



**YELLOWSTONE NATIONAL PARK
2006 ANNUAL TECHNICAL REPORT**
prepared by
**United States Department of Agriculture
Natural Resources Conservation Service
Bridger Plant Materials Center**



Woodward Flail-vac stripping YNP needle and thread *Hesperostipa comata*

TABLE OF CONTENTS

SUBJECT	SECTION
INTRODUCTION & SUMMARY.....	I.
ACCESSIONS & INVENTORY.....	II.
POMS LOT INVENTORY.....	III.
SEED CONDITIONING.....	IV.
COLLECTION INFORMATION.....	V.
SEED PRODUCTION.....	VI.
SEED & PLANT DISTRIBUTION.....	VII.
TRIALS.....	VIII
TECHNOLOGY.....	IX

I. INTRODUCTION & SUMMARY INFORMATION

United States Department of Agriculture



Natural Resources Conservation Service
Federal Building, Room 443
10 East Babcock Street
Bozeman, MT 59715

Phone: (406) 587-6731
Fax: (406) 587-6808
e-mail: pam.matthews@mt.usda.gov

September, 2006

Jeffrey W. Sneddon
USDI, National Park Service
Yellowstone National Park
PO box 168
Yellowstone National Park, 82109

Dear Mr. Sneddon:

Enclosed is the your signed agreement number AI1574040220/67-0325-4-109 for seed collection and propagation. I retained one original for our files.

If you have any questions you may contact me at (406) 587-6731.

Sincerely,

A handwritten signature in cursive script that reads "Pamela Matthews".

PAMELA MATTHEWS
Contract Specialist

Enclosures: Modification 02 to IA1574040220/67-0325-4-109

cc: PMC w/copy

**Supplemental Agreement
To
Interagency Agreement
Between
National Park Service
And Natural Resources Conservation Services**

Task Agreement: IA1574040220/Modification 02
Effective Date: October 1, 2005 through September 30, 2006

PROVIDE PROJECT FUNDING UNDER INTERAGENCY AGREEMENT/MASTER
INTERAGENCY AGREEMENT NUMBER: IA1574040220 67-0325-04-109

COOPERATOR: US Department of Agriculture
(Name and Address) Bridger Plant Materials Center
Rural Route #2, Box 1189
Bridger, MT 59104

Project Title: Seed collection and storage for park revegetation projects for FY-2006.

FISCAL YEAR 2007 FUNDING: Account Number: 2006-1581-252R-MZG-0001
Total: \$5,000.00
Requisition Number: R1581060040

The Scope of Work Is:

Attached Hereto and Incorporated Herein
 Previously Defined and Included in the (Master) Cooperative Agreement

The Cooperator's Proposal Is:

Attached Hereto and Incorporated Herein
 Previously Defined and Included in the (Master) Cooperative Agreement

This Agreement/Amendment is subject to all General Provisions included in the Cooperative Agreement/Master Cooperative Agreement dated 12/01/03. The term of the Cooperative Agreement/Master Cooperative Agreement is from 12/01/03 to 09/30/08.

COOPERATOR

Signature: *Baert Huber*
Name: Baert Huber
Title: State Administrative Officer
Date: 9/12/06

NATIONAL PARK SERVICE

Signature: *JW Sneddon*
Name: Jeffrey W. Sneddon
Title: Contracting Officer
Date: 08/30/06

-0: 7/13
9/13
7/13



Natural Resources Conservation Service
Federal Building, Room 443
10 East Babcock Street
Bozeman, MT 59715

September 16, 2004

Mark Davidson
National Park Service
PO Box 168
Yellowstone National Park, Wyoming 82190

Dear Mr. Davidson:

Enclosed is an executed original of Interagency Agreement number IA1574040220 and NRCS number 67-0325-4-109 between The Department of Interior, National Park Service and The Department of Agriculture, Natural Resources Conservation Service for seed propagation. We retained the other original for our file.

If you have any questions please call me at (406) 587-6731.

Sincerely,

A handwritten signature in cursive script that reads "Pamela Matthews".

PAMELA MATTHEWS
Contract Specialist

Enclosure

cc w/enclosure: Mark Majerus, Plant Material Center Manager, Bridger, MT



IN REPLY REFER TO:

United States Department of the Interior

NATIONAL PARK SERVICE
P O Box 168
Yellowstone National Park
Wyoming 82190

2004 SEP 14 AM 10: 22

A44 (YELL)

September 7, 2004

Ms. Mark Majerus
United States Department of Agriculture
Bridger Plant Materials Center
Rural Route #2 Box 1189
Bridger, Montana 59104

Subject: NPS Agreement #IA1574040220

Dear Mr. Majerus:

Enclosed are two originals of subject agreement for the Park's obligation for seed collection, propagation and other related services. The National Park Service has executed these originals. Please have both of these originals signed and return one to me. The other is for your records. We look forward to continuing to work with you. If you have any questions, you may contact me at (307) 344-2080.

Sincerely,

Mark Davidson
Contracting Officer

Enclosures

AGREEMENT NO.: IA1574040220
NRCS NO: 67-0325-4-109

INTERAGENCY AGREEMENT
Between
NATIONAL PARK SERVICE
and
USDA, NATURAL RESOURCES CONSERVATION SERVICE

ARTICLE I: BACKGROUND AND OBJECTIVES

This Agreement is between Yellowstone National Park of the U.S. Department of the Interior (hereinafter called the NPS) and the Natural Resources Conservation Service of the U.S. Department of Agriculture (Hereinafter called the NRCS), under the authority of the Economy Act.

Whereas, the NRCS, in carrying out its assigned responsibilities under applicable legislation, has need for certain information and materials that may be obtained as a result of this cooperative Agreement, has certain resources available, but does not have sufficient resources available to obtain the desired information within the period specified in this Agreement;

Whereas, the NPS has requested certain information and plant materials that are presently unavailable, and within the limits of its resources, is willing to reimburse the NRCS for the costs of obtaining such information and plant materials within the period specified in this Agreement;

The NPS requires that only seed collected from within park boundaries be utilized in revegetating park lands.

Major road construction involving disturbances of park lands is occurring for which there is insufficient seed source.

The NPS does not have the personnel, equipment, or expertise to generate quantities of required seed.

The NRCS has the personnel and is equipped to identify, collect, clean, and propagate quantities of seed sufficient to meet NPS needs within the necessary time frame and the NRCS can conduct experimental testing on several species to determine methods of propagation for later use.

The NPS and NRCS deem it mutually advantageous to cooperate in this undertaking and hereby agree as follows:

ARTICLE II: STATEMENTS OF WORK

The NRCS agrees to the following services in relation to non-Federal Highway Administration projects:

Provide technical expertise, including field and laboratory assistance, in the identification, collection, cleaning, and propagation of plant materials required by the NPS in its seed bank program.

Assist in the selection and operation of any specialized equipment required during the period of time identified under the Agreement.

Provide isolated growing areas for all park seed to maintain the genetic integrity of the plant material.

Accommodate two types of plant materials: type "A", those which are to be propagated in quantities for planting in the park, and type "B", those which are experimental and will be planted in smaller quantities for possible propagation at a later date.

The NPS agrees to:

Provide day labor in sufficient man-hours, with appropriate tools, equipment, and transportation to collect the seed under NRCS's direction.

Reimburse the NRCS for the costs incurred in the development of plant materials and information applicable to revegetation of disturbed areas in Yellowstone National Park including Plant collection, seed conditioning, seed production, shipping costs and administration costs.

It is mutually agreed that:

A. All information obtained under the terms of this Agreement shall be public property.

B. This Agreement may be modified by amendment duly executed by authorized officials of the NPS and the NRCS.

ARTICLE III: TERMS OF AGREEMENT

This agreement is in effect from the date of the last approving signature until the end of fiscal year 2004. This agreement may be renewed by modification on an annual basis to continue for a period of four additional fiscal years. This agreement will be reviewed at the end of the five-year period to determine whether it should be renewed, modified or terminated. The 5-year period under which the agreement shall be effective is from fiscal Year 2004 through fiscal Year 2008.

ARTICLE I V. KEY OFFICIALS

NPS: Eleanor Clark, Chief, Planning and Landscape Architecture
PO Box 168
Yellowstone National Park WY 82190
(307)344-2315

NRCS: Mark Majerus, Manager
NRCS, Bridge Plant Materials Center
Rural Route 2, Box 1189
Bridger, MT 59014
(406) 662-3579

ARTICLE V: PAYMENT

The NPS agrees to reimburse the NCRS for the costs incurred in the development of plant materials and information applicable to revegetation of disturbed areas in Yellowstone National Park to include:

A. Technical services of NCRS and contract personnel included herein, and costs of salaries and allied benefits such as leave, holidays, retirement, health benefits, and life insurance;

B. Clerical and typing services, including costs, salaries, and personnel benefits mentioned above;

C. Travel, transportation, and subsistence costs of personnel conducting the studies; and

D. Supplies and materials needed to conduct the studies.

The NPS agrees to reimburse the NRCS quarterly for costs incurred by the NRCS during the quarter for which billings are submitted. Payment will be made by OPAC, NPS Billing Code 14-10-0099, in an amount ^{Not} to exceed the estimated annual obligation.

Funding for each Fiscal Year beyond the current fiscal year will be made by amendment to this Agreement, subject to availability of funds. This basic agreement funds this year in the amount set forth below. Actual and estimated funding through end of each fiscal year is as follows:

<u>Year</u>	<u>Account</u>	<u>Amount</u>
FY-2004:	1574-0001-MZG-252R	\$5,000.00
FY-2005:	To be determined	\$5,000.00 Est.
FY-2006:	" " "	\$5,000.00 Est.
FY-2007:	" " "	\$5,000.00 Est.
FY-2008:	" " "	\$5,000.00 Est.

Changes in future Fiscal Year funding will be determined in an annual work plan and budget to become an addendum to this Agreement.

The NRCS agrees to absorb from its own appropriations that portion of the cost of this undertaking not covered by the amounts to be reimbursed the NRCS, as agreed to above.

ARTICLE VI: PROPERTY MANAGEMENT AND DISPOSITION

All property purchased using NPS funds shall be managed by NPS according to NPS guidelines and shall remain NPS property at the conclusion of the study.

ARTICLE VII: PRIOR APPROVAL

Not Applicable.

ARTICLE VIII: REPORTS

Data collected and reports generated by the NRCS concerning this study

will be sent to the NPS, Yellowstone National Park.

ARTICLE IX: TERMINATION

This Agreement may be terminated at any time by either or both parties. Written notice indicating a desire for termination shall be submitted not less than 60 days in advance of the effective date of the desired action.

