Summer 1999 Survey to Identify and Document Mushrooms and other Fleshy Fungi in the Black Hills of South Dakota.

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Project Title: Collecting, Identifying, and Photographing Fungi in the Black Hills of South Dakota.

SUMMER 1999 SURVEY TO IDENTIFY AND DOCUMENT MUSHROOMS AND OTHER FLESHY FUNGI IN THE BLACK HILLS OF SOUTH DAKOTA

INTRODUCTION

Data for the second year of a study to collect and identify mushrooms and other fleshy fungi from the Black Hills of South Dakota is reported, and 1999 data is compared with 1998 data. Results from the second year of collecting will supplement the summer 1998 data and can be added to the South Dakota Natural Heritage Database. Data for each specimen collected included site, date collected, major taxonomic category, identification of the species, the reference used for identification, primary and secondary vegetation in the habitat, substrate colonized, land use , edibility and collection number. In addition to collecting and identifying fungi, summer 1999 work included investigation and evaluation of five new sites for collecting fungi, photography of specimens, initial preparation of a book written for the general public on common fungi of the Black Hills and completion of exsiccatae preparation for 1998 specimens, which have been deposited in the Black Hills State University Fungal Collection. Procedures and results for summer 1999 work will be presented followed by a discussion and summary that attempts to integrate 1998 and 1999 data. Conclusions and/or predictions for both years of collecting will be made regarding best time to collect, seasonality of common fungi, the most common group collected, the most common substrate, sites with the most diversity, and uncommon or rare fungi collected.

PROCEDURE

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During the summer of 1999 fungi were collected four times from late May to early September at each of the five permanent South Dakota sites. Botany Bay (Lawrence County, T5N, R2E, Sec. 4; N 44°.25.290, W 103°.52.885) is a narrow moist canyon diverging from Spearfish Canyon. *Pinus ponderosa* and *Picea glauca* dominate the landscape, but numerous *Ostrya virginiana*, *Betula papyrifera* and *Rubus parviflorus* plants are present. The collecting area is approximately 2,500 m^2 at an elevation of 1447 m. Eleventh Hour Spring (Lawrence County, T5N, R1E, Sec. 12; N 44°.24.360, W 103°. 56.183) site has an area of approximately 35,700 m^2 and an elevation of 1652 m . *Populus tremuloides* dominates the landscape with *Pteridium aquilinum* the dominant understory. *Pinus ponderosa* is present in fewer numbers. The relatively dry east-facing slope of the Alabaugh Canyon (Fall River County, T8S, R5E, Sec 20, NW 1/4; N 43°.20.534, W 103°.33.349) site is at an elevation of 977 m and includes approximately 77,000 m^2. It was the only site where *Juniperus scopulorum* was a co-dominant with *Pinus ponderosa.* Small areas of prairie were interspersed between the trees. Rochford-USFS Rd. 127-1B (Pennington County, T2N, R3E, Sec 22, EC 1/4; N 44°.06.971, W 103°.44.378) site is a wet north-facing slope with dense stands of *Pinus ponderosa* and *Picea glauca. Linnaea borealis* is a common herbaceous component of the habitat. The site covers approximately 8,750 m^2 at an elevation of 1609 m. Elevation of the Rochford Cemetery area (Pennington County, T2N, R3E, Sec 22, SW 1/4 & T2N, R3E, Sec 27 NW 1/4; N 44°.06.672, W 103°.44.919) is 1761 m and it covers approximately 20,000 m^2. The site is flat, and dominated almost exclusively by *Pinus ponderosa.* Peripheral areas include *Populus tremuloides.*

The above permanent sites represent different habitats and are representative of many other areas in the Black Hills. For these sites sampling protocols developed for an all taxa biodiversity inventory of fungi (Rossman, et al., 1998) were modified to fit local conditions. Procedures used at all sites except Botany Bay consisted of parallel transects approximately 25-50 m apart, running the length of each site, which varied in length. Collecting was continuous along these transects. Collecting from Botany Bay, which is a small unusually-shaped site was continuous in all the sections covered.

Five more sites, each representing additional habitats were investigated for collecting fungi. Grigg's Gulch (Lawrence County, SD., T6N, R1E, Sec 26; N 44°.27.618, W 103°,57,122, elevation 1236 m) is a small, wet canyon diverging from Higgin's Gulch. It has a very diverse flora, but *Ostrya virginiana* is the dominant tree and *Betula papyrifera* is common. Shrubby cinquefoil (*Potentilla fruticosa*) meadows north of Moon were also investigated (Pennington County, SD., T1S, R1E, Sec 3 and 34; N 43°. 59.621, W 103°.59.634, elevation 2020 m). *Pinus ponderosa* and *Populus tremuloides* were interspersed with herbaceous plants around edges of the cinquefoil meadows. Dry, upland habitats with *Cercocarpus montanus, Juniperus virginiana,* and *Pinus ponderosa* were investigated. These areas include Redbird Canyon (Custer County, SD., T3S, R1E, Sec 16; N 43°.47.185, W 104°.00.909, elevation 1392 m) and Boles Canyon (Custer County, SD., T3S, R1E, Sec 8). *Betula papyrifera/Corylus cornuta/Amelanchier/ Sorbus scopulina* habitats are unusual in the hills, but this unique habitat was located along Wagon Canyon (Crook County, WY., T50N, R60W, Sec 21; N 44°. 18.531, W 104°. 04.436, elevation 1777 m). A *Sphagnum/Betula glandulosa/Picea glauca/Salix* habitat was investigated near Black Fox Campground (Lawrence County, SD., T2N, R2E, Sec 11).

At all sites no attempt was made to quantitate numbers of fruitings for any species or record numbers of collections/square meter. The study was designed to show only presence of a species. Sorensen's index of similarity (2 times # species occurring both years / species occurring only in releve A + species occurring only in releve B) was used to compare species present between years (Mueller-Dombois and Ellenberg, 1974). Collecting was not restricted to sites listed above and other specimens from various areas in the Black Hills were also collected and added to the database. Edibility is based entirely on the recommendation of the reference listed for that particular specimen. Voucher specimens are being prepared for all specimens that can be adequately dried and will be housed in Black Hills State University fungal collection.

Specimens were photographed in the field with Nikon, 35 mm cameras equipped with 60 mm macrolenses, using Kodachrome ASA 64 film.

Fungal nomenclature frequently changes and since several references were used to identify the fungi, some identifications may not be the current name for a species. There may be duplication of a few species because one source uses a different species name from another source. It is planned to spend time at a mycological library next summer and resolve any duplications or outdated names.

RESULTS AND DISCUSSION

Fungi Collected

Three-hundred seventy four specimens representing 164 different species were collected in 1999 compared to 313 specimens representing 150 different species collected in 1998 (Figs. 1 and 2). The database (Appendix A) includes multiple collections of some species on different dates and at different sites to establish seasonality and distribution of species. Some genera for both years were not identified to species because the specimen was in very poor condition, or characters needed for identification were not present, or the specimen was not located in any of our references.

We have chosen to report the large collections by order, ie. Agaricales and Aphyllophorales and orders of smaller collections are grouped into a higher hierarchy, ie. Gasteromycetes, Ascomycetes, Myxomycetes and Lichens. We believe this scheme is more meaningful for most readers and facilitates comparison with 1998 data. Members of the Agaricales (mushrooms and boletes) were most commonly collected (195 specimens in 1999 and 185 in 1998), Aphyllophorales (bracket fungi, coral fungi) less commonly collected (70 specimens in 1999 and 49 in 1998) and Gasteromycetes (puffballs, earth starts), lichens, Ascomycetes (cup fungi) and Myxomycetes (slime molds) still less commonly collected (Fig. 1). Ninety different species of Agaricales were collected in 1999 compared to 85 different species collected in 1998. Thirty different species of Aphyllophorales were collected in 1998 and 1999 (Fig. 2). Although an attempt was made to collect all visible fungi, the smaller ascomycetes and myxomycetes may have been observed less frequently than larger specimens.

Five species of unusual or uncommon fungi were included in the 1998 report. These were: *Icmadophila ericetorum*, a lichen with arctic-boreal distribution (Wetmore, 1968); *Amanita crocea*, listed as rare and found in mixed coniferous and hardwood forests from New York to Colorado (Phillips, 1991); *Leptonia parva*, reported from coastal California and the Pacific northwest (Arora, 1986); *Pluteus aurantiorugosus* described as a beautiful, but rare species (Arora, 1986); and *Rhodotus palmatus*, reported as uncommon in eastern Kansas (Horn, et al., 1993) and found infrequently on dead maple (Arora, 1989). Of these five species only *Rhodotus palmatus* was again collected in 1999. It was collected from the same site in Botany Bay, on dead hardwood and also from a new site, Grigg's Gulch on dead *Ostrya virginiana*. Unusual fungi collected summer 1999 included *Christiansenia mycetophila*, a parasite on *Collybia acervata*. (Lincoff, 1997). A "false truffle", *Hysterangium* sp. was collected from Boles Canyon. These fungi are very small and usually underground so are unusual to find (Arora, 1989). Although common in northeastern and northern North American bogs, it was unusual to collect *Lactarius hibbardae* and *Lactarius aquifluus (=helvus)*, which were growing in a unique *Sphagnum* moss habitat near Black Fox campground.

Numbers of fruitings were not counted, but very common fungi were noted at permanent sites. Common mushrooms throughout the both the summers of 1998 and 1999 were *Collybia dryophila* and *Collybia acervata*.. *C. dryophila* is reported to occur under *Quercus* sp. It was collected under *Populus tremuloides*, *Pinus ponderosa* and *Picea glauca* in this study. During the summer 1998, all sites except Botany Bay had many fruitings of *Russula* spp. This genus was not as common

FIGURE 1.

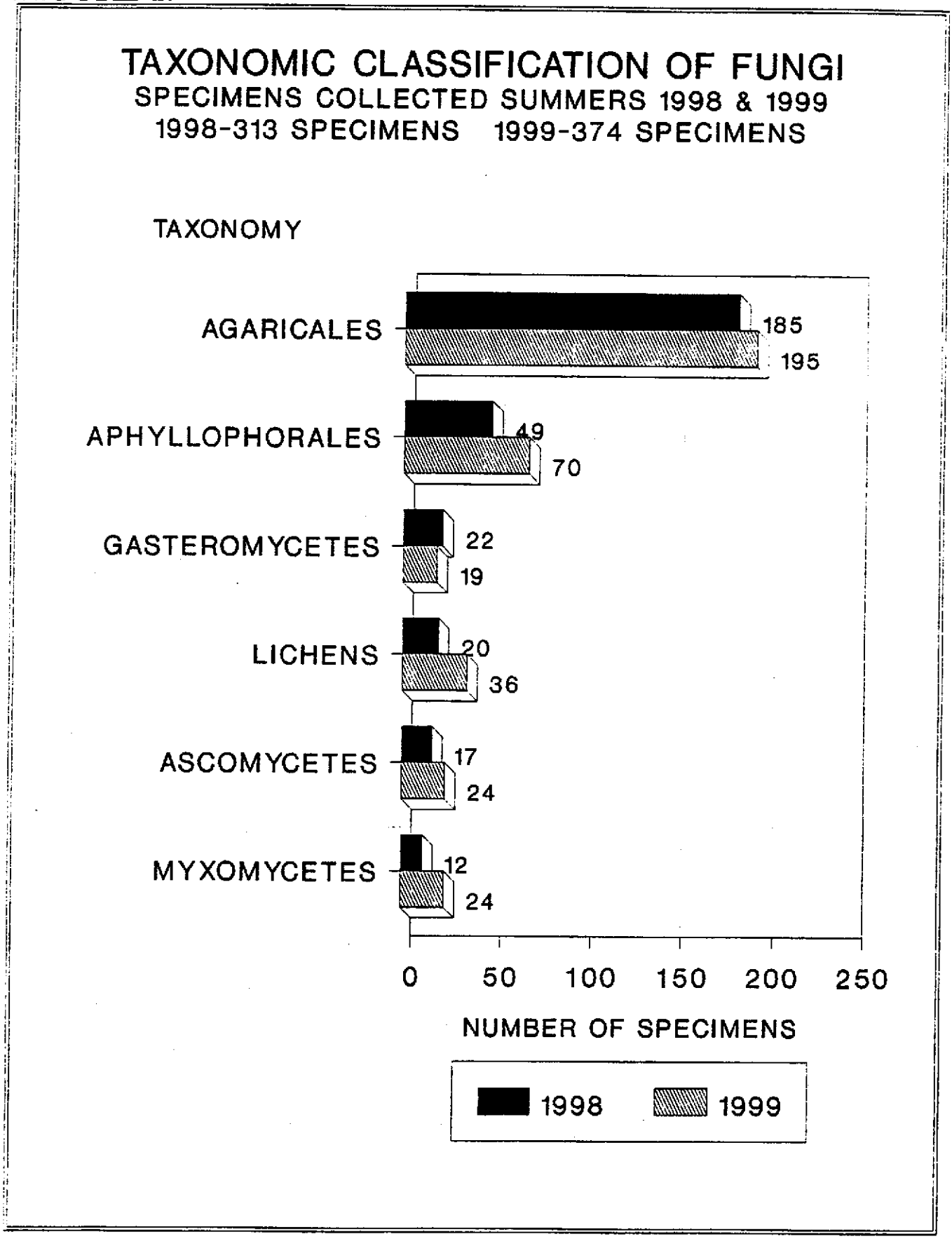
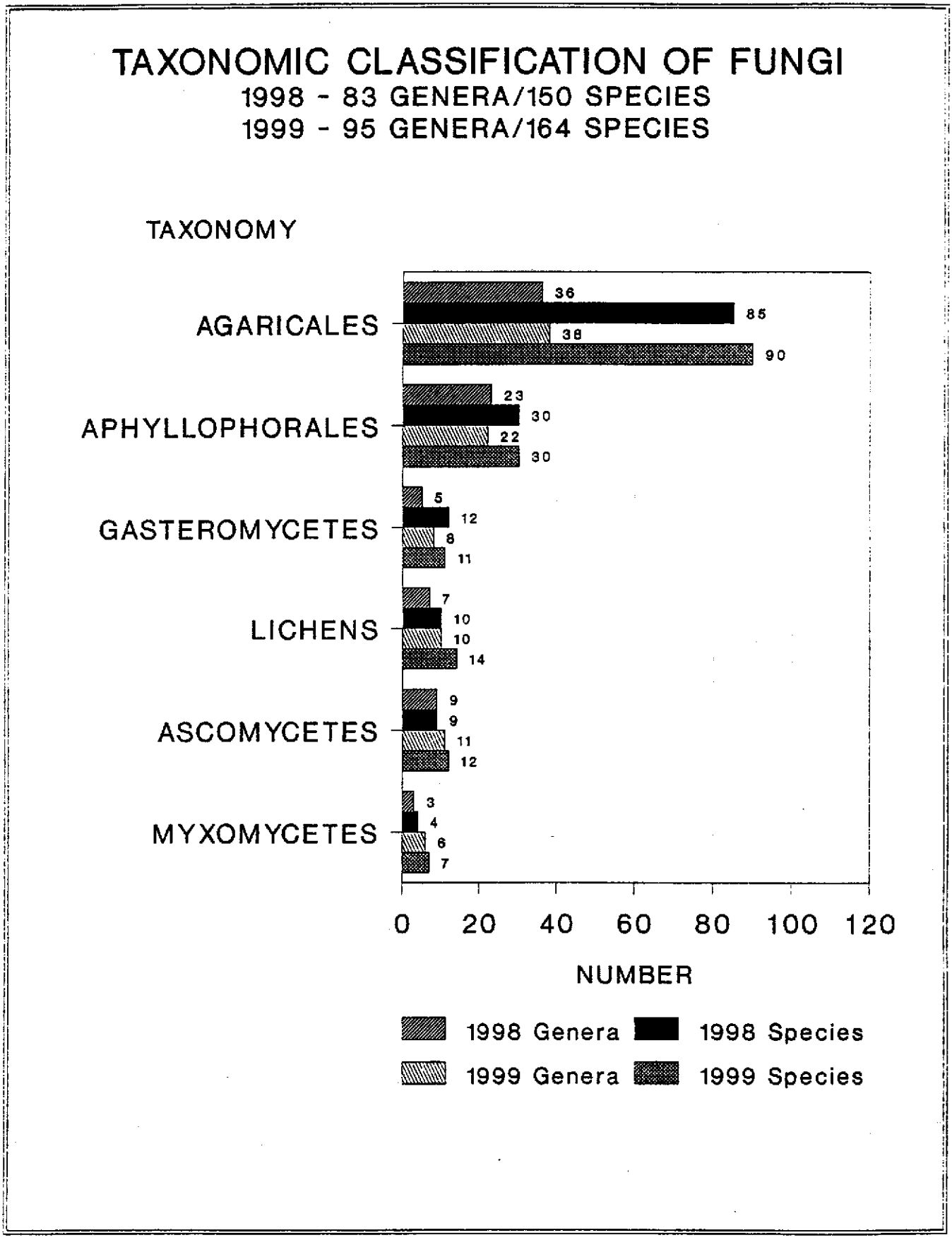

TAXONOMIC CLASSIFICATION OF FUNGI
SPECIMENS COLLECTED SUMMERS 1998 & 1999
1998-313 SPECIMENS 1999-374 SPECIMENS
TAXONOMY
AGARICALES
185
195
APHYLLOPHORALES
49
70
GASTEROMYCETES
22
19
LICHENS
20
36
ASCOMYCETES
17
24
MYXOMYCETES
12
24
0
50
100
150
200
250
NUMBER OF SPECIMENS
1998
1999

FIGURE 2.


