 2017, 2018, and 2019 Surveys of Proposed FRTC Expansion Areas

Family	Number of Species*
Asteraceae	80
Poaceae	41
Brassicaceae	29
Amaranthaceae	29
Polygonaceae	27
Boraginaceae	28
Polemoniaceae	22
Fabaceae	22
Onagraceae	16
Plantaginaceae	13

*Inclusive of subspecies, varieties, and some specimens identified only to genus but likely unique. Refer to Appendix A for a full list of families and species.

A total of 567 voucher specimens were collected during the survey efforts (Table 4-15 and Appendix B). This includes multiple collections of some taxa that were distributed across large portions of the survey areas. Surprisingly, the late-season survey contributed significantly to the overall understanding of the diversity of the project area. Of the 567 voucher specimens collected, 160 (over 28%) were taken in July, September, and October. Several dominant genera, including *Artemisia*, *Ericameria*, and *Chrysothamnus*, contain many species that flower late in the year and cannot be accurately identified without flowers. The extended survey periods also allowed for the examination of mature fruits of species that flower earlier in the year, which is important for identification verification in the case of difficult genera such as *Atriplex*, *Chenopodium*, and *Astragalus*.

Table 4-15. Summary of Plant Voucher Collections for 2017, 2018, and 2019 Surveys

Year	May	Jun	Jul	Sep	Oct	Total
2017	61	176	62	45	-	344
2018	-	-	-	-	53	53
2019	75	84	-	-	-	159
Total	136	260	62	45	53	556

Unsurprisingly, wetland areas were generally the most diverse. Within the proposed DVTA expansion area, Bench Creek and spring-fed riparian areas yielded the largest number of species and voucher specimens. Wetlands in the proposed DVTA expansion area yielded five *Carex* species, four *Eleocharis* species, and six *Juncus* species, along with many others. Notable species observed in riparian zones included stream orchid (*Epipactis gigantea*) in Jobs Canyon Wash on the west side of Dixie Valley, and silver buffaloberry (*Shepherdia argentea*) in several drainages in the Stillwater Mountains.

But even dry areas held occasional surprises. On one small hillside along the road to Bench Creek Ranch within the proposed DVTA expansion area, 21 voucher specimens were collected in an area approximately 32.8 by 32.8 ft (10 x 10 m). In the proposed B-16 expansion area, a single individual of *Ambrosia × platyspina*, a hybrid between burbush (*Ambrosia dumosa*) and Mojave burrobrush (*Ambrosia salsola*), was recorded. Although this hybrid is occasionally found in areas of the Mojave Desert where the parents commonly co-occur, there are no records of burbush north of Silver Peak, approximately 125 mi (201 km) to the south. Alternatively, it is possible that the hybrid individual represents a very rare hybrid between Mojave burrobrush and flatspine bur ragweed (*Ambrosia acanthicarpa*).

Nevada, in general, and Churchill County in particular, has been historically under-represented in herbarium collections, and the 567 voucher specimens collected in 2017, 2018, and 2019 represent a substantial increase in knowledge of the flora of this area. Many of these specimens are likely to be the first county record for a species and may represent range extensions for a number of species. Vouchers were sent to the following herbaria after final preparation and labeling: Natural History Museum, University of Nevada Reno and Vascular Plant Herbarium, Arizona State University.

4.4 Invasive Plants

Of the 444 plant species recorded during the surveys, 60 (14%) are non-native (Appendix A). Plant families contributing the highest numbers of non-native species were the Poaceae (17 non-native species out of 41 species encountered), the Brassicaceae (9 out of 29 species), and the Asteraceae (10 out of 80 species). Not all non-native species require management, and many different systems of classifying non-native species exist. The Nevada Department of Agriculture (NDA) maintains a list of noxious weeds and defines a noxious weed as “any species of plant which is, or likely to be, detrimental or destructive and difficult to control or eradicate” (NDA 2012). Each species is listed under Category A, B, or C (Figure 4-24). Only three species found in the proposed expansion areas are listed by the NDA as noxious weeds: broadleaf pepperweed (*Lepidium latifolium*) and saltcedar (*Tamarix ramosissima*) in Category C, and Russian knapweed (*Acroptilon repens*) in Category B (Table 4-16).

Of the 60 non-native species detected, 22 are considered to be of high, moderate, or limited impact to ecosystems, according to the California Invasive Plant Council (Cal-IPC) (Table 4-15) (Cal-IPC 2018). Cal-IPC is a non-governmental organization that maintains the California Invasive Plant Inventory, which ranks non-native species according to a science-based impact matrix and expert review to provide guidance for ecosystem conservation. Although based in California, this ranking is still of use in Nevada as it is based on natural area conservation, rather than agricultural interests, as are most state noxious species lists. The Natural Resources Conservation Service and U.S. Fish and Wildlife Service also lists invasive plants for

Nevada¹, but they do not include the detailed natural history and infestation effects information provided by Cal-IPC.

Table 4-16. Invasive Plant Species Incidentally Observed within the Proposed FRTC Expansion Areas during 2017, 2018, and 2019 Rare Plant Surveys

Family	Scientific Name	Common Name	Proposed Expansion Area				Nevada Noxious Category ⁽²⁾
			DVTA	B-16	B-17	B-20	
Cal-IPC Rank: High⁽¹⁾							
Brassicaceae	<i>Lepidium latifolium</i>	Broadleaved pepperweed	X			X	C
Poaceae	<i>Bromus madritensis</i>	Red brome	X	X		X	NA
Poaceae	<i>Bromus tectorum</i>	Cheatgrass	X	X	X	X	
Tamaricaceae	<i>Tamarix ramosissima</i>	Saltcedar	X		X		C
Cal-IPC Rank: Moderate⁽¹⁾							
Asteraceae	<i>Acroptilon repens</i>	Russian knapweed	X			X	B
Asteraceae	<i>Cirsium vulgare</i>	Bull thistle	X				NA
Chenopodiaceae	<i>Halogeton glomeratus</i>	Salt-lover	X	X	X	X	
Elaeagnaceae	<i>Elaeagnus angustifolius</i>	Russian olive	X				
Poaceae	<i>Festuca myuros</i>	Rattail fescue	X				
Poaceae	<i>Hordeum murinum</i>	Mouse barley	X				
Brassicaceae	<i>Descurainia sophia</i>	Flixweed	X	X	X	X	
Cal-IPC Rank: Limited⁽¹⁾							
Amaranthaceae	<i>Bassia hyssopifolia</i>	Fivehorn smotherweed	X		X		NA
Amaranthaceae	<i>Kochia scoparia</i>	Summer cypress			X		
Amaranthaceae	<i>Salsola paulsenii</i>	Barbwire Russian thistle			X		
Amaranthaceae	<i>Salsola tragus</i>	Russian thistle	X	X	X	X	
Geraniaceae	<i>Erodium cicutarium</i>	Redstem stork's bill	X		X		
Plantaginaceae	<i>Plantago lanceolata</i>	Narrowleaf plantain	X				
Poaceae	<i>Agrostis stolonifera</i>	Creeping bentgrass	X				
Poaceae	<i>Poa pratensis</i>	Kentucky bluegrass	X				
Poaceae	<i>Polypogon monspeliensis</i>	Rabbitsfoot grass	X			X	
Polygonaceae	<i>Rumex crispus</i>	Curly dock	X				
Ranunculaceae	<i>Ranunculus repens</i>	Creeping buttercup	X				

Sources: ⁽¹⁾Cal-IPC 2018; ⁽²⁾NDA 2012.

Category "A"
Weeds that are generally not found or that are limited in distribution throughout the State. Such weeds are subject to:
(a) Active exclusion from the State and active eradication wherever found.
(b) Active eradication from the premises of a dealer of nursery stock.
Category "B"
Weeds that are generally established in scattered populations in some counties of the State. Such weeds are subject to:
(a) Active exclusion where possible.
(b) Active eradication from the premises of a dealer of nursery stock.
Category "C"
Weeds that are generally established and generally widespread in many counties of the State. Such weeds are subject to:
(a) Active eradication from the premises of a dealer of nursery stock.

Figure 4-24. Nevada Noxious Plant Species Categories

Source: NDA 2012.

¹<https://plants.usda.gov/java/noxious?rptType=State&statefips=32> and https://www.fws.gov/nevada/nv_species/invasive_species/plants_weeds.htm.

These species were observed in sufficient quantities or densities to indicate that they may be widespread and ecologically damaging throughout the proposed expansion areas. These incidental observations should be used to develop a species list and priority areas for a full-scale invasive species survey that could record more detailed distribution and infestation severity information. Further recommendations are provided in Section 5.4 below. Brief discussions of selected species' observed infestations and natural history are presented below.

Cheatgrass (*Bromus tectorum*)

By far the most widespread non-native species in the project area is cheatgrass, which was recorded ubiquitously in the proposed expansion areas, with few upland habitats remaining uninvaded (Figure 4-25). This species has spread throughout the southwestern U.S. since the 1800s, likely greatly assisted by domestic livestock grazing (Young and Allen 1997). Cheatgrass can initiate growth early in the year, grow rapidly and in high densities, and it produces large quantities of seeds compared to many native perennial species, leading to its competitive advantage in utilizing limited resources such as water and nutrients in shallow soils (James et al. 2011). Besides direct competition with native species for soil moisture and nutrients, the most dramatic effect of cheatgrass on ecosystems has been its increase of fire frequency (Peterson 2003). Cheatgrass creates widespread stands of fine fuel that carry fire over what were pre-historically more open intershrub distances.



Figure 4-25. Cheatgrass Infestation in Proposed B-17 Expansion Area

(Note remnant shrubs in canyon bottoms and steeper slopes, but dense yellow cheatgrass on upper slopes.)

Native plants of the Great Basin are not adapted to frequent fire and cannot recover quickly, particularly when fire frequency exceeds the pre-historical norm. The link between cheatgrass and fire is not fully understood, but one case example tells a compelling story. In 1902, on a 55-mile (88.5-km) transect in Elko County, NV, P. B. Kennedy recorded signs of heavy grazing, but predominantly native perennial bunchgrasses and no cheatgrass or burn scarring (Billings 1992). In 1952, a resurvey of the same transect documented on going heavy grazing, almost no native bunchgrasses, "extreme" increases in annuals (attributed almost entirely to cheatgrass), and burn scars covering much of the transect. Billings attributed the advent of burn scarring to the continuity of fuels generated by the cheatgrass.

Rangeland fires require two main elements: an ignition source and fuel, with fuel being by far the most important characteristic. Knapp (1997) found "little relationship between fire frequency and lightning

density,...because fire probability is fuel limited.” In the habitat types most invaded by cheatgrass (Shadscale Saltbush Scrub, Bailey’s Greasewood Shrubland, and the various sagebrush types), fire frequency likely varied from non-existent in the first two to approximately every 60-110 years in sagebrush vegetation (Knapp 1996). Prior to cheatgrass invasion, if a fire did ignite in the sparsely-vegetated shadscale or greasewood scrubs, it would have extinguished quickly from lack of fuel continuity between shrubs. Sagebrush vegetation is more densely spaced, giving sufficient fuel for an ignition to spread, leading to the occasional fire every 60-110 years.

Cheatgrass, in contrast to native vegetation, recovers from fire very rapidly and takes advantage of the low-competition, high-nutrient, and ample light in post-fire conditions to rebound in even greater numbers, thereby further increasing the likelihood of future fires (Young and Tipton 1990). Cheatgrass dries out earlier than other species, leading to increased fire danger earlier in the year when other species are more susceptible to being singed (Young 1991). Fires in Wyoming big sagebrush and basin big sagebrush communities generally result in the landscape becoming completely dominated by cheatgrass and other non-native annuals such as tumbleweeds (*Salsola* spp.) and tumblemustard (*Sisymbrium* spp.) (Tisdale 1994). Tumbleweeds can also dominate large areas, particularly where soils tend toward sand, and along road edges. Tumbleweeds occupied large extents of the proposed B-17 expansion area at near monocultural densities, and occur on roadsides throughout the proposed expansion area (Figure 4-26).



Figure 4-26. Tumbleweeds in the Proposed B-17 Expansion Area and along a Road Edge within the Proposed DVTA Expansion Area (inset).

Saltcedar (*Tamarix ramosissima*)

Saltcedar was encountered in riparian areas of the proposed DVTA and B-17 expansion areas (Figure 4-27). Saltcedar is rated high impact by Cal-IPC and should be considered very high priority for management. Saltcedar has multiple documented detrimental ecosystem effects. These include its ability to rapidly draw down the water table (Brotherson and Winkel 1986); increasing soil salinity by excreting salt through its leaves, which then accumulate in the soil (Smith et al. 1997); outcompeting native riparian species through its multiple and highly-effective reproduction by both seed and cloning (Warren and Turner 1975; Brotherson and Field 1987); decreasing wildlife habitat (Taylor and McDaniel 1998); and increasing fire frequency (Stuever et al. 1997).



Figure 4-27. Saltcedar along a Fence Line in the Proposed DVTA Expansion Area

Russian Olive (*Eleagnus angustifolia*)

Russian olive was commonly encountered within the proposed DVTA expansion area, particularly along roadsides and irrigation ditches and on old homesteads (Figure 4-28). Russian olive is tolerant of both very saline and very alkaline soils, which allows it a significant advantage (Stoeckeler 1946). Although Russian olive has some of the same impacts on riparian and wetland areas as saltcedar, it is not considered nearly as invasive or detrimental. Cal-IPC ranks this species as having a moderate impact on ecosystems.



Figure 4-28. Russian Olive Encircling Seep Area in the Proposed DVTA Expansion Area

Additional Invasive Species

Invasive species were not a focus of this survey effort and some of these infestations may be more widespread than detected in this effort. However, incidental observations of several invasive species were found in relatively small patches, making them potential candidates for eradication before they spread to an unmanageable extent. Of particular concern in this regard is broadleaved pepperweed, which was found along roadsides in the proposed B-20 expansion area and along the road to Bench Creek Ranch in the proposed DVTA expansion area. Broadleaved pepperweed has a Cal-IPC impact rank of “High” and is a Nevada noxious Category C species, making it a top priority for eradication before the invasion can spread to a larger area. Russian knapweed and bull thistle are ranked “Moderate” by Cal-IPC and Russian knapweed is a Nevada Category B noxious species. Both of these invasive plant species were found in relatively small numbers, although targeted, full-scale surveys would likely increase the number of localities. The remaining documented invasive species would require targeted surveys to determine their extent and degree of invasiveness in the local environment, and establish management recommendations.

5.0 MANAGEMENT RECOMMENDATIONS

Although none of the targeted rare plant species for this survey effort hold federal or state protection status, the Navy can manage them as locally rare conservation species. This survey constituted a first round of inventory efforts and some species could be more thoroughly inventoried, particularly the ephemeral taxa that flower briefly and are undetectable for much of the year. The FRTC represents a large portion of Churchill County and smaller portions of the surrounding counties, and thus is in a position to advance rare plant conservation within the county and the state. Conservation efforts, such as seed collection, restoration, and regular surveys, would benefit the state of scientific knowledge throughout Nevada, as well as demonstrating the Navy’s commitment to good stewardship of the lands under its control.

5.1 Seed Collections

Plant species may be considered rare when, 1) a species has highly specialized habitat requirements that are not commonly present, 2) a species has lost historic habitat due to disturbance, or 3) a species is not well studied/understood to determine if the species is truly rare. Regardless of the cause for a species being rare, a significant conservation benefit to rare species can be accomplished through seed banking efforts. A thoughtful seed banking strategy that collects genetic material from the range of populations and phenotypes can buffer a species against losses, increase knowledge of plant taxonomy and ecology, and be held as a mitigation option for restoration.

Seed collection efforts could maximize their return by focusing on the same habitats identified as being rare-plant “rich” in the pre-field data collection effort. Sand dunes, spring/seep areas, and calcareous, shrink-swell, alkaline soils were particularly productive in supporting rare plant species during the current survey efforts, and expanding searches for these areas would likely be equally useful for seed collections and documenting additional rare plant localities.

5.2 Additional Herbarium Voucher Collection

Approximately 30 of the herbarium specimens collected represent new records for one of the counties within the proposed FRTC expansion areas, primarily Churchill County. An additional 30 species recorded on the species list but not collected would be new records as well if they were collected. Herbarium specimen collection is increasingly recognized as an important and valuable means of securing floristic information and making it publically available. As species ranges shift over time, anthropogenic disturbance continues to spread and invasive species arrive and expand, voucher specimens become more and more critical in determining trends and establishing baselines. Any further floristic work at NAS Fallon and the FRTC should incorporate specimen collecting.

5.3 Riparian Restoration

Riparian zones in the Great Basin tend to be diversity hotspots and they provide essential services to wildlife, shape the landscape, and offer human values, such as aesthetic benefits and recreational opportunities. Unfortunately, these special ecosystems also tend to be infested with non-native or invasive plant species, degraded by erosion, and suffer from over-utilization by livestock and human disturbances. Seeps springs and wet canyons in the Stillwater Mountains, as well as alkali seeps in the proposed DVTA expansion area vary in their degree of degradation, with some areas needing only occasional monitoring and others badly in need of full-scale restoration. Riparian restoration efforts could include invasive species removal, fencing to control herbivore access, and erosion control. These efforts would benefit the overall flora and fauna of the proposed FRTC expansion areas by decreasing sources of invasive species and ensuring that healthy riparian zones are available for native wildlife and plants.

5.4 Invasive Plant Species Survey

Invasive plant species cause extensive damage to human economies and natural systems every year. This damage may be in the form of decreased agricultural yields, expenditures on chemical or mechanical control, and biodiversity or ecosystem function losses. Costs to the US economy are estimated at \$120 billion per year and 42% of federally endangered or threatened species are primarily listed because of threats from invasive species (Pimentel et al. 2005). Rare plants in the proposed FRTC expansion areas would benefit from control of several invasive plant species.

The first step in managing invasive plant species is determining the location and severity of infestations. Based on opportunistic observations of Russian olive, saltcedar, Russian knapweed, broadleaved

pepperweed, etc., several species are either incipient problems that could be curtailed with quick action, or are sufficiently entrenched that large-scale efforts would be required. The enormous size of the proposed FRTC expansion areas is daunting to fully survey, but such an effort would be attainable with the use of aerial surveys. Initial surveys should focus on riparian areas, recent burn areas, road edges, and disturbances such as homestead sites.

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Appendix A: Plant Species List from 2017, 2018, and 2019 Rare Plant Surveys of Proposed FRTC Expansion Areas

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Table A-1. Plant Species List from the 2017, 2018, and 2019 Surveys of the Proposed FRTC Expansion Areas

FAMILY/ <i>Scientific Name</i>	Common Name	Proposed Expansion Area				New Record‡
		DVTA	B-16	B-17	B-20	
EQUISETACEAE						
<i>Equisetum laevigatum</i>	Smooth horsetail	X				+
CUPRESSACEAE						
<i>Juniperus osteosperma</i>	Utah juniper	X				
EPHEDRACEAE						
<i>Ephedra nevadensis</i>	Nevada jointfir	X	X	X	X	
<i>Ephedra viridis</i>	Mormon tea	X		X		
PINACEAE						
<i>Pinus monophylla</i>	Singleleaf pinyon	X		X		
ADOXACEAE						
<i>Sambucus nigra cerulea</i>	Blue elderberry	X				+
AMARANTHACEAE						
<i>Allenrolfea occidentalis</i>	Iodinebush	X				
* <i>Amaranthus albus</i>	Prostrate pigweed	X				+
<i>Atriplex argentea</i> var. <i>argentea</i>	Silverscale saltbush	X	X	X	X	
<i>Atriplex canescens</i>	Fourwing saltbush	X		X	X	
<i>Atriplex confertifolia</i>	Shadscale	X	X	X	X	
<i>Atriplex parryi</i>	Parry's saltbush			X		+
<i>Atriplex saccaria</i>	Sack saltbush				X	+
<i>Atriplex</i> sp.	Saltbush	X				
<i>Atriplex torreyi</i>	Torrey's saltbush	X				+
<i>Atriplex truncata</i>	Wedgescale saltbush	X	X		X	
* <i>Bassia hyssopifolia</i>	Fivehorn smotherweed	X		X		+
* <i>Chenopodium album</i>	Lambsquarters	X		X		
<i>Chenopodium fremontii</i>	Fremont's goosefoot			X		+
<i>Chenopodium leptophyllum</i>	Narrowleaf goosefoot	X		X		+
<i>Chenopodium nevadense</i>	Nevada goosefoot			X		+
<i>Chenopodium rubrum</i> var. <i>humile</i>	Red goosefoot	X				+
<i>Chenopodium</i> sp.	Goosefoot		X			
<i>Grayia spinosa</i>	Spiny hopsage	X	X	X	X	
* <i>Halogeton glomeratus</i>	Saltlover	X	X	X	X	
<i>Kochia americana</i>	Green molly	X		X		+
* <i>Kochia scoparia</i>	Summer cypress			X		+
<i>Krascheninnikovia lanata</i>	Winterfat	X	X	X	X	
<i>Micromonolepis pusilla</i>	Small povertyweed	X			X	+
<i>Monolepis nuttalliana</i>	Nuttall's povertyweed	X		X		
<i>Nitrophila occidentalis</i>	Boraxweed			X		+
* <i>Salsola paulsenii</i>	Barbwire Russian thistle			X		
* <i>Salsola tragus</i>	Tumbleweed	X	X	X	X	
<i>Stutzia covillei</i>	Coville's orach	X	X	X		
<i>Suaeda nigra</i>	Mojave seablite	X	X	X	X	
APIACEAE						
<i>Berula erecta</i>	Cutleaf waterparsnip	X				
<i>Cymopterus corrugatus</i>	Wrinklewing springparsley		X	X		+
<i>Ligusticum porteri</i>	Porter's licorice-root	X				+
<i>Lomatium foeniculaceum macdougalii</i>	Macdougal's biscuitroot	X		X		+
<i>Perideridia bolanderi</i>	Bolander's yampah	X				+
APOCYNACEAE						
<i>Apocynum cannabinum</i>	Common dogbane	X				+

Table A-1. Plant Species List from the 2017, 2018, and 2019 Surveys of the Proposed FRTC Expansion Areas

FAMILY/ <i>Scientific Name</i>	Common Name	Proposed Expansion Area				New Record‡
		DVTA	B-16	B-17	B-20	
<i>Asclepias cryptoceras davisii</i>	Davis' milkweed	X				+
<i>Asclepias eastwoodiana</i>	Eastwood's milkweed			X		+
<i>Asclepias eriocarpa</i>	Woolypod milkweed	X		X		+
<i>Asclepias erosa</i>	Desert milkweed	X		X		+
<i>Asclepias fascicularis</i>	Whorled milkweed	X				
ASPARAGACEAE						
* <i>Asparagus officinalis</i>	Asparagus	X				+
ASTERACEAE						
<i>Acamptopappus shockleyi</i>	Shockley's goldenhead			X		+
<i>Agoseris glauca</i>	Pale agoseris	X				+
<i>Ambrosia acanthicarpa</i>	Flatspine bur ragweed			X		
<i>Ambrosia salsola</i>	Cheesebush	X	X	X	X	
<i>Ambrosia × platyphina</i>	Burbush x cheesebush hybrid		X			+
<i>Antennaria dimorpha</i>	Low pussytoes	X				+
<i>Artemisia arbuscula</i>	Low sagebrush	X				+
<i>Artemisia ludoviciana</i>	White sagebrush	X				+
<i>Artemisia nova</i>	Black sagebrush	X		X		+
<i>Artemisia tridentata</i> var. <i>tridentata</i>	Basin big sagebrush	X		X		
<i>Artemisia tridentata</i> var. <i>vaseyanus</i>	Mountain sagebrush	X				+
<i>Artemisia tridentata</i> var. <i>wyomingensis</i>	Wyoming big sagebrush	X		X	X	
* <i>Artemisia vulgaris</i>	Common wormwood	X				+
<i>Baileya pleniradiata</i>	Wooly desert marigold			X		+
<i>Balsamorhiza sagittata</i>	Arrowleaf balsamroot	X		X		+
<i>Brickellia longifolia</i> var. <i>multiflora</i>	Longleaf brickelbush	X				+
<i>Brickellia microphylla</i> var. <i>microphylla</i>	Littleleaf brickelbush	X		X	X	
<i>Brickellia oblongifolia</i> var. <i>linifolia</i>	Narrowleaf brickelbush	X		X	X	
<i>Chaenactis carphoclinia</i>	Pebble pincushion			X		+
<i>Chaenactis douglasii</i>	Douglas' dustymaiden	X		X		
<i>Chaenactis macrantha</i>	Bighead dustymaiden	X	X	X		
<i>Chaenactis stevioides</i>	Steve's pincushion	X	X	X	X	
<i>Chaetadelpha wheeleri</i>	Wheeler's skeletonweed	X	X	X	X	
<i>Chorisiva nevadensis</i>	Nevada sumpweed	X	X	X	X	
<i>Chrysothamnus viscidiflorus puberulus</i>	Hairy yellow rabbitbrush	X		X		+
<i>Chrysothamnus viscidiflorus viscidiflorus</i>	Yellow rabbitbrush	X	X	X		
<i>Cirsium mohavense</i>	Mojave thistle			X		+
<i>Cirsium neomexicanum</i>	+ Mexico thistle	X		X		
<i>Cirsium occidentale</i> var. <i>candidissimum</i>	Cobwebby thistle	X				+
* <i>Cirsium vulgare</i>	Bull thistle	X				+
<i>Conyza canadensis</i>	Canadian horseweed	X				+
<i>Crepis runcinata andersonii</i>	Anderson's hawksbeard	X		X		
<i>Crepis runcinata imbricata</i>	Fiddleleaf hawksbeard	X				
<i>Dicoria canescens</i>	Twinbugs			X	X	
<i>Dieteria canescens</i>	Hoary tansyaster	X				+
<i>Dieteria canescens</i> var. <i>leucanthemifolia</i>	Hoary aster	X				+
<i>Ericameria albida</i>	Whiteflower rabbitbrush	X				+
<i>Ericameria laricifolia</i>	Turpentine bush	X				+
<i>Ericameria nana</i>	Dwarf goldenbush	X		X		+
<i>Ericameria nauseosa</i> var. <i>hololeuca</i>	Rubber rabbitbrush	X	X	X	X	
<i>Ericameria nauseosa</i> var. <i>oreophila</i>	Grey rabbitbrush	X		X		+

Table A-1. Plant Species List from the 2017, 2018, and 2019 Surveys of the Proposed FRTC Expansion Areas

FAMILY/ <i>Scientific Name</i>	Common Name	Proposed Expansion Area				New Record‡
		DVTA	B-16	B-17	B-20	
<i>Ericameria</i> sp.	Rabbitbrush	X				
<i>Erigeron aphanactis</i>	Rayless shaggy fleabane	X	X		X	+
<i>Glyptopleura marginata</i>	Carveseed		X	X	X	
<i>Gnaphalium palustre</i>	Western marsh cudweed	X				+
<i>Gutierrezia sarothrae</i>	Matchweed	X	X	X	X	
<i>Helianthus anomalous</i>	Western sunflower	X				+
<i>Iva axillaris</i>	Povertyweed	X		X		
* <i>Lactuca serriola</i>	Wild lettuce	X	X	X		
<i>Layia glandulosa</i>	Whitedaisy tidytips	X				
<i>Logfia depressa</i>	Dwarf cottonrose	X				+
<i>Madia glomerata</i>	Mountain tarweed	X				+
<i>Madia gracilis</i>	Grassy tarweed	X				+
<i>Malacothrix glabrata</i>	Desert dandelion	X	X	X	X	
<i>Malacothrix sonchoides</i>	Sowthistle desert dandelion			X	X	
* <i>Matricaria discoidea</i>	Disc mayweed				X	+
<i>Packera multilobata</i>	Lobeleaf groundsel	X				+
<i>Pectis papposa</i> var. <i>papposa</i>	Cinchweed	X				+
<i>Picrothamnus desertorum</i>	Bud sagebrush	X	X	X	X	
<i>Pleiacanthus spinosus</i>	Thorn skeletonweed	X			X	+
<i>Prenanthes exigua</i>	Brightwhite	X				
<i>Psathyrotes annua</i>	Annual psathyrotes	X	X	X	X	+
<i>Pyrrocoma racemosa</i>	Clustered goldenweed	X				+
* <i>Rhaponticum repens</i>	Russian knapweed	X			X	+
* <i>Sonchus asper</i>	Spiny sowthistle	X				+
* <i>Sonchus oleraceus</i>	Common sowthistle	X				+
<i>Solidago spectabilis</i>	Nevada goldenrod	X				+
<i>Stenotus acaulis</i>	Stemless mock goldenweed	X				+
<i>Stephanomeria exigua</i>	Small wirelettuce	X	X	X	X	
<i>Stephanomeria pauciflora</i>	Brownplume wirelettuce	X		X	X	+
<i>Symphyotrichum eatonii</i>	Eaton's aster	X				+
<i>Symphyotrichum frondosum</i>	Shortrayed alkali aster	X				+
* <i>Taraxacum officinale</i>	Dandelion	X				
<i>Tetradymia glabrata</i>	Littleleaf horsebrush	X	X	X	X	
<i>Tetradymia spinosa</i>	Shortspine horsebrush	X		X	X	
<i>Tetradymia tetrameres</i>	Fourpart horsebrush	X		X	X	
<i>Townsendia scapigera</i>	Tufted Townsend daisy	X		X		+
* <i>Tragopogon dubius</i>	Yellow salsify	X		X		+
* <i>Tripleurospermum inodorum</i>	Scentless false mayweed	X				+
<i>Xanthium strumarium</i>	Rough cocklebur	X				+
BORAGINACEAE						
<i>Amsinckia menziesii</i>	Menzies fiddleneck			X		+
<i>Amsinckia tessellata</i>	Bristly fiddleneck	X	X	X	X	
<i>Cryptantha circumscissa</i>	Cushion cryptantha	X	X	X	X	
<i>Cryptantha flavoculata</i>	Roughseed cryptantha	X		X		+
<i>Cryptantha gracilis</i>	Narrowstem cryptantha	X				+
<i>Cryptantha micrantha</i>	Redroot cryptantha			X	X	
<i>Cryptantha nevadensis</i>	Nevada cryptantha	X		X		
<i>Cryptantha pterocarya</i>	Wingnut cryptantha	X		X		
<i>Cryptantha recurvata</i>	Recurved cryptantha			X		+

Table A-1. Plant Species List from the 2017, 2018, and 2019 Surveys of the Proposed FRTC Expansion Areas

FAMILY/ <i>Scientific Name</i>	Common Name	Proposed Expansion Area				New Record‡
		DVTA	B-16	B-17	B-20	
<i>Cryptantha torreyana</i>	Torrey's cryptantha	X				+
<i>Heliotropium curassavicum</i>	Salt heliotrope	X				+
<i>Hesperochiron californicus</i>	California hesperochiron			X		+
<i>Hydrophyllum occidentale</i>	Western waterleaf	X				+
<i>Lappula occidentalis</i>	Flatspine stickseed			X		+
<i>Mertensia oblongifolia</i>	Sagebrush bluebells	X				+
<i>Nama aretioides</i> var. <i>multiflorum</i>	Ground nama		X	X	X	
<i>Nama densa</i>	Leafy nama			X	X	+
<i>Pectocarya setosa</i>	Comb bur			X		+
<i>Phacelia bicolor</i>	Twocolor phacelia			X		
<i>Phacelia crenulata</i>	Cleftleaf wild heliotrope	X		X	X	
<i>Phacelia glaberrima</i>	Reese River phacelia			X	X	+
<i>Phacelia gymnoclada</i>	Nakedstem phacelia	X	X	X	X	
<i>Phacelia hastata</i> var. <i>hastata</i>	Silverleaf phacelia	X		X		
<i>Phacelia linearis</i>	Threadleaf phacelia	X				
<i>Plagiobothrys hispidulus</i>	Sleeping popcornflower	X		X		+
<i>Plagiobothrys kingii</i> var. <i>harknessii</i>	Great Basin popcornflower			X		
<i>Plagiobothrys salsus</i>	Saltmarsh allocarya	X				+
<i>Tiquilia nuttallii</i>	Nuttall's crinklemat	X	X	X	X	
BRASSICACEAE						
* <i>Alyssum desertorum</i>	Desert madwort	X				+
<i>Boechera lignifera</i>	Desert rockcress	X				+
<i>Boechera microphylla</i>	Littleleaf rockcress	X				+
<i>Boechera retrofracta</i>	Second rockcress	X				+
<i>Boechera</i> sp.	Rockcress	X				+
<i>Erysimum capitatum</i> var. <i>capitatum</i>	Western wallflower	X				+
<i>Caulanthus crassicaulis</i>	Thickstem wild cabbage	X				
<i>Caulanthus pilosus</i>	Hairy wild cabbage	X	X	X	X	+
* <i>Chorispora tenella</i>	Crossflower	X		X		+
<i>Descurainia paradisea</i>	Paradise tansymustard	X		X		+
<i>Descurainia pinnata</i>	Western tansymustard	X		X		+
* <i>Descurainia sophia</i>	Flix weed	X	X	X	X	
<i>Draba</i> sp.	Draba	X				+
<i>Hornungia procumbens</i>	Prostrate hutchinsia	X				
* <i>Lepidium draba</i>	Whitetop	X				
* <i>Lepidium appelianum</i>	Hairy whitetop	X				
* <i>Lepidium campestre</i>	Field pepperweed	X	X			+
<i>Lepidium flavum</i>	Yellow pepperweed	X		X	X	
<i>Lepidium fremontii</i>	Desert pepperweed	X	X	X	X	+
<i>Lepidium lasiocarpum</i>	Shaggyfruit pepperweed	X	X	X	X	+
* <i>Lepidium latifolium</i>	Broadleaved pepperweed	X			X	+
* <i>Lepidium perfoliatum</i>	Clasping pepperweed	X	X	X	X	
* <i>Nasturtium officinale</i>	Watercress	X				
<i>Phoenicaulis cheiranthoides</i>	Wallflower phoenicaulis	X				+
<i>Rorippa tenerima</i>	Modoc yellowcress	X				+
* <i>Sisymbrium altissimum</i>	Tall tumblemustard	X		X		
<i>Stanleya elata</i>	Panamint princesplume	X		X		
<i>Stanleya pinnata</i>	Desert princesplume	X		X	X	
<i>Streptanthella longirostris</i>	Longbeak streptanthella			X		+

Table A-1. Plant Species List from the 2017, 2018, and 2019 Surveys of the Proposed FRTC Expansion Areas

FAMILY/ <i>Scientific Name</i>	Common Name	Proposed Expansion Area				New Record‡
		DVTA	B-16	B-17	B-20	
CACTACEAE						
<i>Grusonia pulchella</i>	Sagebrush cholla	X	X	X	X	
<i>Opuntia polyacantha</i> var. <i>erinacea</i>	Grizzlybear pricklypear	X	X	X		
CAPRIFOLIACEAE						
<i>Symporicarpos longiflorus</i>	Desert snowberry	X		X		
CARYOPHYLLACEAE						
<i>Eremogone kingii</i> var. <i>glabrescens</i>	King's compact sandwort	X				
<i>Minuartia nuttallii</i>	Nuttall's sandwort	X		X		
<i>Silene nuda</i>	Barestem campion	X				+
<i>Spergularia salina</i>	Salt sandspurry	X				
CLEOMACEAE						
<i>Carsonia sparsifolia</i>	Fewleaf beeplant			X	X	
<i>Cleomella hillmanii</i> var. <i>hillmanii</i>	Hillman's stinkweed	X	X	X		+
<i>Cleomella plocasperma</i>	Twisted cleomella	X		X		+
<i>Peritoma lutea</i>	Yellow spiderflower	X	X	X	X	
<i>Peritoma serrulata</i>	Rocky Mountain beeplant			X		+
CONVOLVULACEAE						
<i>Cuscuta salina</i>	Dodder	X			X	
CORNACEAE						
<i>Cornus sericea</i>	Rodosier dogwood	X				+
ELAEAGNACEAE						
* <i>Elaeagnus angustifolia</i>	Russian olive	X				
<i>Shepherdia argentea</i>	Silver buffaloberry	X			X	+
EUPHORBIACEAE						
<i>Croton setiger</i>	Doveweed	X				+
<i>Euphorbia albomarginata</i>	Whitemargin sandmat	X				+
<i>Euphorbia fendleri</i>	Fendler's sandmat	X				+
<i>Euphorbia glyptosperma</i>	Ribseed sandmat	X				+
<i>Euphorbia ocellata</i>	Contura Creek sandmat			X		
<i>Euphorbia polycarpa</i>	Smallseed sandmat	X		X		+
<i>Euphorbia serpyllifolia</i>	Shyneleaf sandmat	X				+
FABACEAE						
<i>Astragalus acutirostris</i>	Sharpkeel milkvetch		X			+
<i>Astragalus argophyllus</i>	Silverleaf milkvetch			X		+
<i>Astragalus atratus</i> var. <i>atratus</i>	Mourning milkvetch	X				+
<i>Astragalus filipes</i>	Basalt milkvetch	X				+
<i>Astragalus geyeri</i> var. <i>geyeri</i>	Geyer's milkvetch	X	X	X	X	
<i>Astragalus iodanthus</i> var. <i>iodanthus</i>	Humboldt River milkvetch	X		X		
<i>Astragalus lentiginosus</i>	Freckled milkvetch	X	X	X		
<i>Astragalus lentiginosus</i> var. <i>fremontii</i>	Fremont's milkvetch			X		+
<i>Astragalus lentiginosus</i> var. <i>kennedyi</i>	Kennedy's milkvetch				X	
<i>Astragalus lentiginosus</i> var. <i>sesquimetralis</i>	Sodaville milkvetch			X		
<i>Astragalus +berryi</i> var. <i>castoreus</i>	+Berry's milkvetch	X		X		+
<i>Astragalus pseudiodanthus</i>	Tonopah milkvetch			X		+
<i>Astragalus serenoi</i>	Naked milkvetch	X				
<i>Lupinus brevicaulis</i>	Shortstem lupine			X		+
<i>Lupinus caudatus</i> caudatus	Tailcup lupine	X		X		
<i>Lupinus pusillus intermontanus</i>	Intermountain lupine	X	X	X		
* <i>Melilotus indicus</i>	Annual yellow sweetclover	X				+

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FAMILY/ <i>Scientific Name</i>	Common Name	Proposed Expansion Area				New Record‡
		DVTA	B-16	B-17	B-20	
* <i>Melilotus officinalis</i>	Sweetclover	X				
<i>Psorothamnus polydenius</i>	Nevada dalea	X	X	X	X	
<i>Trifolium cyathiferum</i>	Cup clover	X				+
* <i>Trifolium repens</i>	White clover	X				+
<i>Trifolium variegatum</i>	Whitetip clover	X				+
GENTIANACEAE						
<i>Zeltnera exaltata</i>	Desert centaury	X				+
GERANIACEAE						
* <i>Erodium cicutarium</i>	Redstem stork's bill	X		X		
GROSSULARIACEAE						
<i>Ribes niveum</i>	Snow currant	X				
<i>Ribes velutinum</i>	Desert gooseberry	X				+
HYPERICACEAE						
<i>Hypericum scouleri</i>	Scouler's st. John's wort	X				+
LAMIACEAE						
<i>Agastache urticifolia</i>	Nettleleaf giant hyssop	X				+
<i>Mentha arvensis</i>	Wild mint	X				+
<i>Monardella glauca</i>	Pale monardella			X		+
<i>Salvia columbariae</i>	Chia	X		X		+
LOASACEAE						
<i>Mentzelia albicaulis</i>	Whitestem blazingstar	X		X	X	
<i>Mentzelia laevicaulis</i> var. <i>laevicaulis</i>	Smoothstem blazingstar	X				
<i>Mentzelia</i> sp.	Blazingstar	X				
<i>Mentzelia veatchiana</i>	Veatch's blazingstar	X		X		
MALVACEAE						
<i>Sphaeralcea ambigua ambigua</i>	Desert globemallow	X	X	X		
<i>Sphaeralcea grossulariifolia</i>	Gooseberryleaf globemallow	X		X	X	+
MONTIACEAE						
<i>Claytonia perfoliata</i>	Miner's lettuce	X				+
<i>Lewisia rediviva</i>	Bitter root	X				+
NYCTAGINACEAE						
<i>Abronia turbinata</i>	Transmontane sand verbena	X		X	X	
<i>Mirabilis alipes</i>	Winged four o'clock	X	X	X	X	
<i>Mirabilis laevis</i> var. <i>villosa</i>	Wishbone bush	X		X		
ONAGRACEAE						
<i>Chylismia claviformis</i>	Browneyes	X		X		
<i>Chylismia claviformis integrior</i>	Browneyes	X		X	X	
<i>Chylismia claviformis lancifolia</i>	Lanceleaf browneyes		X	X		+
<i>Epilobium ciliatum ciliatum</i>	Fringed willowherb	X				
<i>Eremothera boothii</i>	Booth's evening primrose	X		X		+
<i>Eremothera boothii alyssoides</i>	Alyssum evening primrose	X		X		+
<i>Eremothera boothii desertorum</i>	Desert suncup				X	+
<i>Eremothera boothii intermedia</i>	Booth's evening primrose			X		+
<i>Eremothera nevadensis</i>	Nevada suncup		X			
<i>Gayophytum humile</i>	Dwarf groundsmoke	X				+
<i>Gayophytum ramosissimum</i>	Blackfoot groundsmoke	X				+
<i>Oenothera cespitosa</i>	Tufted evening primrose	X		X	X	+
<i>Oenothera cespitosa marginata</i>	Tufted evening primrose	X				+
<i>Oenothera deltoides</i>	Birdcage evening primrose	X	X	X		+

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		DVTA	B-16	B-17	B-20	
<i>Oenothera deltoides piperi</i>	Piper's evening primrose	X		X		
<i>Oenothera elata</i>	Hooker's evening primrose	X				+
OLEACEAE						
<i>Menodora spinescens</i>	Spiny menodora			X		
OROBANCHACEAE						
<i>Castilleja angustifolia</i> var. <i>dubia</i>	Northwestern paintbrush	X		X		+
<i>Castilleja minor</i> minor	Lesser paintbrush	X				
<i>Orobanche corymbosa</i>	Flat-top broomrape	X	X	X	X	
PAPAVERACEAE						
<i>Argemone munita</i>	Flatbud pricklypoppy	X				+
PHRYMACEAE						
<i>Diplacus mephiticus</i> †	Skunk monkeyflower	X				+
<i>Erythranthe guttata</i> †	Seep monkeyflower	X				+
<i>Mimetalthe pilosa</i> †	False monkeyflower	X				+
<i>Erythranthe suksdorffii</i> †	Suksdorf's monkeyflower	X				+
PLANTAGINACEAE						
<i>Collinsia parviflora</i>	Maiden blue eyed Mary	X				+
<i>Keckiella rothrockii</i>	Rothrock's keckIELLA	X				+
<i>Penstemon acuminatus</i> var. <i>latebracteatus</i>	Sharpleaf penstemon		X	X		+
<i>Penstemon humilis</i>	Low beardtongue	X				+
<i>Penstemon palmeri</i> var. <i>macranthus</i>	Lahontan beardtongue	X			X	+
<i>Penstemon deustus</i>	Scabland penstemon	X				+
<i>Penstemon speciosus</i>	Royal penstemon	X		X		
* <i>Plantago lanceolata</i>	Narrowleaf plantain	X				+
* <i>Plantago major</i>	Common plantain	X				+
<i>Plantago ovata</i>	Desert plantain	X				+
<i>Veronica americana</i>	American speedwell	X				
<i>Veronica anagallis-aquatica</i>	Water speedwell	X				+
<i>Veronica peregrina</i>	Hairy purselane speedwell	X				+
POLEMONIACEAE						
<i>Aliciella lottiae</i>	Lott's gilia		X	X	X	
<i>Aliciella micromeria</i>	Dainty gilia				X	
<i>Aliciella triodon</i>	Coyote gilia	X	X	X		
<i>Collomia grandiflora</i>	Grand collomia	X				+
<i>Eriastrum wilcoxii</i>	Wilcox's woolystar	X	X	X	X	
<i>Gilia brecciarum</i> <i>brecciarum</i>	Nevada gilia	X		X		+
<i>Gilia salticola</i>	Salt gilia			X		+
<i>Gilia scopulorum</i>	Rock gilia			X		+
<i>Gilia sinuata</i>	Rosy gilia			X		+
<i>Gilia</i> sp. X	Gilia	X		X		
<i>Gilia</i> sp. 2	Gilia	X				
<i>Ipomopsis polycladon</i>	Manybranched ipomopsis	X	X	X	X	
<i>Leptosiphon liniflorus</i>	Narrowflower flaxflower	X				+
<i>Linanthus campanulatus</i>	Bellshape gilia	X		X	X	+
<i>Linanthus pharnaceoides</i>						
<i>Linanthus pungens</i>	Granite prickly phlox	X		X		
<i>Loeseliastrum schottii</i>	Schott's calico			X		+
<i>Microsteris gracilis</i>	Slender phlox	X				+
<i>Navarretia breweri</i>	Brewer's navarretia	X				

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FAMILY/ <i>Scientific Name</i>	Common Name	Proposed Expansion Area				New Record‡
		DVTA	B-16	B-17	B-20	
<i>Phlox hoodii canescens</i>	Carpet phlox	X		X		
<i>Phlox longifolia</i>	Longleaf phlox	X		X		+
<i>Phlox stansburyi</i>	Cold-desert phlox	X		X		
POLYGONACEAE						
<i>Chorizanthe rigida</i>	Devil's spineflower	X	X	X	X	
<i>Chorizanthe watsonii</i>	Fiveteeth spineflower	X				
<i>Eriogonum baileyi</i>	Bailey's buckwheat	X				+
<i>Eriogonum caespitosum</i>	Matted buckwheat	X		X		+
<i>Eriogonum deflexum</i> var. <i>nevadense</i>	Nevada buckwheat	X	X	X	X	
<i>Eriogonum heermannii</i> var. <i>heermannii</i>	Heermann's buckwheat	X	X	X	X	
<i>Eriogonum heermannii</i> var. <i>humilis</i>	Heermann's buckwheat	X				+
<i>Eriogonum inflatum</i>	Desert trumpet	X	X	X	X	
<i>Eriogonum maculatum</i>	Spotted buckwheat		X	X	X	
<i>Eriogonum microthecum</i> var. <i>laxiflorum</i>	Slender buckwheat	X		X		+
<i>Eriogonum nidularium</i>	Birdnest buckwheat	X	X	X		
<i>Eriogonum ovalifolium</i> var. <i>ovalifolium</i>	Cushion buckwheat	X		X		+
<i>Eriogonum ovalifolium</i> var. <i>purpureum</i>	Purple cushion buckwheat	X		X		
<i>Eriogonum pusillum</i>	Yellowturbans	X		X		
<i>Eriogonum reniforme</i>	Kidneyleaf buckwheat	X				+
<i>Eriogonum rubricaulle</i>	Lahontan Basin buckwheat	X		X	X	+
<i>Eriogonum rupinum</i>	Wyman Creek buckwheat	X			X	+
<i>Eriogonum</i> sp. X	Buckwheat		X			
<i>Eriogonum</i> sp. 2	Buckwheat		X			
<i>Eriogonum umbellatum</i> var. <i>umbellatum</i>	Sulphur-flower buckwheat	X		X		+
<i>Eriogonum vimineum</i>	Broom buckwheat			X		+
<i>Eriogonum wrightii</i>	Bastardsage	X				+
<i>Oxytheca perfoliata</i>	Roundleaf oxytheca	X	X	X		
* <i>Polygonum argyrocoleon</i>	Silversheath knotweed	X				+
* <i>Polygonum aviculare</i>	Prostrate knotweed	X		X		+
* <i>Rumex crispus</i>	Curly dock	X				
<i>Rumex venosus</i>	Veiny dock		X	X		
RANUNCULACEAE						
<i>Aquilegia formosa</i>	Western columbine	X				+
<i>Clematis ligusticifolia</i>	Western white clematis	X				+
<i>Delphinium andersonii</i>	Anderson's larkspur	X	X	X	X	
<i>Ranunculus andersonii</i>	Anderson's ranunculus	X				+
<i>Ranunculus cymbalaria</i>	Alkali buttercup	X				
* <i>Ranunculus repens</i>	Creeping buttercup	X				+
* <i>Ranunculus testiculatus</i>	Curveseed butterwort	X				+
ROSACEAE						
<i>Amelanchier utahensis</i>	Utah serviceberry	X		X		+
<i>Geum macrophyllum</i> var. <i>perincisum</i>	Largeleaf avens	X				+
<i>Geum</i> sp.	Avens	X				+
<i>Holodiscus discolor</i> var. <i>dumosus</i>	Rockspirea	X				+
<i>Ivesia baileyi</i>	Baily's ivesia	X				+
<i>Ivesia kingii</i>	King's mousetail			X		+
<i>Malus</i> spp.	Apple	X				
<i>Potentilla biennis</i>	Biennial cinquefoil	X				+
<i>Prunus andersonii</i>	Desert peach	X				

Table A-1. Plant Species List from the 2017, 2018, and 2019 Surveys of the Proposed FRTC Expansion Areas