ARTICLE X: AUTHORIZING SIGNATURES

NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK

Signature: *Mark Davidson*
Name: Mark Davidson
Title: Contracting Officer
Date: 9/27/04

Signature: *Suzanne Lewis*
Name: Suzanne Lewis
Title: Superintendent
Date: 8/30/04

UNITED STATES DEPARTMENT OF AGRICULTURE
NATURAL RESOURCES CONSERVATION SERVICE

Signature: *Dave White*
Name: DAVE WHITE
Title: State Conservationist
Date: 9-16-04



Natural Resources Conservation Service
Federal Building, Room 443
10 East Babcock Street
Bozeman, MT 59715

January 9, 2004

Russell Haas
NRCS Plant Materials Technical Advisor – NPS
PO Box 1458
Bismark, ND 50502-1458

Dear Mr. Haas,

Enclosed are four fully executed copies of IA No. 1211-04-003 (NRCS No. 67-0325-04-14) for collecting, evaluating, growing and increasing of plant materials for Yellowstone National Park. I have retained one copy of the agreement for my records and forwarded a copy to our Plant Materials Center in Bridger, MT.

Please forward any future amendments to the agreement directly to my attention at:

Marsha Harris
USDA – NRCS
Federal Building, Room 443
10 East Babcock Street
Bozeman, MT 59715

If you have any questions, please call me at (406) 587-6859 or send an e-mail message to marsha.harris@mt.usda.gov.

Sincerely,

A handwritten signature in black ink that reads "Marsha K. Harris".

MARSHA K. HARRIS
Contracting Officer

Enclosure

cc w/enclosure: Mark Majerus, Plant Materials Center Manager, NRCS, Bridger, MT

INTERAGENCY AGREEMENT

Between

USDA NATURAL RESOURCES CONSERVATION, MONTANA
And

USDI-NATIONAL PARK SERVICE
YELLOWSTONE NATIONAL PARK

Issued Under NPS IA No. 0773-0-9001 and NRCS IA No. A-3A75-9-134

Authority: Economy Act of 1932, 31 U.S.C.1535
Relative to: Collecting, evaluating, growing and increasing of plant materials.

In Reference to: IA No. 1211-04-003 / NRCS No. 67-0325-04-14
Date: November 24, 2003

ARTICLE I- BACKGROUND AND OBJECTIVES

This agreement is made between the National Park Service, Yellowstone National Park of the U.S. Department of Interior (hereinafter called NPS) and the Natural Resources Conservation Service, Montana. (Hereinafter called NRCS)

The NPS and NRCS have a common objective of the conservation and wise use of land, water, plants and related resources.

The NPS, in managing the Yellowstone National Park, has a need to preserve the native plant resources and revegetate parklands. The NPS requires that revegetation of park lands utilize germplasm from within park boundaries where possible to maintain the genetic resources within the park. The NPS does not have the personnel, expertise, or equipment needed to propagate quantities of the required seed and plants.

The NRCS has the personnel and is equipped to propagate and clean quantities of seed sufficient to meet the NPS needs within the required time frame, and conduct evaluations on plant species to determine adaptation and cultural requirements for establishment.

The NPS has requested certain information and plant materials that are presently unavailable and is willing to reimburse the NRCS for the costs of obtaining such information and plant materials within the time frame specified in this agreement.

The NPS and NRCS deem it mutually advantageous to cooperate in this undertaking and hereby agree as follows:

ARTICLE II- STATEMENTS OF WORK

NPS agrees to:

- A. Provide needed seed stock to the NRCS for planting and increased production
- B. Reimburse the NRCS quarterly for costs incurred for the increase of plant materials and information applicable to revegetation of disturbed areas in Yellowstone National Park for items as described below:

Estimated Costs:

<u>FY</u>	<u>2004</u>	<u>2005</u>	<u>2006</u>	<u>2007</u>	<u>2008</u>
1) Seed production *	20,000	20,000	20,000	20,000	20,000
2) Seed processing**	13,500	13,500	13,500	13,500	13,500
3) Plant production	1,000	1,000	1,000	1,000	1,000
5) Shipping Costs	1,000	1,000	1,000	1,000	1,000
6) Assistance/Consult.	7,000	7,000	7,000	7,000	7,000
7) Administration Cost	<u>7,500</u>	<u>7,500</u>	<u>7,500</u>	<u>7,500</u>	<u>7,500</u>
Subtotal	\$50,000	\$50,000	\$50,000	\$50,000	\$50,000
Grand Total	\$250,000				

*Includes: Materials, equipment, and labor for seedbed preparation, seeding, weed control, roguing, irrigation and harvesting

** Includes: Materials, equipment and labor for seed cleaning, storage and testing.

NRCS agrees to:

- A. Provide technical expertise, including field and laboratory assistance at the Bridger Montana PMC in the growing, cleaning and transplanting of plant materials required by the NPS under this program.
- B. Provide isolated growing areas for seed collected in the park and maintain genetic integrity of the plant materials; maintain the fields for optimum seed production; harvest, process, test and store the resulting seed in an environment controlled facility.
- C. Propagate seeds and transplants of selected species as described on attachment 1 and ship them to Yellowstone National Park at a time period agreed upon by NPS and NRCS. Species may be added to this list by amending attachment 1 signed by the approving State Conservationist (s) and the Park Superintendent or their designee.
- D. Arrange for and incur shipping costs of plant materials to the Park.

ARTICLE III- REPORTS

NRCS agrees to:

Prepare annual technical reports on data collected concerning this work and send a copy to the National Park Service, Yellowstone National Park (Attention: Eleanor Clark, Landscape Architect)

ARTICLE IV – TERM OF AGREEMENT

This agreement becomes effective on the date of the last signature and will remain in effect until September 30, 2008 at which time the agreement will be reviewed to determine whether it should be renewed, modified, or terminated.

All possible actions will be taken to fulfill this agreement. However, conditions due to weather, insect damage, seed viability, and other acts beyond the control of the NRCS may result in the NRCS not meeting production goals. In this event, the NRCS will meet the NPS to adjust the existing contract. Adjustments to the agreement will be based on NPS needs and NRCS capabilities to meet these needs given the unexpected contingencies.

ARTICLE V – KEY OFFICIALS

National Park Service:

Suzanne Lewis
Superintendent
Yellowstone National Park
P.O. Box 168
Yellowstone, WY 82190
Phone: 307-344-2002

Eleanor Clark
Landscape Architect
Yellowstone National Park
P.O. Box 168
Yellowstone, WY 82190
Phone: 307-344-2315

Natural Resources Conservation Service

David White
State Conservationist
10 East Babcock Street, Room 443
Bozeman, Montana 59715-4704
Phone: 406-587-6813

Mark Majerus
Plant Materials Center Manager
Route 1, Box 1189
Bridger, MT 59014-9718
Phone: 406-662-3579

ARTICLE VI - PAYMENT

The NPS agrees to reimburse NRCS for costs incurred during the period for which billings are submitted. The cost as shown "Estimated Cost" in ARTICLE II will include supplies, utilities, travel, transportation, equipment maintenance, personnel services and overhead as appropriate. Billing will be made by On-Line Payment/Administration Collection (OPAC) addressed to National Park Service, Denver Service Center, (to the attention of the Project Manager). Funding for each fiscal year will be made by authorization letter, subject to availability of funds.

ARTICLE VII - TERMINATION

This agreement may be terminated at any time by either party upon written notice indicating a desire to terminate. Such notice shall be submitted no later than 90 days in advance of the effective date of the desired action.

ARTICLE VIII - IT IS MUTUALLY AGREED THAT:

A. This agreement may be modified by written amendments duly executed by authorized officials of the NPS and NRCS.

B. It is the intent of the NPS and NRCS to fulfill their obligations in this agreement. In the event that funds for NRCS or NPS to carry out their obligations as set forth in this agreement are not appropriated, this agreement will automatically terminate and reimbursement will be made for work completed before termination.

C. Officials not to benefit: No member of or delegate to Congress or Resident Commissioner shall be admitted to any share or to any benefit that may arise therefrom, but this provision shall not be construed to extend to this agreement if made with a corporation for its general benefit.

D. By signing this agreement, the participant assures the Department of Agriculture That the program or activities provided for under this agreement will be conducted in compliance with all applicable Federal Civil Rights laws, rules, regulations, and policies.

E. All seed, plants and other propagules resulting from this agreement are from Yellowstone National Park germplasm and therefore property of the National Park Service and Yellowstone National Park. As projects are completed and materials are no longer needed, all existing seed, plants or other propagules will be provided to Yellowstone National Park or destroyed as mutually agreed upon.

In witness whereof, each party has caused this agreement to be executed by an authorized official on the day of the year set forth by their signatures.

**Department of the Interior
National Park Service**

Approved: *Suzanne Lewis*
Superintendent, Yellowstone NP

12-10-03
Date

Concurred: *Sean Clifford*
Project Manager, Denver Service Center

12/11/03
Date

Concurred: *Edward C. Coffey*
Contracting Officer, Denver Service Center

12/1/2003
Date

**Department of Agriculture
Natural Resources Conservation Service**

Approved: *[Signature]*
State Conservationist, Montana

1-6-04
Date

Approved: *Julie A. Crew*
Regional Administrative Officer

1-8-04
Date



**YELLOWSTONE NATIONAL PARK
2006 Summary Report**

prepared by

**Natural Resources Conservation Service
Bridger Montana Plant Materials Center**

INTRODUCTION: The Bridger PMC has maintained a cooperative agreement with Yellowstone National Park (YNP) since FY 1986. This agreement facilitates the collection, increase, and reestablishment of indigenous plant material for restoration of disturbances resulting from road construction and other improvement projects within Park boundaries.

In 2006, 8 allocations of 89 seed lots from 42 species were distributed to YNP, YNP-contracted growers, or to the PMC totaling 414 pounds (188 kg). This included 48 grass lots (13 species) weighing 390 pounds (177 kg); 38 forb lots (26 species) weighing 7.5 pounds (3.4 kg); and 3 woody lots (3 species) weighing 16 pounds (7.3 kg). This includes the distribution of 5 grass lots (5 species) to the PMC for planting seed increase fields.

ACCOMPLISHMENTS: Yellowstone National Park has identified future road projects allowing collection and production efforts to begin at least 3 years in advance of each project.

Wildland seed collections are made by Yellowstone National Park crews, dried, and either delivered to the Bridger PMC, or picked up by PMC personnel. In 2006, 58 collections were made from 38 species: 17 grasses (12 species) at 9.6 pounds (4.4 kg); 40 forbs (25 species) at 7.4 pounds (3.3 kg); and 1 tree at 0.2 pound (0.09 kg). The wildland seed collections totaled 17 pounds (7.8 kg).