TAXONOMIC CLASSIFICATION OF FUNGI
1998 - 83 GENERA/150 SPECIES
1999 - 95 GENERA/164 SPECIES
TAXONOMY
AGARICALES
APHYLLOPHORALES
GASTEROMYCETES
LICHENS
ASCOMYCETES
MYXOMYCETES
36
85
38
90
23
30
22
30
5
12
8
11
7
10
10
14
9
9
11
12
3
4
6
7
0
20
40
60
80
100
120
NUMBER
1998 Genera
1998 Species
1999 Genera
1999 Species

in 1999. *Hygrophorus* spp. were collected frequently during June for both years, especially at the Alabaugh site. At Alabaugh Canyon during August many fruitings of *Marasmius oreades* and *Suillus granulatus* were observed. In 1999 no *S. granulatus* or *M. oreades* were observed at Alabaugh. Only one specimen of *S. granulatus* was seen in the entire hills. There were many fruitings of the slime mold *Fuligo* at the Alabuagh Canyon site in July and August of both years. The cosmopolitan species, *Fuligo septica* and the western species, *F. megaspora* were both present under *Juniperus scopulorum. Clitocybe gibba* and *Coprinus atramentarius* were common for both years. More species of *Pluteus* were collected in 1999 than 1998.

Of the total different species collected at permanent sites during the two year study, 30% occurred both years of the study, 31% occurred only in 1998 and 38% occurred only in 1999. A calculated Sorensen's index of similarity was 87%, indicating 1998 and 1999 were quite similar in terms of species present from these sites.

Data from the five permanent sites show 21% of the species at Alabaugh, 14% of the species at Botany Bay, 14% of the species at Eleventh Hour Spring, 10% of the species at Rochford Cemetery and 14% of the species at the Rochford FS Road 127-1B site occurred both years of the study at that site. Of the species occurring at the five permanent sites in 1998 and 1999, fifty (19%) occurred at more than one of these sites with the majority of species present at only one site either year of the study. Table 1 shows species that were present at two or more of the five permanent sites for either year of the study. Two species, *Collybia dryophila* and *Inocybe fastigiata* occurred at all five sites (Table 1) and several species occurred at four of the five sites (*Agaricus silvicola, Collybia acervata, Ganoderma applanatum, Lycogala epidendrum, Phellinus pini* and *Pleurotus ostreatus).*

It is apparently not unusual for fleshy fungi to follow variable fruiting patterns. The North American Mycological Association (NAMA) meets annually for a foray. Typically 200 members collect for one day at a selected site. Five of these forays have been held at Priest Lake, Idaho. Unpublished data show a total of 820 taxa recorded. Only 5% of these species were reported for all five years and 58% were only recorded once. Timing of the foray and collecting and identification biases of the participants are listed as main reasons for this low overlap. In the present study, the 1998 and 1999 collections are more similar, but the two investigators in this study were consistent and collected and identified all fungi as well as visiting each site four times during both years.

Seasonality

August was the best collecting month for both years (Fig 3). Fifty-three percent of the 1998 specimens were collected in August compared to 34% of the 1999 specimens collected in August. In 1998 continued rains through August may be responsible for the excellent August collecting. This pattern agrees with information, which predicts that late summer to fall following a rain is the best time to collect (Evenson, 1997). In 1998, 25% of the specimens were collected in July compared to 30% of the 1999 specimens collected in July.

Table 1. Species present at two or more of the five permanent sites for either 1998 or 1999.

Species	A	B	E	RC	RF
Agaricus silvicola	+		+	+	+
Amanita vaginata	+	+			
Bisporella citrina		+			+
Calvatia cyathiformis	+		+		
Clitocybe gibba	+		+		+
Clitocybe nuda		+		+	
Collybia acervata		+	+	+	+
Collybia dryophila	+	+	+	+	+
Collybia velutipes		+	+		
Coprinus atramentarius		+	+		
Crepidotus fulvotomentosus			+		+
Discina perlata	+				+
Flammula spumosa (=*Gymnopilus* sp.)				+	+
Fomes fomentarius		+	+		
Fomitopsis pinicola			+	+	+
Fuligo septica	+	+			
Ganoderma applanatum (=*Fomes applanatus*)	+	+	+		+
Gloeophyllum sepiarium			+		+
Gymnopilus sapineus				+	+
Hygrophorus chrysodon	+			+	
Hygrophorus coccineus	+			+	
Hygrophorus speciosus	+			+	
Inocybe fastigiata	+	+	+	+	+
Laccaria bicolor	+				+
Lactarius deceptivus		+		+	
Lepiota clypeolaria	+			+	
Leucopaxillus albissimus	+	+	+		
Lycogala epidendrum	+	+	+		+
Lycoperdon perlatum	+		+		+
Marasmius androsaceus				+	+
Peltigera canina		+	+		+
Phellinus pini (= *Phellinus ferruginosus*)	+	+	+		+
Pleurotus ostreatus		+	+	+	+
Pluteus admirabilis			+		+
Pluteus cervinus	+		+		+
Polyporus badius	+	+			

Polyporus varius		+	+		
Russula brevipes			+	+	+
Russula foetens				+	+
Russula fragrantissima	+		+		
Scutellinia scutellata		+	+		
Stemonitis fusa	+				+
Stropharia kauffmanii			+		+
Trametes hirsuta		+	+	+	
Tremella mesenterica		+	+		+
Trichaptum biforme			+	+	+
(=Trichaptum biformis)					
Tubaria furfuracea	+				+
Usnea hirta	+			+	
Usnea cavernosa		+		+	+
Xeromphalina campanella		+		+	+

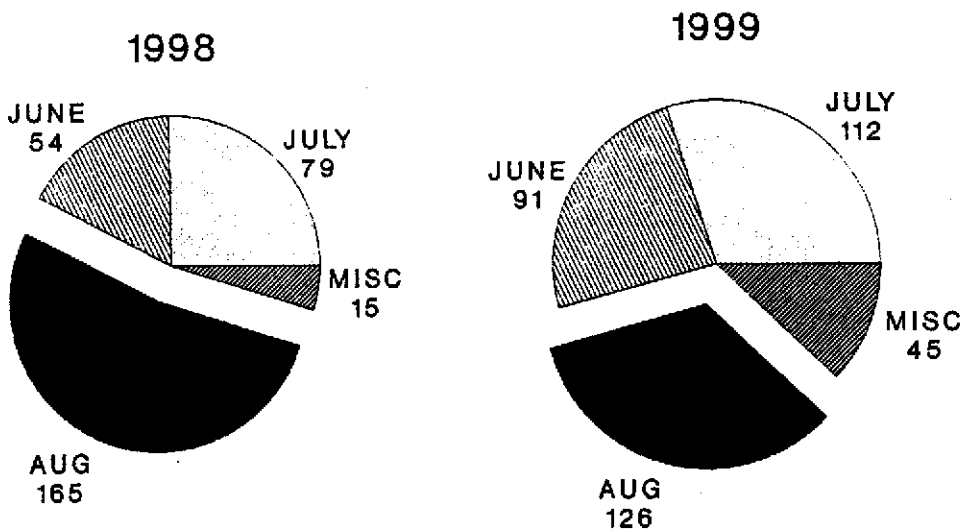
A = Alabaugh, B = Botany Bay, E = Eleventh Hr. Spring, RC = Rochford Cemetery, RF = Rochford FS Road 127-1B.

FIGURE 3.

FUNGI OF THE BLACK HILLS

SPECIMENS COLLECTED

1998 - 313 1999 - 374



Site Diversity

In 1999, Eleventh Hour Spring produced the most diversity of any of the five permanent sites (Fig. 4). Fifty-two different species were collected from this site. This site is a *Populus tremuloides/Pteridium aquilinum* woodlands. Aspen forests of northern and western North America are reported to be excellent areas for fungi (Arora, 1989). Figure 4 shows that in 1998, the US Forest Service Road 127-1B site produced the greatest diversity of species (45 different species). Botany Bay was also high in species diversity (42 different species). Both of these sites showed high diversity in 1999, producing 36 different species and 33 different species, respectively. *Pinus ponderosa* and *Picea glauca* are the dominant trees at both of these sites and both pine and spruce forests are reported to be rich in mycorrhizal mushrooms (Arora, 1989). *Juniperus scopulorum*, reported to have few mycorrhizal associations (Arora, 1986) was a dominant tree at the Alabaugh Canyon site where 23 different species were collected in 1998 and 24 different species were collected in 1999. The Rochford Cemetery area is almost exclusively *Pinus ponderosa* and 28 different species were collected from this site in 1998. In 1999 it was much less productive as only 14 different species were collected. No specimens were located during an August collecting trip to this site and this was the only time during the study we were not able to collect.

Substrates

Soil was the most productive substrate for both years of collecting.. Since many fungi in forests are ectomycorrhizal with trees (Alexopoulous, et al., 1996) it is reasonable to predict that many of the soil collections from this study were mycorrhizal. Ectomycorrhizae are widespread and are estimated to occur on 10% of the world's flora and to form relationships with members of the Pinaceae (Alexopoulous, et al., 1996). It has been suggested that without mycorrhizal associates most plants could not survive in the highly competitive environments in which they live and that the rise of land plants was attributed to these relationships (Alexopoulous, et al., 1996). The presence of mycorrhizal fungi indicate well-being of their plant associate. Some ectomycorrhizal genera are: *Suillus, Russula, Lactarius, Tricholoma, Laccaria* and *Amanita*. All of these genera have been collected in the Black Hills. Wood was also a very common substrate.

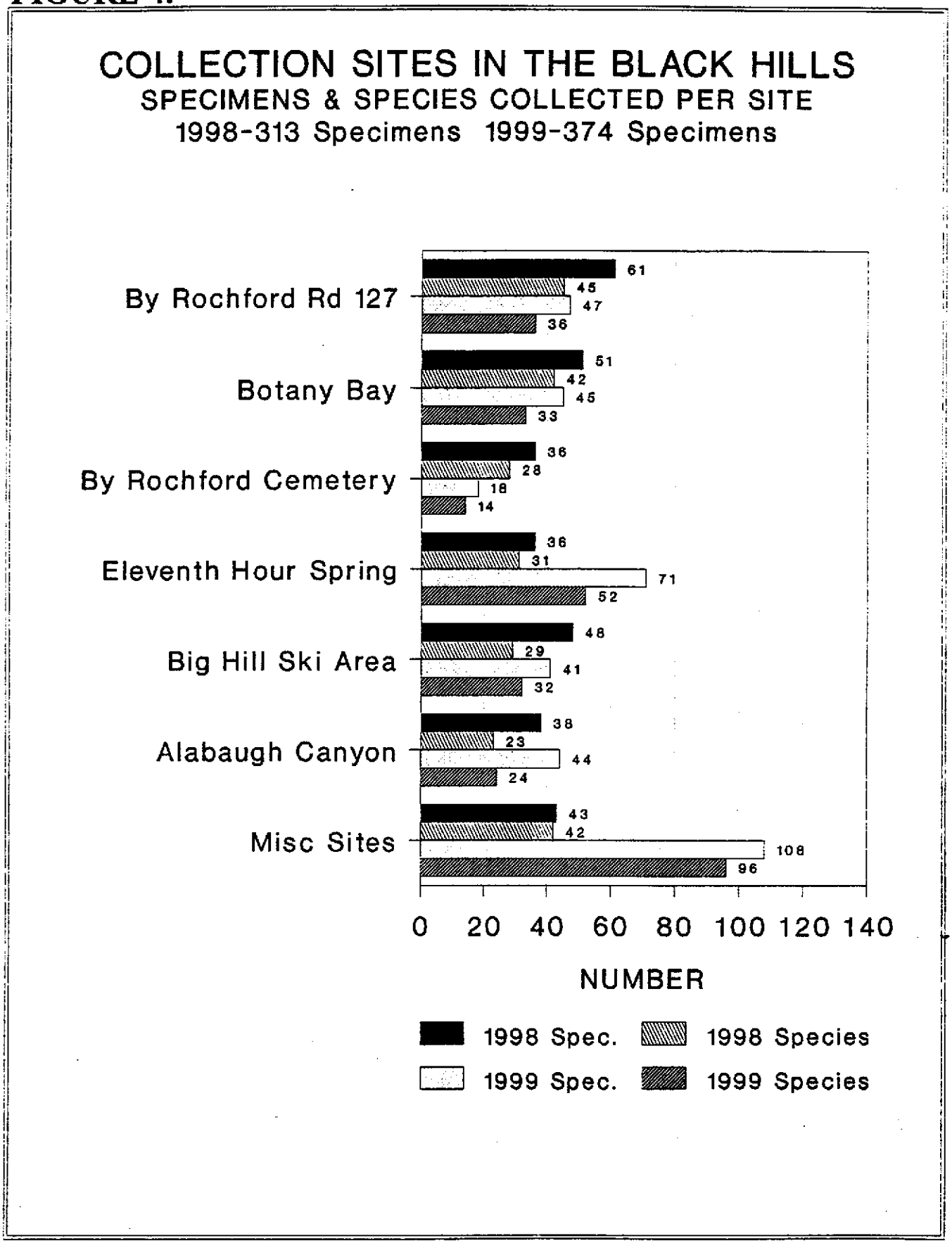
Potential of New 1999 Sites

All additional sites observed during the summer of 1999 show promise for good fungal collecting and all will be added to our permanent site list for 2000.

CONCLUSIONS

It appears that fungi present in the Black Hills includes western, eastern and boreal species. The fungal community of the Black Hills appears to be similar to and perhaps dependent upon the flora, which includes disjunct populations that have evolved in isolation (Froiland, 1990). An elegant example is *Lactarius aquifluus*, a mushroom that is reported from northeastern U.S. bogs. It was located

FIGURE 4.


COLLECTION SITES IN THE BLACK HILLS
SPECIMENS & SPECIES COLLECTED PER SITE
1998-313 Specimens 1999-374 Specimens
By Rochford Rd 127
61
45
47
36
Botany Bay
51
42
45
33
By Rochford Cemetery
36
28
18
14
Eleventh Hour Spring
36
31
71
52
Big Hill Ski Area
48
29
41
32
Alabaugh Canyon
38
23
44
24
Misc Sites
43
42
108
96
0 20 40 60 80 100 120 140
NUMBER
1998 Spec.
1998 Species
1999 Spec.
1999 Species

growing on *Sphagnum*, a bog moss in the Black Hills. Most forest fungi are ectomycorrhizal with trees (Ing, 1996). It would be reasonable to conclude that the fungal communities would reflect the plant communities and higher diversity of fungi would occur in areas with diverse flora.