FAMILY/ <i>Scientific Name</i>	Common Name	Proposed Expansion Area				New Record‡
		DVTA	B-16	B-17	B-20	
<i>Prunus serotina</i>	Black cherry	X				+
<i>Prunus virginiana</i>	Chokecherry	X				+
<i>Rosa woodsii</i>	Wood's rose	X				+
RUBIACEAE						
* <i>Galium aparine</i>	Stickywilly	X				
<i>Galium multiflorum</i> var. <i>multiflorum</i>	Shrubby bedstraw	X		X		
SALICACEAE						
<i>Populus fremontii</i>	Fremont cottonwood	X				
<i>Salix exigua</i>	Narrowleaf willow	X		X		+
<i>Salix laevigata</i>	Red willow	X		X		+
<i>Salix lasiolepis</i>	Arroyo willow	X				+
SANTALACEAE						
<i>Arceuthobium divaricatum</i>	Pinyon dwarf mistletoe	X				+
<i>Phoradendron juniperinum</i>	Juniper mistletoe	X				+
SARCOBATACEAE						
<i>Sarcobatus baileyi</i>	Bailey's greasewood	X	X	X	X	
<i>Sarcobatus vermiculatus</i>	Intermountain greasewood	X	X	X	X	
SAXIFRAGACEAE						
<i>Lithophragma tenellum</i>	Slender woodland star	X				+
SCROPHULARIACEAE						
<i>Scrophularia desertorum</i>	Mountain figwort	X				+
SOLANACEAE						
<i>Lycium andersonii</i>	Anderson's boxthorn	X				+
<i>Lycium shockleyi</i>	Shockley's boxthorn			X		+
<i>Nicotiana attenuata</i>	Coyote tobacco	X				+
<i>Oryctes nevadensis</i>	Nevada oryctes			X	X	
<i>Solanum triflorum</i>	Cutleaf nightshade	X				+
TAMARICACEAE						
* <i>Tamarix ramosissima</i>	Saltcedar	X		X		
URTICACEAE						
<i>Urtica dioica</i>	Stinging nettle	X				+
VIOLACEAE						
<i>Viola purpurea</i>	Mountain violet	X				+
ZYGOPHYLLACEAE						
<i>Tribulus terrestris</i>	Caltrops			X		+
AMARYLLIDACEAE						
<i>Allium anceps</i>	Twinleaf onion	X				+
<i>Allium atrorubens</i> var. <i>atrorubens</i>	Darkred onion	X		X		
CYPERACEAE						
<i>Carex douglasii</i>	Douglas' sedge	X				+
<i>Carex microptera</i>	Smallwing sedge	X				+
<i>Carex occidentalis</i>	Western sedge	X				+
<i>Carex pachystachya</i>	Chamisso sedge	X				+
<i>Carex praegracilis</i>	Clustered field sedge	X		X		
<i>Eleocharis bolanderi</i>	Bolander's spikerush			X		+
<i>Eleocharis palustris</i>	Common spikerush	X		X		+
<i>Eleocharis parishii</i>	Parish's spikerush	X		X		+
<i>Eleocharis quinqueflora</i>	Fewflower spikerush	X				+
<i>Eleocharis</i> sp.	Spikerush	X				

Table A-1. Plant Species List from the 2017, 2018, and 2019 Surveys of the Proposed FRTC Expansion Areas

FAMILY/ <i>Scientific Name</i>	Common Name	Proposed Expansion Area				New Record‡
		DVTA	B-16	B-17	B-20	
<i>Schoenoplectus americanus</i>	Chairmaker's bulrush	X		X		
<i>Scirpus cf. nevadensis</i>	Nevada bulrush			X		
JUNCACEAE						
<i>Juncus arcticus</i>	Mountain rush	X				+
<i>Juncus balticus mexicanus</i>	Mexican rush	X		X		
<i>Juncus bufonius</i>	Toad rush	X				+
<i>Juncus longistylis</i>	Longstyled rush	X				+
<i>Juncus saximontanus</i>	Rocky Mountain rush	X				+
<i>Juncus torreyi</i>	Torrey's rush	X				+
<i>Juncus xiphioides</i>	Irisleaf rush	X				+
JUNCAGINACEAE						
<i>Triglochin maritima</i>	Slender arrowgrass	X		X		
LILIACEAE						
<i>Calochortus bruneaunis</i>	Bruneau mariposa lily	X				+
<i>Fritillaria atropurpurea</i>	Mountain fritillary	X				+
MELANTHIACEAE						
<i>Toxicoscordion paniculatum</i>	Foothill deathcamas	X				+
ORCHIDACEAE						
<i>Epipactis gigantea</i>	Stream orchid	X				+
POACEAE						
<i>Achnatherum hymenoides</i>	Ricegrass	X	X	X	X	
<i>Achnatherum nevadense</i>	Nevada needlegrass	X				+
<i>Achnatherum thurberianum</i>	Thurber's needlegrass	X				+
* <i>Agropyron cristatum pectinatum</i>	Crested wheatgrass	X		X		+
* <i>Agropyron desertorum</i>	Desert wheatgrass	X		X		+
* <i>Agrostis capillaris</i>	Colonial bentgrass	X				+
* <i>Agrostis stolonifera</i>	Creeping bentgrass	X				+
<i>Blepharidachne kingii</i>	King's eyelashgrass	X	X	X		
* <i>Bromus madritensis</i>	Red brome	X	X	X	X	
* <i>Bromus tectorum</i>	Cheatgrass	X	X	X	X	
<i>Deschampsia danthonioides</i>	Annual hairgrass	X				+
<i>Distichlis spicata</i>	Saltgrass	X		X	X	
<i>Elymus elymoides</i>	Squirreltail	X		X	X	
* <i>Eremopyrum triticeum</i>	Annual wheatgrass				X	
<i>Festuca rubra</i>	Red fescue	X				+
<i>Festuca saximontana</i>	Mountain fescue					
* <i>Festuca trachyphylla</i>	Sheep fescue	X				+
<i>Hesperostipa comata comata</i>	Needle and thread	X	X	X		
<i>Hilaria jamesii</i>	James' galleta	X	X	X		
<i>Hordeum brachyantherum</i>	Meadow barley	X				+
* <i>Hordeum murinum</i>	Mouse barley	X				+
<i>Leymus cinereus</i>	Basin wildrye	X		X	X	
<i>Leymus triticoides</i>	Beardless wildrye	X				
<i>Melica stricta</i>	Rock melicgrass	X				+
<i>Muhlenbergia asperifolia</i>	Scratchgrass	X			X	+
<i>Panicum capillare</i>	Witchgrass	X				+
<i>Pappostipa speciosa</i>	Desert needlegrass	X	X	X		
* <i>Phragmites australis</i>	Common reed	X				
* <i>Poa bulbosa</i>	Bulbous bluegrass	X				+

Table A-1. Plant Species List from the 2017, 2018, and 2019 Surveys of the Proposed FRTC Expansion Areas

FAMILY/ <i>Scientific Name</i>	Common Name	Proposed Expansion Area				New Record‡
		DVTA	B-16	B-17	B-20	
* <i>Poa pratensis</i>	Kentucky bluegrass	X				+
<i>Poa secunda</i>	Sandberg bluegrass	X	X	X	X	
<i>Poa</i> sp.	Bluegrass	X				
* <i>Polypogon monspeliensis</i>	Rabbitsfoot grass	X			X	
* <i>Polypogon viridis</i>	Beardless rabbitsfoot grass	X				+
* <i>Puccinellia distans</i>	Weeping alkaligrass	X		X		+
* <i>Schedonorus arundinaceus</i>	Tall fescue	X				+
<i>Sporobolus airoides</i>	Alkali sacaton	X		X	X	+
<i>Sporobolus cryptandrus</i>	Sand dropseed	X		X		+
<i>Thinopyrum ponticum</i>	Tall wheatgrass	X				
* <i>Vulpia myuros</i>	Rattail fescue	X				+
<i>Vulpia octoflora</i>	Sixweeks fescue			X		+
POTAMOGETONACEAE						
<i>Zannichellia palustris</i>	Horned pondweed	X				+
TYPHACEAE						
* <i>Typha angustifolia</i>	Narrowleaf cattail	X				+
<i>Typha domingensis</i>	Southern cattail	X				

Notes: ‡ = new species record added to the 2015 species list for FRTC lands (NAS Fallon 2015).

Bold = rare plant species detected during 2017 and/or 2019 surveys.

* = non-native species.

†indicates taxonomic authority used was Jepson Eflora, not the Integrated Taxonomic Information System (IT IS).

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Appendix B: Herbarium Voucher Database

[Note: 11 x 17 ledger format; also attached electronically as MS Excel Document.]

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Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_LonCoordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
POLEMONIACEAE	Churchill	<i>Collomia grandiflora</i>	Douglas ex Lindley			N39.4554° W118.0009°	1875 m (6150 ft)	Cian Alpine Mountains, just west of Bench Creek, 2.1 km east of the summit of Round Mountain, 67 km east of Fallon, north-facing slope;	<i>Pinus monophylla</i> /Juniperus osteosperma woodland with <i>Antennaria dimorpha</i> , <i>Astragalus atratus</i> , <i>A. newberryi</i> , <i>Calochortus bruneaunis</i> , <i>Chorizanthe watsonii</i> , <i>Crepis laciniata</i> , <i>Eremogone kingii</i> , <i>Erigeron ophanactis</i> , <i>Lomatium foeniculaceum</i> , <i>Navarretia breweri</i> , <i>Phlox hoodii</i> , and <i>Poa secunda</i> .	Very local erect annual, flowers very pale orange.	Marc A. Baker	10927	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Antennaria dimorpha</i>	Torrey & A. Gray			N39.4554° W118.0009°	1875 m (6150 ft)	Cian Alpine Mountains, just west of Bench Creek, 2.1 km east of the summit of Round Mountain, 67 km east of Fallon, north-facing slope;	<i>Pinus monophylla</i> /Juniperus osteosperma woodland with <i>Astragalus atratus</i> , <i>A. newberryi</i> , <i>Calochortus bruneaunis</i> , <i>Chorizanthe watsonii</i> , <i>Collomia grandiflora</i> , <i>Crepis laciniata</i> , <i>Eremogone kingii</i> , <i>Erigeron ophanactis</i> , <i>Lomatium foeniculaceum</i> , <i>Navarretia breweri</i> , <i>Phlox hoodii</i> , and <i>Poa secunda</i> .	Common pulvinate perennial, generally less than 1 dm broad.	Marc A. Baker	10929	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
POACEAE	Churchill	<i>Poa secunda</i>	J. Presl.	subsp. secunda		N39.2731° W118.9116°	1295 m (4248 ft)	Dead Camel Mountains, 1.2 km west of North Well, 14 km SSE of Red Mountain, 25 km SSW of Fallon	<i>Sarcobatus baileyi</i> scrub with <i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Delphinium andersonii</i> , <i>Ephedra nevadensis</i> , <i>Erigeron ophanactis</i> , <i>Graya spinosa</i> , <i>Hilaria jamesii</i> , <i>Lepidium fremontii</i> , <i>Opuntia erinacea</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Along ridge of basalt and tuff.	Marc A. Baker	18860	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Salt Cave
ASTERACEAE	Churchill	<i>Erigeron ophanactis</i>	(A. Gray) E. Greene	var. aphanactis		N39.2731° W118.9116°	1295 m (4248 ft)	Dead Camel Mountains, 1.2 km west of North Well, 14 km SSE of Red Mountain, 25 km SSW of Fallon	<i>Sarcobatus baileyi</i> scrub with <i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Delphinium andersonii</i> , <i>Ephedra nevadensis</i> , <i>Graya spinosa</i> , <i>Hilaria jamesii</i> , <i>Lepidium fremontii</i> , <i>Opuntia erinacea</i> , <i>Poa secunda</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Below ridge of basalt and tuff.	Marc A. Baker	18861	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Salt Cave
RANUNCULACEAE	Churchill	<i>Delphinium andersonii</i>	A. Gray			N39.2731° W118.9116°	1295 m (4248 ft)	Dead Camel Mountains, 1.2 km west of North Well, 14 km SSE of Red Mountain, 25 km SSW of Fallon	<i>Sarcobatus baileyi</i> scrub with <i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Delphinium andersonii</i> , <i>Ephedra nevadensis</i> , <i>Erigeron ophanactis</i> , <i>Graya spinosa</i> , <i>Hilaria jamesii</i> , <i>Lepidium fremontii</i> , <i>Opuntia erinacea</i> , <i>Poa secunda</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Below ridge of basalt and tuff; flowers dark purple-blue.	Marc A. Baker	18862	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Salt Cave
ASTERACEAE	Churchill	<i>Artemisia spinescens</i>	D. C. Eaton in S. Watson			N39.2747° W118.9128°	1285 m (4215 ft)	Dead Camel Mountains, 1.2 km west of North Well, 14 km SSE of Red Mountain, 25 km SSW of Fallon, lower bajada of sand and basalt rocks	<i>Sarcobatus baileyi</i> scrub with <i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Delphinium andersonii</i> , <i>Ephedra nevadensis</i> , <i>Erigeron ophanactis</i> , <i>Graya spinosa</i> , <i>Hilaria jamesii</i> , <i>Lepidium fremontii</i> , <i>Opuntia erinacea</i> , <i>Poa secunda</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Common shrub.	Marc A. Baker	18863	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Salt Cave
ONAGRACEAE	Churchill	<i>Chylismia claviformis</i>	(Torrey & Frémont) A. Heller	subsp. lancifolia	(A. Heller) W. L. Wagner & Hoch	N39.2747° W118.9128°	1285 m (4215 ft)	Dead Camel Mountains, 1.2 km west of North Well, 14 km SSE of Red Mountain, 25 km SSW of Fallon, lower bajada of sand and basalt rocks	<i>Sarcobatus baileyi</i> scrub with <i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Delphinium andersonii</i> , <i>Ephedra nevadensis</i> , <i>Erigeron ophanactis</i> , <i>Graya spinosa</i> , <i>Hilaria jamesii</i> , <i>Lepidium fremontii</i> , <i>Opuntia erinacea</i> , <i>Poa secunda</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Photos.	Marc A. Baker	18864	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Salt Cave
ASTERACEAE	Churchill	<i>Euphosyne nevadensis</i>	(M. E. Jones) Panero			N39.2747° W118.9128°	1285 m (4215 ft)	Dead Camel Mountains, 1.2 km west of North Well, 14 km SSE of Red Mountain, 25 km SSW of Fallon, lower bajada of sand and basalt rocks	<i>Sarcobatus baileyi</i> scrub with <i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Delphinium andersonii</i> , <i>Ephedra nevadensis</i> , <i>Erigeron ophanactis</i> , <i>Graya spinosa</i> , <i>Hilaria jamesii</i> , <i>Lepidium fremontii</i> , <i>Opuntia erinacea</i> , <i>Poa secunda</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Photos.	Marc A. Baker	18865	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Salt Cave
FABACEAE	Churchill	<i>Astragalus geyeri</i>	A. Gray	var. geyeri		N39.2747° W118.9128°	1285 m (4215 ft)	Dead Camel Mountains, 1.2 km west of North Well, 14 km SSE of Red Mountain, 25 km SSW of Fallon, lower bajada of sand and basalt rocks	<i>Sarcobatus baileyi</i> scrub with <i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Delphinium andersonii</i> , <i>Ephedra nevadensis</i> , <i>Erigeron ophanactis</i> , <i>Graya spinosa</i> , <i>Hilaria jamesii</i> , <i>Lepidium fremontii</i> , <i>Opuntia erinacea</i> , <i>Poa secunda</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Annual, flowers cream-white.	Marc A. Baker	18866	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Salt Cave
BRASSICACEAE	Churchill	<i>Caulanthus pilosus</i>	S. Watson			N39.2747° W118.9128°	1285 m (4215 ft)	Dead Camel Mountains, 1.2 km west of North Well, 14 km SSE of Red Mountain, 25 km SSW of Fallon, lower bajada of sand and basalt rocks	<i>Sarcobatus baileyi</i> scrub with <i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Delphinium andersonii</i> , <i>Ephedra nevadensis</i> , <i>Erigeron ophanactis</i> , <i>Graya spinosa</i> , <i>Hilaria jamesii</i> , <i>Lepidium fremontii</i> , <i>Opuntia erinacea</i> , <i>Poa secunda</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .		Marc A. Baker	18867	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Salt Cave
FABACEAE	Lyon	<i>Astragalus acutirostris</i>	S. Watson			N39.2841° W118.9975°	1378 m (4420 ft)	12 km SSW of Red Mountain, 20km SW of Fallon, hills of fines silt and purple-gray gravel	<i>Sarcobatus baileyi</i> scrub with <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus madritensis</i> , <i>Chylismia clavata</i> , <i>Graya spinosa</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Halogenot glomeratus</i> , <i>Lepidium lasiocarpum</i> , <i>Malacothrix glabrata</i> , and <i>Sphaeralcea ambigua</i> .	Annual; flowers white, suffused with pink.	Marc A. Baker	18868	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Salt Cave
FABACEAE	Lyon	<i>Lupinus pusillus</i>	Pursh	var. intermontanus	(A. Heller) C. P. Sm.	N39.2817° W119.0010°	1375 m (4510 ft)	12 km SSW of Red Mountain, 20km SW of Fallon, along shallow wash	<i>Sarcobatus baileyi</i> scrub with <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus madritensis</i> , <i>Chylismia clavata</i> , <i>Graya spinosa</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Halogenot glomeratus</i> , <i>Lepidium lasiocarpum</i> , <i>Malacothrix glabrata</i> , and <i>Sphaeralcea ambigua</i> .	Annual; flowers blue-purple except for the white center of the banner.	Marc A. Baker	18869	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Salt Cave
CHENOPodiaceae	Lyon	<i>Atriplex argentea</i>	Nuttall	var. hillmanii	M. E. Jones	N39.3033° W119.0281°	1279 m (4195 ft)	Churchill Valley, west side of Dead Camel Mountains, flat valley bottom	<i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaenactis stoevioides</i> , <i>Lepidium perfoliatum</i> , <i>Malacothrix glabrata</i> , <i>Sarcobatus vermiculatus</i> , <i>Stutzia covillei</i> , and <i>Suaeda nigra</i> .	Gray-green decumbent annual.	Marc A. Baker	18870	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Hooten Hill
BRASSICACEAE	Lyon	<i>Lepidium perfoliatum</i>	L.			N39.3033° W119.0281°	1279 m (4195 ft)	Churchill Valley, west side of Dead Camel Mountains, flat valley bottom	<i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>A. truncata</i> , <i>Bromus tectorum</i> , <i>Chaenactis stoevioides</i> , <i>Malacothrix glabrata</i> , <i>Sarcobatus vermiculatus</i> , <i>Stutzia covillei</i> , and <i>Suaeda nigra</i> .	Locally abundant.	Marc A. Baker	18871	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Hooten Hill
CHENOPodiaceae	Lyon	<i>Stutzia covillei</i>	(Standley) E. H. Zacharias			N39.3033° W119.0281°	1279 m (4195 ft)	Churchill Valley, west side of Dead Camel Mountains, flat valley bottom	<i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>A. truncata</i> , <i>Bromus tectorum</i> , <i>Chaenactis stoevioides</i> , <i>Lepidium perfoliatum</i> , <i>Malacothrix glabrata</i> , <i>Sarcobatus vermiculatus</i> , and <i>Suaeda nigra</i> .	Yellow-green to yellow-gray-green erect annual.	Marc A. Baker	18872	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Hooten Hill
ASTERACEAE	Lyon	<i>Chaenactis stoevioides</i>	Hook. & Arn.			N39.3033° W119.0281°	1279 m (4195 ft)	Churchill Valley, west side of Dead Camel Mountains, flat valley bottom	<i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>A. truncata</i> , <i>Bromus tectorum</i> , <i>Lepidium perfoliatum</i> , <i>Malacothrix glabrata</i> , <i>Sarcobatus vermiculatus</i> , <i>Stutzia covillei</i> , and <i>Suaeda nigra</i> .	Common and abundant annual, flowers white.	Marc A. Baker	18873	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Hooten Hill
CHENOPodiaceae	Lyon	<i>Chenopodium</i>				N39.3033° W119.0281°	1279 m (4195 ft)	Churchill Valley, west side of Dead Camel Mountains, flat valley bottom	<i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>A. truncata</i> , <i>Bromus tectorum</i> , <i>Chaenactis stoevioides</i> , <i>Lepidium perfoliatum</i> , <i>Malacothrix glabrata</i> , <i>Sarcobatus vermiculatus</i> , <i>Stutzia covillei</i> , and <i>Suaeda nigra</i> .		Marc A. Baker	18874	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Hooten Hill
FABACEAE	Lyon	<i>Astragalus lentiginosus</i>	Douglas	var. kennedyi	(Rydberg) Barneby	N39.3053° W119.0268°	1285 m (4215 ft)	Churchill Valley, west side of Dead Camel Mountains, flat valley bottom, sandy soil	<i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>A. truncata</i> , <i>Bromus tectorum</i> , <i>Chaenactis stoevioides</i> , <i>Cynometra corrugata</i> , <i>Lepidium perfoliatum</i> , <i>Malacothrix glabrata</i> , <i>Sarcobatus vermiculatus</i> , <i>Stutzia covillei</i> , and <i>Suaeda nigra</i> .	Flowers dark violet, aging blue, petal centers white.	Marc A. Baker	18875	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Hooten Hill
APIACEAE	Lyon	<i>Cymopterus corrugatus</i>	M. E. Jones			N39.3053° W119.0268°	1285 m (4215 ft)	Churchill Valley, west side of Dead Camel Mountains, flat valley bottom, sandy soil	<i>Artemisia spinescens</i> , <i>Astragalus lentiginosus</i> , <i>Atriplex confertifolia</i> , <i>A. truncata</i> , <i>Bromus tectorum</i> , <i>Chaenactis stoevioides</i> , <i>Lepidium perfoliatum</i> , <i>Malacothrix glabrata</i> , <i>Sarcobatus vermiculatus</i> , <i>Stutzia covillei</i> , and <i>Suaeda nigra</i> .	Flowers dark violet, aging blue, petal centers white.	Marc A. Baker	18876	14-May-17	with Emily Howe & Michelle Cloud-Hughes	Hooten Hill
CHENOPodiaceae	Churchill	<i>Atriplex argentea</i>	Nuttall	var. hillmanii	M. E. Jones	N39.9402° W118.5321°	1200 m (3930 ft)	south slope of West Humboldt Range, Carson Sink, 55 km NNE of Fallon, 3.3 km SE of Lovelock Indian Caves, valley bottom of silt, gravel, and cobbles	<i>Sarcobatus vermiculatus</i> scrub with <i>Chaenactis stoevioides</i> , <i>Chylismia claviformis</i> , <i>Lepidium flavum</i> , and <i>Suaeda nigra</i> .	Gray-green, decumbent to erect annual.	Marc A. Baker	18877	15-May-17	with Emily Howe & Michelle Cloud-Hughes	Lovelock Indian Caves
BRASSICACEAE	Churchill	<i>Lepidium flavum</i>	Torrey			N39.9402° W118.5321°	1200 m (3930 ft)	south slope of West Humboldt Range, Carson Sink, 55 km NNE of Fallon, 3.3 km SE of Lovelock Indian Caves, valley bottom of silt, gravel, and cobbles	<i>Sarcobatus vermiculatus</i> scrub with <i>Atriplex saccaria</i> , <i>Chaenactis stoevioides</i> , <i>Chylismia claviformis</i> , <i>Lepidium flavum</i> , and <i>Suaeda nigra</i> .	Annual, flowers yellow.	Marc A. Baker	18878	15-May-17	with Emily Howe & Michelle Cloud-Hughes	Lovelock Indian Caves
FABACEAE	Churchill	<i>Astragalus lentiginosus</i>	Douglas	var. floribundus	A. Gray	N39.9476° W118.4720°	1200 m (3930 ft								

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_LonCoordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
RANUNCULACEAE	Churchill	<i>Delphinium andersonii</i>	A. Gray			N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Flowers dark blue, spur and back of banner dark purple, crest white.	Marc A. Baker	18888	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
FABACEAE	Churchill	<i>Astragalus iodanthus</i>	S. Watson	var. iodanthus		N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Perennial herb with dark gray-green leaves; flowers red-purple.	Marc A. Baker	18889	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
BRASSICACEAE	Churchill	<i>Boechera lignifera</i>	(A. Nels.) W. A. Weber			N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Castilleja chromosa</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Flowers purple-pink.	Marc A. Baker	18890	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
OROBANCHACEAE	Churchill	<i>Castilleja chromosa</i>	A. Nels.			N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Bracts red-pink.	Marc A. Baker	18891	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
POLYGONACEAE	Churchill	<i>Eriogonum caespitosum</i>	Nuttall			N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Flowers white.	Marc A. Baker	18892	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
POLYGONACEAE	Churchill	<i>Eriogonum ovalifolium</i>	Nuttall	var. ovalifolium		N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Cushion-forming perennial herb, flowers pale yellow.	Marc A. Baker	18893	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
FABACEAE	Churchill	<i>Astragalus newberryi</i>	A. Gray	var. castoreus	M. E. Jones	N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Flowers white.	Marc A. Baker	18894	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
FABACEAE	Churchill	<i>Lupinus pusillus</i>	Pursh	var. intermontanus	(A. Heller) C. P. Sm.	N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Flowers pale blue.	Marc A. Baker	18895	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
APIACEAE	Churchill	<i>Lomatium nudicaule</i>	(Nuttall) J. M. Coulter & J. N. Rose	var. macdougalii	(J. M. Coulter & J. N. Rose) W. L. Theob.	N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium nudicaule</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .		Marc A. Baker	18896	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
ALLIACEAE	Churchill	<i>Allium anceps</i>	Kellogg			N39.4426° W117.9905°	1780 m (5800 ft)	West slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Flowers pale pink-lavender.	Marc A. Baker	18897	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
FABACEAE	Churchill	<i>Astragalus atratus</i>	S. Watson	var. atratus		N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .		Marc A. Baker	18898	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
POACEAE	Churchill	<i>Poa secunda</i>	J. Presl.	subsp. secunda		N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Cespitose perennial.	Marc A. Baker	18899	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
ONAGRACEAE	Churchill	<i>Gayophytum humile</i>	A. L. Juss.			N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles	<i>Artemisia tridentata</i> scrub with <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Delphinium andersonii</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Cespitose perennial.	Marc A. Baker	18900	16-May-17	with Emily Howe & Michelle Cloud-Hughes	Camp Creek Canyon
POLEMONIACEAE	Churchill	<i>Linanthus pungens</i>	(Torrey) J. M. Porter & L. A. Johnson			N39.3118° W118.0665°	1560 m (5120 ft)	south end of the Clan Alpine Mountains, 4.8 km ESE of the summit of Chalk Mountain, 64 km ESE of Fallon, shallow wash of volcanic outcroppings, gray-brown rocks, cobbles, gravel, sand, and silt	<i>Artemisia spinosa</i> , <i>Blennardia kingii</i> , <i>Brickellia microphylla</i> , <i>B. oblongifolia</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Linanthus pungens</i> , <i>Poa secunda</i> , <i>Sarcobatus baileyi</i> , <i>Stanleya pinnata</i> , <i>S. viridiflora</i> , <i>Stipa hymenoides</i> , <i>Tetradymia glabrata</i> , and <i>T. tetrameres</i> .	Low shrub, flowers white, closed now.	Marc A. Baker	18901	16-May-17		West Gate
CAPRIFOLIACEAE	Churchill	<i>Symphoricarpos longiflorus</i>	A. Gray			N39.3118° W118.0665°	1560 m (5120 ft)	south end of the Clan Alpine Mountains, 4.8 km ESE of the summit of Chalk Mountain, 64 km ESE of Fallon, shallow wash of volcanic outcroppings, gray-brown rocks, cobbles, gravel, sand, and silt	<i>Artemisia spinosa</i> , <i>Blennardia kingii</i> , <i>Brickellia microphylla</i> , <i>B. oblongifolia</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Linanthus pungens</i> , <i>Poa secunda</i> , <i>Sarcobatus baileyi</i> , <i>Stanleya pinnata</i> , <i>S. viridiflora</i> , <i>Stipa hymenoides</i> , <i>Tetradymia glabrata</i> , and <i>T. tetrameres</i> .	Shrub to nearly 1 m tall, as broad; flowers white, tinged pale pink.	Marc A. Baker	18902	16-May-17		West Gate
NYCTAGINACEAE	Nye	<i>Abronia turbinata</i>	Torrey ex S. Watson			N38.9347° W118.1185°	1405 m (4610 ft)	Gabbs Valley, 500 m west of Phillips Wash, just south of the Monte Cristo Mountains, 82 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Blennardia kingii</i> , <i>Brickellia microphylla</i> , <i>B. oblongifolia</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Linanthus pungens</i> , <i>Poa secunda</i> , <i>Sarcobatus baileyi</i> , <i>Stanleya pinnata</i> , <i>S. viridiflora</i> , <i>Stipa hymenoides</i> , <i>Tetradymia glabrata</i> , and <i>T. tetrameres</i> .	Flowers pink with white center.	Marc A. Baker	18903	17-May-17	with Emily Howe & Michelle Cloud-Hughes	Mount Annie NE
HYDROPHYLACEAE	Nye	<i>Nama densa</i>	Lemmon			N38.9347° W118.1185°	1405 m (4610 ft)	Gabbs Valley, 500 m west of Phillips Wash, just south of the Monte Cristo Mountains, 82 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Blennardia kingii</i> , <i>Brickellia microphylla</i> , <i>B. oblongifolia</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Linanthus pungens</i> , <i>Poa secunda</i> , <i>Sarcobatus baileyi</i> , <i>Stanleya pinnata</i> , <i>S. viridiflora</i> , <i>Stipa hymenoides</i> , <i>Tetradymia glabrata</i> , and <i>T. tetrameres</i> .	Prostrate annual with white flowers.	Marc A. Baker	18904	17-May-17	with Emily Howe & Michelle Cloud-Hughes	Mount Annie NE
HYDROPHYLACEAE	Nye	<i>Phacelia bicolor</i>	Torrey ex S. Watson			N38.9347° W118.1185°	1405 m (4610 ft)	Gabbs Valley, 500 m west of Phillips Wash, just south of the Monte Cristo Mountains, 82 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Blennardia kingii</i> , <i>Brickellia microphylla</i> , <i>B. oblongifolia</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Linanthus pungens</i> , <i>Poa secunda</i> , <i>Sarcobatus baileyi</i> , <i>Stanleya pinnata</i> , <i>S. viridiflora</i> , <i>Stipa hymenoides</i> , <i>Tetradymia glabrata</i> , and <i>T. tetrameres</i> .	Decumbent annual, flower limb pink-violet, throat orange-yellow.	Marc A. Baker	18905	17-May-17	with Emily Howe & Michelle Cloud-Hughes	Mount Annie NE
FABACEAE	Nye	<i>Astragalus pseudodianthus</i>	Barneby			N38.9347° W118.1185°	1405 m (4610 ft)	Gabbs Valley, 500 m west of Phillips Wash, just south of the Monte Cristo Mountains, 82 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Blennardia kingii</i> , <i						

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
CHENOPodiaceae	Churchill	<i>Suaeda nigra</i>	(Raf.) J. F. Macbr.			N39.9900° W118.4170°	1204 m (3950 ft)	east side of the West Humboldt Range, 22 km south of Lovelock, 66 km NNE of Fallon, valley bottom	<i>Atriplex argentea</i> , <i>A. confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaetadelpha wheeleri</i> , <i>Cryptantha micrantha</i> , <i>Eremocarya sophia</i> , <i>Eremothera boothii</i> , <i>Halogeton glomeratus</i> , <i>Lepidium flavum</i> , <i>Sarcobatus vermiculatus</i> , and <i>Stanleya pinnata</i> .	Common and abundant shrub, sometimes appearing as a perennial herb.	Marc A. Baker	18915	3-Jun-17	with Emily Howe & Cody Mendoza	Lone Rock
SARCOCBATAceae	Churchill	<i>Sarcobatus vermiculatus</i>	(Hook.) Torrey			N39.9900° W118.4170°	1204 m (3950 ft)	east side of the West Humboldt Range, 22 km south of Lovelock, 66 km NNE of Fallon, valley bottom	<i>Atriplex argentea</i> , <i>A. confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaetadelpha wheeleri</i> , <i>Cryptantha micrantha</i> , <i>Eremocarya sophia</i> , <i>Eremothera boothii</i> , <i>Halogeton glomeratus</i> , <i>Lepidium flavum</i> , <i>Stanleya pinnata</i> , and <i>Suaeda nigra</i> .	Common and often abundant mostly yellow-green shrub to 1.5 m tall.	Marc A. Baker	18916	3-Jun-17	with Emily Howe & Cody Mendoza	Lone Rock
ONAGRACEAE	Pershing	<i>Eremothera boothii</i>	(Douglas) W. L. Wagner & Hoch	subsp. <i>alyssoides</i>	(Hook. & Arn.) W. L. Wagner & Hoch	N40.0080° W118.3572°	1220 m (4000 ft)	east side of the West Humboldt Range, 22 km SSE of Lovelock, 7.7 km east of Wildhorse Pass	<i>Atriplex confertifolia</i> scrub with <i>Ambrosia salosa</i> , <i>Descurainia sophia</i> , <i>Ephedra nevadensis</i> , <i>Eriostaur sparsiflorum</i> , <i>Eriogonum rubricaulis</i> , <i>Phacelia glomerata</i> , <i>Lepidium perfoliatum</i> , and <i>Suaeda nigra</i> .	Annual, flowers white, pink with age.	Marc A. Baker	18917	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
ONAGRACEAE	Pershing	<i>Eriogonum rubricaulis</i>	Tidestr.			N40.0080° W118.3572°	1220 m (4000 ft)	east side of the West Humboldt Range, 22 km SSE of Lovelock, 7.7 km east of Wildhorse Pass	<i>Atriplex confertifolia</i> scrub with <i>Ambrosia salosa</i> , <i>Descurainia sophia</i> , <i>Ephedra nevadensis</i> , <i>Eremothera boothii</i> , <i>Eriostaur sparsiflorum</i> , <i>Phacelia glomerata</i> , <i>Lepidium perfoliatum</i> , and <i>Suaeda nigra</i> .	Erect annual, flowers pale yellow.	Marc A. Baker	18918	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
HYDROPHYLACEAE	Pershing	<i>Phacelia glaberrima</i>	(Torrey ex S. Watson) J. T. Howell			N40.0080° W118.3572°	1220 m (4000 ft)	east side of the West Humboldt Range, 22 km SSE of Lovelock, 7.7 km east of Wildhorse Pass	<i>Atriplex confertifolia</i> scrub with <i>Ambrosia salosa</i> , <i>Descurainia sophia</i> , <i>Ephedra nevadensis</i> , <i>Eremothera boothii</i> , <i>Eriostaur sparsiflorum</i> , <i>Eriogonum rubricaulis</i> , <i>Lepidium perfoliatum</i> , and <i>Suaeda nigra</i> .	Locally rather abundant on SE-facing slope; plants dry now, placed in plastic bag with a small amount of water.	Marc A. Baker	18919	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
POLEMONIACEAE	Pershing	<i>Eriostaur sparsiflorum</i>	(Eastwood) H. Mason	var. <i>wilcoxii</i>	(A. Gray) H. Mason	N40.0080° W118.3572°	1220 m (4000 ft)	east side of the West Humboldt Range, 22 km SSE of Lovelock, 7.7 km east of Wildhorse Pass	<i>Atriplex confertifolia</i> scrub with <i>Ambrosia salosa</i> , <i>Descurainia sophia</i> , <i>Ephedra nevadensis</i> , <i>Eremothera boothii</i> , <i>Eriogonum rubricaulis</i> , <i>Phacelia glomerata</i> , <i>Lepidium perfoliatum</i> , and <i>Suaeda nigra</i> .	Common erect annual, flowers white.	Marc A. Baker	18920	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
SOLANACEAE	Churchill	<i>Oryctes nevadensis</i>	S. Watson			N40.0005° W118.3504°	1200 m (3930 ft)	east side of the West Humboldt Range, 23 km SSE of Lovelock, 37 km	<i>Abronia turbinata</i> , <i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>Chylismia clavata</i> , <i>Cleome lutea</i> , <i>Cryptantha circumsissa</i> , <i>Eriogonum maculatum</i> , <i>Gilia campanulata</i> , <i>Halogeton glomeratus</i> , <i>Nama aretioides</i> , <i>Psorothamnus polydenius</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , <i>Suaeda nigra</i> , <i>Tetradymia spinosa</i> , and <i>Tiquilia nuttallii</i> .	Infrequent annual.	Marc A. Baker	18921	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
POLYGONACEAE	Churchill	<i>Eriogonum maculatum</i>	Heller			N40.0005° W118.3504°	1200 m (3930 ft)	east side of the West Humboldt Range, 23 km SSE of Lovelock, 37 km ESE of the summit of Ragged Top Mountain, 75 m south of the Pershing line, medium-sized sand on stabilized sand dunes	<i>Abronia turbinata</i> , <i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>Chylismia clavata</i> , <i>Cleome lutea</i> , <i>Cryptantha circumsissa</i> , <i>Gilia campanulata</i> , <i>Halogeton glomeratus</i> , <i>Nama aretioides</i> , <i>Psorothamnus polydenius</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , <i>Suaeda nigra</i> , <i>Tetradymia spinosa</i> , and <i>Tiquilia nuttallii</i> .	Common annual, flowers white.	Marc A. Baker	18922	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
BORAGINACEAE	Churchill	<i>Tiquilia nuttallii</i>	(Hook.) A. Richardson			N40.0005° W118.3504°	1200 m (3930 ft)	east side of the West Humboldt Range, 23 km SSE of Lovelock, 37 km ESE of the summit of Ragged Top Mountain, 75 m south of the Pershing line, medium-sized sand on stabilized sand dunes	<i>Abronia turbinata</i> , <i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>Chylismia clavata</i> , <i>Cleome lutea</i> , <i>Cryptantha circumsissa</i> , <i>Eriogonum maculatum</i> , <i>Gilia campanulata</i> , <i>Halogeton glomeratus</i> , <i>Nama aretioides</i> , <i>Psorothamnus polydenius</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , <i>Suaeda nigra</i> , and <i>Tetradymia spinosa</i> .	Prostrate annual.	Marc A. Baker	18923	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
CLEOMACEAE	Churchill	<i>Cleome lutea</i>	Hooker			N40.0005° W118.3504°	1200 m (3930 ft)	east side of the West Humboldt Range, 23 km SSE of Lovelock, 37 km ESE of the summit of Ragged Top Mountain, 75 m south of the Pershing line, medium-sized sand on stabilized sand dunes	<i>Abronia turbinata</i> , <i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>Chylismia clavata</i> , <i>Cleome lutea</i> , <i>Cryptantha circumsissa</i> , <i>Eriogonum maculatum</i> , <i>Gilia campanulata</i> , <i>Halogeton glomeratus</i> , <i>Nama aretioides</i> , <i>Psorothamnus polydenius</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , <i>Suaeda nigra</i> , <i>Tetradymia spinosa</i> , and <i>Tiquilia nuttallii</i> .	Common erect annual, flowers yellow.	Marc A. Baker	18924	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
BORAGINACEAE	Churchill	<i>Cryptantha circumsissa</i>	(Hook. & Arn.) Rydberg			N40.0005° W118.3504°	1200 m (3930 ft)	east side of the West Humboldt Range, 23 km SSE of Lovelock, 37 km ESE of the summit of Ragged Top Mountain, 75 m south of the Pershing line, medium-sized sand on stabilized sand dunes	<i>Abronia turbinata</i> , <i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>Chylismia clavata</i> , <i>Cleome lutea</i> , <i>Eriogonum maculatum</i> , <i>Gilia campanulata</i> , <i>Halogeton glomeratus</i> , <i>Nama aretioides</i> , <i>Psorothamnus polydenius</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , <i>Suaeda nigra</i> , <i>Tetradymia spinosa</i> , and <i>Tiquilia nuttallii</i> .	Common annual, flowers white.	Marc A. Baker	18925	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
CLEOMACEAE	Pershing	<i>Carsonia sparsifolia</i>	(S. Watson) E. Greene			N40.0034° W118.3459°	1200 m (3930 ft)	east side of the West Humboldt Range, 23 km SSE of Lovelock, 37 km ESE of the summit of Ragged Top Mountain, medium-sized sand on stabilized sand dunes	<i>Abronia turbinata</i> , <i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>Atriplex canescens</i> , <i>Chylismia clavata</i> , <i>Cleome lutea</i> , <i>Cryptantha circumsissa</i> , <i>Eriogonum maculatum</i> , <i>Gilia campanulata</i> , <i>Halogeton glomeratus</i> , <i>Nama aretioides</i> , <i>Psorothamnus polydenius</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , <i>Suaeda nigra</i> , <i>Tetradymia spinosa</i> , and <i>Tiquilia nuttallii</i> .	Annual, flowers very pale yellow.	Marc A. Baker	18926	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
BORAGINACEAE	Pershing	<i>Cryptantha micrantha</i>	(Torrey) I. M. Johnston			N40.0034° W118.3459°	1200 m (3930 ft)	east side of the West Humboldt Range, 23 km SSE of Lovelock, 37 km ESE of the summit of Ragged Top Mountain, medium-sized sand on stabilized sand dunes	<i>Abronia turbinata</i> , <i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>Atriplex canescens</i> , <i>Carsonia sparsifolia</i> , <i>Chylismia clavata</i> , <i>Cleome lutea</i> , <i>Cryptantha circumsissa</i> , <i>Eriogonum maculatum</i> , <i>Gilia campanulata</i> , <i>Halogeton glomeratus</i> , <i>Nama aretioides</i> , <i>Psorothamnus polydenius</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , <i>Suaeda nigra</i> , <i>Tetradymia spinosa</i> , and <i>Tiquilia nuttallii</i> .	Annual.	Marc A. Baker	18927	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
POLEMONIACEAE	Pershing	<i>Aliciella lottiae</i>	(A. G. Day) J. M. Porter			N40.0034° W118.3459°	1200 m (3930 ft)	east side of the West Humboldt Range, 23 km SSE of Lovelock, 37 km ESE of the summit of Ragged Top Mountain, medium-sized sand on stabilized sand dunes	<i>Abronia turbinata</i> , <i>Astragalus geyeri</i> , <i>Atriplex canescens</i> , <i>Carsonia sparsifolia</i> , <i>Chylismia clavata</i> , <i>Cleome lutea</i> , <i>Cryptantha circumsissa</i> , <i>Eriogonum maculatum</i> , <i>Gilia campanulata</i> , <i>Halogeton glomeratus</i> , <i>Nama aretioides</i> , <i>Psorothamnus polydenius</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , <i>Suaeda nigra</i> , <i>Tetradymia spinosa</i> , and <i>Tiquilia nuttallii</i> .	Annual, flowers white.	Marc A. Baker	18927.1	3-Jun-17	with Emily Howe & Cody Mendoza	Wildhorse Spring
POLYGONACEAE	Pershing	<i>Eriogonum heermannii</i>	Dur. & Hilg.	var. <i>humilis</i>	(S. Stokes) Reveal	N40.0578° W118.3049°	1262 m (4140 ft)	east side of the West Humboldt Range, 20km SE of Lovelock, 2.9 km ENE of Wildhorse Spring, very pale gray-brown silt	<i>Atriplex confertifolia</i> scrub with <i>Artemisia spinescens</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Lepidium flavum</i> , <i>L. perfoliatum</i> , <i>Poa secunda</i> , and <i>Sarcobatus baileyi</i> .	Several individuals locally, mostly on exposed bedrock.	Marc A. Baker	18929	3-Jun-17		
ONAGRACEAE	Churchill	<i>Eremothera boothii</i>	(Douglas) W. L. Wagner & Hoch	subsp. <i>alyssoides</i>	(Hook. & Arn.) W. L. Wagner & Hoch	N39.9055° W118.2209°	1204 m (3950 ft)	Just east of the Carson Sink, 10km ENE of Lone Rock, 68 km NE of Fallon, gravel of small runoff	<i>Sarcobatus vermiculatus</i> scrub with <i>Artemisia spinescens</i> , <i>Artemisia tridentata</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Eremopyrum triticeum</i> , <i>Eriostaur sparsiflorum</i> , <i>Lepidium perfoliatum</i> , <i>Poa secunda</i> , and <i>Suaeda nigra</i> .	Annual, flowers white to pink.	Marc A. Baker	18930	4-Jun-17		Buena Vista Hills South
POLEMONIACEAE	Churchill	<i>Gilia campanulata</i>	A. Gray			N39.9056° W118.2280°	1213 m (3980 ft)	Just east of the Carson Sink, 10km ENE of Lone Rock, 68 km NE of Fallon, ridge of stabilized dunes, pale fine sand	<i>Atriplex canescens</i> , <i>Carsonia sparsifolia</i> , <i>Chylismia claviformis</i> , <i>Gilia campanulata</i> , <i>Halogeton glomeratus</i> , <i>Nama aretioides</i> , <i>Psorothamnus polydenius</i> , <i>Sarcobatus vermiculatus</i> , <i>Stutzia covillei</i> , and <i>Suaeda nigra</i> .	Common and abundant annual, flowers white.	Marc A. Baker	18931	4-Jun-17		Buena Vista Hills South
ONAGRACEAE	Churchill	<i>Chylismia claviformis</i>	(Torrey & Frémont) H. Heller	subsp. <i>integra</i>	(P. H. Raven) W. L. Wagner & Hoch	N39.9056° W118.2280°	1213 m (3980 ft)	Just east of the Carson Sink, 10km ENE of Lone Rock, 68 km NE of Fallon, ridge of stabilized dunes, pale fine sand	<i>Atriplex canescens</i> , <i>Carsonia sparsifolia</i> , <i>Chylismia claviformis</i> , <i>Gilia campanulata</i> , <i>Halogeton glomeratus</i> , <i>Nama aretioides</i> , <i>Psorothamnus polydenius</i> , <i>Sarcobatus vermiculatus</i> , <i>Stutzia covillei</i> , and <i>Suaeda nigra</i> .	Common annual, flowers white, aging pink.	Marc A. Baker	18932	4-Jun-17		Buena Vista Hills South
CHENOPodiaceae	Churchill	<i>Atriplex canescens</i>	(Pursh) Nuttall	var. <i>laciniata</i>	Parish	N39.9056° W118.2280°	1213 m (3980 ft)	Just east of the Carson Sink, 10km ENE of Lone Rock, 68 km NE of Fallon, ridge of stabilized dunes, pale fine sand	<i>Carsonia sparsifolia</i> , <i>Chylismia claviformis</i> , <i>Gilia campanulata</i> , <i>Sarcobatus vermiculatus</i> , <i>Stutzia covillei</i> , and <i>Suaeda nigra</i> .	Common gray-green shrub, generally less than 1 m tall.	Marc A. Baker	18933	4-Jun-17		Buena Vista Hills South
ASTERACEAE	Churchill	<i>Tetradymia glabrata</i>	Torrey & A. Gray			N39.6357° W118.2977°	1427 m (4680 ft)	Stillwater Range, West Job Canyon, 45 km NE of Fallon, large south-facing volcanic rock outcropping	<i>Abronia turbinata</i> , <i>Atriplex confertifolia</i> , <i>Brickellia microphylla</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>E. inflatum</i> , <i>Grindelia spinosissima</i> , <i>Gutierrezia sarothrae</i> , <i>Lepidium fremontii</i> , <i>Lupinus pusillus</i> , <i>Oenothera caespitosa</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa speciosa</i> , and <i>Tetradymia glabrata</i> .	Common shrub.	Marc A. Baker	18934	4-Jun-17	with Emily Howe & Cody Mendoza	Cox Canyon
ASTERACEAE	Churchill	<i>Gutierrezia sarothrae</i>	(Pursh) Britton & Rusby			N39.6357° W118.2977°	1427 m (4680 ft)	Stillwater Range, West Job Canyon, 45							