Records are maintained by the PMC of person-hours to collect each seed lot, from which the approximate cost of collecting native seed can be estimated. In 2006, YNP personnel spent more than 137 person hours in the activity of seed collection on 12 different sites. There were 38 hours (approximately 2.2 hours per collection) dedicated to collecting grass seed on 7 sites, 97 hours (approximately 2.4 hours per collection) for forbs on 12 sites, and 2 hours at 1 site for a tree species.

There were 5 grass increase blocks of 5 species planted on 1.6 acres (.58 ha) in 2006. Seed increase blocks of 9 grasses on 1.54 acres (.62 ha), and a forb on .18 acre (0.07 ha), were removed due to natural decline in production or poor establishment. Currently there are 3.8 acres planted with 16 accessions of 10 grass species and 0.03 acres (.01 ha) of 1 forb species in seed increase blocks at the Bridger PMC.

During the past growing season, 19 grass accessions (10 species) and 2 forb species were harvested on 3.5 acres (1.4 ha), producing 505 pounds (229 kg) of clean seed. Grass seed production averaged approximately 147 lb ac⁻¹ (165 kg ha⁻¹).

Purity analysis and tetrazolium viability tests were conducted on PMC seed increase production for 15 grass accessions. All samples were cleaned to exceed purity standards set forth for foundation seed class as established by the Association of Official Seed Certifying Agencies. The percentage viability ranged from **89 to 99 and averaged 94**.

The wildland collection and seed increase inventory contains 599 lots (103 species) totaling 1,964 pounds (891 kg). This is comprised of 309 grass lots (35 species) at 1,906 pounds (865 kg), 284 forb lots (63 species) at 57 pounds (26 kg), and 6 woody lots (5 species) weighing 1 pound (0.5 kg).

TECHNOLOGY DEVELOPMENT: All plant material collections are assigned accession numbers and inventoried in a database. The lot identification numbers have been upgraded to include identification by individual construction projects. Detailed field instructions were completed for the vegetation monitoring protocols developed in 2004. An abstract and digital summary, *The Taming of Yellowstone's Native Plants*, was presented at the 10th Billings Land Reclamation Symposium.

II. ACCESSIONS & YELLOWSTONE NATIONAL PARK SEED INVENTORY (YNPSI)

PLEASE NOTE

There are two separate inventory reports contained in this document, the Yellowstone National Park Seed Inventory (YNPSI) and the Plant Materials Operations and Management System (POMS) Inventory. The YNPSI provides information regarding total seed collected or produced by accession by year, as well as the total amount of seed on hand for that accession. It does not specify which lots (years, etc.) constitute that total or the total on hand by individual lot. Seed lots collected or produced in 1986-1996 were removed from inventory and sent to Yellowstone National Park for use on appropriate site projects. In order to conserve space, the YNPSI in the 2006 Yellowstone National Park Annual Technical Report (ATR) does not contain information regarding wildland seed collections, nor any seed produced at the PMC, from 1986-1996. Seed collection information dating 10 years or more can be found in YNP ATR'S 1997 or earlier.

The POMS Inventory is used to determine the amount of seed of a given accession that is on hand, on a lot by lot basis. It does not, however, provide a total balance of seed on hand by accession or the amount of the original collection. Totals on hand can be determined by adding together all lots of a given accession. It should be considered the preferred inventory for developing seed orders.

YELLOWSTONE NATIONAL PARK SEED PRODUCTION TRIALS
BRIDGER PLANT MATERIALS CENTER

Accession											Site Site												Seed on
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	No.	Name	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	1/8/2007
	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg			kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg
GRASSES																							
<i>Achnatherum hymenoides</i> ACHY (formerly <i>Oryzopsis hymenoides</i>)																							
9078503											68 Mammoth Cmpgrd								0.199			0.199	
9081748			0.308				1.731				57 Rifle Range											0.200	
9081862				0.219			1.429				64 Gardiner Entr.									0.079		0.579	
<i>Achnatherum nelsonii</i> ssp <i>nelsonii</i> ACNEN2 (formerly <i>Stipa nelsonii</i>)																							
9063511				0.290		0.029					101 Pelican Meadow											0.319	
9063513			0.002	0.287	0.008			0.331			31 Fishing Bridge											0.331	
9063514						0.005					6 Old Faithful											0.005	
9081764			0.267								1 Lava Cr.											0.267	
9081767			0.489	0.263				0.152			55 Pots											0.152	
9081768			0.071								86 Tower Jct											0.071	
9081892				0.177							34 Glen Cr Rd											0.177	
9082042					0.034		0.303				89 Crystal Sprgs											0.337	
9087446								0.028			13 Mt.W.Turnout											0.028	
9087447								0.557			146 Swan Lake Pit											0.557	
<i>Achnatherum occidentale</i> ssp. <i>occidentale</i> ACOCC (formerly <i>Stipa occidentalis</i>)																							
9087578								0.166			13 Mt.W.Turnout											0.166	
9087579								0.557	0.232		85 Canyon Mead.											0.232	
<i>Achnatherum richardsonii</i> ACR18 (formerly <i>Stipa richardsonii</i>)																							
9054411			0.281	0.048							1 Lava Cr.											0.329	
9081376	0.102	1.033	0.029								86 Tower Junct											0.029	
9081560		0.358									138 Slough Cr Cmpgrd											0.358	
9081894			0.270			0.065					140 Antelope Creek											0.335	
<i>Agrostis scabra</i> AGSC5																							
9054365		0.473									6 Old Faith	1.870	11.363	8.390	4.513							10.632	
9063448											4 3-Sense	9.825	2.070									2.070	
<i>Bromus anomalus</i> BRAN																							
9054368			0.202	0.203							1 Lava Cr.											0.405	
9076219		0.902	0.186					0.547			80 E. Entr. Gate								11.992			11.992	
9076220		0.442									119 Peb Cr. Camp		80.700	15.024								15.024	
9078471		0.196									101 Pelican M.											0.196	
9081343	0.310	0.037		0.328							129 Warm Cr Pic											0.328	
9081693								0.257			13 Mt.W.Turnout											0.257	
9081695			0.013								45 Tower Falls											0.013	
9081696			1.061	0.773	0.810	1.168	0.110	0.906			140 Antelope Creek				6.632							11.032	
9087580								0.016			85 Canyon Mead.											0.016	
<i>Bromus marginatus</i> BRMA4																							
9054372											8 Mt.Washb. N								3.075			3.075	
9054376		0.230	0.790					1.747			31 Fishing Bridge											0.337	
9058039	0.603	0.332	1.304	0.610			1.374	0.292	0.476		55 Potts				7.711	30.525	29.484					39.947	
9063460			0.340			0.200					101 Pelican M.											0.540	
9075895											67 Bisc Basin	21.925	13.380	7.710								7.675	
9076161								0.047			65 O.F. Inter.			15.650	16.330							32.027	
9076165	0.855		0.245			0.064	0.186		0.694		87 Gibbon Fls.				17.237	24.900	31.751	16.267	1.206	0.654		19.071	
9078476			0.718					0.201			95 Mad. Main.											0.919	
9081697			0.160	0.324							1 Lava Creek					45.359	33.147	7.631	27.216			90.870	
9081699			2.307				0.545	3.000			13 Mt.Washburn										27.216	30.216	
9081700			0.021								24 Old Mam-Gar Rd											0.021	
9081702			0.235								45 Tower Falls											0.235	
9081703			0.460								98 CanyonCorrals								7.321	5.152		10.659	
9081864							0.215				16 MtWashLktLw											0.215	
9081865			0.149								34 Glen Cr. Rd.											0.149	
9081866											40 Sylvan Pass										26.947	26.947	

YELLOWSTONE NATIONAL PARK SEED PRODUCTION TRIALS
BRIDGER PLANT MATERIALS CENTER

Accession											Site Site											Seed on	
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	No. Name	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	1/8/2007	
	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg
9081763			0.049								133 Lamar R. Brdg.												0.049
9087462								0.084			113 Sage Meadows												0.084
<i>Juncus</i> JUNC																							
9087463								0.011			87 Gibbon Falls												0.011
9087464								0.130			88 Tuff Cliffs												0.130
<i>Koeleria macrantha</i> KOMA (formerly <i>K. cristata</i>)																							
9063185		0.007									67 Bisc. Basin												0.007
9081544		0.027	0.011	0.019	0.017	0.006			0.039		6 Old Faith												0.064
9081548		0.220						0.024			65 O.F. Inter.												0.024
9081740			0.002								1 Lava Creek												0.002
9081741			0.005						0.017		86 Tower Junction												0.022
9081742			0.001								95 Mad. Maint.												0.001
9081743			0.009								133 Lamar River Brdg												0.009
9087588									0.240		68 MammothCmpgr												0.240
9087589									0.017		140 Antelope Crk												0.017
9087695										0.004	43 Stephens Cr.												0.004
9087696										0.001	113 Sage Meadow												0.001
<i>Leymus cinereus</i> LECI4																							
9058164							1.476				34 Glen Creek Road												1.476
9076228	1.792	0.224									118 Soda Butte Ther	0.520	4.025	9.350	12.247								21.597
9081367							0.866				63 Mammoth Housing												0.077
9081368	0.499		0.906								86 Tower Junct												0.906
9081371	0.310		0.629								133 Lamar R. Bridge												0.629
9081746			0.794				0.336		0.160		140 Antelope Creek												1.290
9081887				1.590	0.382				0.190	0.340	45 Tower Falls							0.568	22.284	49.387			73.168
9087328								1.705			57 Rifle Range												0.640
<i>Nassella viridula</i> NAVI4																							
9081773			0.652								43 Stephens Cr.							2.647	27.215	28.123			52.985
9087329							0.869				57 Rifle Range												0.269
<i>Oryzopsis hymenoides</i> (see <i>Achnatherum hymenoides</i>)																							
<i>Phleum alpinum</i> PHAL2																							
9087697										0.212	85 Canyon Meadow												0.212
<i>Poa</i> POA																							
9087330							0.126				57 Rifle Range												0.096
9087590									0.078		140 Antelope Crk												0.078
<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i> PSSPS																							
9063432		0.690			0.090	0.013	0.142	0.020	1.623	0.030	113 Sage Mead W												1.918
9075872	0.118										67 Bisc Basin	11.111	5.859	9.500	12.247								27.724
9076312									0.147		86 Tower Jct.												0.147
9078507				0.063			0.030				34 Glenn Cr. Rd.												0.093
9078509										0.023	95 Madison Maint.												0.023
9081553		0.398									16 Mt.Wash.Lookout						2.213	0.040					0.040
9081752			0.017								1 Lava Crk												0.017
9081754			0.006	0.006				0.006	0.285		13 Mt.Wash.Lookout												0.291
9081756			0.064								45 Tower Falls												0.064
9081757			0.091				0.082				57 Rifle Range						1.839	2.418	0.224	0.542			0.766
9081759			0.070			0.011	0.044		0.565		140 Antelope Creek										1.242		1.812
9087331							0.098				42 Rescue Ck.												0.098
9087332							0.033				55 Potts												0.033
9087333							0.057				143 Bunsen Peak												0.057
9087334							0.016	0.007	0.084		146 Swan Lake												0.107
9087698										0.854	43 Stephens Cr.												0.854
<i>Stipa comata</i> (see <i>Hesperostipa comata</i>)																							
<i>Stipa nelsonii</i> (see <i>Achnatherum nelsonii</i>)																							