After two years of collecting the authors' impression is that fungal diversity is quite high in the Black Hills, but numbers of fruitings is relatively low. The authors rarely see more than a few fruiting bodies of a species. Weather could influence this phenomenon. During June, July and August of 1998, 21.4 inches of rain fell in the Rochford area, which appears to be unusually high. Rochford sites were more productive in 1998 than in 1999. Only 12.1 inches of rain fell during June, July and August 1998 in the Alabaugh Canyon area and fewer fungi were collected in this dry area. Weather data from both the U.S. Dept. of the Interior Geological Survey and from the National Climatic Data Center has not been released for the summer 1999, but will be available in several months. At this time we will evaluate data to determine if there are relationship between species present and moisture, and species present and temperature

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9-21-99

A	B	C	D	E	F	G
SITE	TWP/RANGE/SEC	COUNTY	DATE	TAXONOMY	GENUS	SPECIES
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Agaricus*	*diminutivus Peck*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Agaricales	*Agaricus*	*silvicola (Vitt.) Sacc.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Agaricus*	*silvicola (Vitt.) Sacc.*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Agaricus*	*silvicola (Vitt.) Sacc.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Agaricales	*Agaricus*	*silvicola (Vitt.) Sacc.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-08-16	Agaricales	*Agaricus*	sp.
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Agrocybe*	*firma*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Amanita*	*fulva*
Rifle Pit Canyon (FS 806)	T50N, R60W, Sec 28	Crook (WY)	99-08-27	Agaricales	*Amanita*	*fulva*
Whitewood Cave	T6N, R4E, Sec 6	Lawrence	99-08-27	Agaricales	*Amanita*	*muscaria var. muscaria (L. ex Fr.) Ps*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-09-04	Agaricales	*Amanita*	*ocreata*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Agaricales	*Amanita*	sp.
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-06-15	Agaricales	*Amanita*	*vaginata (Bull.:Fr.) Quel.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Agaricales	*Amanita*	*vaginata (Bull.:Fr.) Quel.*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Amanita*	*vaginata (Bull.:Fr.) Quel.*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-07-10	Agaricales	*Amanita*	*vaginata (Bull.:Fr.) Quel.*
Old Baldy Trail	T5N, R1E, Sec 33	Lawrence	99-08-15	Agaricales	*Amanita*	*vaginata (Bull.:Fr.) Quel.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Amanita*	*crocea (Quel.)*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Amanita*	*vaginata (Bull. ex Fr.) Vitt. sensu lato*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Agaricales	*Amanita*	*vaginata (Bull. ex Fr.) Vitt. sensu lato*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Boletus*	*chrysenteron Fries*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Boletus*	*chrysenteron Fries*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Callistosporium*	*luteo-olivaceum*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-05-25	Agaricales	*Clitocybe*	*albirhiza Bigelow & Smith*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Clitocybe*	*dealbata (Sow. ex Fr.) Kummer*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-07-04	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Boles Canyon	T3S, R1E, Sec 8	Custer	99-07-08	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-07-10	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Moon (Site 1) - Road 117 - North	T1S, R1E, Sec 3	Pennington	99-07-19	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Redbird Canyon	T3S, R1E, Sec 16	Custer	99-07-08	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Clitocybe*	*gibba (Fr.) Kummer*
Rifle Pit Canyon (FS 806)	T50N, R60W, Sec 28	Crook (WY)	99-08-27	Agaricales	*Clitocybe*	*nuda (Bull.:Fries) Bigelow & Smith*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Agaricales	*Clitocybe*	*nuda (Fries) Bigelow & Smith*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Clitocybe*	*nuda (Fries) Bigelow & Smith*

G	H	I	J	K	L	M	N
	REFERENCE	PRIMARY VEG	2ND VEGETATION	SUBSTRATE	USE	ED.	NO.
eck	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	Yes	205
Sacc.	Groves, 1975	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	225
Sacc.	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	296E
Sacc.	Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	187
Sacc.	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	338
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood - pine duff	Not obs	No	442
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Wood - "sawdust"	Cattle	No	175E
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	398
	Arora, 1986	*Pinus ponderosa*	*Populus tremuloides*	Soil	Cattle	No	320E
muscaria (L. ex Fr.) Pers.	Phillips, 1991	*Picea glauca*	*Populus tremuloides*	Soil	Cattle	No	322E
	Arora, 1986	*Ostrya virginiana*	*Picea glauca*	Soil	Cattle	No	328E
	Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	109
:Fr.) Quel.	Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	44
:Fr.) Quel.	Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	108
:Fr.) Quel.	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	145
:Fr.) Quel.	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	103
:Fr.) Quel.	Huffman, 1989	*Populus tremuloides*	*Betula papyrifera*	Soil	Cattle	No	426
l.)	Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	119E
ex Fr.) Vitt. senus lato	Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	088E
ex Fr.) Vitt. senus lato	Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	108E
Fries	Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	115E
Fries	Evenson, 1997	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	Yes	210
m	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Wood - buried	Cattle	No	200E
ow & Smith	Evenson, 1997	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	274
v. ex Fr.) Kummer	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	204
mmer	Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	226
mmer	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	135
mmer	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	083E
mmer	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	71
mmer	Laessoe, 1996	*Juniperus scopulorum*	*Cercocarpus montanus*	Soil	Not obs	No	226E
mmer	Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	391
mmer	Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	102
mmer	Laessoe, 1996	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	201E
mmer	Huffman, 1989	*Pinus ponderosa*	*Populus tremuloides*	Soil	Cattle	No	375
mmer	Huffman, 1989	*Cercocarpus montanus*	*Juniperus scopulorum*	Soil	Cattle	No	350
mmer	Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	195
mmer	Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	121E
es) Bigelow & Smith	Phillips, 1991	*Pinus ponderosa*	*Populus tremuloides*	Soil	Cattle	No	321E
Bigelow & Smith	Evenson, 1997	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	Yes	93
Bigelow & Smith	Evenson, 1997	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	Yes	120E

A	B	C	D	E	F	G
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Clitocybe*	*odora (Bull. ex Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Clitocybe*	*odora (Bull. ex Fr.) Kummer*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-05-22	Agaricales	*Clitocybe*	sp.
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Agaricales	*Clitocybe*	sp.
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-06-07	Agaricales	*Clitocybe*	sp.
Redbird Canyon	T3S, R1E, Sec 16	Custer	99-07-08	Agaricales	*Collybia*	*acervata (Fr.) Kummer*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-07-04	Agaricales	*Collybia*	*acervata (Fr.) Kummer*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Collybia*	*acervata (Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Collybia*	*acervata (Fr.) Kummer*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-07-26	Agaricales	*Collybia*	*acervata (Fr.) Kummer*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Collybia*	*acervata (Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Collybia*	*acervata (Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-26	Agaricales	*Collybia*	*acervata (Fr.) Kummer*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-07-04	Agaricales	*Collybia*	*acervata (Fr.) Kummer*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-07-15	Agaricales	*Collybia*	*acervata (Fr.) Kummer*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-07-10	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Boles Canyon	T3S, R1E, Sec 8	Custer	99-07-08	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-07-10	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Moon (Site 1) - Road 117 - North	T1S, R1E, Sec 3	Pennington	99-07-19	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Moon (Site 2) - .3 mile N of Moon 1	T1S, R1E, Sec 34	Pennington	99-07-19	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-07-06	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-07-15	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Agaricales	*Collybia*	*dryophila (Bull. ex Fr.) Kummer*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	99-05-20	Agaricales	*Collybia*	*maculata v. scorzonerea (Batsch: F*
Redbird Canyon (Side canyon)	T3S, R1E, Sec 16	Custer	99-09-04	Agaricales	*Collybia*	*oregonensis*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Collybia*	*platyphylla (Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Collybia*	*radicata (Fr.) Quel.*

	H	I	J	K	L	M	N
	Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	241
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	Yes	206
	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	273
	Arora, 1986	*Ostrya virginiana*	*Picea glauca*	Wood - deciduous (Ostrya)	Cattle	No	306E
	Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	323
	Phillips, 1991	*Cercocarpus montanus*	*Juniperus scopulorum*	Soil	Cattle	No	351
	Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	69
	Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	326
	Groves, 1975	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	394
	Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Wood - pine/needle duff	Not obs	No	407
	Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	148E
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	212
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Wood - cone/bark duff	Cattle	No	402
	Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	72
	Phillips, 1991; Smith, 1981	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	073E
	Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	356
	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	101
	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	140
	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	314
	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Wood	Cattle	No	179E
	Huffman, 1989	*Juniperus scopulorum*	*Cercocarpus montanus*	Soil	Not obs	No	225E
	Miller, 1977; Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	109E
	Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	048E
	Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	313
	Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	310
	Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	180E
	Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	444
	Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	325
	Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	259E
	Huffman, 1989; Arora, 1986	*Pinus ponderosa*	*Populus tremuloides*	Soil	Cattle	No	247E
	Huffman, 1989	*Pinus ponderosa*	*Populus tremuloides*	Wood	Cattle	No	380
	Huffman, 1989	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	123E
	Phillips, 1991; Huffman, 1989	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	215E
	Huffman, 1989	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	123
	Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	340
	Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	064E
	Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	115
	Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	117
llet	Phillips, 1991; Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	260
	Arora, 1986	*Cercocarpus montanus*	*Juniperus scopulorum*	Soil	Not obs	No	511
	Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	238
	Groves, 1975	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	Yes	159

A	B	C	D	E	F	G
Piedmont - Elk Creek Road	T3N, R7E, Sec 7 SW 1/4	Meade	98-07-10	Agaricales	*Conocybe*	*lactea (Lange)*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Conocybe*	*tenera (Schaeff. ex Fr.) Kuhner*
Black Fox	T2N, R2E, Sec 11	Lawrence	99-08-16	Agaricales	*Conocybe*	*tenera group*
Black Fox	T2N, R2E, Sec 11	Lawrence	99-08-16	Agaricales	*Conocybe*	*tenera group*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Coprinus*	*atramentarius (Bull.ex Fr.) Fries*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Agaricales	*Coprinus*	*atramentarius (Bull.ex Fr.) Fries*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-07-10	Agaricales	*Coprinus*	*atramentarius (Bull.ex Fr.) Fries*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Coprinus*	*atramentarius (Bull.ex Fr.) Fries*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Coprinus*	*atramentarius (Bull.ex Fr.) Fries*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Coprinus*	*atramentarius (Bull.ex Fr.) Fries*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-06-13	Agaricales	*Coprinus*	*comatus (Fr.) S.F. Gray*
Skyview Drive - 5070	T1N, R7E, Sec 21	Pennington	98-10-15	Agaricales	*Coprinus*	*comatus (Fr.) S.F. Gray*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Agaricales	*Coprinus*	*disseminatus (Pers. ex Fr.) S.F. Gray*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Agaricales	*Coprinus*	*lagopus group or lagopides*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-03	Agaricales	*Coprinus*	*micaceus (Bull. ex Fr.) Fr.*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Coprinus*	*niveus (Pers. ex. Fr.) Fr.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-06-16	Agaricales	*Coprinus*	*niveus (Pers. ex. Fr.) Fr.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-06-12	Agaricales	*Coprinus*	*quadrifidus PK.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-06-11	Agaricales	*Coprinus*	*quadrifidus Pk*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Coprinus*	sp.
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Coprinus*	sp.
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Coprinus*	sp.
Gabel's Home	T6N, R2E, Sec 9	Lawrence	99-07-16	Agaricales	*Coprinus*	sp.
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Cortinarius*	sp.
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Cortinarius*	sp.
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Cortinarius*	sp.
Rifle Pit Canyon (FS 806)	T50N, R60W, Sec 28	Crook (WY)	99-08-27	Agaricales	*Cortinarius*	sp.
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Cortinarius*	sp.
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-07-15	Agaricales	*Cortinarius*	sp.
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Cortinarius*	sp.
Spearfish Canyon (Bill's Canyon)	T3N, R2E, Sec 6	Lawrence	99-08-19	Agaricales	*Cortinarius*	sp.
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-07-10	Agaricales	*Cortinarius*	sp.
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-15	Agaricales	*Cortinarius*	*sphaerosporus Pk.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Agaricales	*Crepidotus*	*applanatus (Pers. ex Pers.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Crepidotus*	*applanatus (Pers. ex Pers.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Crepidotus*	*fulvotomentosus Peck*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Crepidotus*	*fulvotomentosus Peck*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Crepidotus*	*mollis (Fr.)*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Crepidotus*	*mollis (Fr.) Stde.*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Flammula*	*spumosa (Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Flammula*	*spumosa (Fr.) Kummer*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-03	Agaricales	*Flammulina*	*velutipes (Wm.Curtis: Fr.) Sing.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Flammulina*	*velutipes (Wm.Curtis: Fr.) Sing.*

H	I	J	K	L	M	N
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	053E
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	219
Arora, 1986	*Betula glandulosa*	*Picea glauca*	Moss - Sphagnum	Not obs	No	439
Arora, 1986	*Betula glandulosa*	*Picea glauca*	Moss - Sphagnum	Not obs	No	313E
Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	138
Arora, 1986; Miller, 1977	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	107E
Miller, 1977	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	051E
Arora, 1986; Groves, 1975	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	087E
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood - conifer	Cattle	No	385
Arora, 1986; Miller, 1977	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	328
Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	188E
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	Yes	154E
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	104E
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	413
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood - buried	Not obs	No	285
Bell, 1983; Arora, 1986	*Populus tremuloides*	*Pinus ponderosa*	Manure (cow)	Cattle	No	448
Bell, 1983	*Picea glauca*	*Pinus ponderosa*	Manure (cow)	Cattle	No	54
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	Yes	32
Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	Yes	20
Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Manure (cow)	Cattle	No	137
Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	101E
Groves, 1975	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	149
Arora, 1986	*Ulmus americana*	*Ulmus americana*	Wood - deciduous (Ulmus)	Not obs	No	373
Arora, 1986	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	231
Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil (buried wood?)	Cattle	No	443
Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	309
Arora, 1986	*Pinus ponderosa*	*Populus tremuloides*	Soil	Cattle	No	481
Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	216
Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	071E
Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	217
Arora, 1986	*Picea glauca*	*Picea glauca*	Soil	Not obs	No	301E
Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	105
Phillips, 1991	*Picea glauca*	*Picea glauca*	Soil	Not obs	No	147E
Miller, 1977; Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	110E
Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	164
Groves, 1975	*Populus tremuloides*	*Populus tremuloides*	Wood - conifer	Cattle	No	333
Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	Yes	201
Arora, 1986; Groves, 1975	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	092E
Arora, 1986; Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	384
Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Wood	Not obs	No	208
Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	200
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	Yes	279
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	Yes	150

	A	B	C	D	E	F	G
127	Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-09-04	Agaricales	*Gomphidius*	*subroseus Kauffman*
128	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-06-07	Agaricales	*Gymnopilus*	*aeruginosus*
129	Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Gymnopilus*	*liquiritiae*
130	Spearfish Canyon (Bill's Canyon)	T3N, R2E, Sec 6	Lawrence	99-08-19	Agaricales	*Gymnopilus*	*luteofolius*
131	Black Fox	T2N, R2E, Sec 11	Lawrence	99-08-16	Agaricales	*Gymnopilus*	*sapineus*
132	Moon (Site 1) - Road 117 - North	T1S, R1E, Sec 3	Pennington	99-07-19	Agaricales	*Gymnopilus*	*sapineus*
133	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-06-07	Agaricales	*Gymnopilus*	*sapineus*
134	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-06-07	Agaricales	*Gymnopilus*	*sapineus*
135	Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-08-16	Agaricales	*Gymnopilus*	sapineus (Fries) Maire
136	Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	99-08-21	Agaricales	*Gymnopilus*	*spermosa (Fr.) Kummer*
137	Alabaugh/East Falls Canyon Ridge	T8S, R4E, Sec 3 SE 1/4	Fall River	99-06-24	Agaricales	*Hygrophorus*	*chrysenteron Fries*
138	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-06-15	Agaricales	*Hygrophorus*	*chrysodon (Fr.) Fr.*
139	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-06-15	Agaricales	*Hygrophorus*	*chrysodon (Fr.) Fr.*
140	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Hygrophorus*	*chrysodon (Fr.) Fr.*
141	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-07-15	Agaricales	*Hygrophorus*	*chrysodon (Fr.) Fr.*
142	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-07-15	Agaricales	*Hygrophorus*	*coccineus*
143	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-06-15	Agaricales	*Hygrophorus*	*coccineus (Fr.) Fr.*
144	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-06-15	Agaricales	*Hygrophorus*	*coccineus (Fr.) Fr.*
145	Alabaugh/East Falls Canyon Ridge	T8S, R4E, Sec 3 SE 1/4	Fall River	98-06-15	Agaricales	*Hygrophorus*	*coccineus (Fr.) Fr.*
146	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-06-16	Agaricales	*Hygrophorus*	*coccineus (Fr.) Fr.*
147	Redbird Canyon (Side canyon)	T3S, R1E, Sec 16	Custer	99-09-04	Agaricales	*Hygrophorus*	*conicus (Fr.) Fr.*
148	Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-07-07	Agaricales	*Hygrophorus*	*conicus (Fr.) Fr.*
149	Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Hygrophorus*	*luteus*
150	Alabaugh/East Falls Canyon Ridge	T8S, R4E, Sec 3 SE 1/4	Fall River	99-06-24	Agaricales	*Hygrophorus*	*miniata*
151	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-05-25	Agaricales	*Hygrophorus*	*speciosus Peck*
152	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-05-25	Agaricales	*Hygrophorus*	*speciosus Peck*
153	Alabaugh/East Falls Canyon Ridge	T8S, R4E, Sec 3 SE 1/4	Fall River	99-06-24	Agaricales	*Hygrophorus*	*speciosus Peck*
154	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Hygrophorus*	*speciosus Pk.*
155	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-06-24	Agaricales	*Inocybe*	*fastigiata*
156	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-06-15	Agaricales	*Inocybe*	*fastigiata (Schaeff. ex Fr.) Quel*
157	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-05-25	Agaricales	*Inocybe*	*fastigiata (Schaeff. ex Fr.) Quel*
158	Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Inocybe*	*fastigiata (Schaeff. ex Fr.) Quel*
159	Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	99-08-21	Agaricales	*Inocybe*	*fastigiata (Schaeff. ex Fr.) Quel*
160	Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Agaricales	*Inocybe*	*fastigiata (Schaeff. ex Fr.) Quel*
161	Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Inocybe*	*fastigiata (Schaeff. ex Fr.) Quel*
162	Englewood	T4N, R3E, Sec 29	Lawrence	98-07-25	Agaricales	*Inocybe*	*fastigiata (Schaeff. ex Fr.) Quel*
163	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Inocybe*	*fastigiata (Schaeff. ex Fr.) Quel*
164	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Inocybe*	*fastigiata (Schaeff. ex Fr.) Quel*
165	Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Inocybe*	*fastigiata (Schaeff. ex Fr.) Quel*
166	Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Agaricales	*Inocybe*	*geophylla (Fr.) Kummer*
167	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-07-06	Agaricales	*Inocybe*	*lanuginosa (Bull. ex Fr.) Kummer*
168	Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Inocybe*	*napipes*
169	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-07-06	Agaricales	*Inocybe*	*rimosa (Bulliard: Fr.) Kummer*