Appendix B: Herbarium Voucher Database

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
POACEAE	Churchill	<i>Hordeum murinum</i>	L.			N39.6954° W118.0794°	1042 m (3418 ft)	Dixie Valley, 140 m NE of the intersection of Ellis Lane and Settlement Road, 64 km ENE of Fallon, 17 km NE of the summit of Job Peak, wetland in valley bottom	<i>Atriplex canescens</i> , <i>A. torreyi</i> , <i>Bassia hyssopifolia</i> , <i>Carex douglasii</i> , <i>Deschampsia danthonioides</i> , <i>Descurainia sophia</i> , <i>Distichlis spicata</i> , <i>Elaeagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Ericameria nauseosa</i> , <i>Erythranthe guttata</i> , <i>Horogium procumbens</i> , <i>Iva axillaris</i> , <i>Juncus biformis</i> , <i>J. mexicanus</i> , <i>Lactuca serriola</i> , <i>Lepidium appelianum</i> , <i>L. perfoliatum</i> , <i>Leymus cinereus</i> , <i>Plagiothallis salicis</i> , <i>Polygonum monspeliacum</i> , <i>Puccinellia distans</i> , <i>Sarcobatus vermiculatus</i> , <i>Sisymbrium altissimum</i> , <i>Spergularia marina</i> , <i>Sporobolus airoides</i> , <i>Suaeda nigra</i> , <i>Typha angustifolia</i> , and <i>Veronica americana</i> .	Annual.	Marc A. Baker	18955	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	Dixie Valley
BRASSICACEAE	Churchill	<i>Lepidium appelianum</i>	Al-Shehbaz			N39.6954° W118.0794°	1042 m (3418 ft)	Dixie Valley, 140 m NE of the intersection of Ellis Lane and Settlement Road, 64 km ENE of Fallon, 17 km NE of the summit of Job Peak, wetland in valley bottom	<i>Atriplex canescens</i> , <i>A. torreyi</i> , <i>Bassia hyssopifolia</i> , <i>Carex douglasii</i> , <i>Deschampsia danthonioides</i> , <i>Descurainia sophia</i> , <i>Distichlis spicata</i> , <i>Elaeagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Ericameria nauseosa</i> , <i>Erythranthe guttata</i> , <i>Horogium procumbens</i> , <i>Iva axillaris</i> , <i>Juncus biformis</i> , <i>J. mexicanus</i> , <i>Lactuca serriola</i> , <i>Lepidium perfoliatum</i> , <i>Leymus cinereus</i> , <i>Plagiothallis salicis</i> , <i>Polygonum monspeliacum</i> , <i>Puccinellia distans</i> , <i>Sarcobatus vermiculatus</i> , <i>Sisymbrium altissimum</i> , <i>Spergularia marina</i> , <i>Sporobolus airoides</i> , <i>Suaeda nigra</i> , <i>Typha angustifolia</i> , and <i>Veronica americana</i> .	Rhizomatous perennial, flowers white.	Marc A. Baker	18956	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	Dixie Valley
POACEAE	Churchill	<i>Poa nevadensis</i>	Vasey & Scribn.			N39.7030° W118.0809°	1038 m (3403 ft)	Dixie Valley, 960 m north of the intersection of Ellis Lane and Settlement Road, 64 km ENE of Fallon, 17 km NE of the summit of Job Peak, wetland in valley bottom	<i>Atriplex canescens</i> , <i>A. torreyi</i> , <i>Bassia hyssopifolia</i> , <i>Carex douglasii</i> , <i>Deschampsia danthonioides</i> , <i>Descurainia sophia</i> , <i>Distichlis spicata</i> , <i>Elaeagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Ericameria nauseosa</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juncus mexicanus</i> , <i>Lepidium perfoliatum</i> , <i>Leymus cinereus</i> , <i>Poa nevadensis</i> , <i>Polygonum monspeliacum</i> , <i>Puccinellia distans</i> , <i>Sarcobatus vermiculatus</i> , <i>Sisymbrium altissimum</i> , <i>Sporobolus airoides</i> , <i>Suaeda nigra</i> , and <i>Veronica americana</i> .		Marc A. Baker	18957	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	Dixie Valley
POACEAE	Churchill	<i>Distichlis spicata</i>	(L.) E. Greene			N39.7030° W118.0809°	1038 m (3403 ft)	Dixie Valley, 960 m north of the intersection of Ellis Lane and Settlement Road, 64 km ENE of Fallon, 17 km NE of the summit of Job Peak, wetland in valley bottom	<i>Atriplex canescens</i> , <i>A. torreyi</i> , <i>Bassia hyssopifolia</i> , <i>Carex douglasii</i> , <i>Deschampsia danthonioides</i> , <i>Descurainia sophia</i> , <i>Distichlis spicata</i> , <i>Elaeagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Ericameria nauseosa</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juncus mexicanus</i> , <i>Lepidium perfoliatum</i> , <i>Leymus cinereus</i> , <i>Poa nevadensis</i> , <i>Polygonum monspeliacum</i> , <i>Puccinellia distans</i> , <i>Sarcobatus vermiculatus</i> , <i>Sisymbrium altissimum</i> , <i>Sporobolus airoides</i> , <i>Suaeda nigra</i> , and <i>Veronica americana</i> .	Common and abundant rhizomatous perennial	Marc A. Baker	18958	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	Dixie Valley
CYPERACEAE	Churchill	<i>Carex praegracilis</i>	F. Boott			N39.7030° W118.0809°	1038 m (3403 ft)	Dixie Valley, 960 m north of the intersection of Ellis Lane and Settlement Road, 64 km ENE of Fallon, 17 km NE of the summit of Job Peak, wetland in valley bottom	<i>Atriplex canescens</i> , <i>A. torreyi</i> , <i>Bassia hyssopifolia</i> , <i>Carex douglasii</i> , <i>Deschampsia danthonioides</i> , <i>Descurainia sophia</i> , <i>Distichlis spicata</i> , <i>Elaeagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Ericameria nauseosa</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juncus mexicanus</i> , <i>Lepidium perfoliatum</i> , <i>Leymus cinereus</i> , <i>Poa nevadensis</i> , <i>Polygonum monspeliacum</i> , <i>Puccinellia distans</i> , <i>Sarcobatus vermiculatus</i> , <i>Sisymbrium altissimum</i> , <i>Sporobolus airoides</i> , <i>Suaeda nigra</i> , and <i>Veronica americana</i> .	Locally abundant perennial.	Marc A. Baker	18959	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	Dixie Valley
CYPERACEAE	Churchill	<i>Carex praegracilis</i>	F. Boott			N39.7030° W118.0809°	1038 m (3403 ft)	Dixie Valley, 960 m north of the intersection of Ellis Lane and Settlement Road, 64 km ENE of Fallon, 17 km NE of the summit of Job Peak, wetland in valley bottom	<i>Atriplex canescens</i> , <i>A. torreyi</i> , <i>Bassia hyssopifolia</i> , <i>Carex douglasii</i> , <i>Deschampsia danthonioides</i> , <i>Descurainia sophia</i> , <i>Distichlis spicata</i> , <i>Elaeagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Ericameria nauseosa</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juncus mexicanus</i> , <i>Lepidium perfoliatum</i> , <i>Leymus cinereus</i> , <i>Poa nevadensis</i> , <i>Polygonum monspeliacum</i> , <i>Puccinellia distans</i> , <i>Sarcobatus vermiculatus</i> , <i>Sisymbrium altissimum</i> , <i>Sporobolus airoides</i> , <i>Suaeda nigra</i> , and <i>Veronica americana</i> .	Locally abundant perennial.	Marc A. Baker	18960	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	Dixie Valley
CYPERACEAE	Churchill	<i>Schoenoplectus americanus</i>	(Pers.) Volkart ex Schinz & R. Keller			N39.6547° W118.1857°	1310 m (4300 ft)	Job Canyon at the fault line, 9 km NNE of Job Peak, 55 km ENE of Fallon, small stream	<i>Artemisia tridentata</i> , <i>Atriplex confertifolia</i> , <i>Epipactis gigantea</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Juncus mexicanus</i> , <i>J. saximontanus</i> , <i>Melilotus officinalis</i> , <i>Plantago major</i> , <i>Polygonum monspeliacum</i> , <i>P. viridis</i> , <i>Populus fremontii</i> , <i>Salix laevigata</i> , <i>S. exigua</i> , <i>S. exigua</i> , <i>Sonchus oleraceus</i> , and <i>Veronica americana</i> .		Marc A. Baker	18961	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	I X L Canyon
JUNCACEAE	Churchill	<i>Juncus saximontanus</i>	A. Nelson			N39.6547° W118.1857°	1310 m (4300 ft)	Job Canyon at the fault line, 9 km NNE of Job Peak, 55 km ENE of Fallon, small stream	<i>Artemisia tridentata</i> , <i>Atriplex confertifolia</i> , <i>Epipactis gigantea</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Juncus mexicanus</i> , <i>Melilotus officinalis</i> , <i>Plantago major</i> , <i>Polygonum monspeliacum</i> , <i>P. viridis</i> , <i>Populus fremontii</i> , <i>Salix laevigata</i> , <i>S. exigua</i> , <i>S. exigua</i> , <i>Sonchus oleraceus</i> , and <i>Veronica americana</i> .	Infrequent.	Marc A. Baker	18962	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	I X L Canyon
SALICACEAE	Churchill	<i>Populus fremontii</i>	S. Watson	subsp. <i>fremontii</i>		N39.6547° W118.1857°	1310 m (4300 ft)	Job Canyon at the fault line, 9 km NNE of Job Peak, 55 km ENE of Fallon, small stream	<i>Artemisia tridentata</i> , <i>Atriplex confertifolia</i> , <i>Epipactis gigantea</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Juncus mexicanus</i> , <i>Melilotus officinalis</i> , <i>Plantago major</i> , <i>Polygonum monspeliacum</i> , <i>P. viridis</i> , <i>Populus fremontii</i> , <i>Salix laevigata</i> , <i>S. exigua</i> , <i>S. exigua</i> , <i>Sonchus oleraceus</i> , and <i>Veronica americana</i> .		Marc A. Baker	18963	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	I X L Canyon
PLANTAGINACEAE	Churchill	<i>Plantago major</i>	L.			N39.6547° W118.1857°	1310 m (4300 ft)	Job Canyon at the fault line, 9 km NNE of Job Peak, 55 km ENE of Fallon, small stream	<i>Artemisia tridentata</i> , <i>Atriplex confertifolia</i> , <i>Epipactis gigantea</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Juncus mexicanus</i> , <i>Melilotus officinalis</i> , <i>Plantago major</i> , <i>Polygonum monspeliacum</i> , <i>P. viridis</i> , <i>Populus fremontii</i> , <i>Salix laevigata</i> , <i>S. exigua</i> , <i>S. exigua</i> , <i>Sonchus oleraceus</i> , and <i>Veronica americana</i> .		Marc A. Baker	18964	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	I X L Canyon
ORCHIDACEAE	Churchill	<i>Epipactis gigantea</i>	Douglas ex Hooker			N39.6547° W118.1857°	1310 m (4300 ft)	Job Canyon at the fault line, 9 km NNE of Job Peak, 55 km ENE of Fallon, small stream	<i>Artemisia tridentata</i> , <i>Atriplex confertifolia</i> , <i>Epipactis gigantea</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Juncus mexicanus</i> , <i>Melilotus officinalis</i> , <i>Plantago major</i> , <i>Polygonum monspeliacum</i> , <i>P. viridis</i> , <i>Populus fremontii</i> , <i>Salix laevigata</i> , <i>S. exigua</i> , <i>S. exigua</i> , <i>Sonchus oleraceus</i> , and <i>Veronica americana</i> .		Marc A. Baker	18965	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	I X L Canyon
ASTERACEAE	Churchill	<i>Sonchus oleraceus</i>	L.			N39.6547° W118.1857°	1310 m (4300 ft)	Job Canyon at the fault line, 9 km NNE of Job Peak, 55 km ENE of Fallon, small stream	<i>Artemisia tridentata</i> , <i>Atriplex confertifolia</i> , <i>Epipactis gigantea</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Juncus mexicanus</i> , <i>Melilotus officinalis</i> , <i>Plantago major</i> , <i>Polygonum monspeliacum</i> , <i>P. viridis</i> , <i>Populus fremontii</i> , <i>Salix laevigata</i> , <i>S. exigua</i> , <i>S. exigua</i> , <i>Sonchus oleraceus</i> , and <i>Veronica americana</i> .		Marc A. Baker	18966	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	I X L Canyon
SALICACEAE	Churchill	<i>Salix exigua</i>	Nuttall			N39.6547° W118.1857°	1310 m (4300 ft)	Job Canyon at the fault line, 9 km NNE of Job Peak, 55 km ENE of Fallon, small stream	<i>Artemisia tridentata</i> , <i>Atriplex confertifolia</i> , <i>Epipactis gigantea</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Juncus mexicanus</i> , <i>Melilotus officinalis</i> , <i>Plantago major</i> , <i>Polygonum monspeliacum</i> , <i>P. viridis</i> , <i>Populus fremontii</i> , <i>Salix laevigata</i> , <i>S. exigua</i> , <i>S. exigua</i> , <i>Sonchus oleraceus</i> , and <i>Veronica americana</i> .		Marc A. Baker	18967	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	I X L Canyon
POACEAE	Churchill	<i>Polypogon viridis</i>	(Gouan) Breistr.			N39.6547° W118.1857°	1310 m (4300 ft)	Job Canyon at the fault line, 9 km NNE of Job Peak, 55 km ENE of Fallon, small stream	<i>Artemisia tridentata</i> , <i>Atriplex confertifolia</i> , <i>Epipactis gigantea</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Juncus mexicanus</i> , <i>Melilotus officinalis</i> , <i>Plantago major</i> , <i>Polygonum monspeliacum</i> , <i>P. viridis</i> , <i>Populus fremontii</i> , <i>Salix laevigata</i> , <i>S. exigua</i> , <i>S. exigua</i> , <i>Sonchus oleraceus</i> , and <i>Veronica americana</i> .		Marc A. Baker	18968	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	I X L Canyon
POLYGONACEAE	Churchill	<i>Eriogonum pusillum</i>	Torrey & A. Gray			N39.6551° W118.1870°	1315 m (4315 ft)	Job Canyon at the fault line, 9 km NNE of Job Peak, 55 km ENE of Fallon, south-facing slope of granitic silt and sand	<i>Aliciella triodon</i> , <i>Ambrosia salicina</i> , <i>Astragalus serotinus</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Castilleja chromosa</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum deflexum</i> , <i>Grindelia spinosa</i> , <i>Penstemon palmeri</i> , <i>Salvia columbariae</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Flowers pale yellow.	Marc A. Baker	18969	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	I X L Canyon
POLEMONIACEAE	Churchill	<i>Aliciella triodon</i>	(Eastwood) A. Brand			N39.6551° W118.1870°	1315 m (4315 ft)	Job Canyon at the fault line, 9 km NNE of Job Peak, 55 km ENE of Fallon, south-facing slope of granitic silt and sand	<i>Ambrosia salicina</i> , <i>Astragalus serotinus</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Castilleja chromosa</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum deflexum</i> , <i>E. pusillum</i> , <i>Grindelia spinosa</i> , <i>Penstemon palmeri</i> , <i>Salvia columbariae</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Flowers white.	Marc A. Baker	18970	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	I X L Canyon
PLANTAGINACEAE	Churchill	<i>Penstemon palmeri</i>	A. Gray			N39.6551° W118.1870°	1315 m (4315 ft)	Job Canyon at the fault line, 9 km NNE of Job Peak, 55 km ENE of Fallon, south-facing slope of granitic silt and sand	<i>Aliciella triodon</i> , <i>Ambrosia salicina</i> , <i>Astragalus serotinus</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Castilleja chromosa</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum deflexum</i> , <i>E. pusillum</i> , <i>Grindelia spinosa</i> , <i>Penstemon palmeri</i> , <i>Salvia columbariae</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	flowers pale violet-pink, veins darker.	Marc A. Baker	18971	5-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	I X L Canyon
BRASSICACEAE	Churchill														

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
FABACEAE	Churchill	<i>Astragalus iodanthus</i>	S. Watson	var. <i>iodanthus</i>		N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Prostrate.	Marc A. Baker	18978	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Layia glandulosa</i>	(Hook.) Hook. & Arn.			N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	rays white, disk flowers orange-yellow.	Marc A. Baker	18979	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Crepis runcinata</i>	(James) Torrey & A. Gray	var. <i>imbricata</i>	(Babc. & Stebbins) M. Peck	N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Flowers yellow.	Marc A. Baker	18980	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
POLEMONIACEAE	Churchill	<i>Linanthus pungens</i>	(Torrey) J. M. Porter & L. A. Johnson			N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	On rocky outcropping.	Marc A. Baker	18981	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
PLANTAGINACEAE	Churchill	<i>Penstemon speciosus</i>	Douglas ex Lindley			N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Flowers pale lavender, blue toward apices.	Marc A. Baker	18983	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
BRASSICACEAE	Churchill	<i>Caulanthus pilosus</i>	S. Watson			N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Flowers purple, darker inside.	Marc A. Baker	18984	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
POACEAE	Churchill	<i>Festuca ovina</i>	L.	var. <i>rydbergii</i>	St.-Yves	N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .		Marc A. Baker	18985	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
FABACEAE	Churchill	<i>Lupinus argenteus</i>	Pursh	var. <i>argenteus</i>		N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Flowers blue-lavender, leaves gray-green.	Marc A. Baker	18986	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
GROSSULARIACEAE	Churchill	<i>Ribes velutinum</i>	E. Greene			N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Shrub, branches sometimes appearing unarmed, without thorns.	Marc A. Baker	18987	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
POLEMONIACEAE	Churchill	<i>Phlox longifolia</i>	Nuttall			N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Flowers pale pink.	Marc A. Baker	18988	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
FABACEAE	Churchill	<i>Astragalus newberryi</i>	A. Gray	var. <i>castoreus</i>	M. E. Jones	N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .		Marc A. Baker	18989	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
PLANTAGINACEAE	Churchill	<i>Penstemon deustus</i>	Lindley	var. <i>pedicellatus</i>	M. E. Jones	N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Yellow-green shrub, flowers very pale green-yellow.	Marc A. Baker	18990	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Chaenactis douglasii</i>	(Hook.) Hook. & Arn.			N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Perennial herb, flowers white.	Marc A. Baker	18991	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Erigeron aphanactis</i>	(A. Gray) E. Greene	var. <i>aphanactis</i>		N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum caespitosum</i> , <i>Festuca ovina</i> , <i>Gallium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .		Marc A. Baker	18992	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
LOASACEAE	Churchill	<i>Mentzelia albicaulis</i>	(Douglas) Douglas ex Torrey & A. Gray			N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirs</i>						

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_LonCoordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
RUBIACEAE	Churchill	<i>Gaulium multiflorum</i>	Kellogg			N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum cespitosum</i> , <i>Festuca ovina</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Small shrub.	Marc A. Baker	18993	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Cirsium occidentale</i>	(Nuttall) Jepson	var. <i>candidissimum</i>	(E. Greene) J. F. Macbride	N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum cespitosum</i> , <i>Festuca ovina</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Flowers pink-red.	Marc A. Baker	18994	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
ONAGRACEAE	Churchill	<i>Gayophytum ramosissima</i>	Torrey & A. Gray			N39.6540° W118.2335°	1963 m (6440 ft)	north fork of East Job Canyon, 8 km north of the summit of Job Peak, 50km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum cespitosum</i> , <i>Festuca ovina</i> , <i>Galium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Flowers white.	Marc A. Baker	18995	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Media gracilis</i>	(Sm.) D. D. Keck			N39.6538° W118.2242°	1760 m (5780 ft)	ridge between the north and south fork of East Job Canyon, 8 km north of the summit of Job Peak, 52 km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus filipes</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum cespitosum</i> , <i>Festuca ovina</i> , <i>Galium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Microsteris gracilis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Flowers yellow.	Marc A. Baker	18996	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
POLEMONIACEAE	Churchill	<i>Microsteris gracilis</i>	(Hook.) E. Greene			N39.6538° W118.2242°	1760 m (5780 ft)	ridge between the north and south fork of East Job Canyon, 8 km north of the summit of Job Peak, 52 km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus filipes</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum cespitosum</i> , <i>Festuca ovina</i> , <i>Galium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .		Marc A. Baker	18997	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
FABACEAE	Churchill	<i>Astragalus filipes</i>	Torrey ex A. Gray			N39.6538° W118.2242°	1760 m (5780 ft)	ridge between the north and south fork of East Job Canyon, 8 km north of the summit of Job Peak, 52 km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum cespitosum</i> , <i>Festuca ovina</i> , <i>Galium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Media gracilis</i> , <i>Mentzelia albicaulis</i> , <i>Microsteris gracilis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Gray-green shrub, fruits pendant.	Marc A. Baker	18998	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
GROSSULARIACEAE	Churchill	<i>Ribes velutinum</i>	E. Greene			N39.6538° W118.2242°	1760 m (5780 ft)	ridge between the north and south fork of East Job Canyon, 8 km north of the summit of Job Peak, 52 km ENE of Fallon	<i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Astragalus filipes</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis douglasii</i> , <i>Cirsium occidentale</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum aphanactis</i> , <i>Eriogonum cespitosum</i> , <i>Festuca ovina</i> , <i>Galium multiflorum</i> , <i>Gayophytum ramosissimum</i> , <i>Layia glandulosa</i> , <i>Linanthus pungens</i> , <i>Lupinus argenteus</i> , <i>Media gracilis</i> , <i>Mentzelia albicaulis</i> , <i>Microsteris gracilis</i> , <i>Penstemon deustus</i> , <i>P. speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Ribes velutinum</i> .	Common shrub.	Marc A. Baker	18999	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
ROSACEAE	Churchill	<i>Prunus andersonii</i>	A. Gray			N39.6548°+142:287 W118.2218°	1637 m (5370 ft)	north fork of East Job Canyon, 8.1 km north of the summit of Job Peak, 52 km ENE of Fallon;	Small seep and surrounding hillsides within <i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Castilleja chromosa</i> , <i>Chaenactis douglasii</i> , <i>Boeckera retrofracta</i> , <i>Calochortus bruneanus</i> , <i>Crepis runcinata</i> , <i>Diteria canescens</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Leymus cinereus</i> , <i>Mentzelia albicaulis</i> , <i>Poa secunda</i> , <i>Populus fremontii</i> , <i>Rosa woodsii</i> , and <i>Salix exigua</i> .	Common shrub.	Marc A. Baker	19000	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
SALICACEAE	Churchill	<i>Salix exigua</i>	Nuttall			N39.6548° W118.2218°	1637 m (5370 ft)	north fork of East Job Canyon, 8.1 km north of the summit of Job Peak, 52 km ENE of Fallon;	Small seep and surrounding hillsides within <i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Castilleja chromosa</i> , <i>Chaenactis douglasii</i> , <i>Boeckera retrofracta</i> , <i>Calochortus bruneanus</i> , <i>Crepis runcinata</i> , <i>Diteria canescens</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Leymus cinereus</i> , <i>Mentzelia albicaulis</i> , <i>Poa secunda</i> , <i>Populus fremontii</i> , <i>Prunus andersonii</i> , <i>Rosa woodsii</i> .		Marc A. Baker	19001	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
BRASSICACEAE	Churchill	<i>Boeckera retrofracta</i>	(Graham) A. Löve & D. Löve			N39.6548° W118.2218°	1637 m (5370 ft)	north fork of East Job Canyon, 8.1 km north of the summit of Job Peak, 52 km ENE of Fallon;	Small seep and surrounding hillsides within <i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Castilleja chromosa</i> , <i>Chaenactis douglasii</i> , <i>Calochortus bruneanus</i> , <i>Crepis runcinata</i> , <i>Diteria canescens</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Leymus cinereus</i> , <i>Mentzelia albicaulis</i> , <i>Poa secunda</i> , <i>Populus fremontii</i> , <i>Prunus andersonii</i> , <i>Rosa woodsii</i> , and <i>Salix exigua</i> .		Marc A. Baker	19002	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Dieteria canescens</i>	(Pursh) Nuttall	var. <i>leucanthemifolia</i>	D. R. Morgan & R. L. Hartm.	N39.6548° W118.2218°	1637 m (5370 ft)	north fork of East Job Canyon, 8.1 km north of the summit of Job Peak, 52 km ENE of Fallon;	Small seep and surrounding hillsides within <i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Castilleja chromosa</i> , <i>Chaenactis douglasii</i> , <i>Boeckera retrofracta</i> , <i>Calochortus bruneanus</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Leymus cinereus</i> , <i>Mentzelia albicaulis</i> , <i>Poa secunda</i> , <i>Populus fremontii</i> , <i>Prunus andersonii</i> , <i>Rosa woodsii</i> , and <i>Salix exigua</i> .	Ray flowers lavender, disc flowers orange-yellow.	Marc A. Baker	19003	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
LILIACEAE	Churchill	<i>Calochortus bruneanus</i>	A. Nelson & J. F. Macbride			N39.6548° W118.2218°	1637 m (5370 ft)	north fork of East Job Canyon, 8.1 km north of the summit of Job Peak, 52 km ENE of Fallon;	Small seep and surrounding hillsides within <i>Pinus monophylla</i> /Artemisia tridentata scrub with <i>Castilleja chromosa</i> , <i>Chaenactis douglasii</i> , <i>Boeckera retrofracta</i> , <i>Calochortus bruneanus</i> , <i>Crepis runcinata</i> , <i>Diteria canescens</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Leymus cinereus</i> , <i>Mentzelia albicaulis</i> , <i>Poa secunda</i> , <i>Populus fremontii</i> , <i>Prunus andersonii</i> , <i>Rosa woodsii</i> , and <i>Salix exigua</i> .	Petals white with a dark purple crescent above the gland and a broader paler crescent above the darker one, membrane of gland covered with yellow hairs.	Marc A. Baker	19004	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
EUPHORBIACEAE	Churchill	<i>Euphorbia glyptosperma</i>	(Engelmann) Small			N39.6515° W118.2079°	1440 m (4720 ft)	Job Canyon, 8 km NNE of the summit of Job Peak, 52 km ENE of Fallon;	<i>Artemisia tridentata</i> scrub with <i>Amaranthus albus</i> , <i>Ambrosia salsa</i> , <i>Atriplex canescens</i> , <i>Ephedra nevadensis</i> , <i>Eriostaur sparsiflorum</i> , <i>Castilleja chromosa</i> , <i>Diteria canescens</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Grindelia spinosa</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon palmeri</i> , <i>Poa secunda</i> , <i>Prunus andersonii</i> , and <i>Tetradymia glabrata</i> .	Prostrate annual in dirt road.	Marc A. Baker	19005	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
AMARANTHACEAE	Churchill	<i>Amaranthus albus</i>	L.			N39.6515° W118.2079°	1440 m (4720 ft)	Job Canyon, 8 km NNE of the summit of Job Peak, 52 km ENE of Fallon;	<i>Artemisia tridentata</i> scrub with <i>Ambrosia salsa</i> , <i>Atriplex canescens</i> , <i>Ephedra nevadensis</i> , <i>Eriostaur sparsiflorum</i> , <i>Euphorbia glyptosperma</i> , <i>Castilleja chromosa</i> , <i>Diteria canescens</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Grindelia spinosa</i> , <i>Mentzelia albicaulis</i> , <i>Penstemon palmeri</i> , <i>Poa secunda</i> , <i>Prunus andersonii</i> , and <i>Tetradymia glabrata</i> .	Erect annual in dirt road.	Marc A. Baker	19006	6-Jun-17	with Michelle Cloud-Hughes	I XL Canyon
PLANTAGINACEAE	Churchill	<i>Penstemon humilis</i>	Nuttall ex A. Gray			N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles;	<i>Artemisia tridentata</i> scrub with <i>Agoseris glauca</i> , <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boeckera ignifera</i> , <i>Castilleja chromosa</i> , <i>Caulanthus crassicaulis</i> , <i>Chorizanthe watsoni</i> , <i>Delphinium andersonii</i> , <i>Eriogonum cespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium nudicaule</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Penstemon humilis</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Perennial herb, flowers purple-blue, throat and staminode without hairs.	Marc A. Baker	19007	7-Jun-17	with Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	Camp Creek Canyon
POLEMONIACEAE	Churchill	<i>Linanthus pharaoeoides</i>	(Bentham) E. Greene			N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WW of Desotoy Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles;	<i>Artemisia tridentata</i> scrub with <i>Agoseris glauca</i> , <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boeckera ignifera</i> , <i>Castilleja chromosa</i> , <i>Caulanthus crassicaulis</i> , <i>Chorizanthe watsoni</i> , <i>Delphinium andersonii</i> , <i>Eriogonum cespitosum</i> , <i>E. ovalifolium</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Penstemon humilis</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Erect annual, flowers white, opening in the late evening.	Marc A. Baker	19008	7-Jun-17	with Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	Camp Creek Canyon

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
POLYGONACEAE	Churchill	<i>Chorizanthe watsonii</i>	Torrey & A. Gray			N39.4426° W117.9905°	1780 m (5800 ft)	west slope of the Clan Alpine Mountains, along Bench Creek, 22 km WNW of Desotoya Peak, 67 km east of Fallon, low ridge of volcanic silt, gravel, and cobbles;	<i>Artemisia tridentata</i> scrub with <i>Agoseris glauca</i> , <i>Allium anceps</i> , <i>Astragalus atratus</i> , <i>A. iodanthus</i> , <i>A. newberryi</i> , <i>Boechera lignifera</i> , <i>Castilleja chromosa</i> , <i>Caulanthus crassicaulis</i> , <i>Delphinium austromontanum</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , <i>Linanthus parviflorus</i> , <i>Lomatium foeniculaceum</i> , <i>Lupinus pusillus</i> , <i>Penstemon humilis</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Common yellow-green annual.	Marc A. Baker	19011	7-Jun-17	with Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	Camp Creek Canyon
POACEAE	Churchill	<i>Poa bulbosa</i>	L.			N39.4605° W117.9956°	1823 m (5980 ft)	Clan Alpine Mountains, Bench Creek, 2.7 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Lupinus pusillus</i> , <i>Mimetanthe pilosa</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa secunda</i> , <i>Rosa woodsii</i> , and <i>Veronica peregrina</i> .	Local.	Marc A. Baker	19012	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
CYPERACEAE	Churchill	<i>Carex occidentalis</i>	L. H. Bailey			N39.4605° W117.9956°	1823 m (5980 ft)	Clan Alpine Mountains, Bench Creek, 2.7 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Lupinus pusillus</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa secunda</i> , <i>Rosa woodsii</i> , and <i>Veronica peregrina</i> .	Yellow-green cespitose perennial herb.	Marc A. Baker	19013	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
PHRYMACEAE	Churchill	<i>Mimetanthe pilosa</i>	(Bentham) E. Greene			N39.4605° W117.9956°	1823 m (5980 ft)	Clan Alpine Mountains, Bench Creek, 2.7 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Lupinus pusillus</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa secunda</i> , <i>Rosa woodsii</i> , and <i>Veronica peregrina</i> .	Erect annual, flowers yellow with faint brown-red spots.	Marc A. Baker	19014	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
PLANTAGINACEAE	Churchill	<i>Veronica peregrina</i>	L.	var. <i>xalapensis</i>	(H.B.K.) Pennell	N39.4605° W117.9956°	1823 m (5980 ft)	Clan Alpine Mountains, Bench Creek, 2.7 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Lupinus pusillus</i> , <i>Mimetanthe pilosa</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa secunda</i> , and <i>Rosa woodsii</i> .	Erect, dark green annual, flowers white.	Marc A. Baker	19015	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Gnaphalium palustre</i>	Nuttall			N39.4584° W117.9952°	1819 m (5965 ft)	Clan Alpine Mountains, Bench Creek, 2.7 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Juncus bufonius</i> , <i>Lupinus pusillus</i> , <i>Microsteris gracilis</i> , <i>Mimetanthe pilosa</i> , <i>Monolepis nuttalliana</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa bulbosa</i> , <i>P. secunda</i> , <i>Rosa woodsii</i> , <i>Trifolium cyathiferum</i> , and <i>Veronica peregrina</i> .	Erect to decumbent gray-green annual.	Marc A. Baker	19016	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
FABACEAE	Churchill	<i>Trifolium cyathiferum</i>	Lindley			N39.4584° W117.9952°	1819 m (5965 ft)	Clan Alpine Mountains, Bench Creek, 2.7 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Monolepis nuttalliana</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa bulbosa</i> , <i>P. secunda</i> , <i>Rosa woodsii</i> , and <i>Veronica peregrina</i> .	Flowers white.	Marc A. Baker	19017	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
CHENOPodiaceae	Churchill	<i>Monolepis nuttalliana</i>	(Schult.) E. Greene			N39.4584° W117.9952°	1819 m (5965 ft)	Clan Alpine Mountains, Bench Creek, 2.7 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Juncus bufonius</i> , <i>Lupinus pusillus</i> , <i>Microsteris gracilis</i> , <i>Mimetanthe pilosa</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa bulbosa</i> , <i>P. secunda</i> , <i>Rosa woodsii</i> , <i>Trifolium cyathiferum</i> , and <i>Veronica peregrina</i> .		Marc A. Baker	19018	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ONAGRACEAE	Churchill	<i>Epilobium ciliatum</i>	Raf.			N39.4584° W117.9952°	1819 m (5965 ft)	Clan Alpine Mountains, Bench Creek, 2.7 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Juncus bufonius</i> , <i>Lupinus pusillus</i> , <i>Microsteris gracilis</i> , <i>Mimetanthe pilosa</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa bulbosa</i> , <i>P. secunda</i> , <i>Rosa woodsii</i> , <i>Trifolium cyathiferum</i> , and <i>Veronica peregrina</i> .	Flower white to pale pink.	Marc A. Baker	19019	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
JUNCACEAE	Churchill	<i>Juncus bufonius</i>	L.			N39.4584° W117.9952°	1819 m (5965 ft)	Clan Alpine Mountains, Bench Creek, 2.7 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Lupinus pusillus</i> , <i>Microsteris gracilis</i> , <i>Mimetanthe pilosa</i> , <i>Monolepis nuttalliana</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa bulbosa</i> , <i>P. secunda</i> , <i>Rosa woodsii</i> , <i>Trifolium cyathiferum</i> , and <i>Veronica peregrina</i> .		Marc A. Baker	19020	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
POLEMONIACEAE	Churchill	<i>Microsteris gracilis</i>	(Hook.) E. Greene			N39.4584° W117.9952°	1819 m (5965 ft)	Clan Alpine Mountains, Bench Creek, 2.7 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Juncus bufonius</i> , <i>Lupinus pusillus</i> , <i>Mimetanthe pilosa</i> , <i>Monolepis nuttalliana</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa bulbosa</i> , <i>P. secunda</i> , <i>Rosa woodsii</i> , <i>Trifolium cyathiferum</i> , and <i>Veronica peregrina</i> .	Flowers pale lavender-pink.	Marc A. Baker	19021	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ROSACEAE	Churchill	<i>Rosa woodsii</i>	Lindley			N39.4550° W117.9961°	1810 m (5935 ft)	Clan Alpine Mountains, Bench Creek, 2.5 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Juncus bufonius</i> , <i>Lupinus pusillus</i> , <i>Mimetanthe pilosa</i> , <i>Monolepis nuttalliana</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa bulbosa</i> , <i>P. secunda</i> , <i>Trifolium cyathiferum</i> , and <i>Veronica peregrina</i> .	Flowers pink.	Marc A. Baker	19022	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
POLYGONACEAE	Churchill	<i>Eriogonum umbellatum</i>	Torrey	var. <i>nevadense</i>	Gandoger	N39.4550° W117.9961°	1810 m (5935 ft)	Clan Alpine Mountains, Bench Creek, 2.5 km east of the summit of Round Mountain, 67 km east of Fallon, dry wash bottom;	<i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Asclepias fascicularis</i> , <i>Bromus tectorum</i> , <i>Carex occidentalis</i> , <i>Chaenactis douglasii</i> , <i>Ephedra nevadensis</i> , <i>Epilobium ciliatum</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Erythranthe guttata</i> , <i>Iva axillaris</i> , <i>Juniperus osteosperma</i> , <i>Juncus bufonius</i> , <i>Lupinus pusillus</i> , <i>Mimetanthe pilosa</i> , <i>Monolepis nuttalliana</i> , <i>Pinus monophylla</i> , <i>Plagiobothrys scouleri</i> , <i>Poa bulbosa</i> , <i>P. secunda</i> , <i>Rosa woodsii</i> , <i>Trifolium cyathiferum</i> , and <i>Veronica peregrina</i> .	On east-facing hillside above wash, flowers pale yellow.	Marc A. Baker	19023	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
EPHEDRACEAE	Churchill	<i>Ephedra viridis</i>	Coville			N39.4515° W117.9996°	1860 m (6100 ft)	Clan Alpine Mountains, just west of Bench Creek, 2.5 km east of the summit of Round Mountain, 67 km east of Fallon, rhyolite outcropping;	<i>Artemisia tridentata</i> , <i>Balsamorhiza sagittata</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , and <i>Stenotus acaulis</i> .	Infrequent shrub.	Marc A. Baker	19024	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
EPHEDRACEAE	Churchill	<i>Ephedra nevadensis</i>	S. Watson			N39.4515° W117.9996°	1860 m (6100 ft)	Clan Alpine Mountains, just west of Bench Creek, 2.5 km east of the summit of Round Mountain, 67 km east of Fallon, rhyolite outcropping;	<i>Artemisia tridentata</i> , <i>Balsamorhiza sagittata</i> , <i>Ephedra viridis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>E. ovalifolium</i> , and <i>Stenotus acaulis</i> .	Common and abundant mostly gray-green shrub.	Marc A. Baker	19025	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Stenotus acaulis</i>	(Nuttall) Nuttall			N39.4515° W117.9996°	1860 m (6100 ft)	Clan Alpine Mountains, just west of Bench Creek, 2.5 km east of the summit of Round Mountain, 67 km east of Fallon, rhyolite outcropping;	<i>Artemisia tridentata</i> , <i>Balsamorhiza sagittata</i> , <i>Ephedra nevadensis</i> , <i>E. viridis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> and <i>E. ovalifolium</i> .	Flowers yellow.	Marc A. Baker	19026	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
POLEMONIACEAE	Churchill	<i>Navarretia breweri</i>	(A. Gray) E. Greene			N39.4554° W118.0009°	1875 m (6150 ft)	Clan Alpine Mountains, just west of Bench Creek, 2.1 km east of the summit of Round Mountain, 67 km east of Fallon, north-facing slope;	<i>Pinus monophylla</i> /Juniperus osteosperma woodland with <i>Antennaria dimorpha</i> , <i>Astragalus atratus</i> , <i>A. newberryi</i> , <i>Calochortus bruneanus</i> , <i>Chorizanthe watsoni</i> , <i>Colomia grandiflora</i> , <i>Crepis laciniata</i> , <i>Eremogone kingii</i> , <i>Erigeron aphanioticus</i> , <i>Lomatium nudicaule</i> , <i>Lomatium foeniculaceum</i> , <i>Navarretia breweri</i> , <i>Phlox hoodii</i> , and <i>Poa secunda</i> .	Annual, flowers yellow.	Marc A. Baker	19028	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
CARYOPHYLLACEAE	Churchill	<i>Eremogone kingii</i>	(S. Watson) ikonn.	var. <i>glabrescens</i>	(S. Watson) Dorn	N39.4554° W118.0009°	1875 m (6150 ft)	Clan Alpine Mountains, just west of Bench Creek, 2.1 km east of the summit of Round Mountain, 67 km east of Fallon, north-facing slope;	<i>Pinus monophylla</i> /Juniperus osteosperma woodland with <i>Antennaria dimorpha</i> , <i>Astragalus atratus</i> , <i>A. newberryi</i> , <i>Calochortus bruneanus</i> , <i>Chorizanthe watsoni</i> , <i>Colomia grandiflora</i> , <i>Crepis laciniata</i> , <i>Eremogone kingii</i> , <i>Erigeron aphanioticus</i> , <i>Lomatium foeniculaceum</i> , <i>Navarretia breweri</i> , <i>Phlox hoodii</i> , and <i>Poa secunda</i> .	Cespitose perennial, flowers white.	M				

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_LonCoordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
BORAGINACEAE	Churchill	<i>Cryptantha flavoculata</i>	(A. Nelson) Payson			N39.4610° W117.9972°	1841 m (6040 ft)	Clan Alpine Mountains, just west of Bench Creek, 2.5 km ENE of the summit of Round Mountain, 67 km ENE of Fallon;	<i>Pinus monophylla/Juniperus osteosperma woodland/Artemisia tridentata scrub with Astragalus iodanthus, A. newberryi, Chrysothamnus viscidiflorus, Elymus elymoides, Ephedra viridis, Ericameria nauseosa, Erigeron ophanactis, Eriogonum cespitosum, Linanthus pungens, Penstemon humilis, Phlox hoodii, P. longifolia, Sphaeralcea grossularifolia, and Toxicoscordion paniculatum.</i>	Local cespitose perennial, to 3 dm broad, leaves gray-green.	Marc A. Baker	19034	7-Jun-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ONAGRACEAE	Churchill	<i>Eremothera boothii</i>	(Douglas) W. L. Wagner & Hoch	var. <i>intermedia</i>	(Munz) W. L. Wagner & Hoch	N39.3534° W118.0992°	1402 m (4600 ft)	Stingaree Valley, 3.7 km NNE of the summit of Chalk Mountain, 60km ESE of Fallon;	<i>Sarcobatus baileyi scrub with Ambrosia salsola, Artemisia spinescens, Atriplex confertifolia, Ephedra nevadensis, Eriogonum nudularium, Euphorbia albomarginata, Graya spinosa, and Grusonia pulchella.</i>	Annual, stems erect to ascending; flowers pale pink, less often white, aging darker.	Marc A. Baker	19035	8-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	West Gate
EUPHORBIACEAE	Churchill	<i>Euphorbia albomarginata</i>	(Torrey & A. Gray) Small			N39.3534° W118.0992°	1402 m (4600 ft)	Stingaree Valley, 3.7 km NNE of the summit of Chalk Mountain, 60km ESE of Fallon;	<i>Sarcobatus baileyi scrub with Ambrosia salsola, Artemisia spinescens, Atriplex confertifolia, Ephedra nevadensis, Eremothera boothii, Eriogonum nudularium, Graya spinosa, and Grusonia pulchella.</i>	Mostly prostrate perennial herb.	Marc A. Baker	19037	8-Jun-17	with Emily Howe, Sarah Ratay, Michelle Cloud-Hughes, & Cody Mendoza	West Gate
POACEAE	Churchill	<i>Stipa thurberiana</i>	Piper			N39.4092° W118.0619°	1902 m (6240 ft)	Clan Alpine Mountains, 450 m west of the summit of Twin Peaks, 62 km ESE of Fallon, small rhyolite canyon;	<i>Pinus monophylla woodland/Artemisia tridentata scrub with Boechera retrofracta, Bromus tectorum, Chrysothamnus viscidiflorus, Crepis runcinata, Elymus elymoides, Eriogonum cespitosum, Gutierrezia sarothrae, Melica stricta, Penstemon humilis, Phlox hoodii, P. longifolia, Poa secunda, and Ribes velutinum.</i>	Cespitose perennial to more than 1 m tall.	Marc A. Baker	19038	8-Jun-17	with Michelle Cloud-Hughes	Wonder Mountain
POACEAE	Churchill	<i>Melica stricta</i>	Bol.			N39.4092° W118.0619°	1902 m (6240 ft)	Clan Alpine Mountains, 450 m west of the summit of Twin Peaks, 62 km ESE of Fallon, small rhyolite canyon;	<i>Pinus monophylla woodland/Artemisia tridentata scrub with Boechera retrofracta, Bromus tectorum, Chrysothamnus viscidiflorus, Crepis runcinata, Elymus elymoides, Eriogonum cespitosum, Gutierrezia sarothrae, Melica stricta, Penstemon humilis, Phlox hoodii, P. longifolia, Poa secunda, and Ribes velutinum, Stipa thurberiana.</i>	Cespitose perennial, 4-6 dm tall.	Marc A. Baker	19039	8-Jun-17	with Michelle Cloud-Hughes	Wonder Mountain
POACEAE	Churchill	<i>Stipa thurberiana</i>	Piper			N39.4092° W118.0619°	1902 m (6240 ft)	Clan Alpine Mountains, 450 m west of the summit of Twin Peaks, 62 km ESE of Fallon, small rhyolite canyon;	<i>Pinus monophylla woodland/Artemisia tridentata scrub with Boechera retrofracta, Bromus tectorum, Chrysothamnus viscidiflorus, Crepis runcinata, Elymus elymoides, Eriogonum cespitosum, Gutierrezia sarothrae, Melica stricta, Penstemon humilis, Phlox hoodii, P. longifolia, Poa secunda, and Ribes velutinum.</i>	Cespitose perennial to more than 1 m tall.	Marc A. Baker	19040	8-Jun-17	with Michelle Cloud-Hughes	Wonder Mountain
BORAGINACEAE	Churchill	<i>Cryptantha gracilis</i>	Osterhout			N39.4045° W118.0591°	2073 m (6800 ft)	Clan Alpine Mountains, 570 m SSW of the summit of Twin Peaks, 62 km ESE of Fallon, NW-facing rhyolite slope;	<i>Pinus monophylla woodland with Arceuthobium divaricatum, Artemisia tridentata, Boechera retrofracta, Bromus tectorum, Crepis runcinata, Elymus elymoides, Erigeron ophanactis, Holodiscus discolor, Juniperus osteosperma, Linanthus pungens, Phlox hoodii, P. longifolia, Poa secunda, and Ribes velutinum.</i>	Infrequent erect annual, flowers white.	Marc A. Baker	19041	8-Jun-17	with Michelle Cloud-Hughes	Wonder Mountain
POLYGONACEAE	Churchill	<i>Eriogonum rubricale</i>	Tidestr.			N39.3316° W118.1136°	1463 m (4800 ft)	Chalk Mountain, 59 km ESE of Fallon, south-facing slope of pale gray-brown silt and very pale rhyolite rocks and gravel;	<i>Very sparse Atriplex confertifolia/Sarcobatus baileyi scrub with Chrysothamnus viscidiflorus, Eriogonum inflatum, E. nudularium, Hilaria jamesii, Ipomopsis polycladon, Opuntia polyacantha, and Stipa speciosa.</i>	Erect annual, flowers pale yellow.	Marc A. Baker	19042	8-Jun-17		West Gate
POLYGONACEAE	Churchill	<i>Eriogonum nudularium</i>	Coville			N39.3316° W118.1136°	1463 m (4800 ft)	Chalk Mountain, 59 km ESE of Fallon, south-facing slope of pale gray-brown silt and very pale rhyolite rocks and gravel;	<i>Very sparse Atriplex confertifolia/Sarcobatus baileyi scrub with Chrysothamnus viscidiflorus, Eriogonum inflatum, E. rubricaulis, Hilaria jamesii, Ipomopsis polycladon, Opuntia polyacantha, and Stipa speciosa.</i>	Flowers pale yellow.	Marc A. Baker	19043	8-Jun-17		West Gate
POLYGONACEAE	Churchill	<i>Eriogonum inflatum</i>	Torrey & Frémont			N39.3316° W118.1136°	1463 m (4800 ft)	Chalk Mountain, 59 km ESE of Fallon, south-facing slope of pale gray-brown silt and very pale rhyolite rocks and gravel;	<i>Very sparse Atriplex confertifolia/Sarcobatus baileyi scrub with Chrysothamnus viscidiflorus, Eriogonum inflatum, E. rubricaulis, Hilaria jamesii, Ipomopsis polycladon, Opuntia polyacantha, and Stipa speciosa.</i>	Flowers yellow.	Marc A. Baker	19044	8-Jun-17		West Gate
POLEMONIACEAE	Churchill	<i>Ipomopsis polycladon</i>	(Torrey) V. Grant			N39.3316° W118.1136°	1463 m (4800 ft)	Chalk Mountain, 59 km ESE of Fallon, south-facing slope of pale gray-brown silt and very pale rhyolite rocks and gravel;	<i>Very sparse Atriplex confertifolia/Sarcobatus baileyi scrub with Chrysothamnus viscidiflorus, Eriogonum inflatum, E. rubricaulis, Hilaria jamesii, Ipomopsis polycladon, Opuntia polyacantha, and Stipa speciosa.</i>	Annual, flowers white.	Marc A. Baker	19046	8-Jun-17		West Gate
BRASSICACEAE	Churchill	<i>Stanleya elata</i>	M. E. Jones.			N39.3024° W118.1282°	1363 m (4470 ft)	2.5 km SSW of the summit of Chalk Mountain, 59 km ESE of Fallon;	<i>Sarcobatus baileyi scrub with Artemisia spinescens, Graya spinosa, Mirabilis alipes, Sphaeralcea ambigua, Stipa hymenoides, and Tetradymia glabrata.</i>	Common perennial herb, flowers yellow, inflorescences generally branching above.	Marc A. Baker	19047	8-Jun-17	with Michelle Cloud-Hughes	Drumm Summit
POLYGONACEAE	Churchill	<i>Eriogonum rubricale</i>	Tidestr.			N39.3202° W118.3116°	1454 m (4770 ft)	south end of Stillwater Range, 22 km SSW of Job Peak, 2.5 km SW of La Plata Canyon, 41 km ESE of Fallon, low hills of loose silt and volcanic rocks and gravel;	<i>Sarcobatus baileyi scrub with Aliciella triodon, Ambrosia salsola, Artemisia spinescens, Astragalus geyeri, Atriplex confertifolia, Bromus tectorum, Chaenactis macrantha, C. stevioides, Chaetadelpha wheeleri, Chrysothamnus viscidiflorus, Chylismia claviformis, Cryptantha circumscissa, Descurainia sophia, Eriastrum sparsiflorum, Eriogonum inflatum, Graya spinosa, Halogetus glomeratus, Hilaria jamesii, Iva axillaris</i>	Erect annual, flowers pale yellow.	Marc A. Baker	19048	9-Jun-17	with Michelle Cloud-Hughes	La Plata
MALVACEAE	Churchill	<i>Sphaeralcea ambigua</i>	A. Gray			N39.3202° W118.3116°	1454 m (4770 ft)	south end of Stillwater Range, 22 km SSW of Job Peak, 2.5 km SW of La Plata Canyon, 41 km ESE of Fallon, low hills of loose silt and volcanic rocks and gravel;	<i>Sarcobatus baileyi scrub with Aliciella triodon, Ambrosia salsola, Artemisia spinescens, Astragalus geyeri, Atriplex confertifolia, Bromus tectorum, Chaenactis macrantha, C. stevioides, Chaetadelpha wheeleri, Chrysothamnus viscidiflorus, Chylismia claviformis, Cryptantha circumscissa, Descurainia sophia, Eriastrum sparsiflorum, Eriogonum inflatum, E. rubricaulis, Graya spinosa, Halogetus glomeratus, Hilaria jamesii, Iva axillaris</i>	Common perennial herb, flowers red-orange.	Marc A. Baker	19049	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
SARCOBATACEAE	Churchill	<i>Sarcobatus baileyi</i>	Coville			N39.3202° W118.3116°	1454 m (4770 ft)	south end of Stillwater Range, 22 km SSW of Job Peak, 2.5 km SW of La Plata Canyon, 41 km ESE of Fallon, low hills of loose silt and volcanic rocks and gravel;	<i>Sarcobatus scrub</i>	Common and abundant shrub to 1 m tall.	Marc A. Baker	19050	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
ASTERACEAE	Churchill	<i>Chaetadelpha wheeleri</i>	A. Gray ex S. Watson			N39.3202° W118.3116°	1454 m (4770 ft)	south end of Stillwater Range, 22 km SSW of Job Peak, 2.5 km SW of La Plata Canyon, 41 km ESE of Fallon, low hills of loose silt and volcanic rocks and gravel;	<i>Sarcobatus baileyi scrub with Aliciella triodon, Ambrosia salsola, Artemisia spinescens, Astragalus geyeri, Atriplex confertifolia, Bromus tectorum, Chaenactis macrantha, C. stevioides, Chaetadelpha wheeleri, Chrysothamnus viscidiflorus, Chylismia claviformis, Cryptantha circumscissa, Descurainia sophia, Eriastrum sparsiflorum, Eriogonum inflatum, E. rubricaulis, Graya spinosa, Halogetus glomeratus, Hilaria jamesii, Iva axillaris</i>	Common gray-green perennial herb, flowers white.	Marc A. Baker	19051	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
POLEMONIACEAE	Churchill	<i>Aliciella triodon</i>	(Eastwood) Brand			N39.3202° W118.3116°	1454 m (4770 ft)	south end of Stillwater Range, 22 km SSW of Job Peak, 2.5 km SW of La Plata Canyon, 41 km ESE of Fallon, low hills of loose silt and volcanic rocks and gravel;	<i>Sarcobatus baileyi scrub with Aliciella triodon, Ambrosia salsola, Artemisia spinescens, Astragalus geyeri, Atriplex confertifolia, Bromus tectorum, Chaenactis macrantha, C. stevioides, Chaetadelpha wheeleri, Chrysothamnus viscidiflorus, Chylismia claviformis, Cryptantha circumscissa, Descurainia sophia, Eriastrum sparsiflorum, Eriogonum inflatum, E. rubricaulis, Graya spinosa, Halogetus glomeratus, Hilaria jamesii, Iva axillaris</i>	Annual, flowers white.	Marc A. Baker	19052	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
FABACEAE	Churchill	<i>Astragalus geyeri</i>	A. Gray	var. <i>geyeri</i>		N39.3202° W118.3116°	1454 m (4770 ft)	south end of Stillwater Range, 22 km SSW of Job Peak, 2.5 km SW of La Plata Canyon, 41 km ESE of Fallon, low hills of loose silt and volcanic rocks and gravel;	<i>Sarcobatus baileyi scrub with Aliciella triodon, Ambrosia salsola, Artemisia spinescens, Astragalus geyeri, Atriplex confertifolia, Bromus tectorum, Chaenactis macrantha, C. stevioides, Chaetadelpha wheeleri, Chrysothamnus viscidiflorus, Chylismia claviformis, Cryptantha circumscissa, Descurainia sophia, Eriastrum sparsiflorum, Eriogonum inflatum, E. rubricaulis, Graya spinosa, Halogetus glomeratus, Hilaria jamesii, Iva axillaris</i>	Common annual.	Marc A. Baker	19053	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
POACEAE	Churchill	<i>Hilaria jamesii</i>	(Torrey) Bentham			N39.3202° W118.3116°	1454 m (4770 ft)	south end of Stillwater Range, 22 km SSW of Job Peak, 2.5 km SW of La Plata Canyon, 41 km ESE of Fallon, low hills of loose silt and volcanic rocks and gravel;	<i>Sarcobatus baileyi scrub with Aliciella triodon, Ambrosia salsola, Artemisia spinescens, Astragalus geyeri, Atriplex confertifolia, Bromus tectorum, Chaenactis macrantha, C. stevioides, Chaetadelpha wheeleri, Chrysothamnus viscidiflorus, Chylismia claviformis, Cryptantha circumscissa, Descurainia sophia, Eriastrum sparsiflorum, Eriogonum inflatum, E. rubricaulis, Graya spinosa, Halogetus glomeratus, Hilaria jamesii, Iva axillaris</i>	Common perennial herb.	Marc A. Baker	19054	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
CLEOMACEAE	Churchill	<i>Cleome hillmanii</i>	A. Nelson	var. <i>hillmanii</i>		N39.3920° W118.3152°	1479 m (4850 ft)	south end of Stillwater Range, 22 km SSW of Job Peak, 2.5 km SW of La Plata Canyon, 41 km ESE of Fallon, low hills of loose silt and volcanic rocks and gravel, south-facing slope		Erect annual, flowers yellow.	Marc A. Baker	19055	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
CHENOPodiaceae	Churchill	<i>Suaeda nigra</i>	(Raf.) J. F. Macbride			N39.3920° W118.3152°	1479 m (4850 ft)	south end of Stillwater Range, 22 km SSW of Job Peak, 2.5 km SW of La Plata Canyon, 41 km ESE of Fallon, low hills of loose silt and volcanic rocks and gravel, south-facing slope		Yellow-green to gray-green shrub, to 3 dm tall.	Marc A. Baker	19056	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
LOASACEAE	Churchill	<i>Mentzelia albicaulis</i>	(Douglas ex Hook.) Douglas ex Torrey & A. Gray			N39.3920° W118.3152°	1479 m (4850 ft)	south end of Stillwater Range, 22 km SSW of Job Peak, 2.5 km SW of La Plata Canyon, 41 km ESE of Fallon, low hills of loose silt and volcanic rocks and gravel, south-facing slope		Annual, flowers passed.	Marc A. Baker	19057	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
POACEAE	Churchill	<i>Poa pratensis</i>	L.			N39.4630° W118.3296°	1950 m (6400 ft)	south end of Stillwater Range, 15.5 km SSW of Job Peak, 1.6 km west of La Plata Canyon, 39 km east of Fallon, wet area around cattle tank;	<i>Eleocharis palustris, E. parishi, Juncus mexicana, Polypogon monspeliensis, Ranunculus cymbalaria, R. crispus, and Taraxacum officinale.</i>	Perennial, spreading by thin rhizomes.	Marc A. Baker	19058	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
CYPERACEAE	Churchill	<i>Eleocharis palustris</i>	(L.) Roemer & Schultes			N39.4630° W118.3296°	1950 m (6400 ft)	south end of Stillwater Range, 15.5 km SSW of Job Peak, 1.6 km west of La Plata Canyon, 39 km east of Fallon, wet area around cattle tank;	<i>Eleocharis palustris, Juncus mexicana, Poa pratensis, Polypogon monspeliensis, Ranunculus cymbalaria, R. crispus, and Taraxacum officinale.</i>	Base of stems purple-red.	Marc A. Baker	19059	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
CYPERACEAE	Churchill	<i>Eleocharis parishii</i>	Britton			N39.4630° W118.3296°	1950 m (6400 ft)	south end of Stillwater Range, 15.5 km SSW of Job Peak, 1.6 km west of La Plata Canyon, 39 km east of Fallon, wet area around cattle tank;	<i>Eleocharis parishii, Juncus mexicana, Poa pratensis, Polyp</i>						