YELLOWSTONE NATIONAL PARK SEED PRODUCTION TRIALS
BRIDGER PLANT MATERIALS CENTER

Accession											Site Site No. Name											Seed on Hand 1/8/2007 kg
	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006		1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	
	kg	kg	kg	kg	kg	kg	kg	kg	kg	kg		kg	kg	kg	kg	kg	kg	kg	kg	kg		
<i>Senecio serra</i> SESE2																						
9081823			0.001								140	Antelope Cr										0.001
9081937				0.006							45	Tower Falls										0.006
<i>Senecio triangularis</i> SETR																						
9082090					0.012						45	Tower Falls										0.012
9082091					0.142						140	Antelope Cr										0.142
<i>Solidago</i> SOLID																						
9081825			0.003								102	White Dome Gey										0.003
<i>Solidago canadensis</i> var. <i>salebrosa</i> SOCAS (formerly <i>Solidago elongata</i>)																						
9078233									0.001		95	Madison Maint										0.001
9087604								0.102			128	Elk Park										0.102
TREES AND SHRUBS																						
<i>Arctostaphylos uva-ursi</i> ARUV																						
9078632	0.014										87	Gibbon Falls										0.014
<i>Berberis repens</i> (see <i>Mahonia repens</i>)																						
<i>Betula occidentalis</i> BEOC2																						
9081987				0.021							42	Rescue Cr Tr Brdg										0.006
9082244						0.046					57	Rifle Range										0.023
<i>Dasiphora floribunda</i> DAFL3 (formerly <i>Potentilla fruticosa</i> & <i>Pentaphylloides floribunda</i>)																						
9081827			0.012								86	Tower Junction										0.012
9087605								0.002			146	Swan Lake Pit										0.002
<i>Grayia spinosa</i> GRSP																						
9087354							0.012				64	Gardiner Entr.										0.012
<i>Mahonia repens</i> MARE11 (formerly <i>Berberis repens</i>)																						
9081430	0.014	0.135									6	Old Faithful										0.135
<i>Pentaphylloides floribunda</i> (see <i>Dasiphora floribunda</i>)																						
<i>Pinus contortavar. latifolia</i> PICOL																						
9087606								0.135			87	GibbonFallsPicnic										0.135
9087711									0.069		95	Madison Maint										0.069
<i>Potentilla fruticosa</i> (see <i>Dasiphora floribunda</i>)																						

III. PLANT MATERIALS OPERATIONS & MANAGEMENT SYSTEM (POMS) LOT INVENTORY

PLEASE NOTE

There are two separate inventory reports contained in this document, the Yellowstone National Park Seed Inventory (YNPSI) and the Plant Materials Operations and Management System (POMS) Inventory. The YNPSI provides information regarding total seed collected or produced by accession by year, as well as the total amount of seed on hand for that accession. It does not specify which lots (years, etc.) constitute that total or the total on hand by individual lot. Seed lots collected or produced in 1986-1995 were removed from inventory and sent to Yellowstone National Park for use on appropriate site projects. In order to conserve space, the YNPSI in the 2005 Yellowstone National Park Annual Technical Report (ATR) does not contain information regarding wildland seed collections, nor any seed produced at the PMC, from 1986-1995. Seed collection information dating 10 years or more can be found in YNP ATR'S 1997 or earlier.

The POMS Inventory is used to determine the amount of seed of a given accession that is on hand, on a lot by lot basis. It does not, however, provide a total balance of seed on hand by accession or the amount of the original collection. Totals on hand can be determined by adding together all lots of a given accession. It should be considered the preferred inventory for developing seed orders.

Seed Inventory Report for MTPMC

This report includes all seed inventory in the POMS database, and does not reflect the seed which may be allocated through pending Distribution and Delivery. Quantities shown are in pounds when greater than 1 pound and in grams when less than 1 pound.

Accession	Release	Lot Number	Bin Number	Current Test Date	Total Purity	Total Viability	PLS%	Quantity On Hand	
								Bulk	PLS
Achillea millefolium (ACMI2) / common yarrow									
9058196		SWC-01-YNP-82						54.43	g
9058240		SWC-03-YNP-89						153.00	g
9063167		SWC-06-YNP-5	base		0.00			20.00	g
9063171		SWC-02-YNP-22						23.00	g
9063213		SWC-06-YNP-85	base		0.00			41.00	g
9063230		SWC-04-YNP-94						37.00	g
9063333		SWC-06-YNP-101	base		0.00			11.00	g
9063334		SWC-99-YNP-102						1.01	g
9063427		SWC-05-YNP-113			0.00			94.00	g
9063427		SWC-06-YNP-113	base		0.00			59.00	g
9075939		SWC-98-YNP-67						5.08	g
9075940		SWC-05-YNP-31			0.00			10.00	g
9076173		SWC-04-YNP-95						85.00	g
9076173		SWC-05-YNP-95			0.00			27.00	g
9076173		SWC-06-YNP-95	base		0.00			46.00	g
9076322		SWC-00-YNP-6						34.00	g
9076322		SWC-02-YNP-6						49.00	g
9076322		SWC-05-YNP-6			0.00			51.00	g
9076322		SWC-99-YNP-6						151.00	g
9076325		SWC-05-YNP-128			0.00			8.00	g
9081722		SWC-99-YNP-24						1.01	g
9081775		SWC-01-YNP-140						3.02	g
9081775		SWC-02-YNP-140						41.00	g
9081775		SWC-03-YNP-140						25.00	g
9081775		SWC-04-YNP-140						58.00	g
9081775		SWC-05-YNP-140			0.00			20.00	g
9081775		SWC-99-YNP-140						17.01	g
9081895		SWC-00-YNP-7						16.00	g
9081896		SWC-00-YNP-45						1.01	g
9081896		SWC-01-YNP-45						7.04	g
9081896		SWC-02-YNP-45						33.00	g
9081896		SWC-04-YNP-45						46.00	g
9081896		SWC-05-YNP-45			0.00			23.00	g
9082046		SWC-01-YNP-106						76.01	g

Accession	Release	Lot Number	Bin Number	Current Test Date	Total Purity	Viability	PLS%	Quantity On Hand	
								Bulk	PLS
Achillea millefolium (ACMI2) / common yarrow									
9087335		SWC-03-YNP-41						46.00	g
9087466		SWC-04-YNP-68						3.00	g
Achillea millefolium var. occidentalis (ACMIO) / western yarrow									
9058242		SWC-04-YNP-87						99.00	g
Achnatherum hymenoides (ACHY) / Indian ricegrass									
9078503		SCO-04-YNP-68						199.00	g
9081748		SWC-03-YNP-57						200.00	g
9081862		SCO-06-YNP-64	base			0.00		79.00	g
9081862		SWC-03-YNP-64						1.10	lbs
Achnatherum nelsonii ssp. nelsonii (ACNEN2) / Columbia needlegrass									
9063511		SWC-00-YNP-101						290.30	g
9063511		SWC-02-YNP-101						29.00	g
9063513		SWC-04-YNP-31						331.00	g
9063514		SWC-02-YNP-6						5.00	g
9081764		SWC-99-YNP-1						267.00	g
9081767		SWC-04-YNP-55						152.00	g
9081768		SWC-99-YNP-86						71.01	g
9081892		SWC-00-YNP-34						176.90	g
9082042		SWC-01-YNP-89						34.00	g
9082042		SWC-03-YNP-89						303.00	g
9087446		SWC-04-YNP-13						28.00	g
9087447		SWC-04-YNP-146						1.23	lbs
Achnatherum occidentale ssp. occidentale (ACOCO) / western needlegrass									
9087578		SWC-05-YNP-13				0.00		166.00	g
9087579		SWC-06-YNP-85	base			0.00		232.00	g
Achnatherum richardsonii (ACRI8) / Richardson's needlegrass									
9054411		SWC-00-YNP-1		8/18/2004		64		48.00	g
9054411		SWC-99-YNP-1		8/18/2004		89		281.23	g
9081376		SWC-99-YNP-86						29.00	g
9081560		SWC-98-YNP-138						358.34	g
9081894		SWC-00-YNP-140						270.00	g
9081894		SWC-02-YNP-140						65.00	g
Agoseris glauca (AGGL) / pale agoseris									
9082048		SWC-01-YNP-82						17.01	g
9082189		SWC-02-YNP-140						18.00	g
9087467		SWC-04-YNP-89						9.00	g
9087468		SWC-04-YNP-143						12.00	g
9087469		SWC-04-YNP-146						205.00	g
9087699		SWC-06-YNP-88	base			0.00		1.00	g

Accession	Release	Lot Number	Bin Number	Current Test Date	Total Purity	Viability	PLS%	Quantity On Hand	
								Bulk	PLS
Agrostis scabra (AGSC5) / rough bentgrass									
9054365		SCO-00-YNP-6		8/18/2004		96		9.95	lbs
9054365		SCO-99-YNP-6		8/17/2004		96		13.50	lbs
9063448		SCO-98-YNP-4						4.57	lbs
Allium cernuum (ALCE2) / nodding onion									
9082302		SWC-03-YNP-43						147.00	g
Anaphalis margaritacea (ANMA) / western pearly everlasting									
9078523		SWC-99-YNP-97						40.00	g
Antennaria (ANTEN) / pussytoes									
9081778		SWC-99-YNP-6						5.08	g
9087337		SWC-03-YNP-57						1.00	g
Antennaria microphylla (ANMI3) / littleleaf pussytoes									
9081382		SWC-99-YNP-86						1.01	g
9087338		SWC-03-YNP-68						1.00	g
Aquilegia caerulea (AQCA2) / Colorado blue columbine									
9082192		SWC-06-YNP-75	base			0.00		9.00	g
Arenaria congesta (ARCO5) / ballhead sandwort									
9058033		SWC-04-YNP-65						195.00	g
9063182		SWC-98-YNP-67						55.00	g
9063451		SWC-00-YNP-6		8/20/2004		94		46.00	g
9063451		SWC-01-YNP-6		8/20/2004		91		30.00	g
9063451		SWC-02-YNP-6		8/20/2004		87		111.00	g
9063451		SWC-05-YNP-6				0.00		96.00	g
9063451		SWC-99-YNP-6		8/20/2004		92		21.00	g
9076331		SWC-06-YNP-5	base			0.00		70.00	g
9082049		SWC-01-YNP-106						49.00	g
9082193		SWC-02-YNP-146						32.00	g
9087470		SWC-04-YNP-89						68.00	g
9087700		SWC-06-YNP-113	base			0.00		1.00	g
Argentina anserina (ARAN7) / silverweed cinquefoil									
9082050		SWC-01-YNP-143						62.01	g
Arnica longifolia (ARLO6) / spearleaf arnica									
9082195		SWC-06-YNP-75	base			0.00		17.00	g
Aster (ASTER) / aster									
9081897		SWC-00-YNP-7						81.00	g
Balsamorhiza sagittata (BASA3) / arrowleaf balsamroot									
9087340		SWC-03-YNP-84						1.86	lbs
Betula occidentalis (BEOC2) / water birch									
9081987		SWC-01-YNP-42						6.01	g
9082244		SWC-02-YNP-57						23.00	g