H	I	J	K	L	M	N
Phillips, 1991; Arora, 1986	*Ostrya virginiana*	*Picea glauca*	Soil	Cattle	No	329E
Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	306
Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	312
Arora, 1986	*Picea glauca*	*Picea glauca*	Wood - conifer	Not obs	No	298E
Arora, 1986	*Betula glandulosa*	*Picea glauca*	Moss - Sphagnum	Not obs	No	308E
Arora, 1986	*Pinus ponderosa*	*Populus tremuloides*	Soil	Cattle	No	376
Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	305
Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	304
Arora, 1986; Bessette, 1997	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	432
Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Wood	Cattle	No	464
Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	185E
Groves, 1975	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	39
Phillips, 1991	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	43
Evenson, 1997	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	Yes	209
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	Yes	127
Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	072E
Phillips, 1991	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	36
Phillips, 1991	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	46
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	40
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	58
Phillips, 1991	*Cercocarpus montanus*	*Juniperus scopulorum*	Soil	Not obs	No	503
Phillips, 1991	*Picea glauca*	*Picea glauca*	Wood - conifer	Not obs	No	032E
Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	232
Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	184E
Groves, 1975; Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	275
Phillips, 1991	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	165E
Arora, 1986; Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	183E
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	Yes	122E
Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	198E
Groves, 1975	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	38
Groves, 1975	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	278
Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	315
Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	459
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	114E
Arora, 1986; Groves, 1975	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	390
Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	078E
Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	215
Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	194
Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	202
Smith, 1979	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	062E
Phillips, 1991; Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Wood - conifer	Not obs	No	347
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	214
Bessette, 1997	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	348

	A	B	C	D	E	F	G
170	Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Inocybe*	*sororia*
171	Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Agaricales	*Inocybe*	sp.
172	Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Agaricales	*Laccaria*	*bicolor*
173	Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Laccaria*	*bicolor*
174	Aladdin, WY-Pisolithus Site-3 miles E	T54N, R61W, Sec 24	Crook (WY)	98-10-29	Agaricales	*Laccaria*	*laccata (Fr.) Berk & Br.*
175	Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-09-09	Agaricales	*Laccaria*	*laccata (Fr.) Berk & Br.*
176	Black Fox	T2N, R2E, Sec 11	Lawrence	99-08-16	Agaricales	*Lactarius*	*aquifluus Peck*
177	Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Lactarius*	*controversus (Fr.) Fries*
178	Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Lactarius*	*controversus (Fr.) Fries*
179	Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Agaricales	*Lactarius*	*deceptivus Peck*
180	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Lactarius*	*deceptivus Peck*
181	Black Fox	T2N, R2E, Sec 11	Lawrence	99-08-16	Agaricales	*Lactarius*	*helvus*
182	Black Fox	T2N, R2E, Sec 11	Lawrence	99-08-16	Agaricales	*Lactarius*	*hibbardae Peck*
183	Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	99-08-21	Agaricales	*Lactarius*	*pubescens (Fr.)*
184	Aladdin, WY-Pisolithus Site-3 miles E	T54N, R61W, Sec 24	Crook (WY)	98-10-29	Agaricales	*Lactarius*	*rufus (Scop. ex Fr.) Fr.*
185	Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Agaricales	*Lactarius*	sp.
186	Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-07-10	Agaricales	*Leccinum*	*insigne Smith, Thiers, & Watling*
187	Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Leccinum*	*insigne Smith, Thiers, & Watling*
188	Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	99-08-21	Agaricales	*Leccinum*	*insigne Smith, Thiers, & Watling*
189	Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Leccinum*	*insigne Smith, Thiers, & Watling*
190	Old Baldy Trail	T5N, R1E, Sec 33	Lawrence	99-08-15	Agaricales	*Leccinum*	*montanum*
191	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Lentinus*	*ponderosa*
192	Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Agaricales	*Lepiota*	*acutaesquamosa (Weinm.) Kum*
193	Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Lepiota*	*acutaesquamosa (Weinm.) Kum*
194	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Agaricales	*Lepiota*	*clypeolaria (Bull. ex Fr.) Kumme*
195	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Agaricales	*Lepiota*	*clypeolaria (Bull.ex Fr.) Kumme*
196	Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Lepiota*	*clypeolaria (Bull.ex Fr.) Kumme*
197	Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Lepiota*	*clypeolaria (Bull.ex Fr.) Kumme*
198	Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Lepiota*	*clypeolaria (Bulliard) Kummer*
199	Skyview Drive - 5070	T1N, R7E, Sec 21	Pennington	98-10-27	Agaricales	*Lepiota*	*naucina (Fr.) Kummer*
200	Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Lepiota*	sp.
201	Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-26	Agaricales	*Lepiota*	sp.
202	Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-15	Agaricales	*Leptonia*	*parva*
203	Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Leptonia*	sp.
204	Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Agaricales	*Leucopaxillus*	*albissimus (Pk.) Singer*
205	Alabaugh/East Falls Canyon Ridge	T8S, R4E, Sec 3 SE 1/4	Fall River	99-06-21	Agaricales	*Leucopaxillus*	*albissimus (Pk.) Singer*
206	Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Leucopaxillus*	*albissimus (Pk.) Singer*
207	Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-23	Agaricales	*Leucopaxillus*	*albissimus (Pk.) Singer*
208	Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Leucopaxillus*	*albissimus (Pk.) Singer*
209	Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Leucopaxillus*	*albissimus (Pk.) Singer*
210	Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Leucopaxillus*	*albissimus (Pk.) Singer*
211	Old Baldy Trail	T5N, R1E, Sec 33	Lawrence	99-08-15	Agaricales	*Leucopaxillus*	*albissimus (Pk.) Singer*
212	Redbird Canyon (Side canyon)	T3S, R1E, Sec 16	Custer	99-09-04	Agaricales	*Leucopaxillus*	*albissimus (Pk.) Singer*

	H	I	J	K	L	M	N
	Arora, 1986	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	478
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	176
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	94
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	224
	Groves, 1975; Huffman, 1989	*Pinus ponderosa*	*Quercus macrocarpa*	Soil	Not obs	No	252
	Huffman, 1989	*Ostrya virginiana*	*Picea glauca*	Soil	Cattle	No	513
	Lincoff, 1997; Phillips, 1991	*Betula glandulosa*	*Picea glauca*	Moss - Sphagnum	Not obs	No	292E
	Evenson, 1997; Laessoe, 1996	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	094E
	Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	239
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	172
	Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	186
	Arora, 1986	*Betula glandulosa*	*Picea glauca*	Moss - Sphagnum	Not obs	No	440
	Phillips, 1991	*Betula glandulosa*	*Picea glauca*	Moss - Sphagnum	Not obs	No	287E
	Arora, 1986; Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	465
	Groves, 1975	*Pinus ponderosa*	*Quercus macrocarpa*	Soil	Not obs	No	251
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	277E
	Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	100
	Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	233
	Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	463
	Evenson, 1997	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	446
	Huffman, 1989	*Populus tremuloides*	*Betula papyrifera*	Soil	Cattle	No	429
	Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	Yes	213
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	157
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	197
	Groves, 1975	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	145E
	Groves, 1975	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	227
	Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	234
	Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	180
	Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	085E
	Arora, 1986; Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	155E
	Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	089E
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	408
	Arora, 1986	*Picea glauca*	*Picea glauca*	Soil	Not obs	No	146E
	Arora, 1986; Groves, 1975	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	331
	Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	237E
	Groves, 1975; Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	212E
	Arora, 1986; Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	450
	Groves, 1975; Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	213E
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	293E
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	208E
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	261E
	Arora, 1986; Phillips, 1991	*Populus tremuloides*	*Betula papyrifera*	Soil	Cattle	No	425
	Lincoff, 1997; Phillips, 1991	*Cercocarpus montanus*	*Juniperus scopulorum*	Soil	Not obs	No	508

A	B	C	D	E	F	G
Sheridan Lake Road - 8100	T1N, R7E, Sec 29 SW 1/4 of SE 1/4	Pennington	99-07-01	Agaricales	*Leucopaxillus*	*albissimus (Pk.) Singer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Agaricales	*Leucopaxillus*	*amarus (Albertini & Schweinitz) Kuhr*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Agaricales	*Leucopaxillus*	*giganteus (Fr.) Sing.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Agaricales	*Leucopaxillus*	*laterarius (Peck) Singer & Smith*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-05-25	Agaricales	*Leucopaxillus*	*laterarius (Peck) Singer & Smith*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-06-16	Agaricales	*Marasmius*	*androsaceus*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Agaricales	*Marasmius*	*androsaceus*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Agaricales	*Marasmius*	*oreades (Bolton:Fr.) Fr.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Agaricales	*Marasmius*	*oreades (Bolton:Fr.) Fr.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Agaricales	*Marasmius*	*oreades (Bolton:Fr.) Fr.*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Marasmius*	*siccus (Schw.) Fr.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-06-11	Agaricales	*Marasmius*	*sullivantii Montagne*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Melanoleuca*	*albofiavida (Pk.) Murr.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-07-10	Agaricales	*Melanoleuca*	*cognata (Fr.) Konrad & Manblanc*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-23	Agaricales	*Melanoleuca*	*evenosa group*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Melanoleuca*	*melaleuca group*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Melanoleuca*	*melanoleuca (Fr.) Murr.*
Aladdin, WY-Pisolithus Site-3 miles E	T54N, R61W, Sec 24	Crook (WY)	98-10-29	Agaricales	*Mycena*	*alcalina (Fr.)*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-05-22	Agaricales	*Mycena*	*leaiana (Berk.) Sacc.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-07-14	Agaricales	*Mycena*	*pura (Pers. ex Fr.)*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-06-16	Agaricales	*Naucoria*	*semiorbicularis (Bull) Fr.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Panaeolus*	*campanulatus group*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Panaeolus*	*campanulatus group*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Panaeolus*	*foenisecii (Persoon) Kuhner*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Panaeolus*	*foenisecii (Persoon) Kuhner*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-06-12	Agaricales	*Panaeolus*	*semiovatus (Sowerby) Lundell & Nan.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Panaeolus*	*semiovatus (Sowerby) Lundell & Nan.*
Plum Creek Ranch	T9S, R4E, Sec 33	Fall River	99-07-17	Agaricales	*Panaeolus*	*semiovatus (Sowerby) Lundell & Nan.*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	99-05-20	Agaricales	*Panaeolus*	*subbalteatus Berkeley & Broome*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	99-05-20	Agaricales	*Panaeolus*	*subbalteatus Berkeley & Broome*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	99-05-20	Agaricales	*Panaeolus*	*subbalteatus Berkeley & Broome*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-05-22	Agaricales	*Panaeolus*	*subbalteatus Berkeley & Broome*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Agaricales	*Pholiota*	*aurivella group (limonella)*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Pholiota*	*scamba (Fr.) Moser*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Pholiota*	*vermiflua Peck*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-03	Agaricales	*Pholiota*	*vernalis (Peck) Smith & Hesler*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Agaricales	*Pholiota*	*vernalis (Peck) Smith & Hesler*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Phyllotopsis*	*nidulans (Pers.:Fr.) Sing.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Agaricales	*Phyllotopsis*	*nidulans (Pers.:Fr.) Sing.*
Dugout Gulch	T52N, R60W, S 30/31; T51N, R60W, S6	Crook (WY)	99-07-11	Agaricales	*Phyllotopsis*	*nidulans (Pers. ex Fr.) Singer*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-06-15	Agaricales	*Pleurotus*	*ostreatus (Jacq.:Fr.) Kummer*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-05-22	Agaricales	*Pleurotus*	*ostreatus (Jacq.:Fr.) Kummer*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-07-04	Agaricales	*Pleurotus*	*ostreatus (Jacq.:Fr.) Kummer*

	H	I	J	K	L	M	N
	Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Horses	No	219E
	Arora, 1986; Evenson, 1997	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	114
mer	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	Yes	92
	Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	236E
	Groves, 1975	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	277
	Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Needles - pine	Not obs	No	56
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Needles - spruce	Cattle	No	120
	Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	135E
	Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	112
	Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	357
	Huffman, 1989	*Pinus ponderosa*	*Pinus ponderosa*	Needles - pine	Not obs	No	183
	Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	19
	Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	295E
	Evenson, 1997	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	104
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	187E
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	186E
	Arora, 1986; Smith, 1981	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	447
	Groves, 1975	*Pinus ponderosa*	*Quercus macrocarpa*	Soil	Not obs	No	253
	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	272
	Phillips, 1991; Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	244E
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Grass	Cattle	Yes	53
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Manure (cow)	Cattle	No	102E
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Manure (cow)	Cattle	No	297E
	Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	152
	Evenson, 1997	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	155
	Evenson, 1997	*Populus tremuloides*	*Populus tremuloides*	Manure (cow)	Cattle	No	013E
Nannfeldt	Evenson, 1997	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	154
Nannfeldt	Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Manure (cow)	Cattle	No	262E
Nannfeldt	Stamets, 1996	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	264
	Stamets, 1996	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	262
	Stamets, 1996	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	261
	Stamets, 1996	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	271
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	416
	Smith, 1981	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	454
	Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	103E
	Evenson, 1997	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	283
	Evenson, 1997	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	88
	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Wood - deciduous	Cattle	No	139
	Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	037E
	Huffman, 1989	*Betula papyrifera*	*Ostrya virginiana*	Wood	Not obs	No	372
	Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - conifer	Not obs	Yes	45
	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Wood - deciduous	Cattle	Yes	270
	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Wood - deciduous	Cattle	Yes	64

A	B	C	D	E	F	G
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-06-12	Agaricales	*Pleurotus*	*ostreatus (Jacq.:Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Pleurotus*	*ostreatus (Jacq.:Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Pleurotus*	*ostreatus (Jacq.:Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Pleurotus*	*ostreatus (Jacq.:Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Pleurotus*	*ostreatus (Jacq.:Fr.) Kummer*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-07-26	Agaricales	*Pleurotus*	*ostreatus (Jacq.:Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Agaricales	*Pleurotus*	*ostreatus (Jacq.:Fr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Pluteus*	*admirabilis*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-08-16	Agaricales	*Pluteus*	*admirabilis Peck*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Agaricales	*Pluteus*	*atromarginatus (Konrad) Kuhner*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Agaricales	*Pluteus*	*atromarginatus (Sing.) Kuhner*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Agaricales	*Pluteus*	*aurantiorugosus*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Pluteus*	*cervinus (Schaeff. ex Secr.) Kummer*
Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	99-08-21	Agaricales	*Pluteus*	*cervinus (Schaeff. ex Secr.) Kummer*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Agaricales	*Pluteus*	*cervinus (Schaeff. ex Secr.) Kummer*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Pluteus*	*cervinus (Schaeff. ex Secr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Agaricales	*Pluteus*	*cervinus (Schaeff. ex Secr.) Kummer*
Spearfish Canyon (Bill's Canyon)	T3N, R2E, Sec 6	Lawrence	99-08-19	Agaricales	*Pluteus*	*cervinus (Schaeff. ex Secr.) Kummer*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-07-04	Agaricales	*Pluteus*	*cervinus (Schff.:Fr.) Kummer*
Old Baldy Trail	T5N, R1E, Sec 33 NW 1/4	Lawrence	98-06-06	Agaricales	*Pluteus*	*cervinus (Schff.:Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Pluteus*	*cervinus (Schff.:Fr.) Kummer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-08-16	Agaricales	*Pluteus*	*flavofuligineus*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Pluteus*	*longistriatus*
Black Fox	T2N, R2E, Sec 11	Lawrence	99-08-16	Agaricales	*Pluteus*	*longistriatus*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-08-16	Agaricales	*Pluteus*	*pellitus*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Agaricales	*Pluteus*	sp.
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Pluteus*	sp.
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-08-16	Agaricales	*Pluteus*	sp.
Dark Canyon	T1N, R6E, Sec 14 NE 1/4 of SE 1/4	Pennington	99-08-15	Agaricales	*Psathyrella*	*candolleana*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Psathyrella*	*candolleana group (Fr.) Maire*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Psathyrella*	*gracilis*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Agaricales	*Psathyrella*	*gracilis*
Moon (Site 2) - .3 mile N of Moon 1	T1S, R1E, Sec 34	Pennington	99-07-19	Agaricales	*Psathyrella*	*hydrophila (Fr.) Maire (or P. spadicea*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Agaricales	*Psathyrella*	*kauffmanii A.H. Smith*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Psathyrella*	*longistriata*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Psathyrella*	sp.
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Agaricales	*Psathyrella*	*velutina (Fries) Singer*
Redbird Canyon (Side canyon)	T3S, R1E, Sec 16	Custer	99-09-04	Agaricales	*Psilocybe*	*coprophila (Bulliard ex Fries) Kumme*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Agaricales	*Rhodotus*	*palmatus*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Agaricales	*Rhodotus*	*palmatus (Bull. ex Fr.) Maire*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-07-14	Agaricales	*Rhodotus*	*palmatus (Bull. ex Fr.) Maire*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Agaricales	*Rhodotus*	*palmatus (Bull. ex Fr.) Maire*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Russula*	*aeruginea Lindbl.*