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
OACEAE	Churchill	<i>Blepharidachne kingii</i>	(S. Watson) Hack.			N39.4206° W118.2937°	1610 m (5280 ft)	south end of Stillwater Range, La Plata Canyon, 42 km east of Fallon;	<i>Sarcobatus baileyi</i> scrub with <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaetadelpha wheeleri</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum inflatum</i> , <i>E. rubricaulis</i> , <i>Erodium cicutarium</i> , <i>Hilaria jamesii</i> , <i>Oenothera cespitosa</i> , <i>Patryota annua</i> , <i>Sphaeralcea ambigua</i> , and <i>Tetradymia glabrata</i> .	Common perennial.	Marc A. Baker	19063	9-Jun-17	with Michelle Cloud-Hughes	La Plata Canyon
ASTERACEAE	Churchill	<i>Helianthus anomalus</i>	S. F. Blake			N39.2503° W118.4218°	1210 m (3970 ft)	Salt Wells Basin, 39 km SE of Fallon, sandy valley;	<i>Aliciella lottiae</i> , <i>Atriplex canescens</i> , <i>Chrysanthus viscidiflorus</i> , <i>Cryptantha circumscripta</i> , <i>Friartrum sparsiflora</i> , <i>Krascheninnikovia lanata</i> , <i>Mentzelia albicaulis</i> , <i>Oenothera deltoides</i> , <i>Psorothamnus polydenius</i> , <i>Salsola tragus</i> , <i>Sarcobatus baileyi</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Common perennial.	Marc A. Baker	19064	10-Jun-17	with Michelle Cloud-Hughes	Fourmile Flat
FABACEAE	Churchill	<i>Astragalus iodanthus</i>	S. Watson	var. iodanthus		N39.2292° W118.1300°	1738 m (5700 ft)	2 km ENE of the summit of Fairview Peak, 62 km ESE of Fallon;	low diversity <i>Artemisia tridentata</i> scrub with <i>Chrysanthus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum caespitosum</i> , <i>Graya spinosa</i> , <i>Juniperus osteosperma</i> , and <i>Tetradymia glabrata</i> .	Dark green perennial herb with ascending stems.	Marc A. Baker	19065	10-Jun-17	with Michelle Cloud-Hughes	Bell Canyon
FABACEAE	Churchill	<i>Lupinus argenteus</i>	Pursh	var. heteranthus	(S. Watson) Barneby	N39.2292° W118.1300°	1738 m (5700 ft)	2 km ENE of the summit of Fairview Peak, 62 km ESE of Fallon;	Low diversity <i>Artemisia tridentata</i> scrub with <i>Agropyron desertorum</i> , <i>Astragalus iodanthus</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum caespitosum</i> , <i>Graya spinosa</i> , <i>Juniperus osteosperma</i> , <i>Phlox hoodii</i> , and <i>Tetradymia glabrata</i> .	Flowers violet, blue with age.	Marc A. Baker	19066	10-Jun-17	with Michelle Cloud-Hughes	Bell Canyon
EUPHORBIACEAE	Churchill	<i>Euphorbia polycarpa</i>	Bentham			N39.0836° W118.2049°	1707 m (5600 ft)	just south of Slate Mountain, 11 km ENE of the summit of Big Kasock Mountain, 66 km SE of Fallon, hills of fine brown silt on volcanic rocks and gravel;	<i>Aliciella triodon</i> , <i>Amsinckia tessellata</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Ephedra nevadensis</i> , <i>Eremothera boothii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum deflexum</i> , <i>E. nudilarium</i> , <i>E. pusillus</i> , <i>E. rubricaulis</i> , <i>Gilia salticola</i> , <i>Graya spinosa</i> , <i>Halogenot glomeratus</i> , <i>Hilaria jamesii</i> , <i>Mentzelia albicaulis</i> , <i>Monolepis nuttalliana</i> , <i>Nama aretioides</i> , <i>Plagiobothrys kingii</i> , <i>S</i>	Prostrate and sometimes suberect perennial herb.	Marc A. Baker	19067	10-Jun-17	with Michelle Cloud-Hughes	Slate Mountain
LOASACEAE	Churchill	<i>Mentzelia albicaulis</i>	(Douglas ex Hook.) Douglas ex Torrey & A. Gray			N39.0836° W118.2049°	1707 m (5600 ft)	just south of Slate Mountain, 11 km ENE of the summit of Big Kasock Mountain, 66 km SE of Fallon, hills of fine brown silt on volcanic rocks and gravel;	<i>Aliciella triodon</i> , <i>Amsinckia tessellata</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Ephedra nevadensis</i> , <i>Eremothera boothii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum deflexum</i> , <i>E. nudilarium</i> , <i>E. pusillus</i> , <i>E. rubricaulis</i> , <i>Euphorbia polycarpa</i> , <i>Gilia salticola</i> , <i>Graya spinosa</i> , <i>Halogenot glomeratus</i> , <i>Hilaria jamesii</i> , <i>Mentzelia albicaulis</i> , <i>Monolepis nuttalliana</i> , <i>Nama aretioides</i> , <i>Plagiobothrys kingii</i> , <i>Sp</i>	Mostly erect annual, flowers yellow with orange center.	Marc A. Baker	19068	10-Jun-17	with Michelle Cloud-Hughes	Slate Mountain
BORAGINACEAE	Churchill	<i>Plagiobothrys kingii</i>	(S. Watson) A. Gray	var. harknessii	(E. Greene) Jepson	N39.0836° W118.2049°	1707 m (5600 ft)	just south of Slate Mountain, 11 km ENE of the summit of Big Kasock Mountain, 66 km SE of Fallon, hills of fine brown silt on volcanic rocks and gravel;	<i>Aliciella triodon</i> , <i>Amsinckia tessellata</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Ephedra nevadensis</i> , <i>Eremothera boothii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum deflexum</i> , <i>E. nudilarium</i> , <i>E. pusillus</i> , <i>E. rubricaulis</i> , <i>Euphorbia polycarpa</i> , <i>Gilia salticola</i> , <i>Graya spinosa</i> , <i>Halogenot glomeratus</i> , <i>Hilaria jamesii</i> , <i>Mentzelia albicaulis</i> , <i>Monolepis nuttalliana</i> , <i>Nama aretioides</i> , <i>Sp</i>	Flowers white with an orange center.	Marc A. Baker	19069	10-Jun-17	with Michelle Cloud-Hughes	Slate Mountain
POLYGONACEAE	Churchill	<i>Eriogonum rubricale</i>	Tidestr.			N39.0836° W118.2049°	1707 m (5600 ft)	just south of Slate Mountain, 11 km ENE of the summit of Big Kasock Mountain, 66 km SE of Fallon, hills of fine brown silt on volcanic rocks and gravel;	<i>Aliciella triodon</i> , <i>Amsinckia tessellata</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Ephedra nevadensis</i> , <i>Eremothera boothii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum deflexum</i> , <i>E. nudilarium</i> , <i>E. pusillus</i> , <i>Euphorbia polycarpa</i> , <i>Gilia salticola</i> , <i>Graya spinosa</i> , <i>Halogenot glomeratus</i> , <i>Hilaria jamesii</i> , <i>Mentzelia albicaulis</i> , <i>Monolepis nuttalliana</i> , <i>Nama aretioides</i> , <i>Plagiobothrys kingi</i>	Flowers pale yellow.	Marc A. Baker	19070	10-Jun-17	with Michelle Cloud-Hughes	Slate Mountain
HYDROPHYLACEAE	Churchill	<i>Nama aretioides</i>	Hook. & Arn.) Brand	var. multiflora	(A. Heller) Jepson	N39.0836° W118.2049°	1707 m (5600 ft)	just south of Slate Mountain, 11 km ENE of the summit of Big Kasock Mountain, 66 km SE of Fallon, hills of fine brown silt on volcanic rocks and gravel;	<i>Aliciella triodon</i> , <i>Amsinckia tessellata</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Ephedra nevadensis</i> , <i>Eremothera boothii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum deflexum</i> , <i>E. nudilarium</i> , <i>E. pusillus</i> , <i>E. rubricaulis</i> , <i>Euphorbia polycarpa</i> , <i>Gilia salticola</i> , <i>Graya spinosa</i> , <i>Halogenot glomeratus</i> , <i>Hilaria jamesii</i> , <i>Mentzelia albicaulis</i> , <i>Monolepis nuttalliana</i> , <i>Plagiobothrys kingi</i>	Common prostrate annual, flowers lavender-pink, throat green-yellow.	Marc A. Baker	19071	10-Jun-17	with Michelle Cloud-Hughes	Slate Mountain
POLEMONIACEAE	Churchill	<i>Gilia salticola</i>	Eastwood			N39.0836° W118.2049°	1707 m (5600 ft)	just south of Slate Mountain, 11 km ENE of the summit of Big Kasock Mountain, 66 km SE of Fallon, hills of fine brown silt on volcanic rocks and gravel;	<i>Aliciella triodon</i> , <i>Amsinckia tessellata</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Ephedra nevadensis</i> , <i>Eremothera boothii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum deflexum</i> , <i>E. nudilarium</i> , <i>E. pusillus</i> , <i>E. rubricaulis</i> , <i>Euphorbia polycarpa</i> , <i>Gilia salticola</i> , <i>Graya spinosa</i> , <i>Halogenot glomeratus</i> , <i>Hilaria jamesii</i> , <i>Mentzelia albicaulis</i> , <i>Monolepis nuttalliana</i> , <i>Nama aretioides</i> , <i>Plagiobothrys kingi</i>	Flowers lavender with yellow throat.	Marc A. Baker	19072	10-Jun-17	with Michelle Cloud-Hughes	Slate Mountain
BORAGINACEAE	Churchill	<i>Amsinckia tessellata</i>	A. Gray			N39.0836° W118.2049°	1707 m (5600 ft)	just south of Slate Mountain, 11 km ENE of the summit of Big Kasock Mountain, 66 km SE of Fallon, hills of fine brown silt on volcanic rocks and gravel;	<i>Aliciella triodon</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Ephedra nevadensis</i> , <i>Eremothera boothii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum deflexum</i> , <i>E. nudilarium</i> , <i>E. pusillus</i> , <i>E. rubricaulis</i> , <i>Euphorbia polycarpa</i> , <i>Gilia salticola</i> , <i>Graya spinosa</i> , <i>Halogenot glomeratus</i> , <i>Hilaria jamesii</i> , <i>Mentzelia albicaulis</i> , <i>Monolepis nuttalliana</i> , <i>Nama aretioides</i> , <i>Plagiobothrys kingi</i>	Erect annual, flowers orange-yellow.	Marc A. Baker	19073	10-Jun-17	with Michelle Cloud-Hughes	Slate Mountain
CHENOPodiaceae	Mineral	<i>Atriplex parryi</i>	S. Watson			N38.9620° W118.2398°	1258 m (4125 ft)	17 km ESE of the summit of Rawhide Peak, 73 km SE of Fallon, plain of silt and fine sand;	Low diversity <i>Sarcobatus vermiculatus</i> scrub with <i>Chrysanthus viscidiflorus</i> , <i>Distichlis spicata</i> , <i>Sueda nigra</i> , and <i>Sporobolus airoides</i> .	Common and abundant gray-green shrub.	Marc A. Baker	19074	10-Jun-17	with Michelle Cloud-Hughes	Mount Annie
POACEAE	Mineral	<i>Distichlis spicata</i>	(L.) Greene			N38.9620° W118.2398°	1258 m (4125 ft)	17 km ESE of the summit of Rawhide Peak, 73 km SE of Fallon, plain of silt and fine sand;	Low diversity <i>Sarcobatus vermiculatus</i> scrub with <i>Atriplex parryi</i> , <i>Chrysanthus viscidiflorus</i> , <i>Sueda nigra</i> , and <i>Sporobolus airoides</i> .	Common and abundant rhizomatous perennial.	Marc A. Baker	19075	10-Jun-17	with Michelle Cloud-Hughes	Mount Annie
ASTERACEAE	Nye	<i>Cirsium mohavense</i>	Davidson & Moxley			N38.9311° W118.1821°	1258 m (4125 ft)	Cold Springs, just west of the north end of Fissure Ridge, 23 km SSE of the summit of Rawhide Peak, 79 km SE of Fallon, steep on gentle west-facing slope;	<i>Sarcobatus vermiculatus</i> scrub with <i>Atriplex parryi</i> , <i>Cleomella parviflora</i> , <i>Distichlis spicata</i> , <i>Halogenot glomeratus</i> , <i>Juncus mexicanus</i> , <i>Leymus cinereus</i> , <i>Nitrophila occidentalis</i> , <i>Puccinellia lemmonii</i> , <i>Sporobolus airoides</i> , and <i>Triglochin concinna</i> .	Biennial, flowers white with pale lavender styles.	Marc A. Baker	19076	11-Jun-17	with Michelle Cloud-Hughes	Mount Annie
POACEAE	Nye	<i>Puccinellia lemmonii</i>	(Vasey) Scribner			N38.9311° W118.1821°	1258 m (4125 ft)	Cold Springs, just west of the north end of Fissure Ridge, 23 km SSE of the summit of Rawhide Peak, 79 km SE of Fallon, steep on gentle west-facing slope;	<i>Sarcobatus vermiculatus</i> scrub with <i>Atriplex parryi</i> , <i>Cirsium mohavense</i> , <i>Cleomella parviflora</i> , <i>Distichlis spicata</i> , <i>Halogenot glomeratus</i> , <i>Juncus mexicanus</i> , <i>Leymus cinereus</i> , <i>Nitrophila occidentalis</i> , <i>Puccinellia lemmonii</i> , <i>Sporobolus airoides</i> , and <i>Triglochin concinna</i> .	Cespitose.	Marc A. Baker	19077	11-Jun-17	with Michelle Cloud-Hughes	Mount Annie
POACEAE	Nye	<i>Sporobolus airoides</i>	(Torrey) Torrey			N38.9311° W118.1821°	1258 m (4125 ft)	Cold Springs, just west of the north end of Fissure Ridge, 23 km SSE of the summit of Rawhide Peak, 79 km SE of Fallon, steep on gentle west-facing slope;	<i>Sarcobatus vermiculatus</i> scrub with <i>Atriplex parryi</i> , <i>Cirsium mohavense</i> , <i>Cleomella parviflora</i> , <i>Distichlis spicata</i> , <i>Halogenot glomeratus</i> , <i>Juncus mexicanus</i> , <i>Leymus cinereus</i> , <i>Nitrophila occidentalis</i> , <i>Puccinellia lemmonii</i> , and <i>Triglochin concinna</i> .	Common cespitose perennial.	Marc A. Baker	19078	11-Jun-17	with Michelle Cloud-Hughes	Mount Annie
CHENOPODIACEAE	Nye	<i>Nitrophila occidentalis</i>	(Moq.) S. Watson			N38.9311° W118.1821°	1258 m (4125 ft)	Cold Springs, just west of the north end of Fissure Ridge, 23 km SSE of the summit of Rawhide Peak, 79 km SE of Fallon, steep on gentle west-facing slope;	<i>Sarcobatus vermiculatus</i> scrub with <i>Atriplex parryi</i> , <i>Cirsium mohavense</i> , <i>Cleomella parviflora</i> , <i>Distichlis spicata</i> , <i>Halogenot glomeratus</i> , <i>Juncus mexicanus</i> , <i>Leymus cinereus</i> , <i>Nitrophila occidentalis</i> , <i>Puccinellia lemmonii</i> , <i>Sporobolus airoides</i> , and <i>Triglochin concinna</i> .	Yellow-green perennial herb spreading by dark rhizomes.	Marc A. Baker	19079	11-Jun-17	with Michelle Cloud-Hughes	Mount Annie
CLEOMACEAE	Nye	<i>Cleomella parviflora</i>	A. Gray			N38.9311° W118.1821°	1258 m (4125 ft)	Cold Springs, just west of the north end of Fissure Ridge, 23 km SSE of the summit of Rawhide Peak, 79 km SE of Fallon, steep on gentle west-facing slope;	<i>Sarcobatus vermiculatus</i> scrub with <i>Atriplex parryi</i> , <i>Cirsium mohavense</i> , <i>Cleomella parviflora</i> , <i>Distichlis spicata</i> , <i>Halogenot glomeratus</i> , <i>Juncus mexicanus</i> , <i>Leymus cinereus</i> , <i>Nitrophila occidentalis</i> , <i>Puccinellia lemmonii</i> , <i>Sporobolus airoides</i> , and <i>Triglochin concinna</i> .	Erect annual, flowers yellow.	Marc A. Baker	19080	11-Jun-17	with Michelle Cloud-Hughes	Mount Annie
JUNCAGINACEAE	Nye	<i>Triglochin concinna</i>	Burtt Davy	var. debilis	M. E. Jones	N38.9311° W118.1821°	1258 m (4125 ft)	Cold Springs, just west of the north end of Fissure Ridge, 23 km SSE of the summit of Rawhide Peak, 79 km SE of Fallon, steep on gentle west-facing slope;	<i>Sarcobatus vermiculatus</i> scrub with <i>Atriplex parryi</i> , <i>Cirsium mohavense</i> , <i>Cleomella parviflora</i> , <i>Distichlis spicata</i> , <i>Halogenot glomeratus</i> , <i>Juncus mexicanus</i> , <i>Leymus cinereus</i> , <i>Nitrophila occidentalis</i> , <i>Puccinellia lemmonii</i> , <i>Sporobolus airoides</i> , and <i>Triglochin concinna</i> .	Perennial herb spreading by rhizomes.	Marc A. Baker	19081	11-Jun-17	with Michelle Cloud-Hughes	Mount Annie
CYPERACEAE	Nye	<i>Eleocharis bolanderi</i>	A. Gray			N38.9215° W118.1960°	1255 m (4118 ft)	Gabbs Valley, 22 km ESE of the summit of Rawhide							

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates [WGS84]	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
SANTALACEAE	Churchill	<i>Phoradendron juniperinum</i>	Engelmann ex A. Gray			N39.4979° W117.9773°	2080 m (6820 ft)	Clan Alpine Mountains, 2.5 km north of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon;	<i>Pinus monophylla/Juniperus osteosperma</i> woodland with <i>Arceuthobium divaricatum</i> , <i>Bromus tectorum</i> , <i>Chrysanthus viscidiflorus</i> , <i>Eriogonum ovalifolium</i> , <i>Penstemon humilis</i> , <i>Phlox hoodii</i> , and <i>Poa secunda</i> .	Locally rather abundant.	Marc A. Baker	19112	17-Jul-17		Camp Creek Canyon
PINACEAE	Churchill	<i>Pinus monophylla</i>	Torrey & Frémont			N39.4979° W117.9773°	2080 m (6820 ft)	Clan Alpine Mountains, 2.5 km north of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon;	<i>Pinus monophylla/Juniperus osteosperma</i> woodland with <i>Arceuthobium divaricatum</i> , <i>Bromus tectorum</i> , <i>Chrysanthus viscidiflorus</i> , <i>Eriogonum ovalifolium</i> , <i>Penstemon humilis</i> , <i>Phlox hoodii</i> , <i>Phoradendron juniperinum</i> , and <i>Poa secunda</i> .	Common and abundant monopodial tree to 10 m tall.	Marc A. Baker	19113	17-Jul-17		Camp Creek Canyon
CUPRESSACEAE	Churchill	<i>Juniperus osteosperma</i>	(Torrey) Little			N39.4979° W117.9773°	2080 m (6820 ft)	Clan Alpine Mountains, 2.5 km north of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon;	<i>Pinus monophylla/Juniperus osteosperma</i> woodland with <i>Arceuthobium divaricatum</i> , <i>Bromus tectorum</i> , <i>Chrysanthus viscidiflorus</i> , <i>Eriogonum ovalifolium</i> , <i>Penstemon humilis</i> , <i>Phlox hoodii</i> , <i>Phoradendron juniperinum</i> , and <i>Poa secunda</i> .	Common and often abundant tree with one to two main trunks, generally less than 8 m tall.	Marc A. Baker	19114	17-Jul-17		Camp Creek Canyon
ROSACEAE	Churchill	<i>Prunus virginiana</i>	L.	var. <i>melanocarpa</i>	(A. Nels.) Sarg.	N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Infrequent shrub, apparently resprouted after recent fire.	Marc A. Baker	19115	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Cirsium vulgare</i>	(Savi) Tenore			N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Flowers lavender to dark purple.	Marc A. Baker	19116	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ROSACEAE	Churchill	<i>Potentilla biennis</i>	E. Greene			N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Streamsides, flowers yellow.	Marc A. Baker	19117	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Conyza canadensis</i>	(L.) Cronquist			N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Streamsides, common erect annual.	Marc A. Baker	19118	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
APIACEAE	Churchill	<i>Angelica kingii</i>	(S. Watson) J. M. Coulter & J. N. Rose			N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Infrequent perennial herb, flowers white.	Marc A. Baker	19119	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
CYPERACEAE	Churchill	<i>Carex douglasii</i>	F. Boott			N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Streamsides, rhizomes yellow-brown.	Marc A. Baker	19120	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
JUNCACEAE	Churchill	<i>Juncus longistylis</i>	Torrey			N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Locally rather abundant, streamsides.	Marc A. Baker	19121	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
CYPERACEAE	Churchill	<i>Carex pachystachya</i>	Cham. ex Steudel			N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Streamsides.	Marc A. Baker	19122	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Artemisia ludoviciana</i>	Nuttall	var. <i>incompta</i>	(Nuttall) Cronquist	N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Infrequent aromatic perennial herb.	Marc A. Baker	19123	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Gnaphalium palustre</i>	Nuttall			N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Locally rather abundant annual along stream.	Marc A. Baker	19124	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
CYPERACEAE	Churchill	<i>Eleocharis pauciflora</i>	(Lightf.) Link			N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> , <i>Rum</i> .	Locally abundant perennial, streamsides.	Marc A. Baker	19125	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
URTICACEAE	Churchill	<i>Urtica dioica</i>	L.	var. <i>occidentalis</i>	S. Watson	N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Locally abundant erect perennial herb, to 1.5 m tall.	Marc A. Baker	19126	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
CYPERACEAE	Churchill	<i>Carex pachystachya</i>	Cham. ex Steudel			N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conyza canadensis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrum sparsifolium</i> , <i>Eriogonum baileya</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenerima</i> , <i>Rosa woodsii</i> .	Streamsides.	Marc A. Baker	19127	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
PAPAVERACEAE	Churchill	<i>Argemone munita</i>	Durand & Hilgard	subsp. <i>rotundata</i>	(Rydberg) G. B. Ownbey	N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek,							

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
CHENOPodiaceae	Churchill	<i>Chenopodium album</i>	L.			N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conzya canadenis</i> , <i>Eleocharis pauciflora</i> , <i>Eriastrom sparsiflorum</i> , <i>Eriogonum baileyi</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenuirostris</i> , <i>Rosa woodsii</i> , <i>Rume</i>	Infrequent erect annual, along road.	Marc A. Baker	19133	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
POLEMONIACEAE	Churchill	<i>Eriastrom sparsiflorum</i>	(Eastwood) H. Mason	var. <i>wilcoxii</i>	(A. Gray) H. Mason	N39.4776° W117.9679°	2013 m (6600 ft)	Clan Alpine Mountains, along Bench Creek, 600 m ENE of Bench Creek Ranch Headquarters, 26 km SSW of Mount Grant, 68 km east of Fallon; perennial stream	<i>Agastache urticifolia</i> , <i>Argemone munita</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> , <i>Carex douglasii</i> , <i>C. pachystachya</i> , <i>Chenopodium album</i> , <i>C. leptophyllum</i> , <i>Cirsium vulgare</i> , <i>Conzya canadenis</i> , <i>Eleocharis pauciflora</i> , <i>Eriogonum baileyi</i> , <i>Erodium cicutarium</i> , <i>Gnaphalium palustre</i> , <i>Holodiscus dumosus</i> , <i>Juncus bufonius</i> , <i>Ligusticum porteri</i> , <i>Pinus monophylla</i> , <i>Potentilla biennis</i> , <i>Prunus virginiana</i> , <i>Rorippa tenuirostris</i> , <i>Rosa woodsii</i> , <i>Rume</i>	Infrequent annual, flowers white.	Marc A. Baker	19134	17-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Ericameria nana</i>	Nuttall			N39.3718° W118.0620°	1713 m (5620 ft)	Clan Alpine Mountains, 4 km south of Twin Peaks, 62 km ESE of Fallon, small canyon of metamorphosed granite;	<i>Artemisia tridentata</i> , <i>Brickellia microphylla</i> , <i>B. oblongifolia</i> , <i>Bromus tectorum</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Cirsium occidentale</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Leymus cinereus</i> , <i>Linanthus pungens</i> , <i>Pinus monophylla</i> , <i>Poa secunda</i> , <i>Stipa speciosa</i> , and <i>Symphoricarpos longiflorus</i>	Common on cliff faces, both sides of canyon.	Marc A. Baker	19135	18-Jul-17	with Michelle Cloud-Hughes	West Gate
ASTERACEAE	Churchill	<i>Cirsium occidentale</i>	(Nuttall) Jepson	var. <i>candidissimum</i>	(E. Greene) J. F. Macbride	N39.3718° W118.0620°	1713 m (5620 ft)	Clan Alpine Mountains, 4 km south of Twin Peaks, 62 km ESE of Fallon, small canyon of metamorphosed granite;	<i>Artemisia tridentata</i> , <i>Brickellia microphylla</i> , <i>B. oblongifolia</i> , <i>Bromus tectorum</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Cirsium occidentale</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Leymus cinereus</i> , <i>Linanthus pungens</i> , <i>Pinus monophylla</i> , <i>Poa secunda</i> , <i>Stipa speciosa</i> , and <i>Symphoricarpos longiflorus</i>	Common biennial, flowers pale-purple.	Marc A. Baker	19136	18-Jul-17	with Michelle Cloud-Hughes	West Gate
ASTERACEAE	Churchill	<i>Chrysanthemum viscidiflorus</i>	(Hook.) Nuttall	subsp. <i>puberulus</i>	(D.C. Eaton) H.M. Hall & Clements	N39.3718° W118.0620°	1713 m (5620 ft)	Clan Alpine Mountains, 4 km south of Twin Peaks, 62 km ESE of Fallon, small canyon of metamorphosed granite;	<i>Artemisia tridentata</i> , <i>Brickellia microphylla</i> , <i>B. oblongifolia</i> , <i>Bromus tectorum</i> , <i>Cirsium occidentale</i> , <i>Elymus elymoides</i> , <i>Ericameria nana</i> , <i>E. nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Leymus cinereus</i> , <i>Linanthus pungens</i> , <i>Pinus monophylla</i> , <i>Poa secunda</i> , <i>Stipa speciosa</i> , and <i>Symphoricarpos longiflorus</i>	Common shrub, generally ca. 0.5 m tall, flowers yellow.	Marc A. Baker	19137	18-Jul-17	with Michelle Cloud-Hughes	West Gate
POACEAE	Churchill	<i>Leymus cinereus</i>	(Scribn. & Merr.) A. Löve			N39.3718° W118.0620°	1713 m (5620 ft)	Clan Alpine Mountains, 4 km south of Twin Peaks, 62 km ESE of Fallon, small canyon of metamorphosed granite;	<i>Artemisia tridentata</i> , <i>Brickellia microphylla</i> , <i>B. oblongifolia</i> , <i>Bromus tectorum</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Cirsium occidentale</i> , <i>Elymus elymoides</i> , <i>Ericameria nana</i> , <i>E. nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Leymus cinereus</i> , <i>Linanthus pungens</i> , <i>Pinus monophylla</i> , <i>Poa secunda</i> , <i>Stipa speciosa</i> , and <i>Symphoricarpos longiflorus</i>	North-facing slope at base of cliff.	Marc A. Baker	19138	18-Jul-17	with Michelle Cloud-Hughes	West Gate
ASCLEPIADACEAE	Churchill	<i>Asclepias erosa</i>	Torrey			N39.3743° W118.0641°	1692 m (5550 ft)	Clan Alpine Mountains, 4 km south of Twin Peaks, 62 km ESE of Fallon	<i>Ericameria nauseosa</i> scrub with <i>Brickellia oblongifolia</i> , <i>Ephedra nevadensis</i> , <i>Euphorbia polycarpa</i> , and <i>Stephanomeria pauciflora</i> .	Small colony, ca. 5 m * 10 m, perennial herb to 1.3 m tall; flowers being visited by tarantula wasps; flowers, including horn, white.	Marc A. Baker	19139	18-Jul-17	with Michelle Cloud-Hughes	West Gate
ASTERACEAE	Churchill	<i>Stephanomeria pauciflora</i>	(Torrey) Nelson			N39.3743° W118.0641°	1692 m (5550 ft)	Clan Alpine Mountains, 4 km south of Twin Peaks, 62 km ESE of Fallon,	<i>Ericameria nauseosa</i> scrub with <i>Asclepias erosa</i> , <i>Brickellia oblongifolia</i> , <i>Ephedra nevadensis</i> , and <i>Euphorbia polycarpa</i> .	Infrequent, gray-green, much-branched, mostly herbaceous shrub 3-4 dm tall; flowers pink-lavender, mostly passed.	Marc A. Baker	19140	18-Jul-17	with Michelle Cloud-Hughes	West Gate
SOLANACEAE	Churchill	<i>Nicotiana attenuata</i>	Torrey ex S. Watson			N39.4060° W117.9839°	1668 m (5470 ft)	Clan Alpine Mountains, 34 km SSW of Mount Grant, 68 km ESE of Fallon, wash of coarse sand and gravel	<i>Bromus tectorum</i> , <i>Ericameria nauseosa</i> , and <i>Eriogonum baileyi</i> .	Local population of several individuals along wash, to 1.1 m tall; flowers white.	Marc A. Baker	19141	18-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Iva axillaris</i>	Pursh			N39.4707° W117.9831°	1927 m (6320 ft)	Clan Alpine Mountains, just south of Bench Creek, 900 m SW of the Bench Creek Ranch headquarters; 28 km SSW of Mount Grant, 69 km east of Fallon;	<i>Artemisia tridentata</i> scrub with <i>Bromus tectorum</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Descurainia sophia</i> , <i>Ericameria nauseosa</i> , and <i>Pinus monophylla</i> .	Frequent perennial herb, in dirt road.	Marc A. Baker	19142	18-Jul-17	with Michelle Cloud-Hughes	Camp Creek Canyon
POACEAE	Churchill	<i>Muhlenbergia asperifolia</i>	(Nees & Meyen) Parodi			N39.6801° W118.0508°	1046 m (3430 ft)	Dixie Valley, 19 km NE of Job Peak, 66 km ENE of Fallon, intermittently wet meadow;	<i>Asclepias fascicularis</i> , <i>Carex praegracilis</i> , <i>Cirsium vulgare</i> , <i>Cleomeella plocasperma</i> , <i>Eleagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria albida</i> , <i>E. nauseosa</i> , <i>Juncus mexicanus</i> , <i>Mimulus guttatus</i> , <i>Nasturtium officinale</i> , <i>Polygonum monspeliacum</i> , <i>Sarcobatus vermiculatus</i> , <i>Schoenoplectus americanus</i> , <i>Sporobolus airoides</i> , <i>Trifolium repens</i> , <i>Triglochin concinna</i> , <i>Typha angustifolia</i> , <i>Veronica americana</i> , and <i>Zeltnera exaltata</i> .	Rhizomatous perennial, dry soil.	Marc A. Baker	19143	19-Jul-17	with Michelle Cloud-Hughes	Dixie Valley
CLEOMACEAE	Churchill	<i>Cleomella plocasperma</i>	S. Watson			N39.6801° W118.0508°	1046 m (3430 ft)	Dixie Valley, 19 km NE of Job Peak, 66 km ENE of Fallon, intermittently wet meadow;	<i>Asclepias fascicularis</i> , <i>Carex praegracilis</i> , <i>Cirsium vulgare</i> , <i>Elaeagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria albida</i> , <i>E. nauseosa</i> , <i>Juncus mexicanus</i> , <i>Mimulus guttatus</i> , <i>Muhlenbergia asperifolia</i> , <i>Nasturtium officinale</i> , <i>Polygonum monspeliacum</i> , <i>Sarcobatus vermiculatus</i> , <i>Schoenoplectus americanus</i> , <i>Sporobolus airoides</i> , <i>Trifolium repens</i> , <i>Triglochin concinna</i> , <i>Typha angustifolia</i> , <i>Veronica americana</i> , and <i>Zeltnera exaltata</i> .	Erect annual to 5dm tall, 4 dm broad, flowers pale yellow.	Marc A. Baker	19144	19-Jul-17	with Michelle Cloud-Hughes	Dixie Valley
ASTERACEAE	Churchill	<i>Ericameria nauseosa</i>	(Pallas ex Pursh) G. L. Nesom & G. I. Baird	var. <i>oreophila</i>	(A. Nelson) G. L. Nesom & G. I. Baird	N39.6801° W118.0508°	1046 m (3430 ft)	Dixie Valley, 19 km NE of Job Peak, 66 km ENE of Fallon, intermittently wet meadow;	<i>Asclepias fascicularis</i> , <i>Carex praegracilis</i> , <i>Cirsium vulgare</i> , <i>Cleomeella plocasperma</i> , <i>Eleagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria albida</i> , <i>Juncus mexicanus</i> , <i>Mimulus guttatus</i> , <i>Muhlenbergia asperifolia</i> , <i>Nasturtium officinale</i> , <i>Polygonum monspeliacum</i> , <i>Sarcobatus vermiculatus</i> , <i>Schoenoplectus americanus</i> , <i>Triglochin concinna</i> , <i>Typha angustifolia</i> , <i>Veronica americana</i> , and <i>Zeltnera exaltata</i> .	Common shrub with yellow-green stems, flowers yellow.	Marc A. Baker	19145	19-Jul-17	with Michelle Cloud-Hughes	Dixie Valley
ASTERACEAE	Churchill	<i>Ericameria albida</i>	(M. E. Jones ex A. Gray) L. C. Anderson			N39.6801° W118.0508°	1046 m (3430 ft)	Dixie Valley, 19 km NE of Job Peak, 66 km ENE of Fallon, intermittently wet meadow;	<i>Asclepias fascicularis</i> , <i>Carex praegracilis</i> , <i>Cirsium vulgare</i> , <i>Cleomeella plocasperma</i> , <i>Eleagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria albida</i> , <i>Juncus mexicanus</i> , <i>Mimulus guttatus</i> , <i>Muhlenbergia asperifolia</i> , <i>Nasturtium officinale</i> , <i>Polygonum monspeliacum</i> , <i>Sarcobatus vermiculatus</i> , <i>Schoenoplectus americanus</i> , <i>Sporobolus airoides</i> , <i>Trifolium repens</i> , <i>Triglochin concinna</i> , <i>Typha angustifolia</i> , <i>Veronica americana</i> , and <i>Zeltnera exaltata</i> .	Infrequent shrub 1.2 m tall; flowers white.	Marc A. Baker	19146	19-Jul-17	with Michelle Cloud-Hughes	Dixie Valley
CYPERACEAE	Churchill	<i>Carex praegracilis</i>	W. Boott			N39.6801° W118.0508°	1046 m (3430 ft)	Dixie Valley, 19 km NE of Job Peak, 66 km ENE of Fallon, intermittently wet meadow;	<i>Asclepias fascicularis</i> , <i>Cirsium vulgare</i> , <i>Cleomeella plocasperma</i> , <i>Eleagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria albida</i> , <i>E. nauseosa</i> , <i>Juncus mexicanus</i> , <i>Mimulus guttatus</i> , <i>Muhlenbergia asperifolia</i> , <i>Nasturtium officinale</i> , <i>Polygonum monspeliacum</i> , <i>Sarcobatus vermiculatus</i> , <i>Schoenoplectus americanus</i> , <i>Sporobolus airoides</i> , <i>Trifolium repens</i> , <i>Triglochin concinna</i> , <i>Typha angustifolia</i> , <i>Veronica americana</i> , and <i>Zeltnera exaltata</i> .	Common perennial of both wet and dry (at least at the surface) soil.	Marc A. Baker	19147	19-Jul-17	with Michelle Cloud-Hughes	Dixie Valley
GENTIANACEAE	Churchill	<i>Zeltnera exaltata</i>	(Griseb.) G. Mans.			N39.6801° W118.0508°	1046 m (3430 ft)	Dixie Valley, 19 km NE of Job Peak, 66 km ENE of Fallon, intermittently wet meadow;	<i>Asclepias fascicularis</i> , <i>Carex praegracilis</i> , <i>Cirsium vulgare</i> , <i>Cleomeella plocasperma</i> , <i>Eleagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria albida</i> , <i>E. nauseosa</i> , <i>Juncus mexicanus</i> , <i>Mimulus guttatus</i> , <i>Muhlenbergia asperifolia</i> , <i>Nasturtium officinale</i> , <i>Polygonum monspeliacum</i> , <i>Sarcobatus vermiculatus</i> , <i>Schoenoplectus americanus</i> , <i>Sporobolus airoides</i> , <i>Trifolium repens</i> , <i>Triglochin concinna</i> , <i>Typha angustifolia</i> , <i>Veronica americana</i> , and <i>Zeltnera exaltata</i> .	Erect annual of wet soil, flowers purple-pink.	Marc A. Baker	19148	19-Jul-17	with Michelle Cloud-Hughes	Dixie Valley
JUNCAGINACEAE	Churchill	<i>Triglochin concinna</i>	Burtt Davy			N39.6801° W118.0508°	1046 m (3430 ft)	Dixie Valley, 19 km NE of Job Peak, 66 km ENE of Fallon, intermittently wet meadow;	<i>Asclepias fascicularis</i> , <i>Carex praegracilis</i> , <i>Cirsium vulgare</i> , <i>Cleomeella plocasperma</i> , <i>Eleagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria albida</i> , <i>E. nauseosa</i> , <i>Juncus mexicanus</i> , <i>Mimulus guttatus</i> , <i>Muhlenbergia asperifolia</i> , <i>Nasturtium officinale</i> , <i>Polygonum monspeliacum</i> , <i>Sarcobatus vermiculatus</i> , <i>Schoenoplectus americanus</i> , <i>Sporobolus airoides</i> , <i>Trifolium repens</i> , <i>Triglochin concinna</i> , <i>Typha angustifolia</i> , <i>Veronica americana</i> , and <i>Zeltnera exaltata</i> .	Local perennial herb, wet soil.	Marc A. Baker	19149	19-Jul-17	with Michelle Cloud-Hughes	Dixie Valley
CYPERACEAE	Churchill	<i>Eleocharis parishii</i>	Britton			N39.6801° W118.0508°	1046 m (3430 ft)	Dixie Valley, 19 km NE of Job Peak, 66 km ENE of Fallon, intermittently wet meadow;	<i>Asclepias fascicularis</i> , <i>Carex praegracilis</i> , <i>Cirsium vulgare</i> , <i>Cleomeella plocasperma</i> , <i>Eleagnus angustifolia</i> , <i>Eleocharis palustris</i> , <i>E. parishii</i> , <i>Epilobium ciliatum</i> , <i>Ericameria albida</i> , <i>E. nauseosa</i> , <i>Juncus mexicanus</i> , <i>Mimulus guttatus</i> , <i>Muhlenbergia asperifolia</i> , <i>Nasturtium officinale</i> , <i>Polygonum monspeliacum</i> , <i>Sarcobatus vermiculatus</i> , <i>Schoenoplectus americanus</i> , <i>Sporobolus airoides</i> , <i>Trifolium repens</i> , <i>Triglo</i>						