Accession Release	Lot Number	Bin Number	Current Test Date	Purity	Total Viability	PLS%	Quantity On Hand	
							Bulk	PLS
Bromus anomalus (BRAN) / nodding brome								
9054368	SWC-00-YNP-1						203.00 g	
9054368	SWC-99-YNP-1						202.01 g	
9076219	SCO-06-YNP-80	base	12/31/2000	97.15	93	90.34	26.44 lbs	23.89 lbs
9076220	SCO-99-YNP-119						33.12 lbs	
9078471	SWC-98-YNP-101						196.00 g	
9081343	SWC-00-YNP-129						328.00 g	
9081693	SWC-05-YNP-13			0.00			257.00 g	
9081695	SWC-99-YNP-45						13.00 g	
9081696	SCO-01-YNP-140		8/12/2004		95		14.63 lbs	
9081696	SWC-00-YNP-140		8/12/2004		92		1.70 lbs	
9081696	SWC-01-YNP-140		8/12/2004		92		1.79 lbs	
9081696	SWC-02-YNP-140		8/12/2004		89		2.58 lbs	
9081696	SWC-03-YNP-140						110.00 g	
9081696	SWC-05-YNP-140			0.00			2.00 lbs	
9081696	SWC-99-YNP-140		8/12/2004		51		1.40 lbs	
9087580	SWC-05-YNP-85			0.00			16.00 g	
Bromus marginatus (BRMA4) / mountain brome								
9054372	SCO-04-YNP-8		1/19/2005		94		6.78 lbs	
9054376	SWC-04-YNP-31						337.00 g	
9058039	SCO-00-YNP-55						17.00 lbs	
9058039	SCO-02-YNP-55		2/1/2003		94		65.00 lbs	
9058039	SWC-00-YNP-55						1.34 lbs	
9058039	SWC-03-YNP-55						3.03 lbs	
9058039	SWC-04-YNP-55						292.00 g	
9058039	SWC-05-YNP-55			0.00			1.05 lbs	
9063460	SWC-00-YNP-101						340.19 g	
9063460	SWC-02-YNP-101						200.00 g	
9075895	SCO-99-YNP-67		4/8/2004		87		16.92 lbs	
9076161	SCO-00-YNP-65						36.00 lbs	
9076161	SCO-99-YNP-65		4/12/2004		90		34.43 lbs	
9076161	SWC-04-YNP-65						47.00 g	
9076165	SCO-03-YNP-87		9/12/2003		93		35.86 lbs	
9076165	SCO-04-YNP-87		1/19/2005		89		2.66 lbs	
9076165	SCO-05-YNP-87			0.00			1.44 lbs	
9076165	SWC-03-YNP-87						64.00 g	
9076165	SWC-04-YNP-87						186.00 g	
9076165	SWC-06-YNP-87	base		0.00			1.53 lbs	
9078476	SWC-05-YNP-95			0.00			201.00 g	

Accession Release	Lot Number	Bin Number	Current Test Date	Total		PLS%	Quantity On Hand	
				Purity	Viability		Bulk	PLS
Bromus marginatus (BRMA4) / mountain brome								
9078476	SWC-99-YNP-95						1.59 lbs	
9081697	SCO-02-YNP-1		2/1/2003		95		49.98 lbs	
9081697	SCO-03-YNP-1		9/11/2003		99		73.08 lbs	
9081697	SCO-04-YNP-1		1/19/2005		94		16.82 lbs	
9081697	SCO-05-YNP-1		1/4/2006	98.31	99	97.32	60.00 lbs	58.40 lbs
9081697	SWC-00-YNP-1						206.00 g	
9081699	SCO-06-YNP-13	base	12/22/200	99.27	99	98.27	60.00 lbs	58.97 lbs
9081699	SWC-05-YNP-13			0.00			1.20 lbs	
9081700	SWC-99-YNP-24						21.00 g	
9081702	SWC-99-YNP-45						235.00 g	
9081703	SCO-05-YNP-98		1/10/2006	96.89	95	92.04	12.14 lbs	11.17 lbs
9081703	SCO-06-YNP-98	base	12/28/200	99.14	97	96.16	11.36 lbs	10.92 lbs
9081864	SWC-04-YNP-16						215.00 g	
9081865	SWC-00-YNP-34						149.00 g	
9081866	SCO-06-YNP-40	base	12/28/200	98.72	95	93.784	59.41 lbs	55.72 lbs
9081867	SWC-00-YNP-143						5.87 lbs	
9081867	SWC-01-YNP-143						2.09 lbs	
9081867	SWC-02-YNP-143						2.11 lbs	
9081867	SWC-04-YNP-143						3.15 lbs	
9082025	SCO-06-YNP-75	base	12/27/200	99.32	99	98.32	10.82 lbs	10.64 lbs
9082026	SWC-01-YNP-82						127.01 g	
9082027	SWC-01-YNP-89						2.44 lbs	
9082027	SWC-03-YNP-89						394.00 g	
9087448	SWC-05-YNP-85			0.00			3.24 lbs	
9087448	SWC-06-YNP-85	base		0.00			2.19 lbs	
9087449	SWC-04-YNP-146						3.95 lbs	
Calamagrostis rubescens (CARU) / pinegrass								
9082028	SWC-01-YNP-145						5.01 g	
Campanula rotundifolia (CARO2) / bluebell bellflower								
9078535	SWC-04-YNP-94						10.00 g	
9081782	SWC-99-YNP-140						7.04 g	
9081900	SWC-00-YNP-6		8/19/2004		89		22.68 g	
9081900	SWC-01-YNP-6		8/19/2004		98		31.00 g	
9081900	SWC-02-YNP-6		8/19/2004		98		9.00 g	
9081900	SWC-05-YNP-6			0.00			48.00 g	
9082057	SWC-01-YNP-45						22.00 g	
9082057	SWC-02-YNP-45						3.00 g	
9087471	SWC-04-YNP-95						4.00 g	

Accession Release	Lot Number	Bin Number	Current Test Date	Total Purity	Viability	PLS%	Quantity On Hand	PLS
Campanula rotundifolia (CARO2) / bluebell bellflower								
9087701	SWC-06-YNP-5	base		0.00			12.00 g	
Carex (CAREX) / sedge								
9082029	SWC-01-YNP-89						83.00 g	
9087450	SWC-04-YNP-87						43.00 g	
9087451	SWC-04-YNP-87						56.00 g	
9087452	SWC-04-YNP-88						70.00 g	
9087453	SWC-04-YNP-94						12.00 g	
9087454	SWC-04-YNP-131						220.00 g	
9087582	SWC-05-YNP-87			0.00			73.00 g	
9087691	SWC-06-YNP-88	base		0.00			15.00 g	
Carex aquatilis (CAAQ) / water sedge								
9087692	SWC-06-YNP-88	base		0.00			3.00 g	
Carex gynocrates (CAGY2) / northern bog sedge								
9087693	SWC-06-YNP-88	base		0.00			74.00 g	
Carex phaeocephala (CAPH2) / dunhead sedge								
9087583	SWC-05-YNP-55			0.00			188.00 g	
Carex utriculata (CAUT) / Northwest Territory sedge								
9087584	SWC-05-YNP-87			0.00			304.00 g	
9087694	SWC-06-YNP-88	base		0.00			56.00 g	
Castilleja sulphurea (CASU12) / sulphur Indian paintbrush								
9081783	SWC-99-YNP-133						58.00 g	
9087342	SWC-03-YNP-113						11.00 g	
9087342	SWC-05-YNP-113			0.00			28.00 g	
9087495	SWC-04-YNP-146						11.00 g	
Chaenactis douglasii (CHDO) / Douglas' dustymaiden								
9081784	SWC-01-YNP-6		8/26/2004		51		44.00 g	
9081784	SWC-02-YNP-6		8/26/2004		70		186.00 g	
9081784	SWC-05-YNP-6			0.00			47.00 g	
9081903	SWC-00-YNP-6						78.00 g	
9087702	SWC-06-YNP-5	base		0.00			111.00 g	
Chamerion angustifolium ssp. angustifolium (CHANA2) / fireweed								
9063521	SWC-99-YNP-97						1.01 g	
Clematis (CLEMA) / leather flower								
9087344	SWC-03-YNP-34						28.00 g	
Danthonia (DANTH) / oatgrass								
9087318	SWC-03-YNP-147						3.00 g	
Danthonia intermedia (DAIN) / timber oatgrass								
9075900	SWC-00-YNP-101						43.00 g	
9081719	SWC-99-YNP-102						12.00 g	