	H	I	J	K	L	M	N
	Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	Yes	33
	Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	Yes	176E
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous (Populus)	Cattle	Yes	204E
	Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous (Picea glauca)	Cattle	Yes	257E
	Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	Yes	166
	Huffman, 1989	*Pinus ponderosa*	*Pinus ponderosa*	Wood - conifer	Not obs	Yes	411
	Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	Yes	343
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	210E
	Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	435
	Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	Yes	119
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	171E
	Laessoe, 1996; Arora,1986	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	171
	Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	236
	Arora, 1986; Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Wood	Cattle	No	458
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	Yes	278E
	Arora, 1986; Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	Yes	451
	Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	Yes	341
	Arora, 1986	*Picea glauca*	*Picea glauca*	Wood	Not obs	Yes	298E
	Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Wood	Cattle	Yes	67
	Huffman, 1989	*Populus tremuloides*	*Betula papyrifera*	Wood - conifer	Cattle	Yes	11
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	Yes	203
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	No	289E
	Arora, 1986	*Populus tremuloides*	*Pinus ponderosa*	Wood	Cattle	No	455
	Arora, 1986	*Betula glandulose*	*Picea glauca*	Wood	Not obs	No	441
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood	Cattle	No	288E
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	279E
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous (Populus)	Cattle	No	311E
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	433
	Arora, 1986	*Quercus macrocarpa*	*Betula papyrifera*	Soil	Not obs	No	283E
	Evenson, 1997	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	153
	Arora, 1986	*Populus tremuloides*	*Pinus ponderosa*	Wood	Cattle	No	387
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	316
	Arora, 1986; Phillips, 1991	*Pinus ponderosa*	*Populus tremuloides*	Wood - deciduous	Cattle	No	381
	Evenson, 1997; Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	221E
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	312E
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	335
	Bessette, 1997	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	421
	Stamets, 1996	*Cercocarpus montanus*	*Juniperus scopulorum*	Manure (horse)	Not obs	No	505
	Arora, 1986; Horn, 1993	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	158
	Lincoff, 1997	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	272E
	Lincoff, 1997	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	241E
	Arora, 1986; Horn, 1993	*Ostrya virginiana*	*Picea glauca*	Wood - deciduous	Cattle	No	469
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	Yes	207

A	B	C	D	E	F	G
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Russula*	*aeruginea Lindbl.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Russula*	*albonigra*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Russula*	*alutacea group*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Russula*	*brevipes Peck*
Rifle Pit Canyon (FS 806)	T50N, R60W, Sec 28	Crook (WY)	99-08-27	Agaricales	*Russula*	*brevipes Peck*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Russula*	*brevipes Peck*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Russula*	*brevipes Peck*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Russula*	*claroflava*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Russula*	*emetica group (Schaeffer) Persoon*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Russula*	*emetica group (Schaeffer) Persoon*
Custer (Road to Outlaw Ranch)	T3S, R5E, Sec 4	Custer	99-08-28	Agaricales	*Russula*	*emetica group (Schaeffer) Persoon*
Old Baldy Trail	T5N, R1E, Sec 33	Lawrence	99-08-15	Agaricales	*Russula*	*emetica group (Schaeffer) Persoon*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-07-15	Agaricales	*Russula*	*emetica group (Schaeffer) Persoon*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-15	Agaricales	*Russula*	*emetica group (Schaeffer) Persoon*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Russula*	*emetica group (Schaeff. ex Fr.) Pers.*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Russula*	*foetens Pers. ex Fr.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Russula*	*foetens Pers. ex Fr.*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Russula*	*fragilis*
Black Fox	T2N, R2E, Sec 11	Lawrence	99-08-16	Agaricales	*Russula*	*fragilis*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Russula*	*fragilis*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Agaricales	*Russula*	*fragilis*
Moon (Site 2) - .3 mile N of Moon 1	T1S, R1E, Sec 34	Pennington	99-07-19	Agaricales	*Russula*	*fragilis*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-08-09	Agaricales	*Russula*	*fragrantissima group*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Russula*	*fragrantissima Romagnesi*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-08-16	Agaricales	*Russula*	*lutea*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Russula*	*lutea (Huds. ex Fr.) S.F. Gray*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-15	Agaricales	*Russula*	*lutea (Huds. ex Fr.) S.F. Gray*
Custer (Road to Outlaw Ranch)	T3S, R5E, Sec 4	Custer	99-09-06	Agaricales	*Russula*	*maculata group*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-09-09	Agaricales	*Russula*	*maculata group*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Agaricales	*Russula*	*maculata group*
Spearfish Canyon (Bill's Canyon)	T3N, R2E, Sec 6	Lawrence	99-08-19	Agaricales	*Russula*	*maculata group*
Palmer Creek	T2S, R5E, Sec 8 SE 1/4	Custer	98-10-09	Agaricales	*Russula*	*olivacea*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Russula*	*paludosa Britz*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-07-04	Agaricales	*Russula*	*sardonia Fr.*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Russula*	*sordida Peck*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Agaricales	*Russula*	sp.
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-06-24	Agaricales	*Russula*	sp.
Alabaugh/East Falls Canyon Ridge	T8S, R4E, Sec 3 SE 1/4	Fall River	99-06-21	Agaricales	*Russula*	sp.
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Russula*	sp.
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Russula*	sp.
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Russula*	sp.
Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	99-08-21	Agaricales	*Russula*	sp.
Custer (Road to Outlaw Ranch)	T3S, R5E, Sec 4	Custer	99-08-28	Agaricales	*Russula*	sp.

	H	I	J	K	L	M	N
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	Yes	179
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	399
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	294E
	Arora, 1986; Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	449
	Arora, 1986; Phillips, 1991	*Pinus ponderosa*	*Populus tremuloides*	Soil	Cattle	No	482
	Evenson, 1997; Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	181
	Evenson, 1997	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	189
	Arora, 1986	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	163
	Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	146
	Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	237
	Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	326E
	Huffman, 1989	*Populus tremuloides*	*Betula papyrifera*	Soil	Cattle	No	428
	Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	124
	Evenson, 1997	*Picea glauca*	*Picea glauca*	Soil	Not obs	No	144E
ex. S.F. Gray	Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	117E
	Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	182
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	192
	Arora, 1986	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	086E
	Arora, 1986	*Betula glandulosa*	*Picea glauca*	Moss - Sphagnum	Not obs	No	438
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Moss & wood	Cattle	No	396
	Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	453
	Arora, 1986	*Pinus ponderosa*	*Populus tremuloides*	Wood	Cattle	No	378
	Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	267E
	Horn, 1993; Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	084E
	Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	434
	Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	Yes	191
	Groves, 1975	*Picea glauca*	*Picea glauca*	Soil	Not obs	Yes	140E
	Arora, 1986	*Pinus ponderosa*	*Picea glauca*	Soil	Not obs	No	330E
	Arora, 1986	*Ostrya virginiana*	*Picea glauca*	Soil	Cattle	No	512
	Arora, 1986	*Ostrya virginiana*	*Picea glauca*	Wood - deciduous (Ostrya)	Cattle	No	305E
	Arora, 1986	*Picea glauca*	*Picea glauca*	Soil	Not obs	No	300E
	Arora, 1986	*Pinus ponderosa*	*Populus tremuloides*	Soil	Cattle	No	153E
	Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	184
	Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	73
	Groves, 1975	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	Yes	185
	Groves, 1975	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	229
	Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	209E
	Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	189E
	Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	230
	Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	162
	Groves, 1975	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	093E
	Arora, 1986	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	466
	Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	327E

A	B	C	D	E	F	G
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Agaricales	*Russula*	sp.
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Russula*	sp.
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Russula*	sp.
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Russula*	sp.
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Russula*	sp.
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Agaricales	*Russula*	sp.
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Agaricales	*Russula*	sp.
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Agaricales	*Russula*	sp.
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Stropharia*	*kauffmanii*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Agaricales	*Stropharia*	*kauffmanii*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Suillus*	*brevipes Peck*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Agaricales	*Suillus*	*granulatus (Fries) Kuntze*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Agaricales	*Suillus*	*granulatus (Fries) Kuntze*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Agaricales	*Suillus*	*granulatus (Fries) Kuntze*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-07-10	Agaricales	*Suillus*	*granulatus (Fries) Kuntze*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Agaricales	*Suillus*	*granulatus (Fries) Kuntze*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-07-04	Agaricales	*Suillus*	*granulatus (Fries) Kuntze*
Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	99-08-21	Agaricales	*Suillus*	*granulatus (Fries) Kuntze*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-06-16	Agaricales	*Tricholoma*	*leucophyllum*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Tricholoma*	sp.
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-10	Agaricales	*Tricholoma*	sp.
Spearfish Canyon (Bill's Canyon)	T3N, R2E, Sec 6	Lawrence	98-08-10	Agaricales	*Tricholoma*	sp.
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-08-23	Agaricales	*Tricholomopsis*	*decora (Fr.) Singer*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Agaricales	*Tricholomopsis*	*decora (Fr.) Singer*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Agaricales	*Tricholomopsis*	*flammula*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Agaricales	*Tricholomopsis*	*rutilans*
Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	99-08-21	Agaricales	*Tricholomopsis*	*rutilans (Schaeffer:Fries) Singer*
Moon (Site 1) - Road 117 - North	T1S, R1E, Sec 3	Pennington	99-07-19	Agaricales	*Tricholomopsis*	*rutilans (Schaeffer:Fries) Singer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-08-16	Agaricales	*Tricholomopsis*	*rutilans (Schaeffer:Fries) Singer*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Lawrence	99-07-06	Agaricales	*Tricholomopsis*	*rutilans (Schaeffer:Fries) Singer*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-23	Agaricales	*Tubaria*	*furfuracea (Pers. ex Fr.) Gillet*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-06-11	Agaricales	*Tubaria*	*furfuracea (Pers. ex Fr.) Gillet*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Agaricales	*Tubaria*	*furfuracea (Pers. ex Fr.) Gillet*
Rifle Pit Canyon (FS 806)	T50N, R60W, Sec 28	Crook (WY)	99-08-27	Agaricales	*Xeromphalina*	*campanella*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-03	Agaricales	*Xeromphalina*	*campanella ((Fr.) Kuhner & Maire*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Agaricales	*Xeromphalina*	*campanella ((Fr.) Kuhner & Maire*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-06-07	Agaricales	*Xeromphalina*	*campanella ((Fr.) Kuhner & Maire*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Agaricales	*Xeromphalina*	*campanella ((Fr.) Kuhner & Maire*
Big Hill - Trail D	T5N, R1E, Sec 12	Lawrence	99-05-22	Agaricales	*Xeromphalina*	*cauticinalis (Fr.) Kuhner & Maire*
Redbird Canyon (Side canyon)	T3S, R1E, Sec 16	Custer	99-09-04	Agaricales	*Xeromphalina*	*cauticinalis (Fr.) Kuhner & Maire*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-07-21	Aphyllophorales	*Bjerkandera*	*adusta (Willd. ex Fr.) Karsten*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	99-08-18	Aphyllophorales	*Bjerkandera*	*adusta (Willd. ex Fr.) Karsten*
Redbird Canyon (Side canyon)	T3S, R1E, Sec 16	Custer	99-09-04	Aphyllophorales	*Cantharellus*	*cibarius*

H	I	J	K	L	M	N
Arora, 1986	*Ostrya virginiana*	*Picea glauca*	Soil	Cattle	No	480
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	132E
Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	223
Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	133E
Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	193
Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	362
Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	359
Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	397
Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	336
Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	207E
Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	235
Arora, 1986; Evenson, 1997	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	111
Evenson, 1997	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	134E
Evenson, 1997; Smith, 1981	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	057E
Arora, 1986; Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	99
Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	134
Arora, 1986; Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	75
Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	462
Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	Yes	59
Smith, 1981	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	190
Smith, 1981	*Picea glauca*	*Picea glauca*	Soil	Not obs	No	156E
Smith, 1981	*Picea glauca*	*Picea glauca*	Soil	Not obs	No	157E
Arora, 1986; Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	240
Bessette, 1997	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	423
Arora, 1986; Laessoe, 1996	*Pinus ponderosa*	*Pinus ponderosa*	Wood	Not obs	No	188
Arora, 1986; Laessoe, 1996	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	198
Arora, 1986; Laessoe, 1996	*Populus tremuloides*	*Pinus ponderosa*	Wood	Cattle	No	457
Bessette, 1997	*Pinus ponderosa*	*Populus tremuloides*	Wood	Cattle	No	377
Arora, 1986; Laessoe, 1996	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	No	285E
Arora, 1986; Laessoe, 1996	*Picea glauca*	*Pinus ponderosa*	Wood - buried	Cattle	No	216E
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood - buried	Not obs	No	220E
Groves, 1975; Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	21
Arora, 1986; Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	345
Arora, 1986	*Pinus ponderosa*	*Populus tremuloides*	Wood	Cattle	No	315E
Evenson, 1997; Groves, 1975	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	281
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	275E
Evenson, 1997	*Pinus ponderosa*	*Pinus ponderosa*	Wood - conifer	Not obs	No	294
Evenson, 1997	*Picea glauca*	*Pinus ponderosa*	Wood	Cattle	No	167E
Evenson, 1997	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	No	269
Evenson, 1997	*Cercocarpus montanus*	*Juniperus scopulorum*	Needles - pine	Not obs	No	501
Phillips, 1991; Arora, 1986	*Populus tremuloides*	*Pinus ponderosa*	Wood	Cattle	No	256E
Arora, 1986; Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Wood - deciduous	Cattle	No	476
Arora, 1986	*Cercocarpus montanus*	*Juniperus scopulorum*	Soil	Not obs	Yes	504

A	B	C	D	E	F	G
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	99-08-14	Aphyllophorales	*Cantharellus*	*cinnabarinus*
Rifle Pit Canyon (FS 806)	T50N, R60W, Sec 28	Crook (WY)	99-08-27	Aphyllophorales	*Cantharellus*	*cinnabarinus (Fr.) Karsten*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-08-16	Aphyllophorales	*Cantharellus*	sp.
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Aphyllophorales	*Cantharellus*	*subalbidus Smith & Morse*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Aphyllophorales	*Cerrena*	*unicolor (Bull. ex Fr.) Murr.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-07-14	Aphyllophorales	*Cerrena*	*unicolor (Bull. ex Fr.) Murr.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Aphyllophorales	*Cerrena*	*unicolor (Bull. ex Fr.) Murr.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Aphyllophorales	*Cerrena*	*unicolor (Bull. ex Fr.) Murr.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Aphyllophorales	*Cerrena*	*unicolor (Bull. ex Fr.) Murr.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Aphyllophorales	*Christiansenia*	*mycetophila (Pk.) Ginns & Sunh.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Aphyllophorales	*Christiansenia*	*mycetophila (Pk.) Ginns & Sunh.*
Redbird Canyon	T3S, R1E, Sec 16	Custer	99-07-08	Aphyllophorales	*Christiansenia*	*mycetophila (Pk.) Ginns & Sunh.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-08-16	Aphyllophorales	*Clavariadelphus*	*ligula (Fr.) Donk*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-07-15	Aphyllophorales	*Clavariadelphus*	*truncatus (Quel) Donk*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Aphyllophorales	*Clavariadelphus*	*truncatus (Quel) Donk*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Aphyllophorales	*Coniophora*	*olivacea*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Aphyllophorales	*Dacrymyces*	*deliquescens*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Aphyllophorales	*Dentinum*	*repandum*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Aphyllophorales	*Exidia*	*alba*
Old Baldy Trail	T5N, R1E, S 28 SW 1/4, S 33 NW 1/4	Lawrence	98-06-06	Aphyllophorales	*Exidia*	*glandulosa (Bull. ex Fr.)*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-06-11	Aphyllophorales	*Fomes*	*fomentarius (L. ex Fr.) Kickx.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Aphyllophorales	*Fomes*	*fomentarius (L. ex Fr.) Kickx.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-06-12	Aphyllophorales	*Fomes*	*fomentarius (L. ex Fr.) Kickx.*
Old Baldy Trail	T5N, R1E, S 28 SW 1/4, S 33 NW 1/4	Lawrence	98-06-06	Aphyllophorales	*Fomes*	*fomentarius (L. ex Fr.) Kickx.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz ex Fr.) Karsten*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-07-06	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz ex Fr.) Karsten*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-07-26	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz ex Fr.) Karsten*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-26	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz ex Fr.) Karsten*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz ex Fr.) Karsten*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz ex Fr.) Karsten*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-06-25	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz) Karsten*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-06-16	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz) Karsten*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz) Karsten*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz) Karsten*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-06-16	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz) Karsten*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-06-20	Aphyllophorales	*Fomitopsis*	*pinicola (Swartz) Karsten*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Aphyllophorales	*Ganoderma*	*applanatum (Pers.) Patouillard*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Aphyllophorales	*Ganoderma*	*applanatum (Pers.) Patouillard*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Aphyllophorales	*Ganoderma*	*applanatum (Pers.) Patouillard*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Aphyllophorales	*Gloeophyllum*	*sepiarium (Fr.) Karst.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Aphyllophorales	*Gloeophyllum*	*sepiarium (Fr.) Karst.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-07-10	Aphyllophorales	*Gloeophyllum*	*sepiarium (Fr.) Karst.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Aphyllophorales	*Gloeophyllum*	*sepiarium (Fr.) Karst.*