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_LonCoordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
CHENOPodiaceae	Churchill	<i>Bassia hyssopifolia</i>	(Pallas) Kuntze			N39.6986° W118.0106°	1044 m (3425 ft)	Dixie Valley, 23.5 km NE of the summit of Job Peak, 70km ENE of Fallon; Tamarix ramosissima	Grove with <i>Juncus mexicana</i> and <i>Polygonum monspeliacum</i> .	Annual to 1.3 m tall, in partial shade.	Marc A. Baker	19154	19-Jul-17	with Michelle Cloud-Hughes	Dixie Valley
Asteraceae	Mineral	<i>Chrysanthemum viscidiflorus</i>	(Hooker) Nuttall	subsp. <i>puberulus</i>	(D. C. Eaton) Hall & Clements	N39.0480° W118.3721°	1784 m (5850 ft)	Sand Springs Mountains, 4.1 km WNW of Big Kasock Mountain, 46 km SE of Fallon;	<i>Atriplex tridentata</i> scrub with <i>Atriplex confertifolia</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nana</i> , <i>E. nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Menodora spinescens</i> , and <i>Sarcobatus baileyi</i> .	Common shrub, generally less than 1 m tall; flowers yellow.	Marc A. Baker	19156	20-Jul-17		Big Kasock Mountain
Asteraceae	Mineral	<i>Ericameria nana</i>	Nuttall			N39.0480° W118.3721°	1784 m (5850 ft)	Sand Springs Mountains, 4.1 km WNW of Big Kasock Mountain, 46 km SE of Fallon;	<i>Atriplex tridentata</i> scrub with <i>Atriplex confertifolia</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Menodora spinescens</i> , and <i>Sarcobatus baileyi</i> .	On rocky rhyolite outcropping at base of ravine, west-facing slope; rounded shrub to 4dm tall, as broad.	Marc A. Baker	19156	20-Jul-17		Big Kasock Mountain
Poaceae	Churchill	<i>Agropyron cristatum</i>	(L.) Gaertn.			N39.2272° W118.1514°	2498 m (8195 ft)	Fairview Peak, 250 m NNE of the summit, 60km ESE of Fallon, top of ridge, pink-brown rhyolite rock and gravel;	<i>Artemisia nova</i> scrub with <i>Astragalus newberryi</i> , <i>Atriplex confertifolia</i> , <i>Chenopodium douglasii</i> , <i>Chenopodium leptophyllum</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Ephedra viridis</i> , <i>Eriogonum microthecum</i> , <i>E. ovalifolium</i> , <i>E. umbellatum</i> , <i>Holocoton glomeratus</i> , <i>Juniperus osteosperma</i> , <i>Lupinus argenteus</i> , <i>Monardella glauca</i> , <i>Opuntia erinacea</i> , <i>Pestemon speciosus</i> , <i>Poa secunda</i> , and <i>Stipa hymenoides</i> .	Erect annual; common and often abundant occurring from base of mountain.	Marc A. Baker	19158	20-Jul-17	with Michelle Cloud-Hughes	Bell Canyon
Polygonaceae	Churchill	<i>Eriogonum umbellatum</i>	Torrey	var. <i>nevadensis</i>	Gandoger	N39.2272° W118.1514°	2498 m (8195 ft)	Fairview Peak, 250 m NNE of the summit, 60km ESE of Fallon, top of ridge, pink-brown rhyolite rock and gravel;	<i>Artemisia nova</i> scrub with <i>Agropyron cristatum</i> , <i>Astragalus newberryi</i> , <i>Atriplex confertifolia</i> , <i>Chenopodium douglasii</i> , <i>Chenopodium leptophyllum</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Ephedra viridis</i> , <i>Eriogonum microthecum</i> , <i>E. ovalifolium</i> , <i>Holocoton glomeratus</i> , <i>Juniperus osteosperma</i> , <i>Lupinus argenteus</i> , <i>Monardella glauca</i> , <i>Opuntia erinacea</i> , <i>Pestemon speciosus</i> , <i>Poa secunda</i> , and <i>Stipa hymenoides</i> .	Locally abundant on east-facing slope, flowers yellow.	Marc A. Baker	19159	20-Jul-17	with Michelle Cloud-Hughes	Bell Canyon
Lamiaceae	Churchill	<i>Monardella glauca</i>	E. Greene			N39.2272° W118.1514°	2498 m (8195 ft)	Fairview Peak, 250 m NNE of the summit, 60km ESE of Fallon, top of ridge, pink-brown rhyolite rock and gravel;	<i>Artemisia nova</i> scrub with <i>Agropyron cristatum</i> , <i>Astragalus newberryi</i> , <i>Atriplex confertifolia</i> , <i>Chenopodium douglasii</i> , <i>Chenopodium leptophyllum</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Ephedra viridis</i> , <i>Eriogonum microthecum</i> , <i>E. ovalifolium</i> , <i>E. umbellatum</i> , <i>Holocoton glomeratus</i> , <i>Juniperus osteosperma</i> , <i>Lupinus argenteus</i> , <i>Monardella glauca</i> , <i>Opuntia erinacea</i> , <i>Pestemon speciosus</i> , <i>Poa secunda</i> , and <i>Stipa hymenoides</i> .	Locally abundant on east-facing slope; foliage with fragrance of <i>Mentha spicata</i> ; flowers lavender.	Marc A. Baker	19160	20-Jul-17	with Michelle Cloud-Hughes	Bell Canyon
Chenopodiaceae	Churchill	<i>Chenopodium leptophyllum</i>	(Moq.) Nuttall			N39.2272° W118.1514°	2498 m (8195 ft)	Fairview Peak, 250 m NNE of the summit, 60km ESE of Fallon, top of ridge, pink-brown rhyolite rock and gravel;	<i>Artemisia nova</i> scrub with <i>Agropyron cristatum</i> , <i>Astragalus newberryi</i> , <i>Atriplex confertifolia</i> , <i>Chenopodium douglasii</i> , <i>Chenopodium leptophyllum</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Ephedra viridis</i> , <i>Eriogonum microthecum</i> , <i>E. ovalifolium</i> , <i>E. umbellatum</i> , <i>Holocoton glomeratus</i> , <i>Juniperus osteosperma</i> , <i>Lupinus argenteus</i> , <i>Monardella glauca</i> , <i>Opuntia erinacea</i> , <i>Pestemon speciosus</i> , <i>Poa secunda</i> , and <i>Stipa hymenoides</i> .	Gray-green annual.	Marc A. Baker	19161	20-Jul-17	with Michelle Cloud-Hughes	Bell Canyon
Polygonaceae	Churchill	<i>Eriogonum microthecum</i>	Nuttall	var. <i>laxiflorum</i>	Hooker	N39.2272° W118.1514°	2498 m (8195 ft)	Fairview Peak, 250 m NNE of the summit, 60km ESE of Fallon, top of ridge, pink-brown rhyolite rock and gravel;	<i>Artemisia nova</i> scrub with <i>Agropyron cristatum</i> , <i>Astragalus newberryi</i> , <i>Atriplex confertifolia</i> , <i>Chenopodium douglasii</i> , <i>Chenopodium leptophyllum</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Ephedra viridis</i> , <i>Eriogonum microthecum</i> , <i>E. ovalifolium</i> , <i>E. umbellatum</i> , <i>Holocoton glomeratus</i> , <i>Juniperus osteosperma</i> , <i>Lupinus argenteus</i> , <i>Monardella glauca</i> , <i>Opuntia erinacea</i> , <i>Pestemon speciosus</i> , <i>Poa secunda</i> , and <i>Stipa hymenoides</i> .	Locally abundant matted perennial; flower white, bracts green with red-purple tips.	Marc A. Baker	19162	20-Jul-17	with Michelle Cloud-Hughes	Bell Canyon
Poaceae	Churchill	<i>Stipa hymenoides</i>	Roemer & Schultes			N39.2272° W118.1514°	2498 m (8195 ft)	Fairview Peak, 250 m NNE of the summit, 60km ESE of Fallon, top of ridge, pink-brown rhyolite rock and gravel;	<i>Artemisia nova</i> scrub with <i>Agropyron cristatum</i> , <i>Astragalus newberryi</i> , <i>Atriplex confertifolia</i> , <i>Chenopodium douglasii</i> , <i>Chenopodium leptophyllum</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Ephedra viridis</i> , <i>Eriogonum microthecum</i> , <i>E. ovalifolium</i> , <i>E. umbellatum</i> , <i>Holocoton glomeratus</i> , <i>Juniperus osteosperma</i> , <i>Lupinus argenteus</i> , <i>Monardella glauca</i> , <i>Opuntia erinacea</i> , <i>Pestemon speciosus</i> , <i>Poa secunda</i> .	Common cespitose perennial, this individual partially burned by recent fire.	Marc A. Baker	19163	20-Jul-17	with Michelle Cloud-Hughes	Bell Canyon
Cleomaceae	Churchill	<i>Cleome serrulata</i>	Pursh			N39.2023° W118.1396°	1924 m (6310 ft)	2.8 km SSE of the summit of Fairview Peak, 62 km ESE of Fallon, roadside;	<i>Agropyron cristatum</i> , <i>Bromus tectorum</i> , <i>Ericameria nauseosa</i> , <i>Erodium cicutarium</i> , <i>Leymus cinereus</i> , <i>Polygonum aviculare</i> , <i>Salsola tragus</i> , and <i>Sisymbrium altissimum</i> .	Local erect, malodorous annual to 1 m tall, surviving recent fire; flowers lavender, buds darker.	Marc A. Baker	19164	20-Jul-17	with Michelle Cloud-Hughes	Bell Canyon
Rosaceae	Nye	<i>Ivesia kingii</i>	S. Watson	var. <i>kingii</i>		N38.9315° W118.1830°	1259 m (4130 ft)	Cold Springs, just west of the north end of Fissure Ridge, 23 km SSE of the summit of Rawhide Peak, 79 km SE of Fallon, steep on gentle west-facing slope;	<i>Sarcobatus vermiculatus</i> scrub with <i>Astragalus argophyllus</i> , <i>Atriplex parryi</i> , <i>Carex praegracilis</i> , <i>Cirsium mohavense</i> , <i>Cleome parviflora</i> , <i>Distichlis spicata</i> , <i>Ericameria alba</i> , <i>Holocoton glomeratus</i> , <i>Juncus mexicanus</i> , <i>Leymus cinereus</i> , <i>Nitrophila occidentalis</i> , <i>Puccinellia lemmonii</i> , <i>Sporobolus airoides</i> , and <i>Triglochin concinna</i> .	Locally rather abundant perennial herb, flowers white.	Marc A. Baker	19165	21-Jul-17	with Michelle Cloud-Hughes	Mount Annie
Asteraceae	Nye	<i>Ericameria albida</i>	(M. E. Jones ex A. Gray) L. C. Anderson			N38.9315° W118.1830°	1259 m (4130 ft)	Cold Springs, just west of the north end of Fissure Ridge, 23 km SSE of the summit of Rawhide Peak, 79 km SE of Fallon, steep on gentle west-facing slope;	<i>Sarcobatus vermiculatus</i> scrub with <i>Astragalus argophyllus</i> , <i>Atriplex parryi</i> , <i>Carex praegracilis</i> , <i>Cirsium mohavense</i> , <i>Cleome parviflora</i> , <i>Distichlis spicata</i> , <i>Ericameria albida</i> , <i>Holocoton glomeratus</i> , <i>Ivesia kingii</i> , <i>Juncus mexicanus</i> , <i>Leymus cinereus</i> , <i>Nitrophila occidentalis</i> , <i>Puccinellia lemmonii</i> , <i>Sporobolus airoides</i> , and <i>Triglochin concinna</i> .	Local shrub to 1 m tall, flowers white.	Marc A. Baker	19166	21-Jul-17	with Michelle Cloud-Hughes	Mount Annie
Cyperaceae	Nye	<i>Carex praegracilis</i>	W. Boott			N38.9315° W118.1830°	1259 m (4130 ft)	Cold Springs, just west of the north end of Fissure Ridge, 23 km SSE of the summit of Rawhide Peak, 79 km SE of Fallon, steep on gentle west-facing slope;	<i>Sarcobatus vermiculatus</i> scrub with <i>Astragalus argophyllus</i> , <i>Atriplex parryi</i> , <i>Carex praegracilis</i> , <i>Cirsium mohavense</i> , <i>Cleome parviflora</i> , <i>Distichlis spicata</i> , <i>Ericameria albida</i> , <i>Holocoton glomeratus</i> , <i>Ivesia kingii</i> , <i>Juncus mexicanus</i> , <i>Leymus cinereus</i> , <i>Nitrophila occidentalis</i> , <i>Puccinellia lemmonii</i> , <i>Sporobolus airoides</i> , and <i>Triglochin concinna</i> .	Locally abundant.	Marc A. Baker	19167	21-Jul-17	with Michelle Cloud-Hughes	Mount Annie
Asteraceae	Nye	<i>Euphoryne nevadensis</i>	(M. E. Jones) Panero			N38.9358° W118.1254°	1409 m (4620 ft)	Gabbs Valley, just south of the south end of Monte Christo Mountains, 1.1 km west of Phillips Wash, 82 km SE of Fallon, deep sand;	Low diversity scrub with <i>Ambrosia acanthicarpa</i> , <i>Eriogonum maculatum</i> , <i>Salsola paulsenii</i> , <i>Sarcobatus baileyi</i> , <i>Stipa hymenoides</i> , <i>Tetradymia glabrata</i> , and <i>T. tetrameres</i> .	Erect gray-green herb, foliage fragrant.	Marc A. Baker	19168	21-Jul-17	with Michelle Cloud-Hughes	Mount Annie NE
Chenopodiaceae	Nye	<i>Salsola paulsenii</i>	Litv.			N38.9358° W118.1254°	1409 m (4620 ft)	Gabbs Valley, just south of the south end of Monte Christo Mountains, 1.1 km west of Phillips Wash, 82 km SE of Fallon, deep sand;	Low diversity scrub with <i>Ambrosia acanthicarpa</i> , <i>Eriogonum maculatum</i> , <i>Euphoryne nevadensis</i> , <i>Sarcobatus baileyi</i> , <i>Stipa hymenoides</i> , <i>Tetradymia glabrata</i> , and <i>T. tetrameres</i> .	Common and abundant dark green annual to 8dm tall.	Marc A. Baker	19169	21-Jul-17	with Michelle Cloud-Hughes	Mount Annie NE
Asteraceae	Nye	<i>Ambrosia acanthicarpa</i>	Hooker			N38.9358° W118.1254°	1409 m (4620 ft)	Gabbs Valley, just south of the south end of Monte Christo Mountains, 1.1 km west of Phillips Wash, 82 km SE of Fallon, deep sand;	Low diversity scrub with <i>Eriogonum maculatum</i> , <i>Euphoryne nevadensis</i> , <i>Salsola paulsenii</i> , <i>Sarcobatus baileyi</i> , <i>Stipa hymenoides</i> , <i>Tetradymia glabrata</i> , and <i>T. tetrameres</i> .	Common, generally erect annual.	Marc A. Baker	19170	21-Jul-17	with Michelle Cloud-Hughes	Mount Annie NE
Polygonaceae	Nye	<i>Eriogonum maculatum</i>	A. A. Heller			N38.9358° W118.1254°	1409 m (4620 ft)	Gabbs Valley, just south of the south end of Monte Christo Mountains, 1.1 km west of Phillips Wash, 82 km SE of Fallon, deep sand;	Low diversity scrub with <i>Ambrosia acanthicarpa</i> , <i>Euphoryne nevadensis</i> , <i>Salsola paulsenii</i> , <i>Sarcobatus baileyi</i> , <i>Stipa hymenoides</i> , <i>Tetradymia glabrata</i> , and <i>T. tetrameres</i> .	Erect annual, flowers white.	Marc A. Baker	19171	21-Jul-17	with Michelle Cloud-Hughes	Mount Annie NE
Chenopodiaceae	Churchill	<i>Atriplex torreyi</i>	(S. Watson) S. Watson			N39.6952° W118.1819°	1043 m (3420 ft)	Dixie Valley, 150 m NW of the intersection of Ellis Lane and Settlement Road, 64 km ESE of Fallon;	<i>Sarcobatus vermiculatus</i> / <i>Atriplex torreyi</i> scrub with <i>Atriplex confertifolia</i> , <i>Ericameria nauseosa</i> , <i>Distichlis spicata</i> , <i>Leymus cinereus</i> , and <i>Suaeda nigra</i> .	Locally rather abundant shrub generally ca. 1 m tall.	Marc A. Baker	19173	22-Jul-17	with Michelle Cloud-Hughes	Dixie Valley
Convolvulaceae	Churchill	<i>Cuscuta salina</i>	Engelmann	var. <i>salina</i>		N39.6952° W118.1819°	1043 m (3420 ft)	Dixie Valley, 150 m NW of the intersection of Ellis Lane and Settlement Road, 64 km ESE of Fallon	<i>Sarcobatus vermiculatus</i> / <i>Atriplex torreyi</i> scrub with <i>Atriplex confertifolia</i> , <i>Ericameria nauseosa</i> , <i>Distichlis spicata</i> , <i>Leymus cinereus</i> , and <i>Suaeda nigra</i> .	Parasitic on <i>Suaeda nigra</i> .	Marc A. Baker	19174	22-Jul-17	with Michelle Cloud-Hughes	Dixie Valley
Asteraceae	Churchill	<i>Artemisia tridentata</i>	Nuttall	subsp. <i>wyomingensis</i>	Beetle & Young	N39.6822° W118.2652°	1520 m (4985 ft)	n, Stillwater Range, Cox Canyon, 2.5 km SSW of Silver Hill, 50 km NE of Fallon, narrow valley between rounded ridges;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Asclepias fascicularis</i> , <i>Atriplex confertifolia</i> , <i>Brickellia microphylla</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Gutierrezia sarothrae</i> , <i>Holocoton glomeratus</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Poa secunda</i> , <i>Stephanomeria pauciflora</i> , and <i>Tamaria ramosissima</i> .	Common and abundant rounded shrub, generally to ca. 1 m tall, excluding the inflorescences; aromatic, similar to the odor of turpentine, but no pungent.	Marc A. Baker	19239	14-Sep-17	with Michelle Cloud-Hughes	Cox Canyon
Asteraceae	Churchill	<i>Ericameria nauseosa</i>	(Pall. ex Pursh) G. L. Nesom & Baird	var. <i>hololeuca</i>	(A. Gray) G. L. Nesom & Baird	N39.6822° W118.2652°	1520 m (4985 ft)	n, Stillwater Range, Cox Canyon, 2.5 km SSW of Silver Hill							

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ASTERACEAE	Churchill	<i>Artemisia tridentata</i>	Nuttall	subsp. <i>wyomingensis</i>	Beetle & Young	N39.6711° W118.2620°	1640 m (5375 ft)	n, Stillwater Range, Cox Canyon, 3.7 km south of Silver Hill, 50 km NE of Fallon, bottom of narrow ravine;	<i>Pinus ponderosa</i> woodland/ <i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Brickellia microphylla</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Gutierrezia sarothrae</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Poa secunda</i> , <i>Shepherdia argentea</i> , <i>Stephanomeria pauciflora</i> .	Common shrub, to ca. 1.5 m tall, excluding the inflorescences, branches dark and thick, inflorescences generally less than 15 cm long; herbage with strongly pungent odor, similar to the that of turpentine.	Marc A. Baker	19245	14-Sep-17	with Michelle Cloud-Hughes	Cox Canyon
ASTERACEAE	Churchill	<i>Pleiacanthus spinosus</i>	(Nuttall) Rydberg			N39.6711° W118.2620°	1640 m (5375 ft)	n, Stillwater Range, Cox Canyon, 3.7 km south of Silver Hill, 50km NE of Fallon, bottom of narrow ravine;	<i>Pinus ponderosa</i> woodland/ <i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Brickellia microphylla</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Gutierrezia sarothrae</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Poa secunda</i> , <i>Shepherdia argentea</i> , <i>Stephanomeria pauciflora</i> .	Common, low-spreading, gray-green shrub; flowers lavender-pink.	Marc A. Baker	19246	14-Sep-17	with Michelle Cloud-Hughes	Cox Canyon
OLEACEAE	Churchill	<i>Shepherdia argentea</i>	Pursh			N39.6711° W118.2620°	1640 m (5375 ft)	n, Stillwater Range, Cox Canyon, 3.7 km south of Silver Hill, 50km NE of Fallon, bottom of narrow ravine;	<i>Pinus ponderosa</i> woodland/ <i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Brickellia microphylla</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Gutierrezia sarothrae</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Poa secunda</i> , <i>Shepherdia argentea</i> , <i>Stephanomeria pauciflora</i> .	Large gray-green shrub near spring.	Marc A. Baker	19247	14-Sep-17	with Michelle Cloud-Hughes	Cox Canyon
POLYGONACEAE	Churchill	<i>Eriogonum rupinum</i>	Reveal			N39.6708° W118.2578°	1640 m (5375 ft)	n, Stillwater Range, Cox Canyon, 3.7 km south of Silver Hill, 50 km NE of Fallon, bottom of narrow ravine, north-facing outcropping of schist;	<i>Pinus ponderosa</i> woodland/ <i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Brickellia microphylla</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Gutierrezia sarothrae</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Poa secunda</i> , <i>Shepherdia argentea</i> , <i>Stephanomeria pauciflora</i> .	Perennial herb from a woody caudex, leaves gray-green, slightly greener dorsally, flowers white with a hint of green.	Marc A. Baker	19248	14-Sep-17	with Michelle Cloud-Hughes	Cox Canyon
POACEAE	Churchill	<i>Muhlenbergia asperifolia</i>	(Nees & Meyen) Parodi			N39.6708° W118.2578°	1640 m (5375 ft)	n, Stillwater Range, Cox Canyon, 3.7 km south of Silver Hill, 50km NE of Fallon, bottom of narrow ravine;	<i>Pinus ponderosa</i> woodland/ <i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Brickellia microphylla</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>Gutierrezia sarothrae</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Poa secunda</i> , <i>Shepherdia argentea</i> , <i>Stephanomeria pauciflora</i> .	Small (1 m dia) pond with <i>Typha angustifolia</i> .	Marc A. Baker	19249	14-Sep-17	with Michelle Cloud-Hughes	Cox Canyon
ASTERACEAE	Churchill	<i>Artemisia tridentata</i>	Nuttall	subsp. <i>wyomingensis</i>	Beetle & Young	N39.4047° W117.9832°	1665 m (5460 ft)	n, along Bench Creek, 6.6 km SSE of the summit of Round Mountain, 68 km east of Fallon;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Artemisia tridentata</i> subsp. <i>tridentata</i> , <i>Ephedra nevadensis</i> and <i>Ericameria nauseosa</i> .	Common and abundant, forming a near monoculture.	Marc A. Baker	19250	15-Sep-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Ericameria nauseosa</i>	(Pall. ex Pursh) G. L. Nesom & Baird	var. <i>hololeuca</i>	(A. Gray) G. L. Nesom & Baird	N39.4047° W117.9832°	1665 m (5460 ft)	n, along Bench Creek, 6.6 km SSE of the summit of Round Mountain, 68 km east of Fallon;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Artemisia tridentata</i> subsp. <i>tridentata</i> , and <i>Ephedra nevadensis</i> .	Along roadside and washes.	Marc A. Baker	19251	15-Sep-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Artemisia tridentata</i>	Nuttall	subsp. <i>tridentata</i>		N39.4047° W117.9832°	1665 m (5460 ft)	n, along Bench Creek, 6.6 km SSE of the summit of Round Mountain, 68 km east of Fallon;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Ephedra nevadensis</i> and <i>Ericameria nauseosa</i> .	Along wash, 2 m tall.	Marc A. Baker	19252	15-Sep-17	with Michelle Cloud-Hughes	Camp Creek Canyon
ASTERACEAE	Churchill	<i>Artemisia nova</i>	Nuttall			N39.4546° W118.0138°	1921 m (6300 ft)	Clan Alpine Mountains, 1 km ESE of the summit of Round Mountain, 66 km east of Fallon;	<i>Artemisia nova</i> scrub with <i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , and <i>Poa secunda</i> .	Common and abundant shrub on south-facing slope, generally less than 4 dm tall, excluding inflorescences.	Marc A. Baker	19253	15-Sep-17	with Michelle Cloud-Hughes	Wonder Mountain
ASTERACEAE	Churchill	<i>Artemisia tridentata</i>	Nuttall	subsp. <i>wyomingensis</i>	Beetle & Young	N39.4546° W118.0138°	1921 m (6300 ft)	Clan Alpine Mountains, 1 km ESE of the summit of Round Mountain, 66 km east of Fallon;	<i>Artemisia nova</i> scrub with <i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum caespitosum</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , and <i>Poa secunda</i> .	Common and often abundant shrub, generally less than 1 m tall, excluding inflorescences.	Marc A. Baker	19254	15-Sep-17	with Michelle Cloud-Hughes	Wonder Mountain
ASTERACEAE	Churchill	<i>Artemisia nova</i>	Nuttall			N39.4482° W118.0330°	2018 m (6620 ft)	Clan Alpine Mountains, summit of ridge, 1 km SW of the summit of Round Mountain, 64 km east of Fallon;	<i>Artemisia nova</i> scrub with <i>Chrysanthus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , and <i>Poa secunda</i> .	Common and abundant shrub, generally less than 4dm tall, excluding inflorescences.	Marc A. Baker	19255	15-Sep-17	with Michelle Cloud-Hughes	Wonder Mountain
SOLANACEAE	Churchill	<i>Solanum triflorum</i>	Nuttall			N39.4361° W118.0582°	1770 m (5805 ft)	Badger Flat, 1.5 km SSW of the summit of Wonder Mountain, 62 km east of Fallon;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Ericameria nauseosa</i> .	Several individuals in middle of dirt road.	Marc A. Baker	19256	15-Sep-17	with Michelle Cloud-Hughes	Wonder Mountain
ASTERACEAE	Churchill	<i>Ericameria nana</i>	Nuttall			N39.3934° W118.0765°	1707 m (5600 ft)	Wonder Wash, 6.5 km SSW of the summit of Wonder Mountain, 62 km east of Fallon;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Ephedra nevadensis</i> and <i>Ericameria nana</i> .	On rock outcroppings, flowers orange-yellow.	Marc A. Baker	19257	15-Sep-17	with Michelle Cloud-Hughes	Wonder Mountain
CHENOPODIACEAE	Churchill	<i>Salsola paulsenii</i>	Litv.			N39.3405° W118.1029°	1372 m (4500 ft)	NE base of Chalk Mountain, 60km ESE of Fallon, tan fine silt and gravel of various rock types, thick layer of cryptogamic crust;	<i>Sarcobatus baileyi</i> scrub of low diversity.	Rather abundant locally, to 3 dm tall, 5 dm broad, generally much smaller, young stems yellow-gray-green, older with beet-red longitudinal stripes.	Marc A. Baker	19258	15-Sep-17	with Michelle Cloud-Hughes	West Gate
ASTERACEAE	Churchill	<i>Artemisia nova</i>	Nuttall			N39.2056° W118.1582°	2320 m (7610 ft)	2.2 km SSW of the summit of Fairview Peak, 61 km SE of Fallon;	<i>Artemisia nova</i> scrub with <i>Chrysanthus viscidiflorus</i> , <i>Eriogonum caespitosum</i> , <i>Krascheninnikovia lanata</i> , and <i>Pinus monophylla</i> .	Common and abundant shrub, generally less than 4dm tall, excluding inflorescences.	Marc A. Baker	19259	15-Sep-17	with Michelle Cloud-Hughes	Bell Canyon
ASTERACEAE	Churchill	<i>Artemisia nova</i>	Nuttall			N39.2272° W118.1514°	2498 m (8195 ft)	Fairview Peak, 250 m NNE of the summit, 60km ESE of Fallon, top of ridge, pink-brown rhylite rock and gravel;	<i>Artemisia nova</i> scrub with <i>Agropyron cristatum</i> , <i>Astragalus newberryi</i> , <i>Atriplex confertifolia</i> , <i>Chaenactis douglasii</i> , <i>Chenopodium leptophyllum</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ephedra viridis</i> , <i>Eriogonum microthecum</i> , <i>E. ovalifolium</i> , <i>E. umbellatum</i> , <i>Hologoton glomeratus</i> , <i>Juniperus osteosperma</i> , <i>Lupinus argenteus</i> , <i>Monardella glauca</i> , <i>Opuntia polyacantha</i> , <i>Penstemon speciosus</i> , <i>Poa secunda</i> , and <i>Stipa hymenoides</i> .	Common and abundant shrub, generally less than 4 dm tall, excluding inflorescences.	Marc A. Baker	19261	15-Sep-17	with Michelle Cloud-Hughes	Bell Canyon
CHENOPODIACEAE	Churchill	<i>Salsola paulsenii</i>	Litv.			N39.2023° W118.1396°	1924 m (6310 ft)	2.8 km SSE of the summit of Fairview Peak, 62 km ESE of Fallon, roadside;	<i>Agropyron cristatum</i> , <i>Bromus tectorum</i> , <i>Cleome serrulata</i> , <i>Ericameria nauseosa</i> , <i>Erodium cicutarium</i> , <i>Leymus cinereus</i> , <i>Polygonum aviculare</i> , <i>Salsola tragus</i> , and <i>Sisymbrium altissimum</i> .	Locally rather abundant shrubby annual, stems green with beet-purple longitudinal striations.	Marc A. Baker	19262	15-Sep-17	with Michelle Cloud-Hughes	Bell Canyon
EUPHORBIACEAE	Churchill	<i>Croton setigerus</i>	Hook.			N39.6949° W118.1757°	1160 m (3805 ft)	13.5 km NNE of the summit of Job Peak, 57 km ENE of Fallon;	<i>Sarcobatus baileyi</i> scrub with <i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> , <i>Atriplex canescens</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Hologoton glomeratus</i> , <i>Sarcobatus vermiculatus</i> , and <i>Stephanomeria pauciflora</i> .	Low cushions to 5 cm tall, 5 dm broad, locally rather abundant.	Marc A. Baker	19263	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Gutierrezia sarothrae</i>	(Pursh) Britton & Rusby			N39.6949° W118.1757°	1160 m (3805 ft)	13.5 km NNE of the summit of Job Peak, 57 km ENE of Fallon;	<i>Sarcobatus baileyi</i> scrub with <i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> , <i>Atriplex canescens</i> , <i>Croton setigerus</i> , <i>Ericameria nauseosa</i> , <i>Hologoton glomeratus</i> , <i>Sarcobatus vermiculatus</i> , and <i>Stephanomeria pauciflora</i> .	Locally rather abundant, flowers orange-yellow.	Marc A. Baker	19264	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Brickellia longifolia</i>	S. Watson	var. <i>multiflora</i>	(Kellogg) Cronquist	N39.7023° W118.1934°	1322 m (4335 ft)	just below Silver Hill Canyon, 4.6 km east of Silver Hill, 56 km ENE of Fallon, narrow channel in upper bajada of volcanic and metamorphic rocks and gravel;	<i>Gutierrezia</i> scrub with <i>Croton setigerus</i> , <i>Ephedra nevadensis</i> , and <i>Hologoton glomeratus</i> .	Large shrub to 1.7 m tall, broader, with gray-green leaves and yellow green inflorescences, just beginning to flower; stems nearly white, lower stems pale gray, numerous from base of plant.	Marc A. Baker	19265	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
FABACEAE	Churchill	<i>Melilotus alba</i>	Medikus			N39.7065° W118.2088°	1402 m (4600 ft)	Silver Hill Canyon, 3.3 km east of Silver Hill, 55 km ENE of Fallon, small spring;	<i>Argemone munita</i> , <i>Artemisia tridentata</i> , <i>Brickellia longifolia</i> , <i>B. microphylla</i> , <i>Castilleja minor</i> , <i>Clematis ligusticifolia</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>E. microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Leymus cinereus</i> , <i>Medicago alba</i> , <i>Mentzelia laevicaulis</i> , <i>Penstemon palmeri</i> , <i>Populus fremontii</i> , <i>Salix exigua</i> , <i>S. laevigata</i> , <i>Solidago spectabilis</i> , <i>Stanleya pinnata</i> , and <i>Symphoricarpos longiflorus</i> .	Erect perennial herb to 1.3 m tall, flowers white.	Marc A. Baker	19266	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
RANUNCULACEAE	Churchill	<i>Clematis ligusticifolia</i>	Nuttall			N39.7065° W118.2088°	1402 m (4600 ft)	Silver Hill Canyon, 3.3 km east of Silver Hill, 55 km ENE of Fallon, small spring;	<i>Argemone munita</i> , <i>Artemisia tridentata</i> , <i>Brickellia longifolia</i> , <i>B. microphylla</i> , <i>Castilleja minor</i> , <i>Clematis ligusticifolia</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>E. microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Leymus cinereus</i> , <i>Medicago alba</i> , <i>Mentzelia laevicaulis</i> , <i>Penstemon palmeri</i> , <i>Populus fremontii</i> , <i>Salix exigua</i> , <i>S. laevigata</i> , <i>Solidago spectabilis</i> , <i>Stanleya pinnata</i> , and <i>Symphoricarpos longiflorus</i> .	Locally abundant clambering vine.	Marc A. Baker	19267	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
POLYGONACEAE	Churchill	<i>Eriogonum microthecum</i>	Nuttall	var. <i>laxiflorum</i>	Hooker	N39.7065° W118.2088°	1402 m (4600 ft)	Silver Hill Canyon, 3.3 km east of Silver Hill, 55 km ENE of Fallon, small spring;	<i>Argemone munita</i> , <i>Artemisia tridentata</i> , <i>Brickellia longifolia</</i>						

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
ASTERACEAE	Churchill	<i>Solidago spectabilis</i>	(D. C. Eaton) A. Gray			N39.7065° W118.2088°	1402 m (4600 ft)	Silver Hill Canyon, 3.3 km east of Silver Hill, 55 km ENE of Fallon, small spring;	<i>Argemone munita</i> , <i>Artemisia tridentata</i> , <i>Brickellia longifolia</i> , <i>B. microphylla</i> , <i>Clematis ligusticifolia</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>E. microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Leymus cinereus</i> , <i>Medicago alba</i> , <i>Mentzelia laevicaulis</i> , <i>Penstemon palmeri</i> , <i>Populus fremontii</i> , <i>Salix exigua</i> , <i>S. laevigata</i> , <i>Solidago spectabilis</i> , <i>Stanleya pinnata</i> , and <i>Symphoricarpos longiflorus</i> .	Locally abundant erect perennial to 1.3 m tall, from thick creeping rhizomes; sterile rosettes present; flowers orange-yellow, inflorescence not one-sided; moist soil.	Marc A. Baker	19270	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
LOASACEAE	Churchill	<i>Mentzelia laevicaulis</i>	(Douglas) Torrey & A. Gray			N39.7065° W118.2088°	1402 m (4600 ft)	Silver Hill Canyon, 3.3 km east of Silver Hill, 55 km ENE of Fallon, small spring;	<i>Argemone munita</i> , <i>Artemisia tridentata</i> , <i>Brickellia longifolia</i> , <i>B. microphylla</i> , <i>Castilleja minor</i> , <i>Clematis ligusticifolia</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>E. microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Leymus cinereus</i> , <i>Medicago alba</i> , <i>Penstemon palmeri</i> , <i>Populus fremontii</i> , <i>Salix exigua</i> , <i>S. laevigata</i> , <i>Solidago spectabilis</i> , <i>Stanleya pinnata</i> , and <i>Symphoricarpos longiflorus</i> .	1.1 m tall, completely dry except for pale yellow-green fruits.	Marc A. Baker	19271	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Brickellia microphylla</i>	(Nuttall) A. gray			N39.7065° W118.2088°	1402 m (4600 ft)	Silver Hill Canyon, 3.3 km east of Silver Hill, 55 km ENE of Fallon, small spring;	<i>Argemone munita</i> , <i>Artemisia tridentata</i> , <i>Brickellia longifolia</i> , <i>Castilleja minor</i> , <i>Clematis ligusticifolia</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>E. microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Leymus cinereus</i> , <i>Medicago alba</i> , <i>Mentzelia laevicaulis</i> , <i>Penstemon palmeri</i> , <i>Populus fremontii</i> , <i>Salix exigua</i> , <i>S. laevigata</i> , <i>Solidago spectabilis</i> , <i>Stanleya pinnata</i> , and <i>Symphoricarpos longiflorus</i> .	Common shrub, generally less than 0.5 m tall, broader, strongly aromatic.	Marc A. Baker	19272	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
EUPHORBIACEAE	Churchill	<i>Euphorbia serpyllifolia</i>	Pers.			N39.7065° W118.2088°	1402 m (4600 ft)	Silver Hill Canyon, 3.3 km east of Silver Hill, 55 km ENE of Fallon, small spring;	<i>Argemone munita</i> , <i>Artemisia tridentata</i> , <i>Brickellia longifolia</i> , <i>B. microphylla</i> , <i>Castilleja minor</i> , <i>Clematis ligusticifolia</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum heermannii</i> , <i>E. microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Leymus cinereus</i> , <i>Medicago alba</i> , <i>Mentzelia laevicaulis</i> , <i>Penstemon palmeri</i> , <i>Populus fremontii</i> , <i>Salix exigua</i> , <i>S. laevigata</i> , <i>Solidago spectabilis</i> , <i>Stanleya pinnata</i> , and <i>Symphoricarpos longiflorus</i> .	Erect annual, herbage mostly purple-red now.	Marc A. Baker	19273	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
AMARANTHACEAE	Churchill	<i>Amaranthus albus</i>	L.			N39.7052° W118.2066°	1366 m (4480 ft)	Silver Hill Canyon, 3.5 km east of the summit of Silver Hill, 55 km ENE of Fallon;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Artemisia tridentata</i> subsp. <i>tridentata</i> , <i>Brickellia longifolia</i> , <i>Chenopodium album</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus osteosperma</i> , <i>Prunus andersonii</i> , and <i>Symphoricarpos longiflorus</i> .	Dark green annual 1dm tall, broader.	Marc A. Baker	19274	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Artemisia tridentata</i>	Nuttall	subsp. <i>wyomingensis</i>	Beetle & Young	N39.7052° W118.2066°	1366 m (4480 ft)	Silver Hill Canyon, 3.5 km east of the summit of Silver Hill, 55 km ENE of Fallon;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Artemisia tridentata</i> subsp. <i>tridentata</i> , <i>Brickellia longifolia</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus utahensis</i> , <i>Prunus andersonii</i> , and <i>Symphoricarpos longiflorus</i> .	Common and abundant, mostly rounded, shrub generally less than 1 m tall, excluding the inflorescences, but up to 1.5 m tall, inflorescences variable, some long and narrow.	Marc A. Baker	19275	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Chrysanthus viscidiflorus</i>	(Hooker) Nuttall	subsp. <i>puberulus</i>	(D. C. Eaton) Hall & Clements	N39.7052° W118.2066°	1366 m (4480 ft)	Silver Hill Canyon, 3.5 km east of the summit of Silver Hill, 55 km ENE of Fallon;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Artemisia tridentata</i> subsp. <i>tridentata</i> , <i>Brickellia longifolia</i> , <i>Ephedra nevadensis</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus utahensis</i> , <i>Prunus andersonii</i> , and <i>Symphoricarpos longiflorus</i> .	Common but rarely abundant shrub, generally ca. 5 dm tall, broader.	Marc A. Baker	19276	16-Sep-17	with Michelle Cloud-Hughes	I XL Canyon
ASTERACEAE	Churchill	<i>Artemisia tridentata</i>	Nuttall	subsp. <i>wyomingensis</i>	Beetle & Young	N39.1524° W118.1469°	1700 m (5580 ft)	BellFlat, 8 km south of Fairview Peak, 36 km SE of Fallon;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub, nearly monospecific with <i>Halogenot glomeratus</i> .	Common and often dominant shrub, generally ca. 1 m tall, excluding inflorescences.	Marc A. Baker	19277	16-Sep-17	with Michelle Cloud-Hughes	Bell Canyon
CHENOPodiaceae	Churchill	<i>Atriplex canescens</i>	(Pursh) Nuttall	subsp. <i>canescens</i>		N39.0899° W118.2436°	1567 m (5140 ft)	1 km SW of the summit of Slate Mountain, 43 km SE of Fallon, loose silt with a layer of fine pink-brown gravel and exposed crumbly rhyolite;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Ambrosia salsa</i> , <i>Chrysanthus greenii</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Grayia spinosa</i> , <i>Menodora spinosa</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Locally rather common shrub, generally less than 5-6 dm (to 1.3 m in wash) tall, broader.	Marc A. Baker	19278	16-Sep-17	with Michelle Cloud-Hughes	Slate Mountain
ASTERACEAE	Churchill	<i>Ericameria nauseosa</i>	(Pall. ex Pursh) G. L. Nesom & Baird	var. <i>hololeuca</i>	(A. Gray) G. L. Nesom & Baird	N39.0899° W118.2436°	1567 m (5140 ft)	1 km SW of the summit of Slate Mountain, 43 km SE of Fallon, loose silt with a layer of fine pink-brown gravel and exposed crumbly rhyolite;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Ambrosia salsa</i> , <i>Atriplex canescens</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Grayia spinosa</i> , <i>Menodora spinosa</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Common shrub along washes.	Marc A. Baker	19279	16-Sep-17	with Michelle Cloud-Hughes	Slate Mountain
ASTERACEAE	Churchill	<i>Chrysanthus greenii</i>	(A. Gray) E. Greene			N39.0899° W118.2436°	1567 m (5140 ft)	1 km SW of the summit of Slate Mountain, 43 km SE of Fallon, loose silt with a layer of fine pink-brown gravel and exposed crumbly rhyolite;	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub with <i>Ambrosia salsa</i> , <i>Atriplex canescens</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Grayia spinosa</i> , <i>Menodora spinosa</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Common shrub generally 5-6 dm tall.	Marc A. Baker	19280	16-Sep-17	with Michelle Cloud-Hughes	Slate Mountain
ASTERACEAE	Churchill	<i>Artemisia tridentata</i>	Nuttall	subsp. <i>tridentata</i>		N39.2000° W118.3465°	1418 m (4650 ft)	GZ Canyon, Sand Springs Range, 48 km SE of Fallon, small canyon of granitic outcroppings and associated sediments; north-facing slope	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub, south-facing slope with <i>Ambrosia salsa</i> , <i>Atriplex canescens</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum heermannii</i> , <i>Stanleya pinnata</i> , <i>Stipa hymenoides</i> , <i>Stipa speciosa</i> , <i>Tetradymia glabrata</i> , and <i>Tetradymia spinosa</i> , dry wash mostly with <i>Artemisia tridentata</i> subsp. <i>tridentata</i> , <i>Ericameria nauseosa</i> , and <i>Halogenot glomerata</i> .	Common shrub, generally along washes to 2 m tall, inflorescences rather lax and bent.	Marc A. Baker	19281	17-Sep-17	with Michelle Cloud-Hughes	Chukar Canyon
CHENOPodiaceae	Churchill	<i>Salsola paulsenii</i>	Litv.			N39.2000° W118.3465°	1418 m (4650 ft)	GZ Canyon, Sand Springs Range, 48 km SE of Fallon, small canyon of granitic outcroppings and associated sediments; north-facing slope	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub, south-facing slope with <i>Ambrosia salsa</i> , <i>Atriplex canescens</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum heermannii</i> , <i>Stanleya pinnata</i> , <i>Stipa hymenoides</i> , <i>Stipa speciosa</i> , <i>Tetradymia glabrata</i> , and <i>Tetradymia spinosa</i> , dry wash mostly with <i>Artemisia tridentata</i> subsp. <i>tridentata</i> , <i>Ericameria nauseosa</i> , and <i>Halogenot glomerata</i> .	Abundant annual along roadside, sprawling, generally wider than tall.	Marc A. Baker	19282	17-Sep-17	with Michelle Cloud-Hughes	Chukar Canyon
ASTERACEAE	Churchill	<i>Ericameria nana</i>	Nuttall			N39.2000° W118.3465°	1418 m (4650 ft)	GZ Canyon, Sand Springs Range, 48 km SE of Fallon, small canyon of granitic outcroppings and associated sediments; north-facing slope	<i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> scrub, south-facing slope with <i>Ambrosia salsa</i> , <i>Atriplex canescens</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum heermannii</i> , <i>Stanleya pinnata</i> , <i>Stipa hymenoides</i> , <i>Stipa speciosa</i> , <i>Tetradymia glabrata</i> , and <i>Tetradymia spinosa</i> , dry wash mostly with <i>Artemisia tridentata</i> subsp. <i>tridentata</i> , <i>Ericameria nauseosa</i> , and <i>Halogenot glomerata</i> .	Frequent shrub, on south-facing cliffs.	Marc A. Baker	19283	17-Sep-17	with Michelle Cloud-Hughes	Chukar Canyon
POLYGONACEAE	Churchill	<i>Eriogonum rupinum</i>	Reveal			N39.6063° W118.244°	1915 m (6280 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Artemisia tridentata</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , and <i>Pleiocanthus spinosus</i> .	Perennial herb along edge of small ravine, stems spongy; flowers white with pale green midrib.	Marc A. Baker	19745	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Pleiocanthus spinosus</i>	(Nuttall) Rydberg			N39.6063° W118.244°	1915 m (6280 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Artemisia tridentata</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , and <i>Pleiocanthus spinosus</i> .	Gray-green shrub to 5dm tall; flowers lavender-pink.	Marc A. Baker	19746	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Ericameria nauseosa</i>	(Pall. ex Pursh) G. L. Nesom & Baird	var. <i>hololeuca</i>	(A. Gray) G. L. Nesom & Baird	N39.6063° W118.244°	1915 m (6280 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Artemisia tridentata</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , and <i>Pleiocanthus spinosus</i> .	Common and often abundant gray-green, rounded shrub to 1 m tall, broader.	Marc A. Baker	19747	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Artemisia tridentata</i>	Nuttall	subsp. <i>wyomingensis</i>	Beetle & Young	N39.6063° W118.244°	1915 m (6280 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Artemisia tridentata</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , and <i>Pleiocanthus spinosus</i> .	Common and often dominant gray-green, very aromatic, shrub to 2.2 m tall, broader.	Marc A. Baker	19748	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Chrysanthus viscidiflorus</i>	(Hooker) Nuttall	subsp. <i>puberulus</i>	(D. C. Eaton) Hall & Clements	N39.6063° W118.244°	1915 m (6280 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Artemisia tridentata</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , and <i>Pleiocanthus spinosus</i> .	Common shrub to 5 dm tall, 6dm broad.	Marc A. Baker	19749	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Gutierrezia sarothrae</i>	(Pursh) Britton & Rusby			N39.6063° W118.244°	1915 m (6280 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Artemisia tridentata</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , and <i>Pleiocanthus spinosus</i> .	Common shrub to 3 dm tall, 4dm broad; flowers yellow.	Marc A. Baker	19750	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
CYPERACEAE	Churchill	<i>Eleocharis parishii</i>	Britton			N39.6065° W118.244°	1900 m (6240 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Aquilegia formosa</i> , <i>Asclepias fasciculata</i> , <i>Chrysanthus viscidiflorus</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</</i>						