Accession	Release	Lot Number	Bin Number	Current Test Date	Total Purity	Viability	PLS%	Quantity On Hand	
								Bulk	PLS
Dasiphora floribunda (DAFL3) / shrubby cinquefoil									
9081827		SWC-99-YNP-86						12.01	g
Delphinium (DELPH) / larkspur									
9087703		SWC-06-YNP-75	base		0.00			17.00	g
Deschampsia caespitosa (DECA18) / tufted hairgrass									
9075904		SWC-00-YNP-101						317.51	g
9075904		SWC-98-YNP-101						43.00	g
9087455		SWC-04-YNP-87						5.00	g
Elymus caninus (ELCA11) / bearded wheatgrass									
9081357		SWC-97-YNP						311.00	g
Elymus elymoides (ELEL5) / squirreltail									
9054405		SWC-00-YNP-6						22.68	g
9054405		SWC-99-YNP-6						210.01	g
9058230		SWC-03-YNP-87						45.00	g
9081515		SWC-98-YNP-90						9.07	g
9081516		SWC-98-YNP-95		8/18/2004		65		9.07	g
9081516		SWC-99-YNP-95		8/17/2004		85		53.00	g
9081721		SWC-99-YNP-86						1.01	g
9087319		SWC-03-YNP-147						39.00	g
9087456		SWC-04-YNP-89						81.00	g
9087457		SWC-04-YNP-146						139.00	g
Elymus glaucus (ELGL) / blue wildrye									
9076230		SWC-03-YNP-55						99.00	g
9076230		SWC-04-YNP-55						437.00	g
9076230		SWC-05-YNP-55			0.00			1.02	lbs
9076232		SCO-06-YNP-80	base	12/28/200	98.32	99	97.33	21.34	lbs
9078489		SWC-04-YNP-94						110.00	g
9078491		SWC-00-YNP-129						1.13	lbs
9081519		SCO-00-YNP-93						27.50	lbs
9081519		SCO-01-YNP-93						34.39	lbs
9081519		SCO-02-YNP-93						117.00	g
9082033		SWC-01-YNP-140						56.00	g
9082035		SWC-01-YNP-145						81.00	g
9087458		SWC-04-YNP-13						130.00	g
9087459		SWC-04-YNP-25						53.00	g
Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender wheatgrass									
9054751		SWC-02-YNP-65						3.80	lbs
9054751		SWC-04-YNP-65						2.08	lbs
9058250		SWC-03-YNP-87						122.00	g
9058250		SWC-04-YNP-87						244.00	g

Accession Release	Lot Number	Bin Number	Current Test Date	Total			Quantity On Hand	
				Purity	Viability	PLS%	Bulk	PLS
Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender wheatgrass								
9063200	SCO-06-YNP-75	base	12/27/200	98.64	98	96.66	23.18 lbs	22.41 lbs
9063200	SWC-06-YNP-75	base		0.00			82.00 g	
9063438	SCO-99-YNP-6		4/9/2004		94		22.00 lbs	
9063438	SWC-05-YNP-6			0.00			292.00 g	
9063439	SWC-05-YNP-85			0.00			5.04 lbs	
9063439	SWC-06-YNP-85	base		0.00			1.09 lbs	
9063442	SWC-00-YNP-101						385.55 g	
9063443	SWC-04-YNP-31						6.55 lbs	
9063443	SWC-05-YNP-31			0.00			3.97 lbs	
9075874	SWC-02-YNP-22						29.00 g	
9076207	SWC-04-YNP-55						331.00 g	
9076207	SWC-05-YNP-55			0.00			1.81 lbs	
9076211	SWC-04-YNP-95						1.38 lbs	
9076211	SWC-05-YNP-95			0.00			363.00 g	
9076211	SWC-06-YNP-95	base		0.00			1.18 lbs	
9076214	SCO-06-YNP-128	base	12/26/200	92.36	97	89.58	25.42 lbs	22.77 lbs
9076214	SWC-03-YNP-128						295.00 g	
9076214	SWC-04-YNP-128						1.66 lbs	
9076214	SWC-05-YNP-128			0.00			2.92 lbs	
9076215	SWC-00-YNP-129						294.83 g	
9076309	SCO-01-YNP-88						39.46 lbs	
9076309	SCO-02-YNP-88		2/13/2003		97		24.00 lbs	
9076309	SCO-03-YNP-88		9/9/2003		97		67.85 lbs	
9076309	SCO-04-YNP-88		1/19/2005		99		10.75 lbs	
9076309	SCO-05-YNP-88		1/5/2006	99.09	99	98.09	50.00 lbs	49.05 lbs
9078494	SCO-99-YNP-94		4/12/2004		96		54.00 lbs	
9081360	SCO-02-YNP-28		2/13/2003		94		5.50 lbs	
9081520	SCO-02-YNP-11		2/13/2003		95		26.00 lbs	
9081520	SCO-03-YNP-11		9/12/2003		98		11.28 lbs	
9081520	SCO-04-YNP-11						21.00 g	
9081522	SWC-04-YNP-16						26.00 g	
9081726	SCO-03-YNP-1		9/12/2003		98		2.00 lbs	
9081728	SWC-04-YNP-13						175.00 g	
9081728	SWC-05-YNP-13			0.00			1.06 lbs	
9081729	SWC-00-YNP-45						33.01 g	
9081729	SWC-01-YNP-45						92.00 g	
9081729	SWC-05-YNP-45			0.00			218.00 g	
9081731	SWC-05-YNP-86			0.00			32.00 g	

Accession	Release	Lot Number	Bin Number	Current Test Date	Purity	Total Viability	PLS%	Quantity On Hand	
								Bulk	PLS
Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender wheatgrass									
9081733		SCO-03-YNP-140		9/9/2003		98		78.31 lbs	
9081733		SCO-04-YNP-140						138.00 g	
9081733		SCO-05-YNP-140		1/4/2006	98.85	99	97.86	21.50 lbs	21.04 lbs
9081733		SWC-01-YNP-140						311.00 g	
9081733		SWC-02-YNP-140						274.00 g	
9081733		SWC-03-YNP-140						128.00 g	
9081733		SWC-05-YNP-140				0.00		2.37 lbs	
9081733		SWC-06-YNP-140	base	1/5/2007	97.44	89	86.72	22.15 lbs	19.21 lbs
9081735		SCO-04-YNP-142						124.00 g	
9081735		SCO-05-YNP-142		1/4/2006	97.31	97	94.39	4.88 lbs	4.60 lbs
9081874		SCO-05-YNP-19		1/10/2006	96.63	96	92.76	10.68 lbs	9.90 lbs
9081874		SCO-06-YNP-19	base			0.00		4.03 lbs	
9081876		SWC-00-YNP-36						181.44 g	
9081878		SWC-00-YNP-143						1.83 lbs	
9081878		SWC-01-YNP-143						80.00 g	
9081878		SWC-02-YNP-143						151.00 g	
9081878		SWC-04-YNP-143						251.00 g	
9081878		SWC-05-YNP143				0.00		185.00 g	
9082037		SWC-01-YNP-89						312.98 g	
9082037		SWC-04-YNP-89						149.00 g	
9082038		SCO-05-YNP-145				0.00		354.00 g	
9082038		SCO-06-YNP-145	base	12/20/200	99.00	99	98.01	54.00 lbs	52.93 lbs
9082038		SWC-01-YNP-145						216.13 g	
9087320		SWC-03-YNP-17						244.00 g	
9087321		SWC-03-YNP-57						5.00 g	
9087322		SWC-03-YNP-89						377.00 g	
9087460		SWC-04-YNP-113						1.28 lbs	
9087474		SWC-04-YNP-146						2.09 lbs	
Erigeron compositus (ERCO4) / cutleaf daisy									
9087473		SWC-04-YNP-45						14.00 g	
Erigeron speciosus (ERSP4) / aspen fleabane									
9082206		SWC-02-YNP-140						11.00 g	
Eriogonum (ERIOG) / buckwheat									
9087704		SWC-06-YNP-5	base			0.00		14.00 g	
Eriogonum flavum (ERFL4) / alpine golden buckwheat									
9081578		SWC-00-YNP-6						55.00 g	
9081578		SWC-99-YNP-6						12.00 g	
Eriogonum umbellatum (ERUM) / sulphur-flower buckwheat									
9058189		SWC-01-YNP-82						257.00 g	

Accession Release	Lot Number	Bin Number	Current Test Date	Total Purity	Viability PLS%	Quantity On Hand	
						Bulk	PLS
Eriogonum umbellatum (ERUM) / sulphur-flower buckwheat							
9058245	SCO-02-YNP-88					1.01	g
9058245	SCO-03-YNP-88					93.00	g
9058245	SCO-04-YNP-88					247.00	g
9058245	SCO-05-YNP-88			0.00		232.00	g
9058245	SCO-06-YNP-88	base		0.00		1.05	lbs
9063231	SWC-04-YNP-95					130.00	g
9063231	SWC-06-YNP-95	base		0.00		32.00	g
9063312	SWC-00-YNP-101					180.00	g
9063312	SWC-02-YNP-101					226.00	g
9063473	SWC-00-YNP-6					254.01	g
9063473	SWC-01-YNP-6					86.18	g
9063473	SWC-02-YNP-6					222.26	g
9063473	SWC-05-YNP-6			0.00		1.33	lbs
9063473	SWC-99-YNP-6					3.02	lbs
9075948	SWC-04-YNP-31					43.00	g
9078550	SWC-04-YNP-94					142.00	g
9078551	SWC-98-YNP-101					56.00	g
9081397	SWC-99-YNP-133					11.00	g
9081585	SWC-01-YNP-113					369.00	g
9081585	SWC-02-YNP-113					93.00	g
9081585	SWC-03-YNP-113					203.00	g
9081585	SWC-04-YNP-113					388.00	g
9081585	SWC-05-YNP-113			0.00		268.00	g
9081585	SWC-06-YNP-113	base		0.00		410.00	g
9081787	SWC-99-YNP-1					252.00	g
9081788	SWC-02-YNP-140		9/1/2004		82	2.04	lbs
9081788	SWC-03-YNP-140		8/31/2004		71	1.09	lbs
9081788	SWC-05-YNP-140			0.00		117.00	g
9081788	SWC-06-YNP-140	base		0.00		310.00	g
9081905	SWC-04-YNP-13					93.00	g
9081908	SWC-00-YNP-35					216.00	g
9081910	SWC-04-YNP-68					315.00	g
9081911	SWC-00-YNP-129					60.10	g
9082064	SWC-01-YNP-45					98.00	g
9082065	SWC-06-YNP-75	base		0.00		206.00	g
9082066	SWC-01-YNP-89					276.69	g
9082066	SWC-03-YNP-89					430.00	g
9082066	SWC-04-YNP-89					124.00	g