H	I	J	K	L	M	N
Arora, 1986	Picea glauca	Picea glauca	Soil	Not obs	Yes	281E
Arora, 1986	Pinus ponderosa	Populus tremuloides	Soil	Cattle	Yes	316E
Arora, 1986	Picea glauca	Pinus ponderosa	Wood	Cattle	No	479
Arora, 1986; Phillips, 1991	Populus tremuloides	Populus tremuloides	Soil	Cattle	Yes	452
Phillips, 1991	Picea glauca	Pinus ponderosa	Wood - deciduous	Not obs	No	276E
Phillips, 1991	Picea glauca	Pinus ponderosa	Wood	Not obs	No	366
Phillips, 1991	Picea glauca	Pinus ponderosa	Wood - conifer	Not obs	No	034E
Phillips, 1991	Picea glauca	Pinus ponderosa	Wood - deciduous	Not obs	No	112E
Phillips, 1991	Picea glauca	Pinus ponderosa	Wood - deciduous (Populus)	Cattle	No	170E
Lincoff, 1997	Populus tremuloides	Populus tremuloides	Collybia dryophila	Cattle	No	260E
Lincoff, 1997	Populus tremuloides	Populus tremuloides	Collybia acervata	Cattle	No	395
Lincoff, 1997	Cercocarpus montanus	Juniperus scopulorum	Collybia acervata	Cattle	No	352
Arora, 1986; Phillips, 1991	Picea glauca	Pinus ponderosa	Needles - pine/spruce cones	Not obs	No	436
Arora, 1986; Phillips, 1991	Pinus ponderosa	Pinus ponderosa	Soil	Not obs	Yes	128
Arora, 1986; Phillips, 1991	Pinus ponderosa	Pinus ponderosa	Soil	Not obs	Yes	118E
Fergus, 1960	Picea glauca	Pinus ponderosa	Wood - conifer	Not obs	No	90
Arora, 1986	Picea glauca	Pinus ponderosa	Wood - conifer	Not obs	No	065E
Arora, 1986	Ostrya virginiana	Picea glauca	Soil	Cattle	No	302E
Arora, 1986	Picea glauca	Pinus ponderosa	Wood - deciduous	Not obs	No	161
Huffman, 1989	Populus tremuloides	Betula papyrifera	Wood - deciduous	Cattle	No	6
Phillips, 1991	Picea glauca	Pinus ponderosa	Wood	Not obs	No	129
Phillips, 1991	Picea glauca	Pinus ponderosa	Wood - deciduous	Not obs	No	038E
Phillips, 1991	Populus tremuloides	Populus tremuloides	Wood - deciduous	Cattle	No	046E
Phillips, 1991	Populus tremuloides	Betula papyrifera	Wood - deciduous	Cattle	No	7
Laessoe, 1996	Populus tremuloides	Populus tremuloides	Wood	Cattle	No	202E
Phillips, 1991	Pinus ponderosa	Pinus ponderosa	Wood - conifer	Not obs	No	349
Phillips, 1991	Pinus ponderosa	Pinus ponderosa	Wood - conifer	Not obs	No	406
Phillips, 1991	Picea glauca	Pinus ponderosa	Wood - conifer	Cattle	No	405
Phillips, 1991	Picea glauca	Pinus ponderosa	Wood	Cattle	No	166E
Phillips, 1991	Picea glauca	Pinus ponderosa	Wood	Not obs	No	178
Phillips, 1991	Populus tremuloides	Pinus ponderosa	Wood - conifer	Cattle	No	021E
Evenson, 1997	Pinus ponderosa	Pinus ponderosa	Wood - conifer	Not obs	No	55
Evenson, 1997	Picea glauca	Pinus ponderosa	Wood - conifer	Cattle	No	116
Evenson, 1997	Picea glauca	Pinus ponderosa	Wood - conifer	Not obs	No	069E
Evenson, 1997	Picea glauca	Pinus ponderosa	Wood	Cattle	No	51
Phillips, 1991	Picea glauca	Picea glauca	Wood - conifer	Not obs	No	015E
Evenson, 1997	Juniperus scopulorum	Pinus ponderosa	Wood - deciduous	Not obs	No	076E
Evenson, 1997	Populus tremuloides	Populus tremuloides	Wood	Cattle	No	252E
Huffman, 1989	Picea glauca	Pinus ponderosa	Wood - conifer	Not obs	No	324
Huffman, 1989	Populus tremuloides	Populus tremuloides	Wood	Cattle	No	337
Huffman, 1989	Populus tremuloides	Populus tremuloides	Wood - deciduous	Cattle	No	091E
Huffman, 1989	Populus tremuloides	Populus tremuloides	Wood - deciduous	Cattle	No	98
Evenson, 1997	Picea glauca	Pinus ponderosa	Wood - conifer	Cattle	No	130E

A	B	C	D	E	F	G
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Aphyllophorales	*Gloeophyllum*	*sepiarium (Fr.) Karst.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Aphyllophorales	*Gloeophyllum*	*sepiarium (Fr.) Karst.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Aphyllophorales	*Gloeophyllum*	*sepiarium (Fr.) Karst.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-06-16	Aphyllophorales	*Gloeophyllum*	*sepiarium (Fr.) Karst.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Aphyllophorales	*Gloeophyllum*	*sepiarium (Fr.) Karst.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-26	Aphyllophorales	*Gloeophyllum*	*sepiarium (Fr.) Karst.*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-07-07	Aphyllophorales	*Gloeophyllum*	*sepiarium (Fr.) Karst.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-07-14	Aphyllophorales	*Hapalopilus*	*nidulans (Fr.) Karsten*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Aphyllophorales	*Inonotus*	*radiatus (Sow. ex Fr.) Karsten*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-15	Aphyllophorales	*Inonotus*	*tomentosa (Fr.) Kar.*
Spearfish Canyon (Roughlock Falls)	T5N, R1E, Sec 36	Lawrence	98-09-19	Aphyllophorales	*Lenzites*	*betulina (Fr.) Fr.*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	99-05-22	Aphyllophorales	*Peniophora*	*rufa (Fr.) Boudier*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Aphyllophorales	*Peniophora*	*rufa (Fr.) Boudier*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Aphyllophorales	*Peniophora*	*rufa (Fr.) Boudier*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Aphyllophorales	*Phaeolus*	*schweinitzii (Fr.) Patouillard*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Aphyllophorales	*Phellinus*	*ferruginosa (Fr.) Pat.*
Dugout Gulch	T52N, R60W, S 30/31; T51N, R60W, S6	Crook (WY)	99-07-11	Aphyllophorales	*Phellinus*	*igniarius*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Aphyllophorales	*Phellinus*	*igniarius*
Old Baldy Trail	T5N, R1E, S 28 SW 1/4, S 33 NW 1/4	Lawrence	98-06-06	Aphyllophorales	*Phellinus*	*nigricans (Fr.) Karsten*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Aphyllophorales	*Phellinus*	*pini*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-02	Aphyllophorales	*Phellinus*	*pini (Fr.) Ames*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-26	Aphyllophorales	*Phellinus*	*pini (Fr.) Ames*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Aphyllophorales	*Phellinus*	*pini (Fr.) Ames*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Aphyllophorales	*Phellinus*	*tremulae*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	98-07-04	Aphyllophorales	*Polyporus*	*arcularius Batsch:Fr*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Aphyllophorales	*Polyporus*	*arcularius Batsch:Fr*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-03	Aphyllophorales	*Polyporus*	*arcularius Batsch:Fr*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-06-11	Aphyllophorales	*Polyporus*	*arcularius Batsch:Fr*
Dugout Gulch	T52N, R60W, S 30/31; T51N, R60W, S6	Crook (WY)	99-07-11	Aphyllophorales	*Polyporus*	*arcularius Batsch:Fr*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Aphyllophorales	*Polyporus*	*arcularius Batsch:Fr*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-07-14	Aphyllophorales	*Polyporus*	*badius (Pers. ex S.F. Gray) Schw.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-23	Aphyllophorales	*Polyporus*	*badius (Pers. ex S.F. Gray) Schw.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-07-14	Aphyllophorales	*Polyporus*	*badius (Pers. ex S.F. Gray) Schw.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Aphyllophorales	*Polyporus*	*badius (Pers. ex S.F. Gray) Schw.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Aphyllophorales	*Polyporus*	*badius (Pers. ex S.F. Gray) Schw.*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Aphyllophorales	*Polyporus*	*badius (Pers. ex S.F. Gray) Schw.*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Aphyllophorales	*Polyporus*	*badius (Pers. ex S.F. Gray) Schw.*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Aphyllophorales	*Polyporus*	*badius (Pers. ex S.F. Gray) Schw.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Aphyllophorales	*Polyporus*	*elegans (Bull.ex Fr.) Fr.*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-08-18	Aphyllophorales	*Polyporus*	*varius (Pers. ex Fr.)*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Aphyllophorales	*Polyporus*	*varius (Pers. ex Fr.)*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-08-18	Aphyllophorales	*Polyporus*	*varius (Pers. ex Fr.)*
Dark Canyon	T1N, R6E, Sec 14 NE 1/4 of SE 1/4	Pennington	99-08-15	Aphyllophorales	*Pycnoporus*	*cinnabarinus (Fr.) Karsten*

H	I	J	K	L	M	N
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	196
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	292
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - conifer (Picea)	Cattle	No	217E
Tylutki, 1979	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Cattle	No	50
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	No	121
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	No	401
Huffman, 1989	*Picea glauca*	*Picea glauca*	Wood - conifer	Not obs	No	031E
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous (Betula)	Not obs	No	368
Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	330
Laessoe, 1996; Arora 1986	*Picea glauca*	*Picea glauca*	Wood - conifer	Not obs	No	139E
Tylutki, 1979; Phillips, 1991	*Betula papyrifera*	*Populus tremuloides*	Wood - deciduous	Not obs	No	242
Evenson, 1997	*Populus tremuloides*	*Pinus ponderosa*	Wood - deciduous	Cattle	No	267
Evenson, 1997	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	095E
Evenson, 1997	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	307
Evenson, 1997	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	113E
Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous (Populus)	Cattle	No	258E
Tylutki, 1987; Arora, 1986	*Betula papyrifera*	*Ostrya virginiana*	Wood - deciduous (Betula)	Not obs	No	371
Tylutki, 1987; Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	393
Phillips, 1991	*Populus tremuloides*	*Betula papyrifera*	Wood - deciduous	Cattle	No	10
Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - conifer (Juniperus)	Not obs	No	360
Phillips, 1991	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - conifer (Pinus)	Not obs	No	255E
Arora, 1986; Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	No	404
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - conifer (Picea glauca)	Cattle	No	254E
Tylutki, 1987	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	392
Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Wood - conifer	Cattle	No	65
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	319E
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	282
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	17
Huffman, 1989	*Betula papyrifera*	*Ostrya virginiana*	Wood	Not obs	No	369
Huffman, 1989	*Ostrya virginiana*	*Picea glauca*	Wood	Cattle	No	472
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	318E
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	238E
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	239E
Huffman, 1989; Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	271E
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	327
Huffman, 1989	*Ostrya virginiana*	*Picea glauca*	Wood	Cattle	No	471
Arora, 1986	*Ostrya virginiana*	*Picea glauca*	Wood - deciduous (Ostrya)	Cattle	No	317E
Arora, 1986	*Ostrya virginiana*	*Picea glauca*	Wood - deciduous (Ostrya)	Cattle	No	496
Miller, 1977	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	039E
Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	No	291E
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	169
Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	445
Phillips, 1991	*Quercus macrocarpa*	*Betula papyrifera*	Wood - deciduous (Quercus)	Not obs	No	282E

A	B	C	D	E	F	G
Old Baldy Trail	T5N, R1E, Sec 33	Lawrence	99-08-15	Aphyllophorales	*Pycnoporus*	*cinnabarinus (Fr.) Karsten*
Dugout Gulch	T52N, R60W, S 30/31; T51N, R60W, S6	Crook (WY)	99-07-11	Aphyllophorales	*Pycnoporus*	*cinnabarinus (Jacq.:Fr.) Karst.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Aphyllophorales	*Pycnoporus*	*cinnabarinus (Jacq.:Fr.) Karst.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-06-12	Aphyllophorales	*Pycnoporus*	*cinnabarinus (Jacq.:Fr.) Karst.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Aphyllophorales	*Ramaria*	*acris (Peck) Corner*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Aphyllophorales	*Ramaria*	*acris (Peck) Corner*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-08-10	Aphyllophorales	*Ramaria*	*apiculata (Fr.) Donk*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Aphyllophorales	*Ramaria*	*ochraceo-virens (Jungh.) Donk*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Aphyllophorales	*Ramaria*	*sp. (apiculata or stricta)*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Aphyllophorales	*Ramaria*	*suecia (Fr.) Donk*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-15	Aphyllophorales	*Ramaria*	*suecia (Fr.) Donk*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-06-12	Aphyllophorales	*Schizophyllum*	*commune Fr.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Aphyllophorales	*Spongipellis*	*pachydon (Pers.) Kotl. & Pouz.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Aphyllophorales	*Spongipellis*	*pachydon (Pers.) Kotl. & Pouz.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-07-14	Aphyllophorales	*Stereum*	*striatum (Fr.) Fr.*
Spearfish Canyon (Bill's Canyon)	T3N, R2E, Sec 6	Lawrence	99-06-08	Aphyllophorales	*Thelephora*	*terrestris Fries*
Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	99-08-21	Aphyllophorales	*Trametes*	*hirsuta*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Aphyllophorales	*Trametes*	*hirsuta*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-07-21	Aphyllophorales	*Trametes*	*hirsuta*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Aphyllophorales	*Trametes*	*hirsuta*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-07-26	Aphyllophorales	*Trametes*	*hirsuta*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-06-12	Aphyllophorales	*Trichaptum*	*biforme (Fr. in Klotzch) Ryv.*
Old Baldy Trail (West Loop)	T5N, R1E, Sec 32-33	Lawrence	98-09-26	Aphyllophorales	*Trichaptum*	*biforme (Fr. in Klotzch) Ryv.*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	99-08-18	Aphyllophorales	*Trichaptum*	*biforme (Fr. in Klotzch) Ryv.*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-07-26	Aphyllophorales	*Trichaptum*	*biforme (Fr. in Klotzch) Ryv.*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-07-06	Aphyllophorales	*Trichaptum*	*biforme (Fr. in Klotzch) Ryv.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Aphyllophorales	*Trichaptum*	*biformis*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Aphyllophorales	*Trichaptum*	*biformis*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Aphyllophorales	*Trichaptum*	*biformis*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Aphyllophorales	*Tyromyces*	*chioneus (Fr.) Karsten*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Dothidiales	*Apiosporina*	*morbosa (Fr.) von Arx*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Dothidiales	*Apiosporina*	*morbosa (Fr.) von Arx*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-06-11	Dothidiales	*Apiosporina*	*morbosa (Fr.) von Arx*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Dothidiales	*Apiosporina*	*morbosa (Schw.) von Arx*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-15	Dothidiales	*Apiosporina*	*morbosa (Schw.) von Arx*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Helotiales	*Bisporella*	*citrina (Batsch: Fr.) Korf & Carpente*
Old Baldy Trail (East Loop)	T5N, R1E, Sec 32-33	Lawrence	98-09-26	Helotiales	*Bisporella*	*citrina (Batsch: Fr.) Korf & Carpente*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-26	Helotiales	*Bisporella*	*citrina (Batsch: Fr.) Korf & Carpente*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-03	Helotiales	*Dasyscypha*	*scabro-villosa*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-06-11	Helotiales	*Dasyscypha*	*scabro-villosa*
Boles Canyon	T3S, R1E, Sec 8	Custer	99-07-08	Hymenogastrales	*Hysterangium*	sp.
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-07-14	Liceales	*Cribaria*	*macrocarpa Schrader*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Liceales	*Lycogala*	*epidendrum (L.) Fr.*

H	I	J	K	L	M	N
Huffman, 1989	*Populus tremuloides*	*Betula papyrifera*	Wood - deciduous	Cattle	No	427
Huffman, 1989	*Betula papyrifera*	*Ostrya virginiana*	Wood	Not obs	No	370
Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous (Populus)	Cattle	No	178E
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	31
Smith, 1981	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	86
Smith, 1981	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	175
Smith, 1981	*Pinus ponderosa*	*Pinus ponderosa*	Wood	Not obs	No	222
Smith, 1981	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	220
Smith, 1981	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	116E
Smith, 1981	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	221
Smith, 1981	*Picea glauca*	*Picea glauca*	Soil	Not obs	No	141E
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	26
Arora, 1986; Phillips, 1991	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - conifer	Not obs	No	055E
Phillips, 1991; Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - conifer	Not obs	No	361
Phillips, 1991; Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous (Ostrya?)	Not obs	No	387
Phillips, 1991	*Picea glauca*	*Picea glauca*	Soil	Not obs	No	214E
Arora, 1986	*Populus tremuloides*	*Pinus ponderosa*	Wood - deciduous	Cattle	No	460
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	415
Tylutki, 1987; Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	386
Arora, 1986	*Ostrya virginiana*	*Picea glauca*	Wood - deciduous	Cattle	No	475
Arora, 1986	*Pinus ponderosa*	*Pinus ponderosa*	Wood - conifer	Not obs	No	410
Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	130
Phillips, 1991	*Populus tremuloides*	*Betula papyrifera*	Wood - deciduous	Cattle	No	245
Arora, 1986; Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Wood - deciduous	Cattle	No	474
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Wood - conifer	Not obs	No	409
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	344
Tylutki, 1987	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	318
Tylutki, 1987	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	329
Tylutki, 1987	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	342
Phillips, 1991; Tylutki, 1979	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	170
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	*Prunus virginiana*	Not obs	No	274E
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	*Prunus virginiana*	Not obs	No	95
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	*Prunus virginiana*	Not obs	No	14
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	*Prunus virginiana*	Not obs	No	105E
Phillips, 1991	*Picea glauca*	*Picea glauca*	*Prunus virginiana*	Not obs	No	127E
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	424
Huffman, 1989	*Populus tremuloides*	*Betula papyrifera*	Wood - deciduous	Cattle	No	250
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Cattle	No	403
Shaw, 1973	*Picea glauca*	*Pinus ponderosa*	*Rubus parviflorus*	Not obs	No	291
Shaw, 1973	*Picea glauca*	*Pinus ponderosa*	*Rubus parviflorus*	Not obs	No	15
Arora, 1986	*Juniperus scopulorum*	*Cercocarpus montanus*	Soil	Cattle	No	383
Martin, 1949	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	365
Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - conifer	Not obs	No	131E