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
ASCLEPIADACEAE	Churchill	<i>Asclepias fasciculatus</i>	Decne.			N39.6065°W118.244°	1900 m (6240 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Aquilegia formosa</i> , <i>Chrysothamnus viscidiflorus</i> , <i>Eleocharis parishii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Juncus saximontanus</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Ranunculus cymbalaria</i> , <i>Salix laevigata</i> , <i>Scrophularia desertorum</i> , and <i>Urtica dioica</i> .	Perennial herb 1.5 m tall.	Marc A. Baker	19756	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
POLYGONACEAE	Churchill	<i>Eriogonum microthecum</i>	Nuttall	var. <i>laxiflorum</i>	Hooker	N39.6065°W118.244°	1900 m (6240 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Aquilegia formosa</i> , <i>Asclepias fasciculatus</i> , <i>Chrysothamnus viscidiflorus</i> , <i>Eleocharis parishii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Ranunculus cymbalaria</i> , <i>Salix laevigata</i> , <i>Scrophularia desertorum</i> , and <i>Urtica dioica</i> .	Common shrub to 4dm tall; flowers white to pink.	Marc A. Baker	19757	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
RANUNCULACEAE	Churchill	<i>Aquilegia formosa</i>	Hooker f.			N39.6065°W118.244°	1900 m (6240 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Asclepias fasciculatus</i> , <i>Chrysothamnus viscidiflorus</i> , <i>Eleocharis parishii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Juncus saximontanus</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Ranunculus cymbalaria</i> , <i>Salix laevigata</i> , <i>Scrophularia desertorum</i> , and <i>Urtica dioica</i> .	Perennial herb of moist soil; corolla yellow, sepals and spurs red.	Marc A. Baker	19758	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
POACEAE	Churchill	<i>Polygonum viridis</i>	(Gouan) Breistr.			N39.6065°W118.244°	1900 m (6240 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Aquilegia formosa</i> , <i>Asclepias fasciculatus</i> , <i>Chrysothamnus viscidiflorus</i> , <i>Eleocharis parishii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Juncus saximontanus</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Ranunculus cymbalaria</i> , <i>Salix laevigata</i> , <i>Scrophularia desertorum</i> , and <i>Urtica dioica</i> .		Marc A. Baker	19759	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
POACEAE	Churchill	<i>Agrostis stolonifera</i>	L.			N39.6065°W118.244°	1900 m (6240 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Aquilegia formosa</i> , <i>Asclepias fasciculatus</i> , <i>Chrysothamnus viscidiflorus</i> , <i>Eleocharis parishii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Juncus saximontanus</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Ranunculus cymbalaria</i> , <i>Salix laevigata</i> , <i>Scrophularia desertorum</i> , and <i>Urtica dioica</i> .		Marc A. Baker	19760	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Erigeron canadensis</i>	L.			N39.6065°W118.244°	1900 m (6240 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Aquilegia formosa</i> , <i>Asclepias fasciculatus</i> , <i>Chrysothamnus viscidiflorus</i> , <i>Eleocharis parishii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Juncus saximontanus</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Ranunculus cymbalaria</i> , <i>Salix laevigata</i> , <i>Scrophularia desertorum</i> , and <i>Urtica dioica</i> .	Common, generally erect, annual.	Marc A. Baker	19761	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Artemisia tridentata</i>	Nuttall	subsp. <i>vaseyan</i>	(Rydb.) Beetle	N39.6065°W118.244°	1900 m (6240 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Aquilegia formosa</i> , <i>Asclepias fasciculatus</i> , <i>Chrysothamnus viscidiflorus</i> , <i>Eleocharis parishii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Juncus saximontanus</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Ranunculus cymbalaria</i> , <i>Salix laevigata</i> , <i>Scrophularia desertorum</i> , and <i>Urtica dioica</i> .	Local shrub, restricted to near stream.	Marc A. Baker	19762	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Gutierrezia sarothrae</i>	(Pursh) Britton & Rusby			N39.6065°W118.244°	1900 m (6240 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Aquilegia formosa</i> , <i>Asclepias fasciculatus</i> , <i>Chrysothamnus viscidiflorus</i> , <i>Eleocharis parishii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Juncus saximontanus</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Ranunculus cymbalaria</i> , <i>Salix laevigata</i> , <i>Scrophularia desertorum</i> , and <i>Urtica dioica</i> .	Common shrub, flowers yellow.	Marc A. Baker	19763	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
SCROPHULARIACEAE	Churchill	<i>Scrophularia desertorum</i>	(Munz) R. J. Shaw			N39.6065°W118.244°	1900 m (6240 ft)	Stillwater Range, Poco Canyon, 2.6 km NNW of Job Peak, 48 km ENE of Fallon	<i>Aquilegia formosa</i> , <i>Asclepias fasciculatus</i> , <i>Chrysothamnus viscidiflorus</i> , <i>Eleocharis parishii</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Gutierrezia sarothrae</i> , <i>Juncus saximontanus</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , <i>Pleiacanthus spinosus</i> , <i>Ranunculus cymbalaria</i> , <i>Salix laevigata</i> , and <i>Urtica dioica</i> .	Perennial herb with dark green leaves; flowers dark brown-red.	Marc A. Baker	19764	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Ericameria nana</i>	Nuttall			N39.611°W118.266°	1700 m (5570 ft)	Stillwater Range, Poco Canyon, 4 km NW of Job Peak, 46 km ENE of Fallon	<i>Artemisia tridentata</i> scrub with <i>Chrysothamnus viscidiflorus</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus osteosperma</i> , <i>Pinus monophylla</i> , and <i>Pleiacanthus spinosus</i> .	South-facing rock face; flowers yellow.	Marc A. Baker	19765	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
CUPRESSACEAE	Churchill	<i>Juniperus osteosperma</i>	(Torrey) Little			N39.611°W118.266°	1700 m (5570 ft)	Stillwater Range, Poco Canyon, 4 km NW of Job Peak, 46 km ENE of Fallon	<i>Artemisia tridentata</i> scrub with <i>Chrysothamnus viscidiflorus</i> , <i>Ericameria nana</i> , <i>E. nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Pinus monophylla</i> , and <i>Pleiacanthus spinosus</i> .	Common and often dominant pyramidal tree or shrub to 7 m tall, generally with a single main trunk.	Marc A. Baker	19766	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Brickellia microphylla</i>	(Nuttall) A. Gray			N39.6184°W118.3037°	1427 m (4680 ft)	Stillwater Range, Poco Canyon, 7 km NW of Job Peak, 44 km ENE of Fallon	<i>Artemisia tridentata</i> scrub with <i>Chrysothamnus viscidiflorus</i> , <i>Ericameria nana</i> , <i>E. nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Pinus monophylla</i> , and <i>Pleiacanthus spinosus</i> .	Common, rounded shrub to 5dm tall, 1 m broad.	Marc A. Baker	19767	1-Oct-18	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Syphotrichum frondosum</i>	([Nuttall] G. L. Nesom			N39.4992°W118.3378°	1840 m (6040 ft)	Stillwater Range, Sheep Canyon, 8.4 km SW of Mount Lincoln, 38 km east of Fallon	<i>Juncus mexicanus</i> and <i>Tamarix ramosissima</i> .	Local cespitose perennial.	Marc A. Baker	19768	1-Oct-18	with Michelle Cloud-Hughes	La Plata Canyon
ASTERACEAE	Churchill	<i>Lactuca serriola</i>	L.			N39.519°W117.9877°	1675 m (5490 ft)	Clan Alpine Mountains, along Horse Creek, 6.3 km SW of the summit of Mount Augusta, 69k east of Fallon	<i>Artemisia tridentata</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Ribes niveum</i> , <i>Rosa woodsii</i> , <i>Salix exigua</i> , and <i>S. laevigata</i> .	Annual to 1.2 m tall.	Marc A. Baker	19769	2-Oct-18	with Michelle Cloud-Hughes	Mount Augusta Canyon
CYPERACEAE	Churchill	<i>Eleocharis palustris</i>	(L.) Roemer & Schultes			N39.519°W117.9877°	1675 m (5490 ft)	Clan Alpine Mountains, along Horse Creek, 6.3 km SW of the summit of Mount Augusta, 69k east of Fallon	<i>Artemisia tridentata</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Ribes niveum</i> , <i>Rosa woodsii</i> , <i>Salix exigua</i> , and <i>S. laevigata</i> .	Local perennial herb, wet soil.	Marc A. Baker	19770	2-Oct-18	with Michelle Cloud-Hughes	Mount Augusta
ASTERACEAE	Churchill	<i>Erigeron canadensis</i>	L.			N39.519°W117.9877°	1675 m (5490 ft)	Clan Alpine Mountains, along Horse Creek, 6.3 km SW of the summit of Mount Augusta, 69k east of Fallon	<i>Artemisia tridentata</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Ribes niveum</i> , <i>Rosa woodsii</i> , <i>Salix exigua</i> , and <i>S. laevigata</i> .	Erect annual.	Marc A. Baker	19771	2-Oct-18	with Michelle Cloud-Hughes	Mount Augusta
ASTERACEAE	Churchill	<i>Sympyrrhichum eatonii</i>	(A. Gray) G. L. Nesom	Identified by A. Tiehm		N39.519°W117.9877°	1675 m (5490 ft)	Clan Alpine Mountains, along Horse Creek, 6.3 km SW of the summit of Mount Augusta, 69k east of Fallon	<i>Artemisia tridentata</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Ribes niveum</i> , <i>Rosa woodsii</i> , <i>Salix exigua</i> , and <i>S. laevigata</i> .	Ray flowers white, tinged pink-lavender.	Marc A. Baker	19772	2-Oct-18	with Michelle Cloud-Hughes	Mount Augusta
JUNCACEAE	Churchill	<i>Juncus bufonius</i>	L.	var. <i>bifarius</i>		N39.519°W117.9877°	1675 m (5490 ft)	Clan Alpine Mountains, along Horse Creek, 6.3 km SW of the summit of Mount Augusta, 69k east of Fallon	<i>Artemisia tridentata</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Ribes niveum</i> , <i>Rosa woodsii</i> , <i>Salix exigua</i> , and <i>S. laevigata</i> .	Annual.	Marc A. Baker	19774	2-Oct-18	with Michelle Cloud-Hughes	Mount Augusta
JUNCACEAE	Churchill	<i>Juncus longistylis</i>	Torrey			N39.519°W117.9877°	1675 m (5490 ft)	Clan Alpine Mountains, along Horse Creek, 6.3 km SW of the summit of Mount Augusta, 69k east of Fallon	<i>Artemisia tridentata</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Ribes niveum</i> , <i>Rosa woodsii</i> , <i>Salix exigua</i> , and <i>S. laevigata</i> .	Perennial.	Marc A. Baker	19775	2-Oct-18	with Michelle Cloud-Hughes	Mount Augusta
FABACEAE	Churchill	<i>Trifolium variegatum</i>	Nuttall			N39.519°W117.9877°	1675 m (5490 ft)	Clan Alpine Mountains, along Horse Creek, 6.3 km SW of the summit of Mount Augusta, 69k east of Fallon	<i>Artemisia tridentata</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Ribes niveum</i> , <i>Rosa woodsii</i> , <i>Salix exigua</i> , and <i>S. laevigata</i> .	Flowers pale lavender-blue.	Marc A. Baker	19776	2-Oct-18	with Michelle Cloud-Hughes	Mount Augusta
ASTERACEAE	Churchill	<i>Ericameria nauseosa</i>	(Pall. ex Pursh) G. L. Nesom & Baird	var. <i>hololeuca</i>	(A. Gray) G. L. Nesom & Baird	N39.5178°W117.9834°	1830 m (6000 ft)	Clan Alpine Mountains, along Horse Creek, 5.9 km SW of the summit of Mount Augusta, 69k east of Fallon	<i>Artemisia tridentata</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Ribes niveum</i> , <i>Rosa woodsii</i> , <i>Salix exigua</i> , and <i>S. laevigata</i> .	Along dirt road; form with dense, white tomentum.	Marc A. Baker	19777	2-Oct-18	with Michelle Cloud-Hughes	Mount Augusta
CHENOPODIACEAE	Churchill	<i>Chenopodium fremontii</i>	S. Watson			N39.5178°W117.9834°	1830 m (6000 ft)	Clan Alpine Mountains, along Horse Creek, 5.9 km SW of the summit of Mount Augusta, 69k east of Fallon	<i>Artemisia tridentata</i> , <i>Equisetum laevigatum</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Populus fremontii</i> , <i>Ribes niveum</i> , <i>Rosa woodsii</i> , <i>Salix exigua</i> , and <i>S. laevigata</i> .	Erect annual with pale purple stems.	Marc A. Baker	19778	2-Oct-18	with Michelle Cloud-Hughes	Mount Augusta
ASTERACEAE	Churchill	<i>Artemisia ludoviciana</i>	Nuttall	var. <i>incompta</i>	(Nuttall) Cronquist	N39.5178°W117.9834°	1830 m (6000 ft)	Clan Alpine Mountains, along Horse Creek, 5.9 km SW of the summit of Mount Augusta, 69k east of Fallon	<i>Artemisia tridentata</i> , <i>Equisetum laevigatum</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Populus fremontii</i> , <i>Ribes niveum</i> , <i>Rosa woodsii</i> , <i>Salix exigua</i> , and <i>S. laevigata</i> .	Gray-green perennial herb; identified by A. Tiehm.	Marc A. Baker				

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_LonCoordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
OROBANCHACEAE	Nye	<i>Castilleja linariifolia</i>	Bentham			N37.8944°W116.527°	1985 m (6515 ft)	west side of Kawich Range, Stinking Spring, 5.1 km WNW of the summit of Nixon Peak, 64 km ESE of Tonopah	<i>Artemisia tridentata</i> , <i>Epilobium ciliatum</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , and <i>Mimulus guttatus</i> .	Local perennial herb of moist soil; sepals incised more ventrally than dorsally; sepals and tips of bracts orange-red; corolla pale green with pale red margins and dark green callus-like lip.	Marc A. Baker	19792	5-Oct-18	with Michelle Cloud-Hughes	Stinking Spring
ASTERACEAE	Nye	<i>Sympyotrichum lanceolatum</i>	(Willdenow) G. L. Nesom	var. <i>hesperium</i>	(A. Gray) G. L. Nesom	N37.8944°W116.527°	1985 m (6515 ft)	west side of Kawich Range, Stinking Spring, 5.1 km WNW of the summit of Nixon Peak, 64 km ESE of Tonopah	<i>Artemisia tridentata</i> , <i>Epilobium ciliatum</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , and <i>Mimulus guttatus</i> .	Perennial herb.	Marc A. Baker	19793	5-Oct-18	with Michelle Cloud-Hughes	Stinking Spring
JUNCACEAE	Nye	<i>Juncus ensifolius</i>	Wikstr.	var. <i>montanus</i>	(Engelmann) C. L. Hitchcock	N37.8944°W116.527°	1985 m (6515 ft)	west side of Kawich Range, Stinking Spring, 5.1 km WNW of the summit of Nixon Peak, 64 km ESE of Tonopah	<i>Artemisia tridentata</i> , <i>Epilobium ciliatum</i> , <i>Ericameria nauseosa</i> , <i>Juncus balticus</i> , and <i>Mimulus guttatus</i> .	Perennial herb.	Marc A. Baker	19794	5-Oct-18	with Michelle Cloud-Hughes	Stinking Spring
CACTACEAE	Nye	<i>Cylindropuntia echinocarpa</i>	(Engelmann & J. M. Bigelow) F. M. Knuth			N37.9211°W116.591°	1895 m (6216 ft)	west side of Kawich Range, 6.4 km WNW of Stinking Spring, 58 km ESE of Tonopah	<i>Chrysothamnus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>E. viridis</i> , and <i>Hilaria jamesii</i> .	Several individuals locally.	Marc A. Baker	19795	5-Oct-18	with Michelle Cloud-Hughes	Stinking Spring
EUPHORBIACEAE	Nye	<i>Euphorbia serpillifolia</i>	Pers.			N37.9211°W116.591°	1895 m (6216 ft)	west side of Kawich Range, 6.4 km WNW of Stinking Spring, 58 km ESE of Tonopah	<i>Chrysothamnus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>E. viridis</i> , and <i>Hilaria jamesii</i> .	Decumbent to spreading annual, purple-red now.	Marc A. Baker	19796	5-Oct-18	with Michelle Cloud-Hughes	Stinking Spring
ASTERACEAE	Nye	<i>Artemisia tridentata</i>	Nuttall	subsp. <i>wyomingensis</i>	Beetle & A. L. Young	N37.9211°W116.591°	1895 m (6216 ft)	west side of Kawich Range, 6.4 km WNW of Stinking Spring, 58 km ESE of Tonopah	<i>Chrysothamnus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>E. viridis</i> , and <i>Hilaria jamesii</i> .	Decumbent shrub to 1 tall, mostly shorter.	Marc A. Baker	19797	5-Oct-18	with Michelle Cloud-Hughes	Stinking Spring
ASTERACEAE	Nye	<i>Chrysothamnus viscidiflorus</i>	(Hooker) Nuttall	subsp. <i>puberulus</i>	(D. C. Eaton) Hall & Clements	N37.9211°W116.591°	1895 m (6216 ft)	west side of Kawich Range, 6.4 km WNW of Stinking Spring, 58 km ESE of Tonopah	<i>Chrysothamnus viscidiflorus</i> , <i>Ephedra nevadensis</i> , <i>E. viridis</i> , and <i>Hilaria jamesii</i> .	Common rounded shrub, flowers yellow.	Marc A. Baker	19797.1	5-Oct-18	with Michelle Cloud-Hughes	Stinking Spring
SOLANACEAE	Nye	<i>Lycium shockleyi</i>	A. Gray		Identified by Arnold Tiehm May 2019	N38.8365°W118.0927°	1330 m (4365 ft)	Gabbs Wash, 58 km NE of Hawthorne	<i>Artemisia spinescens</i> , <i>Atriplex canescens</i> , <i>Cymopterus corrugatus</i> , <i>Mirabilis alipes</i> , <i>Opuntia polyacantha</i> , <i>Rumex venosus</i> , and <i>Sphaeralcea ambigua</i> .	Common gray-green shrub, generally less than 1 m tall.	Marc A. Baker	20061	8-May-19	with Michelle Cloud-Hughes	Mount Annie SE
APIACEAE	Nye	<i>Cymopterus corrugatus</i>	M. E. Jones		Identified by Arnold Tiehm May 2019	N38.8365°W118.0927°	1330 m (4365 ft)	Gabbs Wash, 58 km NE of Hawthorne	<i>Artemisia spinescens</i> , <i>Atriplex canescens</i> , <i>Lycium shockleyi</i> , <i>Mirabilis alipes</i> , <i>Opuntia polyacantha</i> , <i>Rumex venosus</i> , and <i>Sphaeralcea ambigua</i> .	Common perennial herb.	Marc A. Baker	20063	8-May-19	with Michelle Cloud-Hughes	Mount Annie SE
POLEMONIACEAE	Nye	<i>Gilia sinuata</i>	Bentham		Identified by Arnold Tiehm May 2019	N38.8365°W118.0927°	1330 m (4365 ft)	Gabbs Wash, 58 km NE of Hawthorne	<i>Artemisia spinescens</i> , <i>Astragalus lentiginosus</i> , <i>Atriplex canescens</i> , <i>Cymopterus corrugatus</i> , <i>Lycium shockleyi</i> , <i>Mirabilis alipes</i> , <i>Opuntia polyacantha</i> , <i>Rumex venosus</i> , and <i>Sphaeralcea ambigua</i> . Annuals: <i>Alicella triodon</i> , <i>Atriplex argentea</i> , <i>Bromus tectorum</i> , <i>Chenactis stevioides</i> , <i>Chorispora tenella</i> , <i>Chylismia claviformis</i> , <i>Cleome lutea</i> , <i>Cryptantha circumscissa</i> , <i>C. recurvata</i> , <i>Descurainia sophia</i> , <i>Ipomopsis polycladon</i> , <i>Malacothrix glabrata</i> , <i>Mentzelia albicaulis</i> , <i>Phacelia gymnoclada</i> , <i>Salsola paupercula</i> , and <i>Streptanthella longirostris</i> .	Common annual; flowers white, tinged lavender-pink.	Marc A. Baker	20064	8-May-19	with Michelle Cloud-Hughes	Mount Annie SE
HYDROPHYLACEAE	Nye	<i>Phacelia gymnoclada</i>	Torrey ex S. Watson		Identified by Arnold Tiehm May 2019	N38.8365°W118.0927°	1330 m (4365 ft)	Gabbs Wash, 58 km NE of Hawthorne	<i>Artemisia spinescens</i> , <i>Astragalus lentiginosus</i> , <i>Atriplex canescens</i> , <i>Cymopterus corrugatus</i> , <i>Lycium shockleyi</i> , <i>Mirabilis alipes</i> , <i>Opuntia polyacantha</i> , <i>Rumex venosus</i> , and <i>Sphaeralcea ambigua</i> . Annuals: <i>Alicella triodon</i> , <i>Atriplex argentea</i> , <i>Bromus tectorum</i> , <i>Chenactis stevioides</i> , <i>Chorispora tenella</i> , <i>Chylismia claviformis</i> , <i>Cleome lutea</i> , <i>Cryptantha circumscissa</i> , <i>C. recurvata</i> , <i>Descurainia sophia</i> , <i>Gilia sinuata</i> , <i>Ipomopsis polycladon</i> , <i>Malacothrix glabrata</i> , <i>Mentzelia albicaulis</i> , <i>Salsola paupercula</i> , and <i>Streptanthella longirostris</i> .	Common decumbent annual.	Marc A. Baker	20065	8-May-19	with Michelle Cloud-Hughes	Mount Annie SE
POLYGONACEAE	Nye	<i>Rumex venosus</i>	Pursh		Identified by Arnold Tiehm May 2019	N38.8365°W118.0927°	1330 m (4365 ft)	Gabbs Wash, 58 km NE of Hawthorne	<i>Artemisia spinescens</i> , <i>Atriplex canescens</i> , <i>Cymopterus corrugatus</i> , <i>Lycium shockleyi</i> , <i>Mirabilis alipes</i> , <i>Opuntia polyacantha</i> , and <i>Sphaeralcea ambigua</i> .	Occasional perennial herb spreading by rhizomes.	Marc A. Baker	20066	8-May-19	with Michelle Cloud-Hughes	Mount Annie SE
BRASSICACEAE	Nye	<i>Streptanthella longirostris</i>	(S. Watson) Rydberg		Identified by Arnold Tiehm May 2019	N38.8365°W118.0927°	1330 m (4365 ft)	Gabbs Wash, 58 km NE of Hawthorne	<i>Artemisia spinescens</i> , <i>Astragalus lentiginosus</i> , <i>Atriplex canescens</i> , <i>Cymopterus corrugatus</i> , <i>Lycium shockleyi</i> , <i>Mirabilis alipes</i> , <i>Opuntia polyacantha</i> , <i>Rumex venosus</i> , and <i>Sphaeralcea ambigua</i> . Annuals: <i>Alicella triodon</i> , <i>Atriplex argentea</i> , <i>Bromus tectorum</i> , <i>Chenactis stevioides</i> , <i>Chorispora tenella</i> , <i>Chylismia claviformis</i> , <i>Cleome lutea</i> , <i>Cryptantha circumscissa</i> , <i>C. recurvata</i> , <i>Descurainia sophia</i> , <i>Gilia sinuata</i> , <i>Ipomopsis polycladon</i> , <i>Malacothrix glabrata</i> , <i>Mentzelia albicaulis</i> , <i>Phacelia gymnoclada</i> , and <i>Salsola paupercula</i> .	Common mostly erect annual.	Marc A. Baker	20067	8-May-19	with Michelle Cloud-Hughes	Mount Annie SE
CHENOPodiaceae	Nye	<i>Atriplex argentea</i>	Nuttall	var. <i>hillmanii</i>	M. E. Jones	N38.8365°W118.0927°	1330 m (4365 ft)	Gabbs Wash, 58 km NE of Hawthorne	<i>Artemisia spinescens</i> , <i>Astragalus lentiginosus</i> , <i>Atriplex canescens</i> , <i>Cymopterus corrugatus</i> , <i>Lycium shockleyi</i> , <i>Mirabilis alipes</i> , <i>Opuntia polyacantha</i> , <i>Rumex venosus</i> , and <i>Sphaeralcea ambigua</i> . Annuals: <i>Alicella triodon</i> , <i>Bromus tectorum</i> , <i>Chenactis stevioides</i> , <i>Chorispora tenella</i> , <i>Chylismia claviformis</i> , <i>Cleome lutea</i> , <i>Cryptantha circumscissa</i> , <i>C. recurvata</i> , <i>Descurainia sophia</i> , <i>Gilia sinuata</i> , <i>Ipomopsis polycladon</i> , <i>Malacothrix glabrata</i> , <i>Mentzelia albicaulis</i> , <i>Phacelia gymnoclada</i> , <i>Salsola paupercula</i> , and <i>Streptanthella longirostris</i> .	Common mostly erect annual; identified by Arnold Tiehm, May 2019.	Marc A. Baker	20068	8-May-19	with Michelle Cloud-Hughes	Mount Annie SE
FABACEAE	Nye	<i>Astragalus lentiginosus</i>	Douglas	var. <i>fremontii</i>	(A. Gray) S. Watson	N38.8365°W118.0927°	1330 m (4365 ft)	Gabbs Wash, 58 km NE of Hawthorne	<i>Artemisia spinescens</i> , <i>Atriplex canescens</i> , <i>Cymopterus corrugatus</i> , <i>Lycium shockleyi</i> , <i>Mirabilis alipes</i> , <i>Opuntia polyacantha</i> , <i>Rumex venosus</i> , and <i>Sphaeralcea ambigua</i> .	Common gray-green annual; flowers pink-purple, drying blue; identified by Arnold Tiehm, May 2019.	Marc A. Baker	20069	8-May-19	with Michelle Cloud-Hughes	Mount Annie SE
ONAGRACEAE	Mineral	<i>Eremothera boothii</i>	(Douglas) W. L. Wagner & Hoch	subsp. <i>alyssoides</i>	(Hook. & Arn.) W. L. Wagner & Hoch	N38.8879°W118.1974°	1287 m (4220 ft)	Gabbs Valley, between Black Hills and Fissure Ridge, 55 km NE of Hawthorne, NW-facing gentle bajada	<i>Chenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleome lutea</i> , <i>Cryptantha circumscissa</i> , <i>Euphorbia nevadensis</i> , <i>Gilia sinuata</i> , <i>Glyptopeura marginata</i> , <i>Holozoton glomerata</i> , and <i>Psathyrotes annua</i> .	Common annual; flowers white, tinged pink with age.	Marc A. Baker	20070	8-May-19	with Michelle Cloud-Hughes	Mount Annie
ASTERACEAE	Mineral	<i>Chaenactis carphoclinia</i>	A. Gray			N38.8875°W118.1916°	1308 m (4290 ft)	Gabbs Valley, between Black Hills and Fissure Ridge, 55 km NE of Hawthorne, Low hills of brown volcanic gravel	<i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Blepharidachne kingii</i> , <i>Chenactis stevioides</i> , <i>C. macrocartha</i> , <i>Chaetadelpha wheeleri</i> , <i>Chylismia claviformis</i> , <i>Cleome lutea</i> , <i>Cryptantha circumscissa</i> , <i>C. nevadensis</i> , <i>C. recurvata</i> , <i>Elymus elymoides</i> , <i>Eriogonum inflatum</i> , <i>E. microthecum</i> , <i>E. nidularium</i> , <i>E. pusillum</i> , <i>Euphorbia nevadensis</i> , <i>Gilia sinuata</i> , <i>Glyptopeura marginata</i> , <i>Holozoton glomerata</i> , <i>Hilaria jamesii</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium fremontii</i> , <i>L. lasiocarpum</i> , <i>Lycium shockleyi</i> , <i>Malacothrix glabrata</i> , <i>Neokochia americana</i> , <i>Psathyrotes annua</i> , and <i>Sphaeralcea ambigua</i> .	Common annual; flowers white.	Marc A. Baker	20071	8-May-19	with Michelle Cloud-Hughes	Mount Annie
ASTERACEAE	Mineral	<i>Chaenactis macroantha</i>	D. C. Eat.			N38.8875°W118.1916°	1308 m (4290 ft)	Gabbs Valley, between Black Hills and Fissure Ridge, 55 km NE of Hawthorne, Low hills of brown volcanic gravel	<i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Blepharidachne kingii</i> , <i>Chenactis stevioides</i> , <i>C. macrocartha</i> , <i>Chaetadelpha wheeleri</i> , <i>Chylismia claviformis</i> , <i>Cleome lutea</i> , <i>Cryptantha circumscissa</i> , <i>C. nevadensis</i> , <i>C. recurvata</i> , <i>Elymus elymoides</i> , <i>Eriogonum inflatum</i> , <i>E. microthecum</i> , <i>E. nidularium</i> , <i>E. pusillum</i> , <i>Euphorbia nevadensis</i> , <i>Gilia sinuata</i> , <i>Glyptopeura marginata</i> , <i>Holozoton glomerata</i> , <i>Hilaria jamesii</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium fremontii</i> , <i>L. lasiocarpum</i> , <i>Lycium shockleyi</i> , <i>Malacothrix glabrata</i> , <i>Neokochia americana</i> , <i>Psathyrotes annua</i> , and <i>Sphaeralcea ambigua</i> .	Infrequent annual; flowers white, tipped with pale pink.	Marc A. Baker	20072	8-May-19	with Michelle Cloud-Hughes	Mount Annie
CHENOPodiaceae	Mineral	<i>Neokochia americana</i>	(S. Watson) G. L. Chu & S. C. Sand.		Identified by Arnold Tiehm May 2019	N38.8875°W118.1916°	1308 m (4290 ft)	Gabbs Valley, between Black Hills and Fissure Ridge, 55 km NE of Hawthorne, Low hills of brown volcanic gravel	<i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Blepharidachne kingii</i> , <i>Chenactis stevioides</i> , <i>C. macrocartha</i> , <i>Chaetadelpha wheeleri</i> , <i>Chylismia claviformis</i> , <i>Cleome lutea</i> , <i>Cryptantha circumscissa</i> , <i>C. nevadensis</i> , <i>C. recurvata</i> , <i>Elymus elymoides</i> , <i>Eriogonum inflatum</i> , <i>E. microthecum</i> , <i>E. nidularium</i> , <i>E. pusillum</i> , <i>Euphorbia nevadensis</i> , <i>Gilia sinuata</i> , <i>Glyptopeura marginata</i> , <i>Holozoton glomerata</i> , <i>Hilaria jamesii</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium fremontii</i> , <i>L. lasiocarpum</i> , <i>Lycium shockleyi</i> , <i>Malacothrix glabrata</i> , <i>Neokochia americana</i> , <i>Psathyrotes annua</i> , and <i>Sphaeralcea ambigua</i> .	Frequent blue-green, mostly herbaceous, shrub.	Marc A. Baker	20073	8-May-19	with Michelle Cloud-Hughes	Mount Annie
POACEAE	Mineral	<i>Hilaria jamesii</i>	(Torrey) Bentham			N38.8875°W118.1916°	1308 m (4290 ft)	Gabbs Valley, between Black Hills and Fissure Ridge, 55 km NE of Hawthorne, Low hills of brown volcanic gravel	<i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Blepharidachne kingii</i> , <i>Chenactis stevioides</i> , <i>C. macrocartha</i> , <i>Chaetadelpha wheeleri</i> , <i>Chylismia claviformis</i> , <i>Cleome lutea</i> , <i>Cryptantha circumscissa</i> , <i>C. nevadensis</i> , <i>C. recurvata</i> , <i>Elymus elymoides</i> , <i>Eriogonum inflatum</i> , <i>E. microthecum</i> , <i>E. nidularium</i> , <i>E. pusillum</i> , <i>Euphorbia nevadensis</i> , <i>Gilia sinuata</i>						

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
POLEMONIACEAE	Nye	<i>Aliciella monoensis</i>	J. M. Porter		Identified by Arnold Tiehm May 2019	N38.9331°W118.1820°	1265 m (4150 ft)	6.2 km SSW of Mount Annie, 60km NE of Hawthorne	<i>Artemisia spinescens</i> , <i>Atriplex polycarpa</i> , <i>Chaetadelpha wheeleri</i> , <i>Chylismia claviformis</i> , <i>Eriogonum reniforme</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium flavum</i> , <i>Lepidium lasiocarpum</i> , <i>Microseris pulchella</i> , <i>Plagiobothrys kingii</i> , and <i>Sphaeralcea ambigua</i> .	Annual, flowers white.	Marc A. Baker	20092	9-May-19	with Michelle Cloud-Hughes	Mount Annie
BORAGINACEAE	Nye	<i>Plagiobothrys kingii</i>	(S. Watson) A. Gray	var. <i>harknessii</i>	(E. Greene) Jepson	N38.9331°W118.1820°	1265 m (4150 ft)	6.2 km SSW of Mount Annie, 60km NE of Hawthorne	<i>Aliciella monoensis</i> , <i>Artemisia spinescens</i> , <i>Atriplex polycarpa</i> , <i>Chaetadelpha wheeleri</i> , <i>Chylismia claviformis</i> , <i>Eriogonum reniforme</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium flavum</i> , <i>Lepidium lasiocarpum</i> , <i>Microseris pulchella</i> , and <i>Sphaeralcea ambigua</i> .	Annual, flowers white; identified by Arnold Tiehm, May 2019.	Marc A. Baker	20093	9-May-19	with Michelle Cloud-Hughes	Mount Annie
FABACEAE	Nye	<i>Lupinus pusillus</i>	Pursh	var. <i>intermontanus</i>	(A. Heller) C. P. Sm.	N38.8900°W118.1490°	1310 m (4295 ft)	Gabbs Valley, 150 m NNW of Lower Phillips Well, 9.5 km SSW of the summit of Mount Annie, 58 km NE of Hawthorne	<i>Abronia turbinata</i> , <i>Astragalus geyeri</i> , <i>Cleome lutea</i> , <i>Cymopterus corrugatus</i> , <i>Descurainia pinnata</i> , <i>Gilia sinuata</i> , <i>Glyptopleura marginata</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium lasiocarpum</i> , <i>Lycium shockleyi</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Salsola paulsenii</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Common annual, banner white with blue-purple margins, wings blue-purple; identified by Arnold Tiehm, May 2019.	Marc A. Baker	20095	9-May-19	with Michelle Cloud-Hughes	Mount Annie
FABACEAE	Nye	<i>Astragalus geyeri</i>	A. Gray	var. <i>geyeri</i>		N38.8900°W118.1490°	1310 m (4295 ft)	Gabbs Valley, 150 m NNW of Lower Phillips Well, 9.5 km SSW of the summit of Mount Annie, 58 km NE of Hawthorne	<i>Abronia turbinata</i> , <i>Astragalus geyeri</i> , <i>Cleome lutea</i> , <i>Cymopterus corrugatus</i> , <i>Descurainia pinnata</i> , <i>Gilia sinuata</i> , <i>Glyptopleura marginata</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium lasiocarpum</i> , <i>Lupinus pusillus</i> , <i>Lycium shockleyi</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Salsola paulsenii</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Common annual, flowers white with pale purple banner and veins.	Marc A. Baker	20096	9-May-19	with Michelle Cloud-Hughes	Mount Annie
ASTERACEAE	Nye	<i>Malacothrix sonchoides</i>	(Nuttall) Torrey & Gray			N38.8900°W118.1490°	1310 m (4295 ft)	Gabbs Valley, 150 m NNW of Lower Phillips Well, 9.5 km SSW of the summit of Mount Annie, 58 km NE of Hawthorne	<i>Abronia turbinata</i> , <i>Astragalus geyeri</i> , <i>Cleome lutea</i> , <i>Cymopterus corrugatus</i> , <i>Descurainia pinnata</i> , <i>Gilia sinuata</i> , <i>Glyptopleura marginata</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium lasiocarpum</i> , <i>Lupinus pusillus</i> , <i>Lycium shockleyi</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Salsola paulsenii</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Common annual, flowers yellow.	Marc A. Baker	20097	9-May-19	with Michelle Cloud-Hughes	Mount Annie
BRASSICACEAE	Nye	<i>Lepidium lasiocarpum</i>	Nuttall		Identified by Arnold Tiehm May 2019	N38.8900°W118.1490°	1310 m (4295 ft)	Gabbs Valley, 150 m NNW of Lower Phillips Well, 9.5 km SSW of the summit of Mount Annie, 58 km NE of Hawthorne	<i>Abronia turbinata</i> , <i>Astragalus geyeri</i> , <i>Cleome lutea</i> , <i>Cymopterus corrugatus</i> , <i>Descurainia pinnata</i> , <i>Gilia sinuata</i> , <i>Glyptopleura marginata</i> , <i>Ipomopsis polycladon</i> , <i>Lupinus pusillus</i> , <i>Lycium shockleyi</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Salsola paulsenii</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Common annual.	Marc A. Baker	20098	9-May-19	with Michelle Cloud-Hughes	Mount Annie
BRASSICACEAE	Nye	<i>Lycium shockleyi</i>	A. Gray		Identified by Arnold Tiehm May 2019	N38.8900°W118.1490°	1310 m (4295 ft)	Gabbs Valley, 150 m NNW of Lower Phillips Well, 9.5 km SSW of the summit of Mount Annie, 58 km NE of Hawthorne	<i>Abronia turbinata</i> , <i>Astragalus geyeri</i> , <i>Cleome lutea</i> , <i>Cymopterus corrugatus</i> , <i>Descurainia pinnata</i> , <i>Gilia sinuata</i> , <i>Glyptopleura marginata</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium lasiocarpum</i> , <i>Lupinus pusillus</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Salsola paulsenii</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Common shrub.	Marc A. Baker	20099	9-May-19	with Michelle Cloud-Hughes	Mount Annie
POLEMONIACEAE	Nye	<i>Loeseliastrum schottii</i>	(Torrey) Timbrook		Identified by Arnold Tiehm May 2019	N38.9390°W118.1611°	1314 m (4310 ft)	drainage between Fissure Ridge and Monte Cristo Mountains, 4.5 km SSW of the summit of Mount Annie, 61 km NE of Hawthorne	<i>Aliciella hutchinsifolia</i> , <i>A. lottiae</i> , <i>Ambrosia salsola</i> , <i>Astragalus geyeri</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cryptantha nevadensis</i> , <i>C. circumscissa</i> , <i>Ephedra nevadensis</i> , <i>Gilia sinuata</i> , <i>Grayia spinosa</i> , <i>Lepidium lasiocarpum</i> , <i>Lupinus pusillus</i> , <i>Malacothrix sonchoides</i> , <i>M. glabrata</i> , <i>Mentzelia albicaulis</i> , <i>Nama aretioides</i> , <i>Oenothera cespitosa</i> , <i>Phacelia crenulata</i> , <i>Plagiobothrys kingii</i> , <i>Psorothamnus polydenius</i> , <i>Salsola paulsenii</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Locally abundant annual, flowers white.	Marc A. Baker	20100	10-May-19	with Michelle Cloud-Hughes	Mount Annie
EPHEDRACEAE	Nye	<i>Ephedra nevadensis</i>	S. Watson			N38.9390°W118.1611°	1314 m (4310 ft)	drainage between Fissure Ridge and Monte Cristo Mountains, 4.5 km SSW of the summit of Mount Annie, 61 km NE of Hawthorne	<i>Aliciella hutchinsifolia</i> , <i>A. lottiae</i> , <i>Ambrosia salsola</i> , <i>Astragalus geyeri</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cryptantha nevadensis</i> , <i>C. circumscissa</i> , <i>Ephedra nevadensis</i> , <i>Gilia sinuata</i> , <i>Grayia spinosa</i> , <i>Lepidium lasiocarpum</i> , <i>Loeseliastrum schottii</i> , <i>Malacothrix sonchoides</i> , <i>M. glabrata</i> , <i>Mentzelia albicaulis</i> , <i>Nama aretioides</i> , <i>Oenothera cespitosa</i> , <i>Phacelia crenulata</i> , <i>Plagiobothrys kingii</i> , <i>Psorothamnus polydenius</i> , <i>Salsola paulsenii</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Infrequent green shrub.	Marc A. Baker	20101	10-May-19	with Michelle Cloud-Hughes	Mount Annie
POLEMONIACEAE	Nye	<i>Aliciella lottiae</i>	(A. G. Day) J. M. Porter		Identified by Arnold Tiehm May 2019	N38.9390°W118.1611°	1314 m (4310 ft)	drainage between Fissure Ridge and Monte Cristo Mountains, 4.5 km SSW of the summit of Mount Annie, 61 km NE of Hawthorne	<i>Aliciella hutchinsifolia</i> , <i>Ambrosia salsola</i> , <i>Astragalus geyeri</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cryptantha nevadensis</i> , <i>C. circumscissa</i> , <i>Ephedra nevadensis</i> , <i>Gilia sinuata</i> , <i>Grayia spinosa</i> , <i>Lepidium lasiocarpum</i> , <i>Loeseliastrum schottii</i> , <i>Malacothrix sonchoides</i> , <i>M. glabrata</i> , <i>Mentzelia albicaulis</i> , <i>Nama aretioides</i> , <i>Oenothera cespitosa</i> , <i>Phacelia crenulata</i> , <i>Plagiobothrys kingii</i> , <i>Psorothamnus polydenius</i> , <i>Salsola paulsenii</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Flower buds pink.	Marc A. Baker	20102	10-May-19	with Michelle Cloud-Hughes	Mount Annie
POLEMONIACEAE	Nye	<i>Aliciella hutchinsifolia</i>	(Rydb erg) J. M. Porter		Identified by Arnold Tiehm May 2019	N38.9390°W118.1611°	1314 m (4310 ft)	drainage between Fissure Ridge and Monte Cristo Mountains, 4.5 km SSW of the summit of Mount Annie, 61 km NE of Hawthorne	<i>Aliciella lottiae</i> , <i>Ambrosia salsola</i> , <i>Astragalus geyeri</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cryptantha nevadensis</i> , <i>C. circumscissa</i> , <i>Ephedra nevadensis</i> , <i>Gilia sinuata</i> , <i>Grayia spinosa</i> , <i>Lepidium lasiocarpum</i> , <i>Loeseliastrum schottii</i> , <i>Malacothrix sonchoides</i> , <i>M. glabrata</i> , <i>Mentzelia albicaulis</i> , <i>Nama aretioides</i> , <i>Oenothera cespitosa</i> , <i>Phacelia crenulata</i> , <i>Plagiobothrys kingii</i> , <i>Psorothamnus polydenius</i> , <i>Salsola paulsenii</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Flowers white, tinged lavender especially dorsally, throat yellow-green, tube pale purple.	Marc A. Baker	20103	10-May-19	with Michelle Cloud-Hughes	Mount Annie
POLEMONIACEAE	Nye	<i>Aliciella lottiae</i>	(A. G. Day) J. M. Porter		Identified by Arnold Tiehm May 2019	N38.9390°W118.1611°	1314 m (4310 ft)	drainage between Fissure Ridge and Monte Cristo Mountains, 4.5 km SSW of the summit of Mount Annie, 61 km NE of Hawthorne	<i>Aliciella lottiae</i> , <i>Ambrosia salsola</i> , <i>Astragalus geyeri</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cryptantha nevadensis</i> , <i>C. circumscissa</i> , <i>Ephedra nevadensis</i> , <i>Gilia sinuata</i> , <i>Grayia spinosa</i> , <i>Lepidium lasiocarpum</i> , <i>Loeseliastrum schottii</i> , <i>Malacothrix sonchoides</i> , <i>M. glabrata</i> , <i>Mentzelia albicaulis</i> , <i>Nama aretioides</i> , <i>Oenothera cespitosa</i> , <i>Phacelia crenulata</i> , <i>Plagiobothrys kingii</i> , <i>Psorothamnus polydenius</i> , <i>Salsola paulsenii</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Leaves forming a flat rosette; flowers white, tinged lavender-pink, drying blue.	Marc A. Baker	20104	10-May-19	with Michelle Cloud-Hughes	Mount Annie
HYDROPHYLACEAE	Mineral	<i>Phacelia gymnoclada</i>	Torrey ex S. Watson		Identified by Arnold Tiehm May 2019	N38.8814°W118.1850°	1357 m (4450 ft)	Gabbs Valley, between Black Hills and Fissure Ridge, 55 km NE of Hawthorne, Low hills of brown volcanic gravel	<i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Blepharidachne kingii</i> , <i>Chaenactis carphoclinia</i> , <i>C. stevioides</i> , <i>C. macranthus</i> , <i>Chaetadelpha wheeleri</i> , <i>Chylismia claviformis</i> , <i>Cleome lutea</i> , <i>Cryptantha circumscissa</i> , <i>C. nevadensis</i> , <i>C. pterocarya</i> , <i>C. recurvata</i> , <i>Elymus elymoides</i> , <i>Eriogonum inflatum</i> , <i>E. microthecae</i> , <i>E. nidularium</i> , <i>E. pusillum</i> , <i>Euphorbia nevadensis</i> , <i>Gilia sinuata</i> , <i>Glyptopeura marginata</i> , <i>Holozoton glomerata</i> , <i>Hilaria jamesii</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium fremontii</i> , <i>L. lasiocarpum</i> , <i>Linanthus pungens</i> , <i>Lycium shockleyi</i> , <i>Malacothrix glabrata</i> , <i>Neokochia americana</i> , <i>Plagiobothrys kingii</i> , <i>Psathyrotes annua</i> , and <i>Sphaeralcea ambigua</i> .	Common annual, corolla limb dark red-purple, tube yellow-green.	Marc A. Baker	20105	10-May-19	with Michelle Cloud-Hughes	Mount Annie
ASTERACEAE	Mineral	<i>Linanthus pungens</i>	(Torrey) J. M. Porter & L. A. Johnson			N38.8814°W118.1850°	1357 m (4450 ft)	Gabbs Valley, between Black Hills and Fissure Ridge, 55 km NE of Hawthorne, Low hills of brown volcanic gravel	<i>Ambrosia salsola</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Blepharidachne kingii</i> , <i>Chaenactis carphoclinia</i> , <i>C. stevioides</i> , <i>C. macranthus</i> , <i>Chaetadelpha wheeleri</i> , <i>Chylismia claviformis</i> , <i>Cleome lutea</i> , <i>Cryptantha circumscissa</i> , <i>C. nevadensis</i> , <i>C. pterocarya</i> , <i>C. recurvata</i> , <i>Elymus elymoides</i> , <i>Eriogonum inflatum</i> , <i>E. microthecae</i> , <i>E. nidularium</i> , <i>E. pusillum</i> , <i>Euphorbia nevadensis</i> , <i>Gilia sinuata</i> , <i>Glyptopeura marginata</i> , <i>Holozoton glomerata</i> , <i>Hilaria jamesii</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium fremontii</i> , <i>L. lasiocarpum</i> , <i>Lycium shockleyi</i> , <i>Malacothrix glabrata</i> , <i>Neokochia americana</i> , <i>Phacelia gymnoclada</i> , <i>Psathyrotes annua</i> , and <i>Sphaeralcea ambigua</i> .	Frequent rounded shrub.	Marc A. Baker	20106	10-May-19	with Michelle Cloud-Hughes	Mount Annie
HYDROPHYLACEAE	Nye	<i>Nama aretioides</i>	Hook. & Arn.) Brand	var. <i>multiflora</i>	(A. Heller) Jepson	N38.8900°W118.1490°	1310 m (4295 ft)	Gabbs Valley, 150 m NNW of Lower Phillips Well, 9.5 km SSW of the summit of Mount Annie, 58 km NE of Hawthorne	<i>Abronia turbinata</i> , <i>Astragalus geyeri</i> , <i>Cleome lutea</i> , <i>Cymopterus corrugatus</i> , <i>Descurainia pinnata</i> , <i>Gilia sinuata</i> , <i>Glyptopeura marginata</i> , <i>Ipomopsis polycladon</i> , <i>Lepidium lasiocarpum</i> , <i>Lupinus pusillus</i> , <i>Lycium shockleyi</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Nama densa</i> , <i>Salsola paulsenii</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Common prostrate annual, corolla dark pink with yellow center.	Marc A. Baker	20108	10-May-19	with Michelle Cloud-Hughes	

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_LonCoordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
NYCTAGINACEAE	Nye	<i>Mirabilis alipes</i>	(S. Watson) Pilz			N39.0405°W118.0036°	1585 m (5200 ft)	20km NNW of Gabbs, 82 km SE of Fallon, 12.6 km ENE of the summit of Mount Annie	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Common perennial herb.	Marc A. Baker	20113	11-May-19	with Michelle Cloud-Hughes	Broken Hills
POLYGONACEAE	Nye	<i>Eriogonum rubricaulis</i>	Tidestr.		Identified by Arnold Tiehm May 2019	N39.0405°W118.0036°	1585 m (5200 ft)	20km NNW of Gabbs, 82 km SE of Fallon, 12.6 km ENE of the summit of Mount Annie	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Frequent and sometimes abundant, mostly erect annual, flowers white.	Marc A. Baker	20114	11-May-19	with Michelle Cloud-Hughes	Broken Hills
POACEAE	Nye	<i>Hilaria jamesii</i>	(Torrey) Bentham			N39.0405°W118.0036°	1585 m (5200 ft)	20km NNW of Gabbs, 82 km SE of Fallon, 12.6 km ENE of the summit of Mount Annie	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Common perennial.	Marc A. Baker	20115	11-May-19	with Michelle Cloud-Hughes	Broken Hills
MALVACEAE	Nye	<i>Sphaeralcea ambigua</i>	A. Gray		Identified by Arnold Tiehm May 2019	N39.0405°W118.0036°	1585 m (5200 ft)	20km NNW of Gabbs, 82 km SE of Fallon, 12.6 km ENE of the summit of Mount Annie	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Common perennial to subshrub, leaves shallowly to deeply lobed, pale orange to red-orange corolla.	Marc A. Baker	20116	11-May-19	with Michelle Cloud-Hughes	Broken Hills
CHENOPodiaceae	Nye	<i>Atriplex confertifolia</i>	(Torrey & Frémont) S. Watson			N39.0405°W118.0036°	1585 m (5200 ft)	20km NNW of Gabbs, 82 km SE of Fallon, 12.6 km ENE of the summit of Mount Annie	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Common and often subdominant shrub.	Marc A. Baker	20117	11-May-19	with Michelle Cloud-Hughes	Broken Hills
BRASSICACEAE	Mineral	<i>Caulanthus pilosus</i>	S. Watson		Identified by Arnold Tiehm May 2019	N39.0481°W118.0068°	1600 m (5255 ft)	20km NNW of Gabbs, 82 km SE of Fallon, 12.5 km ENE of the summit of Mount Annie	<i>Allium atrorubens</i> , <i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Asclepias eastwoodiana</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Lomatium foeniculaceum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Phlox longifolia</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Erect, gray-green annual to 1 m tall; flower buds dark purple, corolla white with purple center, calyx purple, becoming pale with age.	Marc A. Baker	20118	11-May-19	with Michelle Cloud-Hughes	Broken Hills
POLEMONIACEAE	Mineral	<i>Phlox longifolia</i>	Nuttall		Identified by Arnold Tiehm May 2019	N39.0481°W118.0068°	1600 m (5255 ft)	20km NNW of Gabbs, 82 km SE of Fallon, 12.5 km ENE of the summit of Mount Annie	<i>Allium atrorubens</i> , <i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Asclepias eastwoodiana</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Lomatium foeniculaceum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Perennial herb cloning from long, thin rhizomes; corolla pale lavender to pink-lavender.	Marc A. Baker	20119	11-May-19	with Michelle Cloud-Hughes	Broken Hills
APIACEAE	Mineral	<i>Lomatium foeniculaceum</i>	(Nuttall) J. M. Coulter & J. N. Rose	var. macdougalii	(J. M. Coulter & J. N. Rose) W. L. Theob.	N39.0481°W118.0068°	1600 m (5255 ft)	20 km NW of Gabbs, 82 km SE of Fallon, 12.5 km ENE of the summit of Mount Annie	<i>Allium atrorubens</i> , <i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Asclepias eastwoodiana</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Phlox longifolia</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Perennial herb, flowers yellow-green; identified by Arnold Tiehm, May 2019.	Marc A. Baker	20120	11-May-19	with Michelle Cloud-Hughes	Broken Hills
ASCLEPIADACEAE	Mineral	<i>Asclepius eastwoodiana</i>	Barneby		Identified by Arnold Tiehm May 2019	N39.0481°W118.0068°	1600 m (5255 ft)	20 km NW of Gabbs, 82 km SE of Fallon, 12.5 km ENE of the summit of Mount Annie	<i>Allium atrorubens</i> , <i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Asclepias eastwoodiana</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Lomatium foeniculaceum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mirabilis alipes</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Phlox longifolia</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Along small ravine of ash soil; sepals brown-purple, corolla deep brown-purple outside, white inside; local dense population about 20 m long, several hundred shoots.	Marc A. Baker	20121	11-May-19	with Michelle Cloud-Hughes	Broken Hills
ALLIACEAE	Mineral	<i>Allium atrorubens</i>	S. Watson	var. atrorubens	Identified by Arnold Tiehm May 2019	N39.0481°W118.0068°	1600 m (5255 ft) elevation	20 km NW of Gabbs, 82 km SE of Fallon, 12.5 km ENE of the summit of Mount Annie	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Asclepias eastwoodiana</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Lomatium foeniculaceum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Phlox longifolia</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Sphaeralcea ambigua</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	East-facing slope of rhyolite sand and gravel with basalt cobbles and rocks; local population.	Marc A. Baker	20122	11-May-19	with Michelle Cloud-Hughes	Broken Hills
POLYGONACEAE	Mineral	<i>Eriogonum rubricaulis</i>	Tidestr.			N39.0474°W118.0143°	1600 m (5250 ft)	20km NNW of Gabbs, 82 km SE of Fallon, 12 km ENE of the summit of Mount Annie	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Lupinus brevicaulis</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Monolepis nuttalliana</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Frequent and sometimes abundant, mostly erect annual, flowers pale yellow.	Marc A. Baker	20123	11-May-19	with Michelle Cloud-Hughes	Broken Hills
CHENOPodiaceae	Mineral	<i>Monolepis nuttalliana</i>	(Schult.) E. Greene		Identified by Arnold Tiehm May 2019	N39.0474°W118.0143°	1600 m (5250 ft)	20km NNW of Gabbs, 82 km SE of Fallon, 12 km ENE of the summit of Mount Annie	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Lupinus brevicaulis</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Frequent annual on loose soils, stems red-purple, leaves gray-green aging pale red-purple.	Marc A. Baker	20124	11-May-19	with Michelle Cloud-Hughes	Broken Hills
FABACEAE	Mineral	<i>Lupinus brevicaulis</i>	S. Watson		Identified by Arnold Tiehm May 2019	N39.0474°W118.0143°	1600 m (5250 ft)	20km NNW of Gabbs, 82 km SE of Fallon, 12 km ENE of the summit of Mount Annie	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Monolepis nuttalliana</i> , <i>Nama aretioides</i> , <i>Phacelia gymnoclada</i> , <i>Salsola tragus</i> , <i>Sarcobatus vermiculatus</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia spinosa</i> .	Corolla dark blue-purple, banner white with dark purple margins.	Marc A. Baker	20125	11-May-19	with Michelle Cloud-Hughes	Broken Hills
HYDROPHYLACEAE	Mineral	<i>Phocelia glaberrima</i>	(Torrey ex S. Watson) J. T. Howell			N39.0497°W118.0090°	1615 m (5300 ft)	20km NNW of Gabbs, 82 km SE of Fallon, 12.5 km ENE of the summit of Mount Annie	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex confertifolia</i> , <i>Bromus tectorum</i> , <i>Chaenactis stevioides</i> , <i>Chylismia claviformis</i> , <i>Cleomella hillmani</i> , <i>Delphinium andersonii</i> , <i>Descurainia pinnata</i> , <i>D. sophia</i> , <i>Elymus elymoides</i> , <i>Eriogonum rubricaulis</i> , <i>Hilaria jamesii</i> , <i>Lappula occidentalis</i> , <i>Lepidium lasiocarpum</i> , <i>Malacothrix glabrata</i> , <i>Malacothrix sonchoides</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Monolepis nuttalliana</i> , <i>Nama aretioides</i> , <i></i>						