Accession Release	Lot Number	Bin Number	Current Test Date	Total Purity	Viability PLS%	Quantity On Hand	
						Bulk	PLS
Eriogonum umbellatum (ERUM) / sulphur-flower buckwheat							
9082067	SWC-01-YNP-139					34.00	g
9082068	SWC-01-YNP-143					135.00	g
9082068	SWC-03-YNP-143					180.00	g
9082068	SWC-04-YNP-143					44.00	g
9082209	SWC-02-YNP-146					2.04	lbs
9082209	SWC-03-YNP-146					1.14	lbs
9082209	SWC-04-YNP-146					153.00	g
9082209	SWC-05-YNP-146			0.00		125.00	g
9082209	SWC-06-YNP-146	base		0.00		66.00	g
9087345	SWC-03-YNP-17					436.00	g
9087346	SWC-03-YNP-57					25.00	g
9087347	SWC-03-YNP-112					72.00	g
9087595	SWC-06-YNP-85	base		0.00		10.00	g
9087705	SWC-06-YNP-5	base		0.00		155.00	g
Eriogonum umbellatum var. dichrocephalum (ERUMD3) / sulphur-flower							
9087475	SWC-04-YNP-113					129.00	g
Eriophyllum lanatum (ERLA6) / common woolly sunflower							
9058231	SWC-04-YNP-87					17.00	g
9058231	SWC-06-YNP-87	base		0.00		14.00	g
9087476	SWC-04-YNP-146					35.00	g
9087596	SWC-05-YNP-13			0.00		6.00	g
9087706	SWC-06-YNP-95	base		0.00		5.00	g
9087707	SWC-06-YNP-140	base		0.00		7.00	g
Eucephalus engelmannii (EUEN) / Engelmann's aster							
9081779	SWC-99-YNP-45					1.01	g
9087708	SWC-06-YNP-75	base		0.00		72.00	g
Eurybia integrifolia (EUI9) / thickstem aster							
9058168	SWC-04-YNP-31					41.00	g
9058168	SWC-05-YNP-31			0.00		16.00	g
9058181	SWC-06-YNP-85	base		0.00		54.00	g
9058191	SWC-01-YNP-82					89.00	g
9082055	SWC-01-YNP-6					5.08	g
Festuca idahoensis (FEID) / Idaho fescue							
9075918	SCO-06-YNP-85	base		0.00		379.00	g
9075918	SWC-05-YNP-85			0.00		1.80	lbs
9075918	SWC-06-YNP-85	base		0.00		58.00	g
9075919	SWC-00-YNP-101					60.00	g
9075919	SWC-97-YNP-101		8/12/2001		58	1.57	lbs
9075919	SWC-98-YNP-101		8/12/2004		87	177.00	g

Accession	Release	Lot Number	Bin Number	Current Test Date	Total Purity	Viability	PLS%	Quantity On Hand	
								Bulk	PLS
Festuca idahoensis (FEID) / Idaho fescue									
9076235		SWC-03-YNP-55						34.00	g
9076235		SWC-05-YNP-55			0.00			173.00	g
9081533		SCO-02-YNP-28		2/13/2003		94		10.00	lbs
9081537		SWC-05-YNP-86			0.00			1.38	lbs
9081537		SWC-99-YNP-86						22.00	g
9081539		SWC-01-YNP-113						19.00	g
9081539		SWC-03-YNP-113						40.00	g
9081539		SWC-05-YNP-113			0.00			434.00	g
9081541		SWC-99-YNP-133						15.00	g
9081543		SWC-98-YNP-138						174.00	g
9081736		SWC-99-YNP-1						70.00	g
9081882		SWC-00-YNP-143						31.00	g
9081882		SWC-05-YNP-143			0.00			191.00	g
9087325		SWC-03-YNP-89						136.00	g
9087326		SWC-03-YNP-140						106.00	g
9087326		SWC-05-YNP-140			0.00			2.30	lbs
9087461		SWC-03-YNP-146						10.00	g
9087586		SWC-05-YNP-13			0.00			1.62	lbs
9087587		SWC-05-YNP-68			0.00			26.00	g
Gentianopsis thermalis (GETH) / Rocky Mountain fringed gentian									
9081588		SWC-98-YNP-67						5.08	g
Geranium richardsonii (GERI) / Richardson's geranium									
9087598		SWC-05-YNP-13			0.00			30.00	g
Geranium viscosissimum (GEVI2) / sticky purple geranium									
9082069		SWC-01-YNP-140						15.00	g
9082069		SWC-02-YNP-140						27.00	g
9082069		SWC-04-YNP-140						46.00	g
9082069		SWC-06-YNP-140	base		0.00			30.00	g
Geum macrophyllum (GEMA4) / largeleaf avens									
9081914		SWC-00-YNP-129						271.00	g
9087477		SWC-04-YNP-88						166.00	g
Geum triflorum (GETR) / old man's whiskers									
9087478		SWC-04-YNP-143						6.00	g
9087478		SWC-05-YNP-143			0.00			20.00	g
Grayia spinosa (GRSP) / spiny hopsage									
9087354		SWC-03-YNP-64						12.00	g
Helianthella uniflora (HEUN) / oneflower helianthella									
9081792		SWC-04-YNP-8						1.60	lbs
9081792		SWC-06-YNP-8	base		0.00			1.34	lbs

Accession Release	Lot Number	Bin Number	Current Test Date	Total			Quantity On Hand	
				Purity	Viability	PLS%	Bulk	PLS
Helianthella uniflora (HEUN) / oneflower helianthella								
9087599	SWC-05-YNP-13			0.00			162.00 g	
Heracleum maximum (HEMA80) / common cowparsnip								
9081916	SWC-00-YNP-45						190.51 g	
Hesperostipa comata ssp. comata (HECOC8) / needle and thread								
9054581	SWC-03-YNP-43						44.00 g	
9081502	SCO-04-YNP-57						99.00 g	
9081502	SCO-05-YNP-57		1/11/2006	95.37	81	77.24	7.55 lbs	5.83 lbs
9081502	SCO-06-YNP-57	base	12/22/200	98.29	96	94.35	6.00 lbs	5.66 lbs
9081502	SWC-03-YNP-57						227.00 g	
9081762	SWC-99-YNP-86						15.00 g	
9081763	SWC-99-YNP-133		8/18/2004		58		49.00 g	
9082186	SWC-02-YNP-6-B			0.00			11.00 g	
9087462	SWC-04-YNP-113						84.00 g	
Heterotheca villosa (HEVI4) / hairy false goldenaster								
9081920	SWC-00-YNP-7						1.01 g	
9082070	SWC-01-YNP-6						1.00 g	
9082070	SWC-02-YNP-6						9.00 g	
Heterotheca villosa var. depressa (HEVID) / hairy false goldenaster								
9081794	SWC-00-YNP-6						18.00 g	
9081794	SWC-05-YNP-6			0.00			20.00 g	
9081794	SWC-99-YNP-6						31.00 g	
9081795	SWC-06-YNP-95	base		0.00			65.00 g	
9081796	SWC-99-YNP-102						57.00 g	
9082213	SWC-02-YNP-47						205.00 g	
9087479	SWC-04-YNP-8						4.00 g	
Juncus (JUNCU) / rush								
9087463	SWC-04-YNP-87						11.00 g	
9087464	SWC-04-YNP-88						130.00 g	
Koeleria macrantha (KOMA) / prairie Junegrass								
9063185	SWC-98-YNP-67						7.04 g	
9081544	SWC-00-YNP-6		8/13/2004		54		19.00 g	
9081544	SWC-02-YNP-6						6.00 g	
9081544	SWC-05-YNP-6			0.00			39.00 g	
9081548	SWC-04-YNP-65						24.00 g	
9081740	SWC-99-YNP-1						2.01 g	
9081741	SWC-05-YNP-86			0.00			17.00 g	
9081741	SWC-99-YNP-86						5.08 g	
9081742	SWC-99-YNP-95						1.01 g	
9081743	SWC-99-YNP-133						9.07 g	

Accession	Release	Lot Number	Bin Number	Current Test Date	Purity	Total		Quantity On Hand	
						Viability	PLS%	Bulk	PLS
Koeleria macrantha (KOMA) / prairie Junegrass									
9087588		SWC-05-YNP-68			0.00			240.00	g
9087589		SWC-05-YNP-140			0.00			17.00	g
9087695		SWC-06-YNP-43	base		0.00			4.00	g
9087696		SWC-06-YNP-113	base		0.00			1.00	g
Lewisia rediviva (LERE7) / bitter root									
9082303		SWC-03-YNP-64						11.00	g
Leymus cinereus (LECI4) / basin wildrye									
9058164		SWC-02-YNP-34						3.25	lbs
9076228		SCO-00-YNP-118		8/12/2004		92		27.00	lbs
9076228		SCO-99-YNP-118		8/12/2004		75		20.61	lbs
9081367		SWC-02-YNP-63						77.00	g
9081368		SWC-99-YNP-86						2.00	lbs
9081371		SWC-99-YNP-133						1.39	lbs
9081746		SWC-02-YNP-34						336.00	g
9081746		SWC-04-YNP-140						160.00	g
9081746		SWC-99-YNP-140						1.75	lbs
9081887		SCO-04-YNP-45						1.25	lbs
9081887		SCO-05-YNP-45F11		1/18/2006	98.98	93	92.05	33.13	lbs
9081887		SCO-05-YNP-45F5		1/12/2006	98.36	95	93.442	16.00	lbs
9081887		SCO-06-YNP-451	base	12/22/200	99.05	96	95.08	92.00	lbs
9081887		SCO-06-YNP-452	base	12/28/200	95.99	90	86.391	16.88	lbs
9081887		SWC-00-YNP-45						399.10	g
9081887		SWC-04-YNP-45						190.00	g
9081887		SWC-05-YNP-45			0.00			340.00	g
9087328		SWC-03-YNP-57						1.41	lbs
Linum lewisii (LILE3) / prairie flax									
9076188		SWC-01-YNP-22						49.89	g
9076188		SWC-02-YNP-22						26.00	g
9076189		SWC-05-YNP-95			0.00			45.00	g
9076189		SWC-06-YNP-95	base		0.00			96.00	g
9078562		SWC-03-YNP-34						15.00	g
9081405		SWC-06-YNP-85	base		0.00			33.00	g
9081799		SWC-99-YNP-102						28.00	g
9081800		SWC-02-YNP-140						17.00	g
9081800		SWC-03-YNP-140						10.00	g
9081800		SWC-05-YNP-140			0.00			28.00	g
9081800		SWC-06-YNP-140	base		0.00			152.00	g
9081800		SWC-99-YNP-140						95.25	g
9087600		SWC-05-YNP-128			0.00			29.00	g