A	B	C	D	E	F	G
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Liceales	*Lycogala*	*epidendrum (L.) Fr.*
Slate Creek	T1N, R4E, Sec 15 SW 1/4 of NE 1/4	Pennington	99-09-11	Liceales	*Lycogala*	*epidendrum (L.) Fr.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Liceales	*Lycogala*	*epidendrum (L.) Fr.*
Burno Gulch	T5N, R2E, Sec 2	Lawrence	99-08-19	Liceales	*Lycogala*	*epidendrum (L.) Fr.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Liceales	*Lycogala*	*epidendrum (L.) Fr.*
Moon (Site 1) - Road 117 - North	T1S, R1E, Sec 3	Pennington	99-07-19	Liceales	*Lycogala*	*epidendrum (L.) Fr.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-23	Liceales	*Tubifera*	*ferruginosa (Batsch) J.F. Gmelin*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Liceales	*Tubifera*	*ferruginosa (Batsch) J.F. Gmelin*
Moon (Site 2) - .3 mile N of Moon 1	T1S, R1E, Sec 34	Pennington	99-07-19	Lichens	*Cetraria*	*pinastri (Scop.) S. Gray*
Alabaugh/East Falls Canyon Ridge	T8S, R4E, Sec 3 SE 1/4	Fall River	99-08-09	Lichens	*Cladonia*	*chlorophaea*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Lichens	*Cladonia*	*sp.*
Black Fox	T2N, R2E, Sec 11	Lawrence	99-08-16	Lichens	*Cladonia*	*sp.*
Boles Canyon	T3S, R1E, Sec 8	Custer	99-07-08	Lichens	*Cladonia*	*sp.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Lichens	*Cladonia*	*sp.*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Lichens	*Cladonia*	*sp.*
Moon (Site 1) - Road 117 - North	T1S, R1E, Sec 3	Pennington	99-07-19	Lichens	*Cladonia*	*sp.*
Moon (Site 2) - .3 mile N of Moon 1	T1S, R1E, Sec 34	Pennington	99-07-19	Lichens	*Cladonia*	*sp.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Lichens	*Cladonia*	*sp.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Lichens	*Cladonia*	*sp.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Lichens	*Cladonia*	*sp.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Lichens	*Cladonia*	*sp.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Lichens	*Cladonia*	*sp.*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Lichens	*Hypogymnia*	*physodes (L.) Nyl.*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-15	Lichens	*Icmadophila*	*ericetorum (L.) Zahlbr.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-06-11	Lichens	*Lepraria*	*membranacea*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-06-11	Lichens	*Lepraria*	*membranacea*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Lichens	*Leptogium*	*saturninum (Dicks.) Nyl.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-06-11	Lichens	*Parmelia*	*sulcata Tayl.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-06-16	Lichens	*Parmelia*	*sulcata Tayl.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-05-25	Lichens	*Parmelia*	*ulophyllodes (Vain.) Sav.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Lichens	*Parmelia*	*ulophyllodes (Vain.) Sav.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-08-09	Lichens	*Parmelia*	*ulophyllodes (Wain.) Sav.*
Moon (Site 2) - .3 mile N of Moon 1	T1S, R1E, Sec 34	Pennington	99-07-19	Lichens	*Parmeliopsis*	*hyperopta (Ach.) Am.*
Richmond Hill/Carbonate Ghost Town	T5N, R2E, Sec 10 SW 1/4	Lawrence	98-10-04	Lichens	*Peltigera*	*aphthosa (L.) Willd.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Lichens	*Peltigera*	*aphthosa (L.) Willd.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-06-16	Lichens	*Peltigera*	*aphthosa (L.) Willd.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Lichens	*Peltigera*	*canina (L.) Willd.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-03	Lichens	*Peltigera*	*canina (L.) Willd.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Lichens	*Peltigera*	*canina (L.) Willd.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Lichens	*Peltigera*	*canina (L.) Willd.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-06-12	Lichens	*Peltigera*	*canina (L.) Willd.*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Lichens	*Peltigera*	*canina (L.) Willd.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Lichens	*Peltigera*	*canina (L.) Willd.*

H	I	J	K	L	M	N
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	060E
Huffman, 1989	*Pinus ponderosa*	*Picea glauca*	Wood	Cattle	No	332E
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	168
Huffman, 1989	*Pinus ponderosa*	*Populus tremuloides*	Wood	Cattle	No	314E
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	No	097E
Huffman, 1989	*Pinus ponderosa*	*Populus tremuloides*	Wood	Cattle	No	374
Martin, 1949; Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous (Betula)	Not obs	No	205E
Martin, 1949	*Picea glauca*	*Pinus ponderosa*	Wood	Cattle	No	355
Hale, 1979; Wetmore, 1967	*Pinus ponderosa*	*Populus tremuloides*	Wood - conifer (Pinus bark)	Cattle	No	250E
Wetmore, 1967; Vitt, 1988	*Pinus ponderosa*	*Pinus ponderosa*	Moss	Not obs	No	263E
Wetmore, 1967	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	136E
Wetmore, 1967	*Betula glandulosa*	*Picea glauca*	Moss - Sphagnum	Not obs	No	286E
Wetmore, 1967	*Juniperus scopulorum*	*Cercocarpus montanus*	Soil	Cattle	No	353
Wetmore, 1967	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	033E
Wetmore, 1967	*Ostrya virginiana*	*Picea glauca*	Wood	Cattle	No	303E
Hale, 1979	*Pinus ponderosa*	*Populus tremuloides*	Wood	Cattle	No	248E
Wetmore, 1967	*Pinus ponderosa*	*Populus tremuloides*	Soil	Cattle	No	400
Wetmore, 1967	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	068E
Wetmore, 1967	*Picea glauca*	*Pinus ponderosa*	Moss	Not obs	No	298
Wetmore, 1967	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	066E
Wetmore, 1967	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	293
Hale, 1979	*Picea glauca*	*Pinus ponderosa*	Moss	Cattle	No	231E
Hale, 1979	*Ostrya virginiana*	*Picea glauca*	Wood	Cattle	No	494
Duncan, 1970	*Picea glauca*	*Picea glauca*	Wood	Not obs	No	138E
Vitt, 1988	*Picea glauca*	*Pinus ponderosa*	Rock	Not obs	No	76
Vitt, 1988	*Picea glauca*	*Pinus ponderosa*	Rock	Not obs	No	22
Wetmore, 1967; Hale, 1979	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous (Ostrya)	Not obs	No	412
Hale, 1979; Wetmore, 1967	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	77
Hale, 1979; Wetmore, 1967	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	No	78
Wetmore, 1967	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - conifer	Not obs	No	319
Hale, 1979; Wetmore, 1967	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - conifer	Not obs	No	054E
Hale, 1979	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - bark	Not obs	No	266E
Hale, 1979; Vitt, 1988	*Pinus ponderosa*	*Populus tremuloides*	Wood - conifer (Pinus bark)	Cattle	No	251E
Hale, 1979; Wetmore, 1967	*Pinus ponderosa*	*Populus tremuloides*	Moss, soil, wood	Cattle	No	152E
Hale, 1979	*Picea glauca*	*Pinus ponderosa*	Moss, soil, wood	Not obs	No	299
Hale, 1979; Wetmore, 1967	*Picea glauca*	*Pinus ponderosa*	Moss, soil, wood (conifer)	Cattle	No	79
Hale, 1979	*Picea glauca*	*Pinus ponderosa*	Moss, soil, wood	Not obs	No	490
Hale, 1979	*Picea glauca*	*Pinus ponderosa*	Moss, soil, wood	Not obs	No	290
Hale, 1979	*Picea glauca*	*Pinus ponderosa*	Moss, soil, wood	Not obs	No	132
Hale, 1979	*Populus tremuloides*	*Populus tremuloides*	Moss, soil, wood	Cattle	No	311
Hale, 1979	*Populus tremuloides*	*Populus tremuloides*	Moss, soil, wood (deciduous)	Cattle	No	81
Hale, 1979	*Ostrya virginiana*	*Picea glauca*	Moss, soil, wood	Cattle	No	492
Hale, 1979	*Picea glauca*	*Pinus ponderosa*	Moss, soil, wood (Picea glauca)	Cattle	No	253E

A	B	C	D	E	F	G
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Lichens	*Peltigera*	*canina (L.) Willd.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Lichens	*Pseudoparmelia*	*caperata (L.) Hale*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Lichens	*Usnea*	*cavernosa Tuck.*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-06-07	Lichens	*Usnea*	*cavernosa Tuck.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-06-16	Lichens	*Usnea*	*cavernosa Tuck.*
Black Fox	T2N, R2E, Sec 11	Lawrence	99-08-16	Lichens	*Usnea*	*cavernosa Tuck.*
Black Fox	T2N, R2E, Sec 11	Lawrence	99-08-16	Lichens	*Usnea*	*cavernosa Tuck.*
Rifle Pit Canyon (FS 806)	T50N, R60W, Sec 28	Crook (WY)	99-08-27	Lichens	*Usnea*	*cavernosa Tuck.*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-09-02	Lichens	*Usnea*	*cavernosa Tuck.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-06-15	Lichens	*Usnea*	*hirta (L.) Wigg*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Lichens	*Usnea*	*hirta (L.) Wigg*
Moon (Site 1) - Road 117 - North	T1S, R1E, Sec 3	Pennington	99-07-19	Lichens	*Usnea*	*hirta (L.) Wigg*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-06-07	Lichens	*Usnea*	*hirta (L.) Wigg*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	99-06-07	Lichens	*Usnea*	*hirta (L.) Wigg*
Rochford Cemetery	T2N, R3E, S 22 SW 1/4, S 27 NW 1/4	Pennington	98-06-16	Lichens	*Usnea*	*hirta (L.) Wigg*
Wagon Canyon (FS 805)	T50N, R60W, Sec 21	Crook (WY)	99-08-27	Lichens	*Usnea*	*hirta (L.) Wigg*
Moon (Site 2) - .3 mile N of Moon 1	T1S, R1E, Sec 34	Pennington	99-07-19	Lichens	*Usnea*	*sorediifera Motyka*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-05-25	Lichens	*Xanthoria*	*fallax (Hepp.) Arn.*
Boles Canyon	T3S, R1E, Sec 8	Custer	99-07-08	Lichens	*Xanthoria*	*fallax (Hepp.) Arn.*
Redbird Canyon	T3S, R1E, Sec 16	Custer	99-07-08	Lichens	*Xanthoria*	*fallax (Hepp.) Arn.*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-15	Lichens	*Xanthoria*	*polycarpa (Ehrh.) Oliv.*
Alabaugh/East Falls Canyon Ridge	T8S, R4E, Sec 3 SE 1/4	Fall River	99-06-24	Lycoperdales	*Astraeus*	*hygrometricus Persoon*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	99-08-18	Lycoperdales	*Calvatia*	*craniformis (Bosc.) Morg.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Lycoperdales	*Calvatia*	*craniformis (Bosc.) Morg.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-06-15	Lycoperdales	*Calvatia*	*cyathiformis (Bosc) Morgan*
Alabaugh/East Falls Canyon Ridge	T8S, R4E, Sec 3 SE 1/4	Fall River	98-06-15	Lycoperdales	*Calvatia*	*cyathiformis (Bosc) Morgan*
Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	99-08-21	Lycoperdales	*Calvatia*	*cyathiformis (Bosc) Morgan*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Lycoperdales	*Calvatia*	*cyathiformis (Bosc) Morgan*
Wild Horse Sanctuary	T9S, R4E, Sec 29	Fall River	98-06-26	Lycoperdales	*Calvatia*	*gigantea (Batsch:Pers.) Lloyd*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Lycoperdales	*Geastrum*	*campestre (Morgan) Kambly & Lee*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-05-25	Lycoperdales	*Geastrum*	*campestre (Morgan) Kambly & Lee*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-07-06	Lycoperdales	*Geastrum*	*fornicatum*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-06-16	Lycoperdales	*Geastrum*	*pectinatum*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Lycoperdales	*Geastrum*	*saccatum (Fr.)*
Spearfish Canyon (Bill's Canyon)	T3N, R2E, Sec 6	Lawrence	98-07-26	Lycoperdales	*Geastrum*	*saccatum (Fr.)*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-06-16	Lycoperdales	*Lycoperdon*	*foetidum*
Boles Canyon	T3S, R1E, Sec 8	Custer	99-07-08	Lycoperdales	*Lycoperdon*	*gunnii (Berkeley)*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Lycoperdales	*Lycoperdon*	*molle Pers.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Lycoperdales	*Lycoperdon*	*perlatum Pers.*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-15	Lycoperdales	*Lycoperdon*	*perlatum Pers.*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Lycoperdales	*Lycoperdon*	*perlatum (Fries) Fries*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Lycoperdales	*Lycoperdon*	*perlatum (Pers.)*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-06-15	Lycoperdales	*Lycoperdon*	*perlatum (Pers.)*

H	I	J	K	L	M	N
Hale, 1979	*Picea glauca*	*Pinus ponderosa*	Moss, soil, wood	Not obs	No	300
Hale, 1979	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	No	232E
Hale, 1979	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	131
Hale, 1979	*Pinus ponderosa*	*Pinus ponderosa*	Wood - conifer	Not obs	No	297
Wetmore, 1967	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	No	80
Wetmore, 1967	*Betula glandulosa*	*Picea glauca*	Wood	Not obs	No	470
Wetmore, 1967	*Betula glandulosa*	*Picea glauca*	Wood - deciduous (Betula)	Not obs	No	437
Hale, 1979	*Pinus ponderosa*	*Populus tremuloides*	Wood	Cattle	No	486
Wetmore, 1967	*Picea glauca*	*Picea glauca*	Wood - conifer	Not obs	No	149E
Hale, 1979	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - conifer	Not obs	No	133
Hale, 1979	*Ostrya virginiana*	*Picea glauca*	Wood	Cattle	No	491
Hale, 1979	*Pinus ponderosa*	*Populus tremuloides*	Wood	Cattle	No	488
Hale, 1979	*Pinus ponderosa*	*Pinus ponderosa*	Wood - conifer	Not obs	No	295
Hale, 1979	*Pinus ponderosa*	*Pinus ponderosa*	Wood - conifer	Not obs	No	296
Wetmore,	*Pinus ponderosa*	*Pinus ponderosa*	Wood - conifer	Not obs	No	82
Hale, 1979	*Pinus ponderosa*	*Populus tremuloides*	Wood	Cattle	No	487
Wetmore, 1967	*Pinus ponderosa*	*Populus tremuloides*	Wood - conifer (Pinus - living)	Cattle	No	249E
Hale, 1979	*Juniperus scopulorum*	*Pinus ponderosa*	*Ribes sp.*	Not obs	No	164E
Hale, 1979	*Juniperus scopulorum*	*Cercocarpus montanus*	Wood - conifer	Cattle	No	354
Hale, 1979	*Cercocarpus montanus*	*Juniperus scopulorum*	*Cercocarpus montanus*	Not obs	No	228E
Hale, 1979	*Picea glauca*	*Picea glauca*	Wood	Not obs	No	137E
Evenson, 1997	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	191E
Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	477
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	Yes	151
Smith, 1981	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	34
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	Yes	41
Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	461
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	Yes	160
Huffman, 1989	*Pinus ponderosa*	*Juniperus scopulorum*	Soil	Horses	Yes	028E
Smith, 1981	*Juniperus scopulorum*	*Pinus ponderosa*	Needles - juniper	Not obs	No	107
Smith, 1981	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	163E
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	229E
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	63
Smith, 1981	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	96
Huffman, 1989	*Picea glauca*	*Picea glauca*	Soil	Not obs	No	080E
Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	62
Cunningham, 1979	*Juniperus scopulorum*	*Cercocarpus montanus*	Soil	Not obs	No	227E
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	Yes	125E
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	Yes	124E
Phillips, 1991	*Picea glauca*	*Picea glauca*	Wood - conifer	Not obs	Yes	129E
Phillips, 1991	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	358
Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	228
Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	42