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_LonCoordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
FABACEAE	Mineral	<i>Astragalus pseudodanthus</i>	Barneby		Identified by Arnold Tiehm May 2019	N38.8366°W118.1111°	1330 m (4360 ft)	Gabbs Valley, 16 km south of the summit of Mount Annie, 57 km NE of Hawthorne	<i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>A. lentiginosus</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Chenopodium stevioides</i> , <i>Chrysanthus claviformis</i> , <i>Cryptantha circumscissa</i> , <i>Cymopterus corrugatus</i> , <i>Descurainia pinnata</i> , <i>Krascheninnikovia lanata</i> , <i>Lupinus pusillus</i> , <i>Malacothrix glabrata</i> , <i>Mentzelia albicaulis</i> , <i>Nama aretioides</i> , <i>Oenothera cespitosa</i> , <i>Psorothamnus polydenius</i> , <i>Salsola pustulosa</i> , <i>Sarcobatus vermiculatus</i> , <i>Stanleya pinnata</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Decumbent, gray-green perennial herb; corolla pale pink-purple, sometimes darker.	Marc A. Baker	20128	11-May-19	with Michelle Cloud-Hughes	Mount Annie SE
POLYGONACEAE	Nye	<i>Eriogonum pusillum</i>	Torrey & A. Gray		Identified by Arnold Tiehm May 2019	N38.8659°W118.1117°	1330 m (4360 ft)	Gabbs Valley, 17 km south of the summit of Mount Annie, 58 km NE of Hawthorne	<i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>A. lentiginosus</i> , <i>Aneurolobanthus</i> , <i>Atriplex canescens</i> , <i>A. confertifolia</i> , <i>Bromus tectorum</i> , <i>Chenopodium stevioides</i> , <i>Chrysanthus viscidiflorus</i> , <i>Chrysanthus claviformis</i> , <i>Cryptantha circumscissa</i> , <i>Cymopterus corrugatus</i> , <i>Descurainia pinnata</i> , <i>Ericameria nauseosa</i> , <i>Grindelia spinosa</i> , <i>Krascheninnikovia lanata</i> , <i>Lepidium fremontii</i> , <i>Lupinus pusillus</i> , <i>Malacothrix glabrata</i> , <i>Mentzelia albicaulis</i> , <i>Nama aretioides</i> , <i>Oenothera cespitosa</i> , <i>Psorothamnus polydenius</i> , <i>Salsola pustulosa</i> , <i>Sarcobatus vermiculatus</i> , <i>Stanleya pinnata</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Infrequent annual.	Marc A. Baker	20129	12-May-19	with Michelle Cloud-Hughes	Mount Annie SE
SOLANACEAE	Nye	<i>Oryctes nevadensis</i>	S. Watson			N38.8583°W118.1281°	1323 m (4340 ft)	Gabbs Valley, 13 km south of the summit of Mount Annie, 57 km NE of Hawthorne	<i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Krascheninnikovia lanata</i> , <i>Linanthus campanulatus</i> , <i>Lupinus pusillus</i> , <i>Mentzelia albicaulis</i> , <i>Nama aretioides</i> , <i>N. densa</i> , <i>Oenothera cespitosa</i> , <i>Psorothamnus polydenius</i> , <i>Salsola pustulosa</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Local annual, population of ca. 50 individuals; flowers white.	Marc A. Baker	20130	12-May-19	with Michelle Cloud-Hughes	Ramsey Spring
HYDROPHYLACEAE	Nye	<i>Nama densa</i>	Lemmon			N38.8583°W118.1281°	1323 m (4340 ft)	Gabbs Valley, 13 km south of the summit of Mount Annie, 57 km NE of Hawthorne	<i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Krascheninnikovia lanata</i> , <i>Linanthus campanulatus</i> , <i>Lupinus pusillus</i> , <i>Mentzelia albicaulis</i> , <i>Nama aretioides</i> , <i>Oenothera cespitosa</i> , <i>Oryctes nevadensis</i> , <i>Psorothamnus polydenius</i> , <i>Salsola pustulosa</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Frequent prostrate annual; flowers white.	Marc A. Baker	20131	12-May-19	with Michelle Cloud-Hughes	Ramsey Spring
POLEMONIACEAE	Nye	<i>Linanthus campanulatus</i>	(A. Gray) J. M. Porter & L. A. Johnson		Identified by Arnold Tiehm May 2019	N38.8583°W118.1281°	1323 m (4340 ft)	Gabbs Valley, 13 km south of the summit of Mount Annie, 57 km NE of Hawthorne	<i>Aliciella lottiae</i> , <i>Astragalus geyeri</i> , <i>Atriplex canescens</i> , <i>Bromus tectorum</i> , <i>Krascheninnikovia lanata</i> , <i>Lupinus pusillus</i> , <i>Mentzelia albicaulis</i> , <i>Nama aretioides</i> , <i>N. densa</i> , <i>Oenothera cespitosa</i> , <i>Psorothamnus polydenius</i> , <i>Salsola pustulosa</i> , <i>Stipa hymenoides</i> , <i>Streptanthella longirostris</i> , <i>Tetradymia glabrata</i> , and <i>Tiquilia nuttallii</i> .	Infrequent annual, corolla white, tube with a pair of red-brown longitudinal stripes between each lobe, base of tube yellow-green.	Marc A. Baker	20132	12-May-19	with Michelle Cloud-Hughes	Ramsey Spring
GROSSULARIACEAE	Churchill	<i>Ribes niveum</i>	Lindl.		Identified by Arnold Tiehm May 2019	N39.5192°W117.9986°	1683 m (5520 ft)	Horse Creek, Clan Alpine Mountains, 25 km SW of Mount Grant, 67 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> subsp. <i>tridentata</i> , <i>Astragalus iodanthus</i> , <i>Carex douglasii</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Prunus virginiana</i> , <i>Ranunculus cymbalaria</i> , <i>Rosa woodsii</i> , <i>Salix lasiolepis</i> , and <i>Taraxacum officinale</i> .	Shrub to 2.5 m tall from many basal stems; corolla white with no noticeable fragrance.	Marc A. Baker	20133	12-May-19	with Michelle Cloud-Hughes	Mount Augusta
SALICACEAE	Churchill	<i>Salix lasiolepis</i>	Bentham			N39.5192°W117.9986°	1683 m (5520 ft)	Horse Creek, Clan Alpine Mountains, 25 km SW of Mount Grant, 67 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> subsp. <i>tridentata</i> , <i>Astragalus iodanthus</i> , <i>Carex douglasii</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Prunus virginiana</i> , <i>Ranunculus cymbalaria</i> , <i>Rosa woodsii</i> , and <i>Taraxacum officinale</i> .	Cespitose shrub, occasional trunk to 1dm in diameter.	Marc A. Baker	20134	12-May-19	with Michelle Cloud-Hughes	Mount Augusta
CYPERACEAE	Churchill	<i>Carex subfusca</i>	W. Boott		Glenn Rink July 2019, Tentative identification, flowers too immature to be positive	N39.5192°W117.9986°	1683 m (5520 ft)	Horse Creek, Clan Alpine Mountains, 25 km SW of Mount Grant, 67 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> subsp. <i>tridentata</i> , <i>Astragalus iodanthus</i> , <i>Carex douglasii</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Prunus virginiana</i> , <i>Ranunculus cymbalaria</i> , <i>Rosa niveum</i> , <i>Rosa woodsii</i> , <i>Salix lasiolepis</i> , and <i>Taraxacum officinale</i> .	Loosely cespitose, with short dark rhizomes.	Marc A. Baker	20135	12-May-19	with Michelle Cloud-Hughes	Mount Augusta
CYPERACEAE	Churchill	<i>Carex douglasii</i>	W. Boott		Identified by Glenn Rink and Max Licher July 2019	N39.5192°W117.9986°	1683 m (5520 ft)	Horse Creek, Clan Alpine Mountains, 25 km SW of Mount Grant, 67 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> subsp. <i>tridentata</i> , <i>Astragalus iodanthus</i> , <i>Carex douglasii</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Prunus virginiana</i> , <i>Ranunculus cymbalaria</i> , <i>Rosa niveum</i> , <i>Rosa woodsii</i> , <i>Salix lasiolepis</i> , and <i>Taraxacum officinale</i> .	Perennial spreading by long thin pale orange-brown rhizomes.	Marc A. Baker	20136	12-May-19	with Michelle Cloud-Hughes	Mount Augusta
FABACEAE	Churchill	<i>Astragalus iodanthus</i>	S. Watson	var. <i>iodanthus</i>		N39.5192°W117.9986°	1683 m (5520 ft)	Horse Creek, Clan Alpine Mountains, 25 km SW of Mount Grant, 67 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Artemisia ludoviciana</i> , <i>A. tridentata</i> subsp. <i>tridentata</i> , <i>Astragalus iodanthus</i> , <i>Carex douglasii</i> , <i>Juncus balticus</i> , <i>Pinus monophylla</i> , <i>Prunus virginiana</i> , <i>Ranunculus cymbalaria</i> , <i>Rosa niveum</i> , <i>Rosa woodsii</i> , <i>Salix lasiolepis</i> , and <i>Taraxacum officinale</i> .	In dirt road above stream.	Marc A. Baker	20137	12-May-19	with Michelle Cloud-Hughes	Mount Augusta
PLANTAGINACEAE	Churchill	<i>Penstemon palmeri</i>	A. Gray	var. <i>macranthus</i>	(Eastwood) N. H. Holmgren	N39.4932°W118.1009°	1293 m (4240 ft)	2 km NNE of Dickey Peak, 59 km east of Fallon	<i>Ambrosia salsa</i> , <i>Artemisia spinescens</i> , <i>Chaetadelpha wheeleri</i> , <i>Ericameria nauseosa</i> , <i>Sarcostemma baileyi</i> , and <i>Tetradymia spinosa</i> .	Local population of several individuals; corolla lavender-pink with darker veins, especially along bottom of throat and onto two lower lobes, top of throat darker but not as dark as veins, hairs of staminode pale golden yellow; identified by Arnold Tiehm May 2019.	Marc A. Baker	20144	13-May-19	with Michelle Cloud-Hughes	Wonder Mountain
POLEMONIACEAE	Churchill	<i>Phacelia linearis</i>	(Pursh) Holz.		Identified by Arnold Tiehm May 2019	N39.4978°W118.2796°	1997 m (6550 ft)	Stillwater Range, upper reaches of Wildhorse Canyon, 5 km SSE of Table Mountain, 43 km east of Fallon	<i>Astragalus newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Bromus tectorum</i> , <i>Crepis runcinata</i> , <i>Cryptantha gracilis</i> , <i>Eriogonum ovalifolium</i> , <i>Gayophytum roseosissimum</i> , <i>Lupinus argenteus</i> , <i>Packera multiflora</i> , <i>Phacelia hastata</i> , <i>Poa secunda</i> , <i>Prunus andersonii</i> , and <i>Toxicoscordion paniculatum</i> .	Erect annual, corolla pink-purple toward margins, white in center, anthers pale yellow.	Marc A. Baker	20145	14-May-19	with Michelle Cloud-Hughes	La Plata Canyon
BORAGINACEAE	Churchill	<i>Cryptantha gracilis</i>	Osterhout		Identified by Arnold Tiehm May 2019	N39.4978°W118.2796°	1997 m (6550 ft)	Stillwater Range, upper reaches of Wildhorse Canyon, 5 km SSE of Table Mountain, 43 km east of Fallon	<i>Astragalus newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Bromus tectorum</i> , <i>Crepis runcinata</i> , <i>Eriogonum ovalifolium</i> , <i>Gayophytum roseosissimum</i> , <i>Lupinus argenteus</i> , <i>Packera multiflora</i> , <i>Phacelia hastata</i> , <i>P. linearis</i> , <i>Poa secunda</i> , <i>Prunus andersonii</i> , and <i>Toxicoscordion paniculatum</i> .	Erect annual, flowers white.	Marc A. Baker	20146	14-May-19	with Michelle Cloud-Hughes	La Plata Canyon
FABACEAE	Churchill	<i>Astragalus newberryi</i>	A. Gray	var. <i>castoreus</i>	M. E. Jones	N39.4978°W118.2796°	1997 m (6550 ft)	Stillwater Range, upper reaches of Wildhorse Canyon, 5 km SSE of Table Mountain, 43 km east of Fallon	<i>Balsamorhiza sagittata</i> , <i>Bromus tectorum</i> , <i>Crepis runcinata</i> , <i>Cryptantha gracilis</i> , <i>Eriogonum ovalifolium</i> , <i>Gayophytum roseosissimum</i> , <i>Lupinus argenteus</i> , <i>Packera multiflora</i> , <i>Phacelia hastata</i> , <i>P. linearis</i> , <i>Poa secunda</i> , <i>Prunus andersonii</i> , and <i>Toxicoscordion paniculatum</i> .	Common perennial gray-green herb, banner white, wings white, tinged pink-purple, keel dark pink-purple in upper half.	Marc A. Baker	20147	14-May-19	with Michelle Cloud-Hughes	La Plata Canyon
MELANTHIACEAE	Churchill	<i>Toxicoscordion paniculatum</i>	(Nuttall) Rydberg			N39.4978°W118.2796°	1997 m (6550 ft)	Stillwater Range, upper reaches of Wildhorse Canyon, 5 km SSE of Table Mountain, 43 km east of Fallon	<i>Astragalus newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Bromus tectorum</i> , <i>Crepis runcinata</i> , <i>Cryptantha gracilis</i> , <i>Eriogonum ovalifolium</i> , <i>Gayophytum roseosissimum</i> , <i>Lupinus argenteus</i> , <i>Packera multiflora</i> , <i>Phacelia hastata</i> , <i>P. linearis</i> , <i>Poa secunda</i> , and <i>Prunus andersonii</i> .	Common perennial herb; flowers white with glossy yellow-green glands at the base of each tepal; anthers orange-yellow.	Marc A. Baker	20148	14-May-19	with Michelle Cloud-Hughes	La Plata Canyon
ROSACEAE	Churchill	<i>Prunus andersonii</i>	A. Gray			N39.4978°W118.2796°	1997 m (6550 ft)	Stillwater Range, upper reaches of Wildhorse Canyon, 5 km SSE of Table Mountain, 43 km east of Fallon	<i>Astragalus newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Bromus tectorum</i> , <i>Crepis runcinata</i> , <i>Cryptantha gracilis</i> , <i>Eriogonum ovalifolium</i> , <i>Gayophytum roseosissimum</i> , <i>Lupinus argenteus</i> , <i>Packera multiflora</i> , <i>Phacelia hastata</i> , <i>P. linearis</i> , <i>Poa secunda</i> , and <i>Toxicoscordion paniculatum</i> .	Common shrub to 2 m tall, as broad; flowers pale pink.	Marc A. Baker	20149	14-May-19	with Michelle Cloud-Hughes	La Plata Canyon
PHRYMACEAE	Churchill	<i>Diplacus mephiticus</i>	(E. Greene) G. L. Nesom			N39.5004°W118.2833°	2058 m (6750 ft)	Stillwater Range, upper reaches of Wildhorse Canyon, 5 km SSE of Table Mountain, 43 km east of Fallon	<i>Antennaria dimorpha</i> , <i>Astragalus newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Bromus tectorum</i> , <i>Crepis runcinata</i> , <i>Cryptantha gracilis</i> , <i>Diplacus bigelovii</i> , <i>Eriogonum ovalifolium</i> , <i>Fritillaria atropurpurea</i> , <i>Gayophytum roseosissimum</i> , <i>Lithophragma tenellum</i> , <i>Lupinus argenteus</i> , <i>Packera multiflora</i> , <i>Phacelia hastata</i> , <i>P. linearis</i> , <i>Poa secunda</i> , <i>Prunus andersonii</i> , <i>Ranunculus andersonii</i> , <i>Toxicoscordion paniculatum</i> , and <i>Viola purpurea</i> .	Infrequent annual on south-facing slope, most individuals with yellow corolla with purple-brown spots; some individuals with red-purple corolla.	Marc A. Baker	20150	14-May-19	with Michelle Cloud-Hughes	La Plata Canyon
RANUNCULACEAE	Churchill	<i>Ranunculus andersonii</i>	A. Gray		Identified by Arnold Tiehm May 2019	N39.5004°W118.2833°	2058 m (6750 ft)	Stillwater Range, upper reaches of Wildhorse Canyon, 5 km SSE of Table Mountain, 43 km east of Fallon	<i>Antennaria dimorpha</i> , <i>Astragalus newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Bromus tectorum</i> , <i>Crepis runcinata</i> , <i>Cryptantha gracilis</i> , <i>Diplacus bigelovii</i> , <i>Eriogonum ovalifolium</i> , <i>Fritillaria atropurpurea</i> , <i>Gayophytum roseosissimum</i> , <i>Lithophragma tenellum</i> , <i>Lupinus argenteus</i> , <i>Packera multiflora</i> , <i>Phacelia hastata</i> , <i>P. linearis</i> , <i>Poa secunda</i> , <i>Prunus andersonii</i> , <i>Toxicoscordion paniculatum</i> , and <i>Viola purpurea</i> .	Perennial herb on north-facing shaded slope, spreading by shallow, generally short rhizomes, fruits tinged red-purple with age.	Marc A. Baker	20151	14-May-19	with Michelle Cloud-Hughes	La Plata Canyon
SAXIFRAGACEAE	Churchill	<i>Lithophragma tenellum</i>	Nuttall		Identified by Arnold Tiehm May 2019	N39.5004°W118.2833°	2058 m (6750 ft)	Stillwater Range, upper reaches of Wildhorse Canyon, 5 km SSE of Table Mountain, 43 km east of Fallon	<i>Antennaria dimorpha</i> , <i>Astragalus newberryi</i> , <i>Balsam</i>						

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
LOASACEAE	Churchill	<i>Mentzelia veatchiana</i>	Kellogg		Identified by Arnold Tiehm May 2019	N39.4978°W118.2796°	1997 m (6550 ft)	Stillwater Range, upper reaches of Wildhorse Canyon, 5 km SSE of Table Mountain, 43 km east of Fallon	<i>Astragalus newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Bromus tectorum</i> , <i>Crepis runcinata</i> , <i>Cryptantha gracilis</i> , <i>Eriogonum ovalifolium</i> , <i>Gayophytum ramosissima</i> , <i>Lupinus andersonii</i> , and <i>Toxicoscordion paniculatum</i> .	Erect annual, corolla yellow with orange center.	Marc A. Baker	20156	14-May-19	with Michelle Cloud-Hughes	La Plata Canyon
RANUNCULACEAE	Churchill	<i>Delphinium andersonii</i>	A. Gray		Identified by Arnold Tiehm May 2019	N39.4978°W118.2796°	1997 m (6550 ft)	Stillwater Range, upper reaches of Wildhorse Canyon, 5 km SSE of Table Mountain, 43 km east of Fallon	<i>Astragalus newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Bromus tectorum</i> , <i>Crepis runcinata</i> , <i>Cryptantha gracilis</i> , <i>Eriogonum ovalifolium</i> , <i>Gayophytum ramosissima</i> , <i>Lupinus andersonii</i> , <i>Packera multiflora</i> , <i>Phacelia hastata</i> , <i>P. linearis</i> , <i>Poa secunda</i> , <i>Prunus andersonii</i> , and <i>Toxicoscordion paniculatum</i> .	Erect perennial herb; flowers pale purple to deep blue-purple, except for white upper lip of corolla, with pale to dark blue-purple margins and dorsal face.	Marc A. Baker	20157	14-May-19	with Michelle Cloud-Hughes	La Plata Canyon
ASTERACEAE	Churchill	<i>Packera multiflora</i>	(Torrey & A. Gray ex A. Gray) W. A. Weber & A. Löve		Identified by Arnold Tiehm May 2019	N39.4978°W118.2796°	1997 m (6550 ft)	Stillwater Range, upper reaches of Wildhorse Canyon, 5 km SSE of Table Mountain, 43 km east of Fallon	<i>Astragalus newberryi</i> , <i>Balsamorhiza sagittata</i> , <i>Bromus tectorum</i> , <i>Crepis runcinata</i> , <i>Cryptantha gracilis</i> , <i>Eriogonum ovalifolium</i> , <i>Gayophytum ramosissima</i> , <i>Lupinus andersonii</i> , <i>Packera multiflora</i> , <i>Phacelia hastata</i> , <i>P. linearis</i> , <i>Poa secunda</i> , <i>Prunus andersonii</i> , and <i>Toxicoscordion paniculatum</i> .	Common perennial herb; ray flowers yellow, disc flowers orange-yellow.	Marc A. Baker	20158	14-May-19	with Michelle Cloud-Hughes	La Plata Canyon
BRASSICACEAE	Nye	<i>Caulanthus pilosus</i>	S. Watson			N38.9793°W118.0496°	1582 m (5190 ft)	Gabbs Valley, 16 km NNE of Gabbs, 83 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Chaenactis stevioides</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Eremothera boothii</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Lepidium fremontii</i> , <i>Malacothrix glabrata</i> , <i>Sphaeralcea ambigua</i> , <i>Stanleya elata</i> , <i>S. pinnata</i> , and <i>Tetradymia glabrata</i> .	Common perennial herb to >1 m tall, petals white, margins with deep purple; calyx purple.	Marc A. Baker	20171	22-Jun-19	with Michelle Cloud-Hughes	Mount Annie NE
BRASSICACEAE	Nye	<i>Stanleya elata</i>	M. E. Jones.			N38.9793°W118.0496°	1582 m (5190 ft)	Gabbs Valley, 16 km NNE of Gabbs, 83 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis stevioides</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Eremothera boothii</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Lepidium fremontii</i> , <i>Malacothrix glabrata</i> , <i>Sphaeralcea ambigua</i> , <i>Stanleya elata</i> , <i>S. pinnata</i> , and <i>Tetradymia glabrata</i> .	Common perennial herb with gray-green leaves and yellow flowers.	Marc A. Baker	20172	22-Jun-19	with Michelle Cloud-Hughes	Mount Annie NE
ASTERACEAE	Nye	<i>Chaenactis stevioides</i>	Hook. & Arn.			N38.9793°W118.0496°	1582 m (5190 ft)	Gabbs Valley, 16 km NNE of Gabbs, 83 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis stevioides</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Eremothera boothii</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Lepidium fremontii</i> , <i>Malacothrix glabrata</i> , <i>Sphaeralcea ambigua</i> , <i>Stanleya elata</i> , <i>S. pinnata</i> , and <i>Tetradymia glabrata</i> .	Common annual, flowers white.	Marc A. Baker	20173	22-Jun-19	with Michelle Cloud-Hughes	Mount Annie NE
CHENOPodiaceae	Nye	<i>Chenopodium nevadense</i>	Standley			N38.9793°W118.0496°	1582 m (5190 ft)	Gabbs Valley, 16 km NNE of Gabbs, 83 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis stevioides</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Eremothera boothii</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Lepidium fremontii</i> , <i>Malacothrix glabrata</i> , <i>Sphaeralcea ambigua</i> , <i>Stanleya elata</i> , <i>S. pinnata</i> , and <i>Tetradymia glabrata</i> .	Erect, gray-green annual, stems red-purple.	Marc A. Baker	20174	22-Jun-19	with Michelle Cloud-Hughes	Mount Annie NE
ASTERACEAE	Nye	<i>Malacothrix glabrata</i>	(D. C. Eaton) A. Gray			N38.9793°W118.0496°	1582 m (5190 ft)	Gabbs Valley, 16 km NNE of Gabbs, 83 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis stevioides</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Eremothera boothii</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Lepidium fremontii</i> , <i>Malacothrix glabrata</i> , <i>Sphaeralcea ambigua</i> , <i>Stanleya elata</i> , <i>S. pinnata</i> , and <i>Tetradymia glabrata</i> .	Common annual, flowers pale yellow.	Marc A. Baker	20175	22-Jun-19	with Michelle Cloud-Hughes	Mount Annie NE
ONAGRACEAE	Nye	<i>Eremothera boothii</i>	(Douglas) W. L. Wagner & Hoch	var. <i>intermedia</i>	(Munz) W. L. Wagner & Hoch	N38.9793°W118.0496°	1582 m (5190 ft)	Gabbs Valley, 16 km NNE of Gabbs, 83 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis stevioides</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Eremothera boothii</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Lepidium fremontii</i> , <i>Malacothrix glabrata</i> , <i>Sphaeralcea ambigua</i> , <i>Stanleya elata</i> , <i>S. pinnata</i> , and <i>Tetradymia glabrata</i> .	Common annual, flowers generally white, aging pink, sometimes pale pink even when young.	Marc A. Baker	20176	22-Jun-19	with Michelle Cloud-Hughes	Mount Annie NE
MALVACEAE	Nye	<i>Sphaeralcea ambigua</i>	A. Gray			N38.9793°W118.0496°	1582 m (5190 ft)	Gabbs Valley, 16 km NNE of Gabbs, 83 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis stevioides</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Eremothera boothii</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Lepidium fremontii</i> , <i>Malacothrix glabrata</i> , <i>Sphaeralcea ambigua</i> , <i>Stanleya elata</i> , <i>S. pinnata</i> , and <i>Tetradymia glabrata</i> .	Common perennial herb to shrubsub, flowers pale orange. Appears to intergrade morphologically with <i>S. grossularifolia</i> .	Marc A. Baker	20177	22-Jun-19	with Michelle Cloud-Hughes	Mount Annie NE
MALVACEAE	Nye	<i>Sphaeralcea grossularifolia</i>	(Hook. & Arn.) Rydberg			N38.9793°W118.0496°	1582 m (5190 ft)	Gabbs Valley, 16 km NNE of Gabbs, 83 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Caulanthus pilosus</i> , <i>Chaenactis stevioides</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Eremothera boothii</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Lepidium fremontii</i> , <i>Malacothrix glabrata</i> , <i>Sphaeralcea ambigua</i> , <i>Stanleya elata</i> , <i>S. pinnata</i> , and <i>Tetradymia glabrata</i> .	Common perennial herb to subshrub, flowers pale orange. Appears to intergrade morphologically with <i>S. ambigua</i> .	Marc A. Baker	20178	22-Jun-19	with Michelle Cloud-Hughes	Mount Annie NE
HYDROPHYLACEAE	Mineral	<i>Phocelia glaberrima</i>	(Torrey ex S. Watson) J. T. Howell			N39.0694°W118.0241°	1630 m (5350 ft)	Broken Hills, 12 km ENE of the summit of Mount Annie, 24 km NW of Gabbs, 79 km SE of Fallon	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex canescens</i> , <i>Eriogonum rubricale</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Phocelia gymnoclada</i> , <i>Sphaeralcea ambigua</i> , and <i>Tetradymia spinosa</i> .	Succulent annual with yellow flowers.	Marc A. Baker	20180	22-Jun-19	with Michelle Cloud-Hughes	Broken Hills
POLYGONACEAE	Mineral	<i>Eriogonum rubricale</i>	Tidestr.			N39.0694°W118.0241°	1630 m (5350 ft)	Broken Hills, 12 km ENE of the summit of Mount Annie, 24 km NW of Gabbs, 79 km SE of Fallon	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex canescens</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Phocelia glaberrima</i> , <i>P. gymnoclada</i> , <i>Sphaeralcea ambigua</i> , and <i>Tetradymia spinosa</i> .	Locally abundant annual, stems mostly erect, flowers pale yellow, upper stems red-purple, lower gray-green, glaucous.	Marc A. Baker	20181	22-Jun-19	with Michelle Cloud-Hughes	Broken Hills
POLYGONACEAE	Mineral	<i>Eriogonum maculatum</i>	A. Heller			N39.0701°W118.0178°	1634 m (5360 ft)	Broken Hills, 12 km ENE of the summit of Mount Annie, 24 km NW of Gabbs, 79 km SE of Fallon	<i>Atriplex canescens</i> , <i>Castilleja chromosa</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Elymus elymoides</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum ovalifolium</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Leymus triticoidea</i> , <i>Poa secunda</i> , <i>Stipa comata</i> , and <i>Tetradymia glabrata</i> .	Annual in sand at base of hill, flowers white, calyx with purple-red spot dorsally.	Marc A. Baker	20181.1	23-Jun-19	with Michelle Cloud-Hughes	Broken Hills
HYDROPHYLACEAE	Mineral	<i>Phocelia gymnoclada</i>	Torrey ex S. Watson			N39.0694°W118.0241°	1630 m (5350 ft)	Broken Hills, 12 km ENE of the summit of Mount Annie, 24 km NW of Gabbs, 79 km SE of Fallon	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex canescens</i> , <i>Cleomella hillmanii</i> , <i>Eriogonum rubricale</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Phocelia glaberrima</i> , <i>P. gymnoclada</i> , <i>Plagiothys kingii</i> , <i>Sphaeralcea ambigua</i> , and <i>Tetradymia spinosa</i> .	Prostrate annual, inside of corolla purple, dark purple below, throat yellow, outside of corolla paler.	Marc A. Baker	20182	22-Jun-19	with Michelle Cloud-Hughes	Broken Hills
POACEAE	Mineral	<i>Leymus triticoides</i>	(Buckley) Pilg.			N39.0701°W118.0178°	1634 m (5360 ft)	Broken Hills, 12 km ENE of the summit of Mount Annie, 24 km NW of Gabbs, 79 km SE of Fallon	<i>Atriplex canescens</i> , <i>Castilleja chromosa</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Elymus elymoides</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum maculatum</i> , <i>E. ovalifolium</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Leymus triticoidea</i> , <i>Poa secunda</i> , <i>Stipa comata</i> , and <i>Tetradymia glabrata</i> .	Local erect perennial, leaves only slightly glaucous.	Marc A. Baker	20182.1	23-Jun-19	with Michelle Cloud-Hughes	Broken Hills
BORAGINACEAE	Mineral	<i>Plagiothys kingii</i>	(S. Watson) A. Gray	var. <i>harknessii</i>	(E. Greene) Jepson	N39.0694°W118.0241°	1630 m (5350 ft)	Broken Hills, 12 km ENE of the summit of Mount Annie, 24 km NW of Gabbs, 79 km SE of Fallon	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex canescens</i> , <i>Cleomella hillmanii</i> , <i>Eriogonum rubricale</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Phocelia glaberrima</i> , <i>P. gymnoclada</i> , <i>Plagiothys kingii</i> , <i>Sphaeralcea ambigua</i> , and <i>Tetradymia spinosa</i> .	Annual, flowers white.	Marc A. Baker	20183	22-Jun-19	with Michelle Cloud-Hughes	Broken Hills
POLYGONACEAE	Mineral	<i>Eriogonum vimineum</i>	Douglas ex Benthem			N39.0719°W118.0179°	1662 m (5450 ft)	Broken Hills, 12 km ENE of the summit of Mount Annie, 24 km NW of Gabbs, 79 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Cryptantha recurvata</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum inflatum</i> , <i>E. ovalifolium</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Leymus triticoidea</i> , <i>Poa secunda</i> , <i>Stipa comata</i> , and <i>Tetradymia glabrata</i> .	Annual, flowers white, aging pink.	Marc A. Baker	20183.1	23-Jun-19	with Michelle Cloud-Hughes	Broken Hills
CLEOMACEAE	Mineral	<i>Cleomella hillmanii</i>	A. Nelson	var. <i>hillmanii</i>		N39.0694°W118.0241°	1630 m (5350 ft)	Broken Hills, 12 km ENE of the summit of Mount Annie, 24 km NW of Gabbs, 79 km SE of Fallon	<i>Amsinckia tessellata</i> , <i>Artemisia spinescens</i> , <i>Atriplex canescens</i> , <i>Eriogonum rubricale</i> , <i>Mentzelia albicaulis</i> , <i>Mirabilis alipes</i> , <i>Phocelia glaberrima</i> , <i>P. gymnoclada</i> , <i>Plagiothys kingii</i> , <i>Sphaeralcea ambigua</i> , and <i>Tetradymia spinosa</i> .	Erect malodorous annual, flowers yellow.	Marc A. Baker	20184	22-Jun-19	with Michelle Cloud-Hughes	Broken Hills
BORAGINACEAE	Mineral	<i>Cryptantha recurvata</i>	Coville			N39.0719°W118.0179°	1662 m (5450 ft)	Broken Hills, 12 km ENE of the summit of Mount Annie, 24 km NW of Gabbs, 79 km SE of Fallon	<i>Artemisia spinescens</i> , <i>Cryptantha recurvata</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum inflatum</i> , <i>E. ovalifolium</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Leymus triticoidea</i> , <i>Poa secunda</i> , <i>Stipa comata</i> , and <i>Tetradymia glabrata</i> .	Annual.	Marc A. Baker	20184.1	23-Jun-19	with Michelle Cloud-Hughes	Broken Hills
POLYGONACEAE	Mineral	<i>Eriogonum ovalifolium</i>	Nuttall	var. <i>purpurea</i>	(Nuttall) Durand	N39.0701°W118.0178°	1634 m (5360 ft)	Broken Hills, 12 km ENE of the summit of Mount Annie, 24 km NW of Gabbs, 79 km SE of Fallon	<i>Atriplex canescens</i> , <i>Castilleja chromosa</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Elymus elymoides</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum maculatum</i> , <i>E. ovalifolium</i> , <i>Gutierrezia sarothrae</i> , <						

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_Lon_Coordinates [WGS84]	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
ASTERACEAE	Mineral	<i>Tetradymia glabrata</i>	Torrey & A. Gray			N39.0701°W118.0178°	1634 m (5360 ft)	Broken Hills, 12 km ENE of the summit of Mount Annie, 24 km NNW of Gabbs, 79 km SE of Fallon	<i>Atriplex canescens</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Elymus elymoides</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum maculatum</i> , <i>E. ovalifolium</i> , <i>Gutierrezia sarothrae</i> , <i>Krascheninnikovia lanata</i> , <i>Leymus triticoides</i> , <i>Poa secunda</i> , and <i>Stipa comata</i> .	Common shrub; flowers green-yellow.	Marc A. Baker	20189	23-Jun-19	with Michelle Cloud-Hughes	Broken Hills
POLYGONACEAE	Churchill	<i>Eriogonum ovalifolium</i>	Nuttall	var. <i>purpurea</i>	(Nuttall) Durand	N39.4810°W118.2447°	1707 m (5600 ft)	Stillwater Range, 500 m south of Slaughter Canyon, 45 km east of Fallon, 11 km south of Job Peak	<i>Allium atrorubens</i> , <i>Artemisia tridentata</i> subsp. <i>wyomingensis</i> , <i>Caulanthus pilosus</i> , <i>Elymus elymoides</i> , <i>Kochia americana</i> , <i>Erysimum capitatum</i> , <i>Graya spinosa</i> , <i>Sarcobatus baileya</i> , <i>Stanleya pinnata</i> , <i>Stipa hymenoides</i> , <i>S. speciosa</i> , and <i>Tetradymia glabrata</i> .	Common and often abundant perennial with gray-green leaves, flowers white, aging orange-brown.	Marc A. Baker	20189.1	24-Jun-19	with Michelle Cloud-Hughes	Piroquette Mountain
PLANTAGINACEAE	Churchill	<i>Penstemon speciosus</i>	Lindley			N39.4797°W118.2457°	1677 m (5500 ft)	Stillwater Range, 600 m south of Slaughter Canyon, 45 km east of Fallon, 11 km south of Job Peak	<i>Astragalus iodanthus</i> , <i>Castilleja chromosa</i> , <i>Elymus elymoides</i> , <i>Eriogonum ovalifolium</i> , <i>Ephedra nevadensis</i> , <i>Erysimum capitatum</i> , <i>Graya spinosa</i> , <i>Lupinus brevicaulis</i> , <i>Poa secunda</i> , <i>Stipa hymenoides</i> , <i>S. speciosa</i> , and <i>Tetradymia glabrata</i> .	Gray-green perennial herb.	Marc A. Baker	20190	24-Jun-19	with Michelle Cloud-Hughes	Piroquette Mountain
BRASSICACEAE	Churchill	<i>Erysimum capitatum</i>	(Douglas ex Hook.) E. Greene	var. <i>capitatum</i>		N39.4797°W118.2457°	1677 m (5500 ft)	Stillwater Range, 600 m south of Slaughter Canyon, 45 km east of Fallon, 11 km south of Job Peak	<i>Astragalus iodanthus</i> , <i>Castilleja chromosa</i> , <i>Elymus elymoides</i> , <i>Eriogonum ovalifolium</i> , <i>Ephedra nevadensis</i> , <i>Erysimum capitatum</i> , <i>Graya spinosa</i> , <i>Lupinus brevicaulis</i> , <i>Poa secunda</i> , <i>Stipa hymenoides</i> , <i>S. speciosa</i> , and <i>Tetradymia glabrata</i> .	Erect perennial herb, flowers yellow.	Marc A. Baker	20191	24-Jun-19	with Michelle Cloud-Hughes	Piroquette Mountain
POLYGONACEAE	Churchill	<i>Eriogonum heermannii</i>	Dur. & Hilg.	var. <i>humilis</i>	(S. Stokes) Reveal	N39.4818°W118.2497°	1692 m (5550 ft)	Stillwater Range, 600 m south of Slaughter Canyon, 45 km east of Fallon, 11 km south of Job Peak	<i>Artemisia tridentata</i> , <i>Atriplex confertifolia</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Graya spinosa</i> , <i>Phlox hoodii</i> , <i>Stanleya pinnata</i> , <i>Stipa hymenoides</i> , <i>S. speciosa</i> , and <i>Tetradymia glabrata</i> .	Common shrub, flowers white.	Marc A. Baker	20192	24-Jun-19	with Michelle Cloud-Hughes	Piroquette Mountain
ASCLEPIADACEAE	Churchill	<i>Asclepias cryptoceras</i>	S. Watson	subsp. <i>davisi</i>	(Woodson) Woodson	N39.4810°W118.2519°	1707 m (5600 ft)	Stillwater Range, 600 m south of Slaughter Canyon, 45 km east of Fallon, 7.5 km south of Mount Lincoln	<i>Artemisia tridentata</i> , <i>Astragalus newberryi</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Galium multiflorum</i> , <i>Gutierrezia sarothrae</i> , <i>Packera multilobata</i> , <i>Phlox hoodii</i> , <i>Pleiacanthus spinosus</i> , <i>Poa secunda</i> , <i>Symphoricarpos longiflorus</i> , and <i>Tetradymia glabrata</i> .	Local population ca. 10 m? 4 m, perennial herb, corolla pale green-yellow, corona white, tinged purple, gynostegium pale green yellow.	Marc A. Baker	20193	24-Jun-19	with Michelle Cloud-Hughes	La Plata Canyon
CAPRIFOLIACEAE	Churchill	<i>Symporicarpos longiflorus</i>	A. Gray			N39.4810°W118.2519°	1707 m (5600 ft)	Stillwater Range, 600 m south of Slaughter Canyon, 45 km east of Fallon, 7.5 km south of Mount Lincoln	<i>Artemisia tridentata</i> , <i>Astragalus newberryi</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Galium multiflorum</i> , <i>Gutierrezia sarothrae</i> , <i>Packera multilobata</i> , <i>Phlox hoodii</i> , <i>Pleiacanthus spinosus</i> , <i>Poa secunda</i> , and <i>Tetradymia glabrata</i> .	Shrub to 1.2 m tall with wand-like branches, flowers white, tinged yellow-green.	Marc A. Baker	20194	24-Jun-19	with Michelle Cloud-Hughes	La Plata Canyon
RUBIACEAE	Churchill	<i>Galium multiflorum</i>	Kellogg	var. <i>miltiflorum</i>		N39.4810°W118.2519°	1707 m (5600 ft)	Stillwater Range, 600 m south of Slaughter Canyon, 45 km east of Fallon, 7.5 km south of Mount Lincoln	<i>Artemisia tridentata</i> , <i>Astragalus newberryi</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Packera multilobata</i> , <i>Phlox hoodii</i> , <i>Pleiacanthus spinosus</i> , <i>Poa secunda</i> , and <i>Tetradymia glabrata</i> .	Densely-branched perennial herb or subshrub.	Marc A. Baker	20195	24-Jun-19	with Michelle Cloud-Hughes	La Plata Canyon
LILIACEAE	Churchill	<i>Calochortus bruneanus</i>	A. Nelson & J. F. Macbride			N39.4814°W118.2535°	1738 m (5700 ft)	Stillwater Range, 600 m south of Slaughter Canyon, 45 km east of Fallon, 7.5 km south of Mount Lincoln	<i>Artemisia tridentata</i> , <i>Astragalus newberryi</i> , <i>Castilleja chromosa</i> , <i>Caulanthus pilosus</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Gutierrezia sarothrae</i> , <i>Juniperus osteosperma</i> , <i>Packera multilobata</i> , <i>Phlox hoodii</i> , <i>Pleiacanthus spinosus</i> , <i>Poa secunda</i> , and <i>Tetradymia glabrata</i> .	Erect annual, stems to 40cm long, corolla white inside with a dark purple crescent above pale yellow-green base, glands nearly white with purple curved band, tepals purple-gray on veins dorsally with a broad band along midrib; anthers blue-purple, stigma white, slightly tinged pale purple.	Marc A. Baker	20196	24-Jun-19	with Michelle Cloud-Hughes	La Plata Canyon
POACEAE	Churchill	<i>Melica stricta</i>	Bol.			N39.4801°W118.2728°	1915 m (6280 ft)	Stillwater Range, 600 m, east of Wildhorse Canyon, 770 m south of Mount Lincoln, 43 km east of Fallon	<i>Allium atrorubens</i> , <i>Artemisia arbuscula</i> , <i>A. tridentata</i> , <i>Balsamorhiza sagittata</i> , <i>Eremogone kingii</i> , <i>Eriogonum apophanicis</i> , <i>Eriogonum ovalifolium</i> , <i>Fritillaria atropurpurea</i> , <i>Juniperus osteosperma</i> , <i>Lomatium nudicaule</i> , <i>Melica stricta</i> , <i>Poa secunda</i> , and <i>Silene nuda</i> .	Infrequent.	Marc A. Baker	20197	24-Jun-19	with Michelle Cloud-Hughes	La Plata Canyon
CARYOPHYLLACEAE	Churchill	<i>Eremogone kingii</i>	(S. Watson) ikonn.	var. <i>glabrescens</i>	(S. Watson) Dorn	N39.4801°W118.2728°	1915 m (6280 ft)	Stillwater Range, 600 m, east of Wildhorse Canyon, 770 m south of Mount Lincoln, 43 km east of Fallon	<i>Allium atrorubens</i> , <i>Artemisia arbuscula</i> , <i>A. tridentata</i> , <i>Balsamorhiza sagittata</i> , <i>Eremogone kingii</i> , <i>Eriogonum apophanicis</i> , <i>Eriogonum ovalifolium</i> , <i>Fritillaria atropurpurea</i> , <i>Juniperus osteosperma</i> , <i>Lomatium nudicaule</i> , <i>Melica stricta</i> , <i>Poa secunda</i> , and <i>Silene nuda</i> .	Perennial herb with dark green leaves; flowers white, anthers pale purple.	Marc A. Baker	20198	24-Jun-19	with Michelle Cloud-Hughes	La Plata Canyon
AMARYLLIDACEAE	Churchill	<i>Allium atrorubens</i>	S. Watson	var. <i>atrorubens</i>		N39.4801°W118.2728°	1915 m (6280 ft)	Stillwater Range, 600 m, east of Wildhorse Canyon, 770 m south of Mount Lincoln, 43 km east of Fallon	<i>Allium atrorubens</i> , <i>Artemisia arbuscula</i> , <i>A. tridentata</i> , <i>Balsamorhiza sagittata</i> , <i>Eremogone kingii</i> , <i>Eriogonum apophanicis</i> , <i>Eriogonum ovalifolium</i> , <i>Fritillaria atropurpurea</i> , <i>Juniperus osteosperma</i> , <i>Lomatium nudicaule</i> , <i>Melica stricta</i> , <i>Poa secunda</i> , and <i>Silene nuda</i> .	Common, perennial herb, mostly in seed now, flowers dark red-purple.	Marc A. Baker	20199	24-Jun-19	with Michelle Cloud-Hughes	La Plata Canyon
CARYOPHYLLACEAE	Churchill	<i>Silene nuda</i>	(S. Watson) C. L. Hitchc. & Maguire			N39.4801°W118.2728°	1915 m (6280 ft)	Stillwater Range, 600 m, east of Wildhorse Canyon, 770 m south of Mount Lincoln, 43 km east of Fallon	<i>Allium atrorubens</i> , <i>Artemisia arbuscula</i> , <i>A. tridentata</i> , <i>Balsamorhiza sagittata</i> , <i>Eremogone kingii</i> , <i>Eriogonum apophanicis</i> , <i>Eriogonum ovalifolium</i> , <i>Fritillaria atropurpurea</i> , <i>Juniperus osteosperma</i> , <i>Lomatium nudicaule</i> , <i>Melica stricta</i> , <i>Poa secunda</i> , and <i>Silene nuda</i> .	Several individuals locally, flowers passed.	Marc A. Baker	20200	24-Jun-19	with Michelle Cloud-Hughes	La Plata Canyon
LILIACEAE	Churchill	<i>Fritillaria atropurpurea</i>	Nuttall			N39.4801°W118.2728°	1915 m (6280 ft)	Stillwater Range, 600 m, east of Wildhorse Canyon, 770 m south of Mount Lincoln, 43 km east of Fallon	<i>Allium atrorubens</i> , <i>Artemisia arbuscula</i> , <i>A. tridentata</i> , <i>Balsamorhiza sagittata</i> , <i>Eremogone kingii</i> , <i>Eriogonum apophanicis</i> , <i>Eriogonum ovalifolium</i> , <i>Fritillaria atropurpurea</i> , <i>Juniperus osteosperma</i> , <i>Lomatium nudicaule</i> , <i>Melica stricta</i> , <i>Poa secunda</i> , and <i>Silene nuda</i> .	Perennial herb, developing seeds.	Marc A. Baker	20201	24-Jun-19	with Michelle Cloud-Hughes	La Plata Canyon
PLANTAGINACEAE	Churchill	<i>Penstemon palmeri</i>	A. Gray	var. <i>palmeri</i>		N39.4682°W118.0616°	1646 m (5400 ft)	Louderback Mountains, 900 m west of Queen Peak, just east of Hercules Canyon, 61 km east of Fallon	<i>Atriplex confertifolia</i> , <i>Brickellia microphylla</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Leymus triticoides</i> , <i>Linum usitatissimum</i> , <i>Medicago sativa</i> , <i>Poa secunda</i> , <i>Stipa speciosa</i> , and <i>Tetradymia glabrata</i> .	Perennial herb to 1.8 m tall, with gray-green leaves, stems strict to arching, one to many; flowers white, tinged pale purple-pink, especially in upper reaches of throat and along veins of lower lip; hairs of staminode pale golden-yellow; this population was probably artificially seeded during a restoration attempt.	Marc A. Baker	20202	25-Jun-19	with Michelle Cloud-Hughes	Wonder Mountain
FABACEAE	Churchill	<i>Medicago sativa</i>	L.			N39.4682°W118.0616°	1646 m (5400 ft)	Louderback Mountains, 900 m west of Queen Peak, just east of Hercules Canyon, 61 km east of Fallon	<i>Atriplex confertifolia</i> , <i>Brickellia microphylla</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Leymus triticoides</i> , <i>Linum usitatissimum</i> , <i>Poa secunda</i> , <i>Stipa speciosa</i> , and <i>Tetradymia glabrata</i> .	Perennial herb to 1.2 m tall, flowers purple; this population was probably artificially seeded during a restoration attempt.	Marc A. Baker	20203	25-Jun-19	with Michelle Cloud-Hughes	Wonder Mountain
LINACEAE	Churchill	<i>Linum usitatissimum</i>	L.			N39.4682°W118.0616°	1646 m (5400 ft)	Louderback Mountains, 900 m west of Queen Peak, just east of Hercules Canyon, 61 km east of Fallon	<i>Atriplex confertifolia</i> , <i>Brickellia microphylla</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Leymus triticoides</i> , <i>Medicago sativa</i> , <i>Poa secunda</i> , <i>Stipa speciosa</i> , and <i>Tetradymia glabrata</i> .	Perennial herb, flowers blue; this population was probably artificially seeded during a restoration attempt.	Marc A. Baker	20204	25-Jun-19	with Michelle Cloud-Hughes	Wonder Mountain
ONAGRACEAE	Churchill	<i>Eremothera boothii</i>	(Douglas) W. L. Wagner & Hoch	var. <i>intermedia</i>	(Munz) W. L. Wagner & Hoch	N39.4682°W118.0616°	1646 m (5400 ft)	Louderback Mountains, 900 m west of Queen Peak, just east of Hercules Canyon, 61 km east of Fallon	<i>Atriplex confertifolia</i> , <i>Brickellia microphylla</i> , <i>B. oblongifolia</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Leymus triticoides</i> , <i>Linum usitatissimum</i> , <i>Medicago sativa</i> , <i>Poa secunda</i> , <i>Stipa speciosa</i> , and <i>Tetradymia glabrata</i> .	Common annual, generally much smaller, to 6dm broad here on a mtn shaft berm of rhyolite rock; flowers pale pink, aging darker.	Marc A. Baker	20205	25-Jun-19	with Michelle Cloud-Hughes	Wonder Mountain
ASTERACEAE	Churchill	<i>Brickellia oblongifolia</i>	Nuttall			N39.4682°W118.0616°	1646 m (5400 ft)	Louderback Mountains, 900 m west of Queen Peak, just east of Hercules Canyon, 61 km east of Fallon	<i>Atriplex confertifolia</i> , <i>Brickellia microphylla</i> , <i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Leymus triticoides</i> , <i>Linum usitatissimum</i> , <i>Medicago sativa</i> , <i>Poa secunda</i> , <i>Stipa speciosa</i> , and <i>Tetradymia glabrata</i> .	Locally rather abundant on a disturbed level area.	Marc A. Baker	20206	25-Jun-19	with Michelle Cloud-Hughes	Wonder Mountain
ASTERACEAE	Churchill	<i>Townsendia scopigera</i>	D. C. Eaton			N39.4690°W118.0560°	1762 m (5780 ft)	Louderback Mountains, 460 m NW of the summit of Queen Peak, 62 km east of Fallon	<i>Artemisia tridentata</i> , <i>Astragalus iodanthus</i> , <i>Boechera refracta</i> , <i>Elymus elymoides</i> , <i>Ephedra nevadensis</i> , <i>Graya spinosa</i> , <i>Kochia americana</i> , <i>Malacothrix glabrata</i> , <i>Poa secunda</i> , and <i>Sphaeralcea grossularifolia</i> .	Perennial herb, ray flowers white, disc flowers yellow.	Marc A. Baker	20207	25-Jun-19	with Michelle Cloud-Hughes	Wonder Mountain
BRASSICACEAE	Churchill	<i>Lepidium latifolium</i>	L.			N39.4499°W118.0647°	1695 m (5560 ft)	Louderback Mountains, 960 m west of the summit of Wonder Mountain, 61 km east of Fallon	<i>Ephedra nevadensis</i> , <i>Ericameria nauseosa</i> , <i>Poa secunda</i> , and <i>Sphaeralcea ambigua</i> .	Perennial herb with green leaves, stems erect, to 1.2 m tall; flowers white, along roadside ditch with abundant <i>Bromus tectorum</i> , <i>Erodium cicutarium</i> , and <i>Sisymbrium altissimum</i> .	Marc A. Baker				

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_LonCoordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad	
BRASSICACEAE	Churchill	<i>Lepidium appelianum</i>	Al-Shehbaz			N39.6066°W118.2440°	1905 m (6250 ft)	Stillwater Range, Poco Canyon, 2.7 km NNW of the summit of Job Peak, 48 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Asclepias fasciculatus</i> , <i>Carex praegracilis</i> , <i>Cryptantha torreyana</i> , <i>Eleocharis parishii</i> , <i>Erythranthe guttata</i> , <i>Holodiscus dumosus</i> , <i>Hypericum scouleri</i> , <i>Iva axillaris</i> , <i>Juncus balticus</i> , <i>J. longistylis</i> , <i>Lepidium appelianum</i> , <i>Prunus andersonii</i> , <i>Ranunculus cymbalaria</i> , <i>R. repens</i> , <i>Rumex crispus</i> , <i>Salix lasiolepis</i> , <i>Scrophularia californica</i> , and <i>Symporicarpos longiflorus</i> .	Locally abundant rhizomatous perennial herb above creek in dry soil, flowers white.	Marc A. Baker	20212	26-Jun-19	with Michelle Cloud-Hughes	Job Peak	
BORAGINACEAE	Churchill	<i>Cryptantha torreyana</i>	(A. Gray) E. Greene			N39.6066°W118.2440°	1905 m (6250 ft)	Stillwater Range, Poco Canyon, 2.7 km NNW of the summit of Job Peak, 48 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Asclepias fasciculatus</i> , <i>Carex praegracilis</i> , <i>Eleocharis parishii</i> , <i>Erythranthe guttata</i> , <i>Holodiscus dumosus</i> , <i>Hypericum scouleri</i> , <i>Iva axillaris</i> , <i>Juncus balticus</i> , <i>J. longistylis</i> , <i>Lepidium appelianum</i> , <i>Prunus andersonii</i> , <i>Ranunculus cymbalaria</i> , <i>R. repens</i> , <i>Rumex crispus</i> , <i>Scrophularia californica</i> , and <i>Symporicarpos longiflorus</i> .	Erect annual, flowers white.	Marc A. Baker	20213	26-Jun-19	with Michelle Cloud-Hughes	Job Peak	
CYPERACEAE	Churchill	<i>Carex praegracilis</i>	W. Boott		Identified by Glenn Rink and Max Licher July 2019	N39.6066°W118.2440°	1905 m (6250 ft)	Stillwater Range, Poco Canyon, 2.7 km NNW of the summit of Job Peak, 48 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Asclepias fasciculatus</i> , <i>Cryptantha torreyana</i> , <i>Eleocharis parishii</i> , <i>Erythranthe guttata</i> , <i>Holodiscus dumosus</i> , <i>Hypericum scouleri</i> , <i>Iva axillaris</i> , <i>Juncus balticus</i> , <i>J. longistylis</i> , <i>Lepidium appelianum</i> , <i>Prunus andersonii</i> , <i>Ranunculus cymbalaria</i> , <i>R. repens</i> , <i>Rumex crispus</i> , <i>Salix lasiolepis</i> , <i>Scrophularia californica</i> , and <i>Symporicarpos longiflorus</i> .	In wet soil.	Marc A. Baker	20214	26-Jun-19	with Michelle Cloud-Hughes	Job Peak	
CYPERACEAE	Churchill	<i>Eleocharis parishii</i>	Britton		Identified by Glenn Rink and Max Licher July 2019	N39.6066°W118.2440°	1905 m (6250 ft)	Stillwater Range, Poco Canyon, 2.7 km NNW of the summit of Job Peak, 48 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Asclepias fasciculatus</i> , <i>Carex praegracilis</i> , <i>Cryptantha torreyana</i> , <i>Eleocharis parishii</i> , <i>Erythranthe guttata</i> , <i>Holodiscus dumosus</i> , <i>Hypericum scouleri</i> , <i>Iva axillaris</i> , <i>Juncus balticus</i> , <i>J. longistylis</i> , <i>Lepidium appelianum</i> , <i>Prunus andersonii</i> , <i>Ranunculus cymbalaria</i> , <i>R. repens</i> , <i>Rumex crispus</i> , <i>Salix lasiolepis</i> , <i>Scrophularia californica</i> , and <i>Symporicarpos longiflorus</i> .	In wet soil.	Marc A. Baker	20215	26-Jun-19	with Michelle Cloud-Hughes	Job Peak	
JUNCACEAE	Churchill	<i>Juncus longistylis</i>	Torrey		Identified by Glenn Rink and Max Licher July 2019	N39.6066°W118.2440°	1905 m (6250 ft)	Stillwater Range, Poco Canyon, 2.7 km NNW of the summit of Job Peak, 48 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Asclepias fasciculatus</i> , <i>Carex praegracilis</i> , <i>Cryptantha torreyana</i> , <i>Eleocharis parishii</i> , <i>Erythranthe guttata</i> , <i>Holodiscus dumosus</i> , <i>Hypericum scouleri</i> , <i>Iva axillaris</i> , <i>Juncus balticus</i> , <i>Lepidium appelianum</i> , <i>Prunus andersonii</i> , <i>Ranunculus cymbalaria</i> , <i>R. repens</i> , <i>Rumex crispus</i> , <i>Salix lasiolepis</i> , <i>Scrophularia californica</i> , and <i>Symporicarpos longiflorus</i> .	In wet soil.	Marc A. Baker	20216	26-Jun-19	with Michelle Cloud-Hughes	Job Peak	
CYPERACEAE	Churchill	<i>Carex praegracilis</i>	W. Boott		Identified by Glenn Rink and Max Licher July 2019	N39.6066°W118.2440°	1905 m (6250 ft)	Stillwater Range, Poco Canyon, 2.7 km NNW of the summit of Job Peak, 48 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Asclepias fasciculatus</i> , <i>Cryptantha torreyana</i> , <i>Eleocharis parishii</i> , <i>Erythranthe guttata</i> , <i>Holodiscus dumosus</i> , <i>Hypericum scouleri</i> , <i>Iva axillaris</i> , <i>Juncus balticus</i> , <i>J. longistylis</i> , <i>Lepidium appelianum</i> , <i>Prunus andersonii</i> , <i>Ranunculus cymbalaria</i> , <i>R. repens</i> , <i>Rumex crispus</i> , <i>Salix lasiolepis</i> , <i>Scrophularia californica</i> , and <i>Symporicarpos longiflorus</i> .	In wet soil.	Marc A. Baker	20217	26-Jun-19	with Michelle Cloud-Hughes	Job Peak	
RANUNCULACEAE	Churchill	<i>Ranunculus repens</i>	L.			N39.6066°W118.2440°	1905 m (6250 ft)	Stillwater Range, Poco Canyon, 2.7 km NNW of the summit of Job Peak, 48 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Asclepias fasciculatus</i> , <i>Carex praegracilis</i> , <i>Cryptantha torreyana</i> , <i>Eleocharis parishii</i> , <i>Erythranthe guttata</i> , <i>Holodiscus dumosus</i> , <i>Hypericum scouleri</i> , <i>Iva axillaris</i> , <i>Juncus balticus</i> , <i>J. longistylis</i> , <i>Lepidium appelianum</i> , <i>Prunus andersonii</i> , <i>Ranunculus cymbalaria</i> , <i>R. repens</i> , <i>Rumex crispus</i> , <i>Salix lasiolepis</i> , <i>Scrophularia californica</i> , and <i>Symporicarpos longiflorus</i> .	Moist soil, flowers yellow.	Marc A. Baker	20218	26-Jun-19	with Michelle Cloud-Hughes	Job Peak	
JUNCACEAE	Churchill	<i>Juncus balticus</i>	Willd.		Identified by Glenn Rink and Max Licher July 2019	N39.6066°W118.2440°	1905 m (6250 ft)	Stillwater Range, Poco Canyon, 2.7 km NNW of the summit of Job Peak, 48 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Asclepias fasciculatus</i> , <i>Carex praegracilis</i> , <i>Cryptantha torreyana</i> , <i>Eleocharis parishii</i> , <i>Erythranthe guttata</i> , <i>Holodiscus dumosus</i> , <i>Hypericum scouleri</i> , <i>Iva axillaris</i> , <i>Juncus longistylis</i> , <i>Lepidium appelianum</i> , <i>Prunus andersonii</i> , <i>Ranunculus cymbalaria</i> , <i>R. repens</i> , <i>Rumex crispus</i> , <i>Salix lasiolepis</i> , <i>Scrophularia californica</i> , and <i>Symporicarpos longiflorus</i> .	Moist soil.	Marc A. Baker	20219	26-Jun-19	with Michelle Cloud-Hughes	Job Peak	
HYPERICACEAE	Churchill	<i>Hypericum scouleri</i>	Hook.			N39.6066°W118.2440°	1905 m (6250 ft)	Stillwater Range, Poco Canyon, 2.7 km NNW of the summit of Job Peak, 48 km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Asclepias fasciculatus</i> , <i>Carex praegracilis</i> , <i>Cryptantha torreyana</i> , <i>Eleocharis parishii</i> , <i>Erythranthe guttata</i> , <i>Holodiscus dumosus</i> , <i>Hypericum scouleri</i> , <i>Iva axillaris</i> , <i>Juncus balticus</i> , <i>J. longistylis</i> , <i>Lepidium appelianum</i> , <i>Prunus andersonii</i> , <i>Ranunculus cymbalaria</i> , <i>R. repens</i> , <i>Rumex crispus</i> , <i>Salix lasiolepis</i> , <i>Scrophularia californica</i> , and <i>Symporicarpos longiflorus</i> .	Perennial herb in moist soil, flower buds red-orange, flowers yellow.	Marc A. Baker	20220	26-Jun-19	with Michelle Cloud-Hughes	Job Peak	
ASTERACEAE	Churchill	<i>Pectis papposa</i>	Harvey & A. Gray	var. <i>papposa</i>		N39.6117°W118.3268°	1341 m (4400 ft)	west bajada of the Stillwater Range, at the confluence of Long and Pete Canyons, 8.5 km WNW of the summit of Job Peak, 42 km ENE of Fallon	<i>Amsinckia tessellata</i> , <i>Atriplex confertifolia</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum inflatum</i> , <i>Erodium cicutarium</i> , <i>Grayia spinosa</i> , <i>Poa secunda</i> , <i>Stipa hymenoides</i> , <i>Sarcobatus baileya</i> , and <i>Sphaeralcea ambigua</i> .	Aromatic annual, locally rather abundant; flowers orange-yellow.	Marc A. Baker	20221	26-Jun-19	with Michelle Cloud-Hughes	Table Mountain	
JUNCACEAE	Churchill	<i>Juncus balticus</i>	Willd.		Identified by Glenn Rink and Max Licher July 2019	N39.6158°W118.2275°	2067 m (6780 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Agrostis capillaris</i> , <i>Artemisia tridentata</i> , <i>Crepis runcinata</i> , <i>Erythranthe guttata</i> , <i>Festuca arundinacea</i> , <i>Hordeum brachyantherum</i> , <i>Lepidium appelianum</i> , <i>Leymus cinereus</i> , <i>Lupinus argenteus</i> , <i>Lupinus velutinus</i> , and <i>Ribes velutinum</i> .	Locally abundant.	Marc A. Baker	20222	27-Jun-19	with Michelle Cloud-Hughes	Job Peak	
POACEAE	Churchill	<i>Hordeum brachyantherum</i>	Nevski			N39.6158°W118.2275°	2067 m (6780 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Agrostis capillaris</i> , <i>Artemisia tridentata</i> , <i>Crepis runcinata</i> , <i>Erythranthe guttata</i> , <i>Festuca arundinacea</i> , <i>Hordeum brachyantherum</i> , <i>Juncus balticus</i> , <i>Lepidium appelianum</i> , <i>Leymus cinereus</i> , <i>Lupinus argenteus</i> , and <i>Ribes velutinum</i> .		Marc A. Baker	20223	27-Jun-19	with Michelle Cloud-Hughes	Job Peak	
POACEAE	Churchill	<i>Festuca arundinacea</i>	Scheber			N39.6158°W118.2275°	2067 m (6780 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Agrostis capillaris</i> , <i>Artemisia tridentata</i> , <i>Crepis runcinata</i> , <i>Erythranthe guttata</i> , <i>Hordeum brachyantherum</i> , <i>Juncus balticus</i> , <i>Lepidium appelianum</i> , <i>Leymus cinereus</i> , <i>Lupinus argenteus</i> , and <i>Ribes velutinum</i> .		Marc A. Baker	20224	27-Jun-19	with Michelle Cloud-Hughes	Job Peak	
GROSSULARIACEAE	Churchill	<i>Ribes velutinum</i>	E. Greene			N39.6158°W118.2275°	2067 m (6780 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon		<i>Agrostis capillaris</i> , <i>Artemisia tridentata</i> , <i>Crepis runcinata</i> , <i>Erythranthe guttata</i> , <i>Festuca arundinacea</i> , <i>Hordeum brachyantherum</i> , <i>Juncus balticus</i> , <i>Lepidium appelianum</i> , <i>Leymus cinereus</i> , and <i>Lupinus argenteus</i> .		Marc A. Baker	20225	27-Jun-19	with Michelle Cloud-Hughes	Job Peak
POACEAE	Churchill	<i>Agrostis capillaris</i>	L.			N39.6158°W118.2275°	2067 m (6780 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Artemisia tridentata</i> , <i>Crepis runcinata</i> , <i>Erythranthe guttata</i> , <i>Festuca arundinacea</i> , <i>Hordeum brachyantherum</i> , <i>Juncus balticus</i> , <i>Lepidium appelianum</i> , <i>Leymus cinereus</i> , <i>Lupinus argenteus</i> , and <i>Ribes velutinum</i> .		Marc A. Baker	20226	27-Jun-19	with Michelle Cloud-Hughes	Job Peak	
PINACEAE	Churchill	<i>Pinus monophylla</i>	Torrey & Frémont			N39.6166°W118.2264°	2088 m (6850 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Artemisia tridentata</i> , <i>Balsamorhiza sagittata</i> , <i>Cirsium occidentale</i> , <i>Elymus elymoides</i> , <i>Ericameria nana</i> , <i> Gutierrezia sarothrae</i> , <i>Lupinus argenteus</i> , and <i>Stipa thurberiana</i> .	Common sympodial to monopodial tree, this one 3 m tall, 4 m broad.	Marc A. Baker	20227	27-Jun-19	with Michelle Cloud-Hughes	Job Peak	
ASTERACEAE	Churchill	<i>Cirsium occidentale</i>	(Nuttall) Jepson	var. <i>candidissimum</i>	(E. Greene) J. F. Macbride	N39.6166°W118.2264°	2088 m (6850 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Artemisia tridentata</i> , <i>Balsamorhiza sagittata</i> , <i>Cirsium occidentale</i> , <i>Elymus elymoides</i> , <i>Ericameria nana</i> , <i> Gutierrezia sarothrae</i> , <i>Lupinus argenteus</i> , and <i>Stipa thurberiana</i> .	Infrequent erect biennial to 1.3 m tall, flowers red.	Marc A. Baker	20228	27-Jun-19	with Michelle Cloud-Hughes	Job Peak	
POACEAE	Churchill	<i>Stipa thurberiana</i>	Piper			N39.6166°W118.2264°	2088 m (6850 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Artemisia tridentata</i> , <i>Balsamorhiza sagittata</i> , <i>Cirsium occidentale</i> , <i>Elymus elymoides</i> , <i>Ericameria nana</i> , <i> Gutierrezia sarothrae</i> , <i>Lupinus argenteus</i> , and <i>Pinus monophylla</i> .	Cespitose, to 1 m tall.	Marc A. Baker	20229	27-Jun-19	with Michelle Cloud-Hughes	Job Peak	
BORAGINACEAE	Churchill	<i>Mertensia oblongifolia</i>	(Nuttall) G. Don.			N39.6152°W118.2243°	2043 m (6700 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Amelanchier utahensis</i> , <i>Artemisia tridentata</i> , <i>Boechera microphylla</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Festuca rubra</i> , <i>Holodiscus discolor</i> , <i>Hydrophyllum occidentale</i> , <i>Ivesia baileyi</i> , <i>Leymus cinereus</i> , <i>Media glomerata</i> , <i>Mertensia oblongifolia</i> , <i>Navarretia breweri</i> , <i>Phoenicaulis cheiranthoides</i> , <i>Poa secunda</i> , <i>Ribes niveum</i> , and <i>Rosa woodsii</i> .	Perennial herb, stems decumbent here, flowers pale blue, mostly passed.	Marc A. Baker	20230	27-Jun-19	with Michelle Cloud-Hughes	Job Peak	
BRASSICACEAE	Churchill	<i>Pheoniculis cheiranthoides</i>	Nuttall			N39.6152°W118.2243°	2043 m (6700 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Amelanchier utahensis</i> , <i>Artemisia tridentata</i> , <i>Boechera microphylla</i> , <i>Chrysanthemum viscidiflorus</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Festuca rubra</i>							

Family	County	Species	Authority	Subspecies/Variety	Subsp./Var Authority	Lat_LonCoordinates (WGS84)	Elevation	Location	Associated	Notes	Collector	BakerCollNo	Date	Addl. Collectors	USGS 7.5' Topo Quad
POACEAE	Churchill	<i>Festuca rubra</i>	L.			N39.6152°W118.2243°	2043 m (6700 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Amelanchier utahensis</i> , <i>Artemisia tridentata</i> , <i>Boechera microphylla</i> , <i>Chrysanthus viscidiflorus</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Holodiscus discolor</i> , <i>Hydrophyllum occidentale</i> , <i>Ivesia baileya</i> , <i>Leymus cinereus</i> , <i>Meda glomerata</i> , <i>Mertensia oblongifolia</i> , <i>Navarretia breweri</i> , <i>Phoenicaulis cheiranthoides</i> , <i>Poa secunda</i> , <i>Ribes nivium</i> , and <i>Rosa woodsii</i> .	Infrequent cespitose perennial.	Marc A. Baker	20236	27-Jun-19	with Michelle Cloud-Hughes	Job Peak
ASTERACEAE	Churchill	<i>Meda glomerata</i>	Hook.			N39.6152°W118.2243°	2043 m (6700 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Amelanchier utahensis</i> , <i>Artemisia tridentata</i> , <i>Boechera microphylla</i> , <i>Chrysanthus viscidiflorus</i> , <i>Elymus elymoides</i> , <i>Ericameria nauseosa</i> , <i>Eriogonum microthecum</i> , <i>Festuca rubra</i> , <i>Holodiscus discolor</i> , <i>Hydrophyllum occidentale</i> , <i>Ivesia baileya</i> , <i>Leymus cinereus</i> , <i>Mertensia oblongifolia</i> , <i>Navarretia breweri</i> , <i>Phoenicaulis cheiranthoides</i> , <i>Poa secunda</i> , <i>Ribes nivium</i> , and <i>Rosa woodsii</i> .	Mostly erect annual, ray flowers generally 2-3 in number, yellow.	Marc A. Baker	20237	27-Jun-19	with Michelle Cloud-Hughes	Job Peak
ROSACEAE	Churchill	<i>Geum macrophyllum</i>	Willd.	var. <i>perincisum</i>	(Rydb.) Raup	N39.6140°W118.2247°	2060 m (6760 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Aquilegia formosa</i> , <i>Amelanchier utahensis</i> , <i>Carex douglasii</i> , <i>Cornus sericea</i> , <i>Erythranthe guttata</i> , <i>Juncus balticus</i> , <i>Leymus cinereus</i> , <i>Lupinus argenteus</i> , <i>Oenothera elata</i> , <i>Perideridia bolanderi</i> , <i>Poa secunda</i> , <i>Potentilla biennis</i> , and <i>Rosa woodsii</i> .	Herb to 1 m tall, flowers yellow.	Marc A. Baker	20238	27-Jun-19	with Michelle Cloud-Hughes	Job Peak
ROSACEAE	Churchill	<i>Potentilla biennis</i>	E. Greene			N39.6140°W118.2247°	2060 m (6760 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Aquilegia formosa</i> , <i>Amelanchier utahensis</i> , <i>Carex douglasii</i> , <i>Cornus sericea</i> , <i>Erythranthe guttata</i> , <i>Geum macrophyllum</i> , <i>Juncus balticus</i> , <i>Leymus cinereus</i> , <i>Lupinus argenteus</i> , <i>Oenothera elata</i> , <i>Perideridia bolanderi</i> , <i>Poa secunda</i> , and <i>Rosa woodsii</i> .		Marc A. Baker	20239	27-Jun-19	with Michelle Cloud-Hughes	Job Peak
CORNACEAE	Churchill	<i>Cornus sericea</i>	L.			N39.6140°W118.2247°	2060 m (6760 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Aquilegia formosa</i> , <i>Amelanchier utahensis</i> , <i>Carex douglasii</i> , <i>Erythranthe guttata</i> , <i>Geum macrophyllum</i> , <i>Juncus balticus</i> , <i>Leymus cinereus</i> , <i>Lupinus argenteus</i> , <i>Oenothera elata</i> , <i>Perideridia bolanderi</i> , <i>Poa secunda</i> , <i>Potentilla biennis</i> , and <i>Rosa woodsii</i> .	Infrequent shrub at base of cliff, flowers white.	Marc A. Baker	20240	27-Jun-19	with Michelle Cloud-Hughes	Job Peak
CYPERACEAE	Churchill	<i>Carex douglasii</i>	W. Boott		Identified by Glenn Rink and Max Licher July 2019	N39.6140°W118.2247°	2060 m (6760 ft)	Stillwater Range, upper reaches of Big Box Canyon, 3.7 km NNE of the summit of Job Peak, 50km ENE of Fallon	<i>Agrostis stolonifera</i> , <i>Aquilegia formosa</i> , <i>Amelanchier utahensis</i> , <i>Cornus sericea</i> , <i>Erythranthe guttata</i> , <i>Geum macrophyllum</i> , <i>Juncus balticus</i> , <i>Leymus cinereus</i> , <i>Lupinus argenteus</i> , <i>Oenothera elata</i> , <i>Perideridia bolanderi</i> , <i>Poa secunda</i> , <i>Potentilla biennis</i> , and <i>Rosa woodsii</i> .	On dry bank of south-facing slope.	Marc A. Baker	20241	27-Jun-19	with Michelle Cloud-Hughes	Job Peak
PLANTAGINACEAE	Churchill	<i>Penstemon speciosus</i>	Lindley			N39.6199°W118.2345°	2150 m (7050 ft)	Stillwater Range, upper reaches of Big Box Canyon, 4.1 km north of the summit of Job Peak, 49 km ENE of Fallon	<i>Allium atropurpureum</i> , <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Lepidium appelianum</i> , <i>Lomatium nudicaule</i> , <i>Oenothera caespitosa</i> , <i>Potentilla speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , and <i>Poa secunda</i> .	Perennial herb with ca. glaucous leaves; corolla pink purple, aging blue; base of lower lip at top of throat white.	Marc A. Baker	20242	27-Jun-19	with Michelle Cloud-Hughes	Job Peak
MONTIACEAE	Churchill	<i>Lewisia rediviva</i>	Pursh			N39.6199°W118.2345°	2150 m (7050 ft)	Stillwater Range, upper reaches of Big Box Canyon, 4.1 km north of the summit of Job Peak, 49 km ENE of Fallon	<i>Allium atropurpureum</i> , <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Lepidium appelianum</i> , <i>Lomatium nudicaule</i> , <i>Oenothera caespitosa</i> , <i>Penstemon speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , and <i>Poa secunda</i> .	On saddle, flowers white, mostly passed.	Marc A. Baker	20243	27-Jun-19	with Michelle Cloud-Hughes	Job Peak
CUPRESSACEAE	Churchill	<i>Juniperus</i>				N39.6199°W118.2345°	2150 m (7050 ft)	Stillwater Range, upper reaches of Big Box Canyon, 4.1 km north of the summit of Job Peak, 49 km ENE of Fallon	<i>Allium atropurpureum</i> , <i>Astragalus iodanthus</i> , <i>A. newberryi</i> , <i>Castilleja chromosa</i> , <i>Chrysanthus viscidiflorus</i> , <i>Crepis runcinata</i> , <i>Elymus elymoides</i> , <i>Lepidium appelianum</i> , <i>Lewisia rediviva</i> , <i>Lomatium nudicaule</i> , <i>Oenothera caespitosa</i> , <i>Penstemon speciosus</i> , <i>Phlox hoodii</i> , <i>P. longifolia</i> , and <i>Poa secunda</i> .	Green, rounded shrub 3 m tall, as broad.	Marc A. Baker	20244	27-Jun-19	with Michelle Cloud-Hughes	Job Peak
POLYGONACEAE	Churchill	<i>Eriogonum ovalifolium</i>	Nuttall	var. <i>ovalifolium</i>		N39.1223°W118.0392°	1670 m (5480 ft)	14.5 km east of Slate Mountain, 30km NW of Gabbs, 75 km ESE of Fallon	<i>Chaenactis macrantha</i> , <i>Chrysanthus viscidiflorus</i> , <i>Elymus elymoides</i> , <i>Ephedra nevadensis</i> , <i>Euphorbia polycarpa</i> , <i>Grayia spinosa</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Stanleya elata</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Frequent perennial herb with gray-green leaves and pale yellow flowers.	Marc A. Baker	20245	28-Jun-19	with Michelle Cloud-Hughes	Broken Hills
ASTERACEAE	Churchill	<i>Chaenactis macrantha</i>	D. C. Eat.			N39.1223°W118.0392°	1670 m (5480 ft)	14.5 km east of Slate Mountain, 30km NW of Gabbs, 75 km ESE of Fallon	<i>Chrysanthus viscidiflorus</i> , <i>Elymus elymoides</i> , <i>Ephedra nevadensis</i> , <i>Eriogonum ovalifolium</i> , <i>Euphorbia polycarpa</i> , <i>Grayia spinosa</i> , <i>Gutierrezia sarothrae</i> , <i>Hilaria jamesii</i> , <i>Stanleya elata</i> , <i>Stipa hymenoides</i> , and <i>Tetradymia glabrata</i> .	Local annual on red-brown loose soil with <i>Eriogonum deflexum</i> and <i>Sarcobatus baileyi</i> .	Marc A. Baker	20246	28-Jun-19	with Michelle Cloud-Hughes	Broken Hills

Appendix C: Field Collection Data Fields (Pick Lists)

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Rare Plant Species	
Code	Rare Species
AstLenSco	<i>Astragalus lentiginosus</i> var. <i>scorpionis</i>
AstPor	<i>Astragalus porrectus</i>
AstPse	<i>Astragalus pseudodanthus</i>
AstPte	<i>Astragalus pterocarpus</i>
CamNev	<i>Camissonia (=Eremothera) nevadensis</i>
EriBea	<i>Eriogonum beatleyae</i>
EriLem	<i>Eriogonum lemmonii</i>
EriRub	<i>Eriogonum rubricaulle</i>
GruPul	<i>Grusonia pulchella</i>
HelDes	<i>Helianthus deserticola</i>
LinAre	<i>Linanthus arenicola</i>
MenCan	<i>Mentzelia candelariae</i>
MenIny	<i>Mentzelia inyoensis</i>
OryNev	<i>Oryctes nevadensis</i>
PenAre	<i>Penstemon arenarius</i>
PenPalMac	<i>Penstemon palmeri</i> var. <i>macranthus</i>
PhaGla	<i>Phacelia glaberrima</i>
PlaSal	<i>Plagiobothrys salsus</i>
PsoKin	<i>Psorothamnus kingii</i>

Rare Plant Phenology	
Code	Phenology Stage
Vg	Vegetative
Fl	Flowering
Sd	Seeding
Dd	Dropped seeds
Jv	Juvenile
Bd	Budding

Rare Plant Count Type	
Code	Type
Est	Estimate
Act	Actual

Base Species List	
Code	Species
UnkUnk	Unknown- see notes
AbrTur	<i>Abronia turbinata</i>
AcaSho	<i>Acamptopappus shockleyi</i>
AchHym	<i>Achnatherum hymenoides</i>
AchSpe	<i>Achnatherum speciosum</i>
AchThu	<i>Achnatherum thurberianum</i>
AgrDes	<i>Agropyron desertorum</i>
AliLat	<i>Aliciella latifolia</i>
AliLot	<i>Aliciella lottiae</i>
AliMic	<i>Aliciella micromeria</i>
AllOcc	<i>Allenrolfea occidentalis</i>
AllAnc	<i>Allium anceps</i>
AllAtr	<i>Allium atrorubens</i>
AllAtrAtr	<i>Allium atrorubens</i> var. <i>atrorubens</i>
AmbAca	<i>Ambrosia acanthicarpa</i>
AmsTes	<i>Amsinckia tessellata</i>
ArtArb	<i>Artemisia arbuscula</i>
ArtTriTri	<i>Artemisia tridentata</i> ssp. <i>tridentata</i>
ArtTriWyo	<i>Artemisia tridentata</i> ssp. <i>wyomingensis</i>
AscFas	<i>Asclepias fascicularis</i>
AscSpe	<i>Asclepias speciosa</i>
AstAtr	<i>Astragalus atratus</i>
AstGeyGey	<i>Astragalus geyeri</i> var. <i>geyeri</i>
AstIodIod	<i>Astragalus iodanthus</i> var. <i>iodanthus</i>
AstLenSco	<i>Astragalus lentiginosus</i> var. <i>scorpioides</i> (Rare)
AstLenKen	<i>Astragalus lentiginosus</i> var. <i>kennedyi</i>
AstNewCas	<i>Astragalus newberryi</i> var. <i>castoreus</i>
AstPor	<i>Astragalus porrectus</i> (Rare)
AstPse	<i>Astragalus pseudotomentosus</i> (Rare)
AstPte	<i>Astragalus pterocarpus</i> (Rare)
AstPurPur	<i>Astragalus purshii</i> var. <i>purshii</i>
AstSerSho	<i>Astragalus serenoi</i> var. <i>shockleyi</i>
AstSerSer	<i>Astragalus serenoi</i> var. <i>serenoi</i>
AtrArgArg	<i>Atriplex argentea</i> var. <i>argentea</i>
AtrCan	<i>Atriplex canescens</i>
AtrCon	<i>Atriplex confertifolia</i>
AtrTor	<i>Atriplex torreyi</i>
AtrTru	<i>Atriplex truncata</i>
BleKin	<i>Blepharidachne kingii</i>
BoeLig	<i>Boechera lignifera</i>
BouBar	<i>Bouteloua barbata</i>
BriLonMul	<i>Brickellia longifolia</i> ssp. <i>multiflora</i>
BriMicMic	<i>Brickellia microphylla</i> var. <i>microphylla</i>
BriOblLin	<i>Brickellia oblongifolia</i> var. <i>linifolia</i>
BroMad	<i>Bromus madritensis</i>
BroRub	<i>Bromus rubens</i>
BroTec	<i>Bromus tectorum</i>
CamMic	<i>Camelina microcarpa</i>

Base Species List	
Code	Species
CamNev	<i>Camissonia</i> (=Eremothera) <i>nevadensis</i> (Rare)
CarPub	<i>Cardaria pubescens</i>
CarPra	<i>Carex praegracilis</i>
CasChr	<i>Castilleja chromosa</i>
CasMinMin	<i>Castilleja minor</i> ssp. <i>minor</i>
CauCraCra	<i>Caulanthus crassicaulis</i> var. <i>crassicaulis</i>
CauMajNev	<i>Caulanthus major</i> var. <i>nevadensis</i>
CauPil	<i>Caulanthus pilosus</i>
ChaCar	<i>Chaenactis carphoclinia</i>
ChaDouDou	<i>Chaenactis douglasii</i> var. <i>douglasii</i>
ChaFre	<i>Chaenactis fremontii</i>
ChaMac	<i>Chaenactis macrantha</i>
ChaSte	<i>Chaenactis stevioides</i>
ChaXan	<i>Chaenactis xantiana</i>
ChaWhe	<i>Chaetadelpha wheeleri</i>
ChaEma	<i>Chamaesyce emarginata</i>
ChaOceAre	<i>Chamaesyce ocellata</i> ssp. <i>arenicola</i>
CheAlb	<i>Chenopodium album</i>
CheFre	<i>Chenopodium fremontii</i>
CheNev	<i>Chenopodium nevadense</i>
ChoNev	<i>Chorisiva nevadensis</i>
ChoBreSpa	<i>Chorizanthe brevicornu</i> var. <i>spathulata</i>
ChoRig	<i>Chorizanthe rigida</i>
ChoWat	<i>Chorizanthe watsonii</i>
ChrNau	<i>Chrysothamnus nauseosum</i>
ChrVisVis	<i>Chrysothamnus viscidiflorus</i> ssp. <i>viscidiflorus</i>
ChyClalnt	<i>Chylismia claviformis</i> ssp. <i>integrior</i>
ChyHet	<i>Chylismia heterochroma</i>
CirNeo	<i>Cirsium neomexicanum</i>
CirOccVen	<i>Cirsium occidentale</i> var. <i>venustum</i>
CleLut	<i>Cleome lutea</i>
CleSpa	<i>Cleome sparsifolia</i>
CleHilHil	<i>Cleomella hillmanii</i> ssp. <i>hillmanii</i>
ColPar	<i>Collinsia parviflora</i>
ConArv	<i>Convolvulus arvensis</i>
CreAcuAcu	<i>Crepis acuminata</i> ssp. <i>acuminata</i>
CreOccCon	<i>Crepis occidentalis</i> ssp. <i>conjuncta</i>
CreRunAnd	<i>Crepis runcinata</i> var. <i>andersonii</i>
CryCin	<i>Cryptantha cinerea</i>
CryCir	<i>Cryptantha circumscissa</i>
CryFla	<i>Cryptantha flavoculata</i>
CryHum	<i>Cryptantha humilis</i>
CryMic	<i>Cryptantha micrantha</i>
CryNev	<i>Cryptantha nevadensis</i>
CryPte	<i>Cryptantha pterocarya</i>
CymCor	<i>Cymopterus corrugatus</i>
DelAnd	<i>Delphinium andersonii</i>
DelNut	<i>Delphinium nuttallianum</i>

Base Species List	
Code	Species
DesElo	<i>Deschampsia elongata</i>
DesPin	<i>Descurainia pinnata</i>
DesSop	<i>Descurainia sophia</i>
DicCan	<i>Dicoria canescens</i>
DisSpi	<i>Distichlis spicata</i>
ElaAng	<i>Elaeagnus angustifolius</i>
EleMac	<i>Eleocharis macrostachya</i>
ElyEly	<i>Elymus elymoides</i>
EphNev	<i>Ephedra nevadensis</i>
EphVir	<i>Ephedra viridis</i>
EpiCilCil	<i>Epilobium ciliatum ssp. ciliatum</i>
EreTri	<i>Eremopyrum triticeum</i>
EreBooDes	<i>Eremothera boothii</i> var. <i>desertorum</i>
EriWil	<i>Eriastrum wilcoxii</i>
EriNan	<i>Ericameria nana</i>
EriNauHol	<i>Ericameria nauseosa</i> var. <i>hololeuca</i>
EriTer	<i>Ericameria teretifolia</i>
EriVis	<i>Ericameria viscidiflora</i>
EriAph	<i>Erigeron aphanactis</i>
EriBea	<i>Eriogonum beatleyae</i> (Rare)
EriBra	<i>Eriogonum brachyanthum</i>
EriCae	<i>Eriogonum caespitosum</i>
EriDefNev	<i>Eriogonum deflexum</i> var. <i>nevadense</i>
EriHeeHee	<i>Eriogonum heermannii</i> var. <i>heermannii</i>
EriInflInf	<i>Eriogonum inflatum</i> var. <i>inflatum</i>
EriLem	<i>Eriogonum lemmonii</i> (Rare)
EriMac	<i>Eriogonum maculatum</i>
EriNid	<i>Eriogonum nidularium</i>
EriOvaOva	<i>Eriogonum ovalifolium</i> var. <i>ovalifolium</i>
EriOvaPur	<i>Eriogonum ovalifolium</i> var. <i>purpureum</i>
EriPus	<i>Eriogonum pusillum</i>
EriRen	<i>Eriogonum reniforme</i>
EriRub	<i>Eriogonum rubricaulle</i> (Rare)
EriPri	<i>Eriophyllum pringlei</i>
EroCic	<i>Erodium cicutarium</i>
EscMinMin	<i>Eschscholzia minutiflora</i> ssp. <i>minutiflora</i>
FesOct	<i>Festuca octoflora</i>
GalApa	<i>Galium aparine</i>
GalMul	<i>Galium multiflorum</i>
GayHum	<i>Gayophytum humile</i>
GilSco	<i>Gilia scopularum</i>
GilSin	<i>Gilia sinuata</i>
GlyMar	<i>Glyptopleura marginata</i>
GraSpi	<i>Grayia spinosa</i>
GruPul	<i>Grusonia pulchella</i> (Rare)
GutSar	<i>Gutierrezia sarothrae</i>
HalGlo	<i>Halogeton glomeratus</i>
HelAnn	<i>Helianthus annuus</i>

Base Species List	
Code	Species
HelDes	<i>Helianthus deserticola</i> (Rare)
HesComCom	<i>Hesperostipa comata</i> var. <i>comata</i>
HilJam	<i>Hilaria jamesii</i>
HymSalSal	<i>Hymenoclea salsola</i> var. <i>salsola</i>
IpoPlo	<i>Ipomopsis polycladon</i>
IvaAxiRob	<i>Iva axillaris</i> var. <i>robustior</i>
JunBal	<i>Juncus balticus</i>
JunMex	<i>Juncus mexicanus</i>
JunOst	<i>Juniperus osteosperma</i>
KocAme	<i>Kochia americana</i>
KraLan	<i>Krascheninnikovia lanata</i>
LacSer	<i>Lactuca serriola</i>
LayGla	<i>Layia glandulosa</i>
LayPla	<i>Layia platyglossa</i>
LepDenPub	<i>Lepidium densiflorum</i> var. <i>pubicarpum</i>
LepFlaFla	<i>Lepidium flavum</i> var. <i>flavum</i>
LepFre	<i>Lepidium fremontii</i>
LepLas	<i>Lepidium lasiocarpum</i>
LepPer	<i>Lepidium perfoliatum</i>
LepVirPub	<i>Lepidium virginicum</i> var. <i>pubescens</i>
LepPun	<i>Leptodactylon pungens</i>
LeyCin	<i>Leymus cinereus</i>
LeyTri	<i>Leymus triticoides</i>
LinAre	<i>Linanthus arenicola</i> (Rare)
LinPun	<i>Linanthus pungens</i>
LoeDep	<i>Loeseliastrum depressum</i>
LoeSch	<i>Loeseliastrum schottii</i>
LomFoeMac	<i>Lomatium foeniculaceum</i> ssp. <i>macdougalii</i>
LupArgHet	<i>Lupinus argenteus</i> var. <i>heteranthus</i>
LupPusInt	<i>Lupinus pusillus</i> var. <i>intermontanus</i>
LycSho	<i>Lycium shockleyi</i>
MalGla	<i>Malacothrix glabrata</i>
MalSon	<i>Malacothrix sonchoides</i>
MalAfr	<i>Malcolmia africana</i>
MelAlb	<i>Melilotus albus</i>
MenAlb	<i>Mentzelia albicaulis</i>
MenCan	<i>Mentzelia candelariae</i> (Rare)
MenIny	<i>Mentzelia inyoensis</i> (Rare)
MenLaeLae	<i>Mentzelia laevicaulis</i> var. <i>laevicaulis</i>
MicPus	<i>Micromonolepis pusillum</i>
MimFlo	<i>Mimulus floribundus</i>
MimMep	<i>Mimulus mephiticus</i>
MirAli	<i>Mirabilis alipes</i>
MirLaeVil	<i>Mirabilis laevis</i> var. <i>villosa</i>
MonNut	<i>Monolepis nuttalliana</i>
NamAreMul	<i>Nama aretioides</i> var. <i>multiflorum</i>
NasOff	<i>Nasturtium officinale</i>
NavBre	<i>Navarretia breweri</i>

Base Species List	
Code	Species
OenDelPip	<i>Oenothera deltoides</i> ssp. <i>piperi</i>
OpuEri	<i>Opuntia erinacea</i>
OroCor	<i>Orobanche corymbosa</i>
OryNev	<i>Oryctes nevadensis</i> (Rare)
OxyPer	<i>Oxytheca perfoliata</i>
PecPap	<i>Pectis papposa</i>
PecSet	<i>Pectocarya setosa</i>
PenAcu	<i>Penstemon acuminatus</i> var. <i>latebracteatus</i>
PenAre	<i>Penstemon arenarius</i> (Rare)
PenPalMac	<i>Penstemon palmeri</i> var. <i>macranthus</i> (Rare)
PenPalPal	<i>Penstemon palmeri</i> var. <i>palmeri</i>
PenSpe	<i>Penstemon speciosus</i>
PhaAre	<i>Phacelia arenaria</i>
PhaBicBic	<i>Phacelia bicolor</i> var. <i>bicolor</i>
PhaCre	<i>Phacelia crenulata</i>
PhaGla	<i>Phacelia glaberrima</i> (Rare)
PhaGym	<i>Phacelia gymnoclada</i>
PhaHasHas	<i>Phacelia hastata</i> var. <i>hastata</i>
PhlHooCan	<i>Phlox hoodii</i> var. <i>canescens</i>
PhlLon	<i>Phlox longifolia</i>
PhlSta	<i>Phlox stansburyi</i>
PhrAus	<i>Phragmites australis</i>
PicDes	<i>Picrothamnus desertorum</i>
PinMon	<i>Pinus monophylla</i>
PlaKin	<i>Plagiobothrys kingii</i>
PlaSal	<i>Plagiobothrys salsus</i> (Rare)
PlaScoHis	<i>Plagiobothrys scouleri</i> var. <i>hispidulus</i>
PoaSec	<i>Poa secunda</i>
PolDouDou	<i>Polygonum douglasii</i> ssp. <i>douglasii</i>
PolMon	<i>Polypogon monspeliensis</i>
PopFre	<i>Populus fremontii</i>
PreExi	<i>Prenanthes exiguus</i>
PruAnd	<i>Prunus andersonii</i>
PsaAnn	<i>Psathyrotes annua</i>
PsoLan	<i>Psoralidium lanceolatum</i>
PsoKin	<i>Psorothamnus kingii</i> (Rare)
PsoPol	<i>Psorothamnus polydenius</i>
RanCymSax	<i>Ranunculus cymbalaria</i> var. <i>saximontanus</i>
RumCri	<i>Rumex crispus</i>
RumVen	<i>Rumex venosus</i>
SaiKin	<i>Sairocarpus kingii</i>
SalDep	<i>Salicornia depressa</i>
SalTra	<i>Salsola tragus</i>
SalCol	<i>Salvia columbariae</i>
SarBai	<i>Sarcobatus baileyi</i>
SarVer	<i>Sarcobatus vermiculatus</i>
SchAme	<i>Schoenoplectus americanus</i>
SchPunLon	<i>Schoenoplectus pungens</i> var. <i>longispicatus</i>

Base Species List	
Code	Species
SciNev	<i>Scirpus nevadensis</i>
SisAlt	<i>Sisymbrium altissimum</i>
SphAmbAmb	<i>Sphaeralcea ambigua</i> ssp. <i>ambigua</i>
SphGro	<i>Sphaeralcea grossulariifolia</i>
SpoCry	<i>Sporobolus cryptandrus</i>
StaEla	<i>Stanleya elata</i>
StaPin	<i>Stanleya pinnata</i>
SteExi	<i>Stephanomeria exigua</i>
StePau	<i>Stephanomeria pauciflora</i>
StiSpe	<i>Stipa speciosa</i>
StuCov	<i>Stutzia covillei</i>
SuaMoq	<i>Suaeda moquinii</i>
SymLong	<i>Symphoricarpos longiflorus</i>
TamRam	<i>Tamarix ramosissima</i>
TarOff	<i>Taraxacum officinale</i>
TetGla	<i>Tetradymia glabrata</i>
TetSpi	<i>Tetradymia spinosa</i>
TetTet	<i>Tetradymia tetrameres</i>
TheFle	<i>Thelypodium flexuosum</i>
ThiPon	<i>Thinopyrum ponticum</i>
TiqNut	<i>Tiquilia nuttallii</i>
TriConDeb	<i>Triglochin concinna</i> var. <i>debilis</i>
TypDom	<i>Typha domingensis</i>
VerAme	<i>Veronica americana</i>
ZigPan	<i>Zigadenus paniculatus</i>