A	B	C	D	E	F	G
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	98-08-05	Lycoperdales	*Lycoperdon*	*perlatum (Pers.)*
Custer (Road to Outlaw Ranch)	T3S, R5E, Sec 4	Custer	99-08-28	Lycoperdales	*Lycoperdon*	*perlatum (Pers.)*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Lycoperdales	*Lycoperdon*	*perlatum (Pers.)*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Lycoperdales	*Lycoperdon*	*perlatum (Pers.)*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-08-09	Lycoperdales	*Lycoperdon*	*perlatum Persoon*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Lycoperdales	*Lycoperdon*	*perlatum Persoon*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-06-24	Lycoperdales	*Lycoperdon*	*perlatum Persoon*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-08-18	Lycoperdales	*Lycoperdon*	*perlatum Persoon*
Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	99-08-21	Lycoperdales	*Lycoperdon*	*perlatum Persoon*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	99-08-14	Lycoperdales	*Lycoperdon*	*perlatum Persoon*
Old Baldy Trail (West Loop)	T5N, R1E, Sec 32-33	Lawrence	98-09-26	Lycoperdales	*Lycoperdon*	*pyriforme Pers.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Lycoperdales	*Lycoperdon*	*pyriforme Pers.*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-05-22	Nidulariales	*Crucibulum*	*laeve (Huds.: Rehlan) Kambly*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-05-22	Nidulariales	*Crucibulum*	*laeve (Huds.: Rehlan) Kambly*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-08-10	Nidulariales	*Crucibulum*	*laeve (Huds.: Rehlan) Kambly*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-05-25	Pezizales	*Discina*	*perlata (Fries) Fries*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Pezizales	*Discina*	*perlata (Fries) Fries*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Pezizales	*Discina*	*perlata (Fries) Fries*
Big Hill - Trail D	T5N, R1E, Sec 12	Lawrence	99-05-22	Pezizales	*Gyromitra*	*gigas (Krombh.) Quel.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Pezizales	*Gyromitra*	*gigas (Krombh.) Quel.*
Alabaugh Canyon - East	T9S, R4E, Sec 29	Fall River	99-06-07	Pezizales	*Helvella*	*acetabulum*
Big Hill - Trail A	T5N, R1E, Sec 12	Lawrence	99-05-20	Pezizales	*Morchella*	*angusticeps Peck*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Pezizales	*Morchella*	*angusticeps Peck*
Alabaugh Canyon - East	T8S, R5E, Sec 20	Fall River	99-05-23	Pezizales	*Morchella*	*esculenta Fr.*
Wild Horse Sanctuary	T9S, R4E, Sec 29	Fall River	99-05-18	Pezizales	*Morchella*	*esculenta Fr.*
Englewood	T4N, R3E, Sec 29	Lawrence	98-07-25	Pezizales	*Pachyella*	*clypeata (Schw.) Le Gal*
Grigg's Gulch	T6N, R1E, Sec 25,26	Lawrence	99-08-23	Pezizales	*Peziza*	*repanda*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Pezizales	*Peziza*	*repanda Persoon*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-06-11	Pezizales	*Peziza*	*repanda Pers.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Pezizales	*Peziza*	*repanda Pers.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Pezizales	*Peziza*	*repanda Pers.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-23	Pezizales	*Scutellinia*	*scutellata (L: St. Amans) Lambotte*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Pezizales	*Scutellinia*	*scutellata (L: St. Amans) Lambotte*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-07-14	Pezizales	*Scutellinia*	*scutellata (L: St. Amans) Lambotte*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Pezizales	*Scutellinia*	*scutellata (L: St. Amans) Lambotte*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Pezizales	*Scutellinia*	*scutellata (L: St. Amans) Lambotte*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Pezizales	*Scutellinia*	*scutellata (L: St. Amans) Lambotte*
Englewood	T4N, R3E, Sec 29	Lawrence	98-07-25	Pezizales	*Scutellinia*	*scutellata (L: St. Amans) Lambotte*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-07-15	Pezizales	*Scutellinia*	*scutellata (L: St. Amans) Lambotte*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-07-07	Pezizales	*Scutellinia*	*scutellata (L: St. Amans) Lambotte*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Phallales	*Phallus*	*impudicus Persoon*
Sheridan Lake Road - 8100	T1N, R7E, Sec 29 SW 1/4 of SE 1/4	Pennington	99-07-01	Phallales	*Phallus*	*impudicus Persoon*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Physarales	*Fuligo*	*megaspora Sturgis*

H	I	J	K	L	M	N
Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	136
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	Yes	325E
Phillips, 1991	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	Yes	098E
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	Yes	199
Phillips, 1991	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	264E
Phillips, 1991	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	233E
Phillips, 1991	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	193E
Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	290E
Phillips, 1991	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	467
Phillips, 1991	*Picea glauca*	*Picea glauca*	Soil	Not obs	Yes	280E
Huffman, 1989	*Populus tremuloides*	*Betula papyrifera*	Wood	Cattle	Yes	244
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	Yes	126E
Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Wood - conifer	Cattle	No	266
Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Wood - deciduous	Cattle	No	265
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	211
Dennis, 1978	*Juniperus scopulorum*	*Pinus ponderosa*	Soil in moss	Not obs	No	276
Dennis, 1978; Arora, 1986	*Picea glauca*	*Pinus ponderosa*	Soil in moss	Not obs	No	301
Dennis, 1978	*Picea glauca*	*Pinus ponderosa*	Moss & soil	Cattle	No	169E
Smith, 1981	*Picea glauca*	*Pinus ponderosa*	Soil	Cattle	No	268
Smith, 1981	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	302
Arora, 1986	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	172E
Huffman, 1989	*Populus tremuloides*	*Pinus ponderosa*	Soil	Cattle	Yes	263
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	Yes	308
Phillips, 1991	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	Yes	161E
Phillips, 1991	*Pinus ponderosa*	*Juniperus scopulorum*	Soil	Horses	Yes	160E
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	077E-B
Arora, 1986	*Ostrya virginiana*	*Picea glauca*	Wood - deciduous (Ostrya)	Cattle	No	304E
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Soil & wood	Not obs	No	417
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	24
Arora, 1986	*Populus tremuloides*	*Populus tremuloides*	Soil	Cattle	No	203E
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Soil & wood	Cattle	No	317
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Soil	Not obs	No	181E
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	418
Phillips, 1991	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	240E
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	111E
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	036E
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	165
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	077E-A
Huffman, 1989	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Not obs	No	063E
Huffman, 1989	*Picea glauca*	*Picea glauca*	Wood - conifer	Not obs	No	030E
Evenson, 1997; Huffman, 1989	*Juniperus scopulorum*	*Pinus ponderosa*	Soil	Not obs	No	058E
Laessoe, 1996	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Horses	No	218E
Martin, 1949	*Juniperus scopulorum*	*Pinus ponderosa*	Needles - juniper & soil	Not obs	No	363

A	B	C	D	E	F	G
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-08-09	Physarales	*Fuligo*	*megaspora Sturgis*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Physarales	*Fuligo*	*megaspora Sturgis*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Physarales	*Fuligo*	*megaspora Sturgis*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-05-25	Physarales	*Fuligo*	*megaspora Sturgis*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-06-24	Physarales	*Fuligo*	*megaspora Sturgis*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Physarales	*Fuligo*	*megaspora Sturgis*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Physarales	*Fuligo*	*megaspora Sturgis*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Physarales	*Fuligo*	*megaspora Sturgis*
Boles Canyon	T3S, R1E, Sec 8	Custer	99-07-08	Physarales	*Fuligo*	*megaspora Sturgis*
Boles Canyon (Trail to Fanny Peak)	T3S, R1E, Sec 6-7	Custer	99-09-05	Physarales	*Fuligo*	*megaspora Sturgis*
Redbird Canyon	T3S, R1E, Sec 16	Custer	99-07-08	Physarales	*Fuligo*	*megaspora Sturgis*
Redbird Canyon (Side canyon)	T3S, R1E, Sec 16	Custer	99-09-04	Physarales	*Fuligo*	*megaspora Sturgis*
Redbird Canyon (Side canyon)	T3S, R1E, Sec 16	Custer	99-09-04	Physarales	*Fuligo*	*megaspora Sturgis*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Physarales	*Fuligo*	*septica (L.) Weber*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-07-13	Physarales	*Fuligo*	*septica (L.) Weber*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-06-24	Physarales	*Fuligo*	*septica (L.) Weber*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	99-07-12	Physarales	*Fuligo*	*septica (L.) Weber*
Alabaugh Canyon	T8S, R5E, Sec 20 NW 1/4	Fall River	98-08-12	Physarales	*Fuligo*	*septica (L.) Weber*
Boles Canyon (Trail to Fanny Peak)	T3S, R1E, Sec 6-7	Custer	99-09-05	Physarales	*Fuligo*	*septica (L.) Weber*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-07-08	Physarales	*Fuligo*	*septica (L.) Weber*
Redbird Canyon (Side canyon)	T3S, R1E, Sec 16	Custer	99-09-04	Physarales	*Fuligo*	*septica (L.) Weber*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-30	Physarales	*Mucilago*	*crustacea*
Big Hill - Trail C	T5N, R2E, Sec 7-8, Sec 4-5	Lawrence	98-04-25	Physarales	*Physarum*	*diderma Rost. Monog.*
Sheridan Lake Road - 8100	T1N, R7E, Sec 29 SW 1/4 of SE 1/4	Pennington	98-08-20	Pleosporales	*Parodiella*	sp.
Wild Horse Sanctuary	T9S, R4E, Sec 29	Fall River	98-08-01	Pleosporales	*Parodiella*	sp.
Old Baldy Trail	T5N, R1E, S 28 SW 1/4, S 33 NW 1/4	Lawrence	98-06-06	Rhytismatales	*Cryptomycina*	*pteridis (Rebentisch ex Fr) von Hohn*
Custer (Road to Outlaw Ranch)	T3S, R5E, Sec 4	Custer	99-08-28	Sphaeriales	*Hypomyces*	*lactifluorum (Schw. ex Fr.) Tul.*
Slate Creek	T1N, R4E, Sec 10 NW 1/4	Pennington	99-09-11	Sphaeriales	*Hypomyces*	*lactifluorum (Schw. ex Fr.) Tul.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-07-14	Stemonitales	*Stemonitis*	*fusca*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-08-16	Stemonitales	*Stemonitis*	*fusca*
Big Hill - Trail B	T5N, R1E, Sec 12	Lawrence	99-07-21	Tremellales	*Calocera*	*cornea*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Tremellales	*Guepiniopsis*	*alpinus (Tracy & Earle) Brasfield*
Big Hill - Trail C	T5N, R2E, Sec 18 NE 1/16	Lawrence	98-04-25	Tremellales	*Tremella*	*mesenterica (S.F. Gray) Pers.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-08-12	Tremellales	*Tremella*	*mesenterica (S.F. Gray) Pers.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-06-03	Tremellales	*Tremella*	*mesenterica (S.F. Gray) Pers.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Tremellales	*Tremella*	*mesenterica (S.F. Gray) Pers.*
Botany Bay	T5N, R2E, Sec 4	Lawrence	98-08-06	Tremellales	*Tremella*	*mesenterica (S.F. Gray) Pers.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Tremellales	*Tremella*	*mesenterica (S.F. Gray) Pers.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	99-06-09	Tremellales	*Tremella*	*mesenterica (S.F. Gray) Pers.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	99-06-07	Tremellales	*Tremella*	*mesenterica (S.F. Gray) Pers.*
Rochford-USFS Rd. 127-1B	T2N, R3E, Sec 22 EC 1/4	Pennington	98-06-16	Tremellales	*Tremella*	*mesenterica (S.F. Gray) Pers.*
Spearfish Canyon	T4N, R2E, Sec 21	Lawrence	98-08-15	Tremellales	*Tremella*	*mesenterica (S.F. Gray) Pers.*
Eleventh Hour	T5N, R1E, Sec 12	Lawrence	98-08-05	Tremellales	*Tremella*	*reticulata (Berk.) Farlow*

H	I	J	K	L	M	N
Farr, 1981	*Juniperus scopulorum*	*Pinus ponderosa*	Needles - juniper	Not obs	No	265E
Martin, 1949	*Juniperus scopulorum*	*Pinus ponderosa*	Needles - juniper	Not obs	No	143E
Farr, 1981	*Juniperus scopulorum*	*Pinus ponderosa*	Needles - juniper	Not obs	No	234E
Farr, 1981	*Juniperus scopulorum*	*Pinus ponderosa*	Needles - juniper	Not obs	No	162E
Farr, 1981	*Juniperus scopulorum*	*Pinus ponderosa*	Needles - juniper	Not obs	No	182E
Farr, 1981	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - pine cone	Not obs	No	235E
Martin, 1949	*Juniperus scopulorum*	*Pinus ponderosa*	Needles - juniper	Not obs	No	056E-B
Martin, 1949	*Juniperus scopulorum*	*Pinus ponderosa*	Needles - juniper	Not obs	No	110
Farr, 1981	*Juniperus scopulorum*	*Cercocarpus montanus*	Needles - juniper	Not obs	No	224E
Farr, 1981; Martin, 1949	*Cercocarpus montanus*	*Juniperus scopulorum*	Soil	Not obs	No	498
Farr, 1981	*Cercocarpus montanus*	*Juniperus scopulorum*	Needles - juniper	Not obs	No	223E
Farr, 1981; Martin, 1949	*Cercocarpus montanus*	*Juniperus scopulorum*	Soil	Not obs	No	500
Farr, 1981; Martin, 1949	*Cercocarpus montanus*	*Juniperus scopulorum*	Wood - conifer (Pinus)	Not obs	No	510
Martin, 1949	*Juniperus scopulorum*	*Pinus ponderosa*	Needles - juniper	Not obs	No	056E-A
Farr, 1981; Martin, 1949	*Juniperus scopulorum*	*Pinus ponderosa*	Needles - juniper	Not obs	No	106
Farr, 1981	*Juniperus scopulorum*	*Pinus ponderosa*	Soil & wood debris	Not obs	No	190E
Farr, 1981; Martin, 1949	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - conifer	Not obs	No	364
Farr, 1981; Martin, 1949	*Juniperus scopulorum*	*Pinus ponderosa*	Wood - conifer	Not obs	No	142E
Martin, 1949	*Cercocarpus montanus*	*Juniperus scopulorum*	Soil	Not obs	No	497
Farr, 1981; Martin, 1949	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	045E
Martin, 1949	*Cercocarpus montanus*	*Juniperus scopulorum*	Soil	Not obs	No	499
Farr, 1981	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	334
Farr, 1981; Martin, 1949	*Populus tremuloides*	*Pinus ponderosa*	Vegetation	Not obs	No	2
Farr, 1989	*Pinus ponderose*	*Pinus ponderosa*	*Psoralea tenuiflora*	Horses	No	150E
Farr, 1989	*Pinus ponderosa*	*Juniperus scopulorum*	*Psoralea tenuiflora*	Not obs	No	082E
Bache-Wiig, 1940	*Populus tremuloides*	*Betula papyrifera*	*Pteridium aquilinum*	Cattle	No	8
Phillips, 1991	*Pinus ponderosa*	*Pinus ponderosa*	Soil	Not obs	No	324E
Phillips, 1991	*Pinus ponderosa*	*Picea glauca*	Soil	Cattle	No	331E
Farr, 1981	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	243E
Farr, 1981	*Picea glauca*	*Pinus ponderosa*	Wood	Cattle	No	284E
Horn, 1993	*Populus tremuloides*	*Pinus ponderosa*	Wood	Cattle	No	388
Evenson, 1997	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	303
Miller, 1977	*Populus tremuloides*	*Pinus ponderosa*	Wood - conifer	Cattle	Yes	1
Miller, 1977	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	No	273E
Horn, 1993	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	280
Miller, 1977	*Picea glauca*	*Pinus ponderosa*	Wood - deciduous	Not obs	Yes	106E
Miller, 1977	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	Yes	173
Miller, 1977	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous	Cattle	Yes	096E
Laessoe, 1996	*Populus tremuloides*	*Populus tremuloides*	Wood - deciduous (Populus)	Cattle	No	177E
Laessoe, 1996	*Picea glauca*	*Pinus ponderosa*	Wood	Cattle	No	168E
Miller, 1977	*Picea glauca*	*Pinus ponderosa*	Wood - conifer	Cattle	Yes	49
Miller, 1977	*Picea glauca*	*Picea glauca*	Wood - conifer	Not obs	Yes	128E
Huffman, 1989	*Populus tremuloides*	*Populus tremuloides*	Wood	Cattle	No	167

A	B	C	D	E	F	G
Redbird Canyon (Side canyon)	T3S, R1E, Sec 16	Custer	99-09-04	Tulostomatales	*Tulostoma*	*brumale*
Higgins Gulch	T6N, R1E, Sec 24	Lawrence	98-09-11	Uredinales	*Phragmidium*	sp.
Botany Bay	T5N, R2E, Sec 4	Lawrence	99-07-14	Xylariales	*Hypoxylon*	sp. (Bulliard ex Fries)

H	I	J	K	L	M	N
Arora, 1986	*Cercocarpus montanus*	*Juniperus scopulorum*	Soil	Not obs	No	502
Farr, 1989	*Ostrya virginiana*	*Picea glauca*	*Potentilla sp.*	Cattle	No	151E
Dennis, 1978	*Picea glauca*	*Pinus ponderosa*	Wood	Not obs	No	242E