Monday, January 08, 2007

Accession Release	Lot Number	Bin Number	Current Test Date	Total Purity	Viability	PLS%	Quantity On Hand	
							Bulk	PLS
Linum perenne (LIPE2) / blue flax								
9081596	SWC-98-YNP-101						2.01 g	
Lupinus (LUPIN) / lupine								
9078568	SWC-98-YNP-101						107.00 g	
9081805	SWC-99-YNP-140						68.00 g	
Lupinus argenteus (LUAR3) / silvery lupine								
9063172	SWC-01-YNP-22						190.00 g	
9081802	SWC-99-YNP-86						131.00 g	
9081803	SWC-99-YNP-133						33.01 g	
9082218	SWC-02-YNP-140						163.00 g	
9082218	SWC-05-YNP-140				0.00		126.00 g	
9082218	SWC-06-YNP-140	base			0.00		102.00 g	
9082220	SWC-02-YNP-146						65.00 g	
9082220	SWC-04-YNP-146						1.06 lbs	
9087481	SWC-04-YNP-13						67.00 g	
9087482	SWC-04-YNP-113						172.00 g	
Mahonia repens (MARE11) / creeping barberry								
9081430	SWC-98-YNP-6						135.00 g	
Minuartia obtusiloba (MIOB2) / twinflower sandwort								
9082221	SWC-02-YNP-101						11.00 g	
Nassella viridula (NAVI4) / green needlegrass								
9081773	SCO-05-YNP-43		1/11/2006	87.50	94	82.25	54.00 lbs	44.42 lbs
9081773	SCO-06-YNP-43	base	12/20/200	99.90	96	95.904	62.00 lbs	59.46 lbs
9087329	SWC-03-YNP-57						269.00 g	
Oxytropis splendens (OXSP) / showy locoweed								
9082222	SWC-02-YNP-22						23.00 g	
Packera cana (PACA15) / woolly groundsel								
9087350	SWC-03-YNP-89						3.00 g	
Pedicularis (PEDIC) / lousewort								
9081925	SWC-00-YNP-7						36.29 g	
Pedicularis groenlandica (PEGR2) / elephanthead lousewort								
9078571	SWC-04-YNP-88						12.00 g	
9081643	SWC-98-YNP-90						35.00 g	
Penstemon cyaneus (PECY3) / blue penstemon								
9082225	SWC-02-YNP-146						64.00 g	
Penstemon fruticosus (PEFR3) / bush penstemon								
9082227	SWC-02-YNP-87A						9.00 g	
Penstemon procerus (PEPR2) / littleflower penstemon								
9081647	SWC-04-YNP-31						194.00 g	
9081648	SWC-02-YNP-87						3.00 g	

Accession	Release	Lot Number	Bin Number	Current Test Date	Total Purity	Viability	PLS%	Quantity On Hand Bulk	PLS
Penstemon procerus (PEPR2) / littleflower penstemon									
9081649		SWC-98-YNP-101						2.00 g	
9081811		SWC-99-YNP-97						3.02 g	
9081812		SWC-01-YNP-140		8/27/2004		56		66.00 g	
9081812		SWC-02-YNP-140		9/1/2004		65		31.00 g	
9081812		SWC-03-YNP-140		9/2/2004		76		14.00 g	
9081812		SWC-04-YNP-140						82.00 g	
9081812		SWC-05-YNP-140				0.00		26.00 g	
9081812		SWC-99-YNP-140		9/1/2004		62		70.00 g	
9081926		SWC-04-YNP-16						25.00 g	
9081927		SWC-00-YNP-129						11.57 g	
9082075		SWC-01-YNP-82						13.00 g	
9082077		SWC-01-YNP-89						55.00 g	
9082077		SWC-03-YNP-89						22.00 g	
9087351		SWC-03-YNP-113						31.00 g	
9087351		SWC-04-YNP-113						24.00 g	
9087351		SWC-05-YNP-113				0.00		15.00 g	
9087483		SWC-04-YNP-146						25.85 g	
9087709		SWC-06-YNP-75	base			0.00		2.00 g	
Perideridia gairdneri (PEGA3) / Gardner's yampah									
9082082		SWC-01-YNP-82						140.00 g	
Phacelia hastata (PHHA) / silverleaf phacelia									
9058246		SWC-03-YNP-87						28.00 g	
9058246		SWC-04-YNP-87						10.00 g	
9058246		SWC-06-YNP-87	base			0.00		36.00 g	
9063493		SWC-99-YNP-6						50.00 g	
9082083		SWC-01-YNP-106A						6.00 g	
9087484		SWC-04-YNP-146						18.00 g	
Phacelia sericea (PHSE) / silky phacelia									
9063316		SWC-06-YNP-75	base			0.00		16.00 g	
9081928		SWC-00-YNP-101						21.00 g	
Phleum alpinum (PHAL2) / alpine timothy									
9087697		SWC-06-YNP-85	base			0.00		212.00 g	
Pinus contorta var. latifolia (PICOL) / tall lodgepole pine									
9087606		SWC-05-YNP-87				0.00		135.00 g	
9087711		SWC-06-YNP-95				0.00		69.00 g	
Poa (POA) / bluegrass									
9087330		SWC-03-YNP-57						96.00 g	
9087590		SWC-05-YNP-140				0.00		78.00 g	
Potentilla (POTEN) / cinquefoil									

Accession Release	Lot Number	Bin Number	Current Test Date	Total Purity	Viability	PLS%	Quantity On Hand	
							Bulk	PLS
Potentilla (POTEN) / cinquefoil								
9081817	SWC-99-YNP-1						37.00	g
9081819	SWC-99-YNP-45						24.00	g
9081821	SWC-99-YNP-86						26.00	g
9081822	SWC-99-YNP-140						25.00	g
9081930	SWC-00-YNP-1						88.00	g
9081934	SWC-00-YNP-45						65.00	g
9087485	SWC-04-YNP-31						26.00	g
9087601	SWC-05-YNP-13				0.00		43.00	g
Potentilla arguta (POAR7) / tall cinquefoil								
9054445	SWC-06-YNP-8	base			0.00		136.00	g
9082230	SWC-02-YNP-140						11.00	g
Potentilla glandulosa (POGL9) / sticky cinquefoil								
9082084	SWC-01-YNP-45						40.82	g
9082086	SWC-01-YNP-140						151.00	g
9082086	SWC-05-YNP-140				0.00		78.00	g
Potentilla gracilis (POGR9) / slender cinquefoil								
9058251	SWC-02-YNP-87						13.00	g
9078229	SWC-04-YNP-87						12.00	g
9078577	SWC-04-YNP-55						21.00	g
9081654	SCO-06-YNP-30	base			0.00		9.00	g
9081814	SWC-06-YNP-8	base			0.00		87.00	g
9081935	SWC-00-YNP-34						47.00	g
9081936	SWC-00-YNP-129						22.00	g
9082087	SWC-01-YNP-82						5.08	g
9082232	SWC-04-YNP-13						79.00	g
9082234	SWC-02-YNP-140						128.00	g
9082234	SWC-03-YNP-140						181.00	g
9082234	SWC-04-YNP-140						279.00	g
9087486	SWC-05-YNP-85				0.00		38.00	g
9087487	SWC-04-YNP-143						307.00	g
9087487	SWC-05-YNP-143				0.00		155.00	g
Pseudoroegneria spicata ssp. spicata (PSSPS) / bluebunch wheatgrass								
9063432	SWC-01-YNP-113						90.00	g
9063432	SWC-02-YNP-113						13.00	g
9063432	SWC-03-YNP-113						142.00	g
9063432	SWC-04-YNP-113						20.00	g
9063432	SWC-05-YNP-113				0.00		3.58	lbs
9063432	SWC-06-YNP-113	base			0.00		30.00	g
9075872	SCO-00-YNP-67		8/13/2004		94		27.00	lbs

Accession	Release	Lot Number	Bin Number	Current Test Date	Purity	Total Viability	PLS%	Quantity On Hand	
								Bulk	PLS
Pseudoroegneria spicata ssp. spicata (PSSPS) / bluebunch wheatgrass									
9075872		SCO-98-YNP-67		8/13/2004		95		12.92	lbs
9075872		SCO-99-YNP-67		8/13/2004		97		20.94	lbs
9075872		SWC-97-YNP-67		8/13/2004		69		118.00	g
9076312		SWC-05-YNP-86			0.00			147.00	g
9078507		SWC-00-YNP-34						63.50	g
9078507		SWC-03-YNP-34						30.00	g
9078509		SWC-06-YNP-95	base		0.00			23.00	g
9081553		SCO-04-YNP-16						40.00	g
9081752		SWC-99-YNP-1						17.01	g
9081754		SWC-04-YNP-13						6.00	g
9081754		SWC-05-YNP-13			0.00			285.00	g
9081756		SWC-99-YNP-45						64.00	g
9081757		SCO-05-YNP-57			0.00			224.00	g
9081757		SCO-06-YNP-57	base		0.00			1.19	lbs
9081759		SCO-06-YNP-140	base	12/20/200	96.90	97	93.993	2.74	lbs
9081759		SWC-03-YNP-140						5.00	g
9081759		SWC-05-YNP-140			0.00			1.25	lbs
9087331		SWC-03-YNP-42						98.00	g
9087332		SWC-03-YNP-55						33.00	g
9087333		SWC-03-YNP-143						57.00	g
9087334		SWC-03-YNP-146						16.00	g
9087334		SWC-04-YNP-146						7.00	g
9087334		SWC-05-YNP-146			0.00			84.00	g
9087465		SWC-04-YNP-68						25.00	g
9087465		SWC-05-YNP-68			0.00			2.36	lbs
9087698		SWC-06-YNP-43	base		0.00			1.88	lbs
Rudbeckia (RUDBE) / coneflower									
9087488		SWC-04-YNP-89						67.00	g
Senecio (SENEC) / ragwort									
9087710		SWC-06-YNP-87	base		0.00			94.00	g
Senecio lugens (SELU) / small blacktip ragwort									
9082088		SWC-01-YNP-89						81.00	g
Senecio serra (SESE2) / tall ragwort									
9081823		SWC-99-YNP-140						1.01	g
9081937		SWC-00-YNP-45						6.01	g
Senecio triangularis (SETR) / arrowleaf ragwort									
9082090		SWC-01-YNP-45						12.01	g
9082091		SWC-01-YNP-140						142.00	g
Solidago (SOLID) / goldenrod									

Accession Release	Lot Number	Bin Number	Current Test Date	Total Purity	Viability PLS%	Quantity On Hand	
						Bulk	PLS
Solidago (SOLID) / goldenrod							
9081825	SWC-99-YNP-102					3.02	g
Solidago canadensis var. salebrosa (SOCAS) / salebrosa goldenrod							
9078233	SWC-06-YNP-95	base		0.00		1.00	g
9087604	SWC-05-YNP-128			0.00		102.00	g

IV. SEED CONDITIONING

Yellowstone National Park Seed Conditioning
Bridger Plant Materials Center
2006

Accession	Genus & Species	Collection Site	Collection Date	Collection Time <i>hours</i>	Clean Seed <i>kg</i>
<u>Grass</u>					
9087579	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	85 Canyon Meadows	14-Aug.	2	0.232
9076165	<i>Bromus marginatus</i>	87 Gibbon Falls Picnic Area	25-July	3	0.694
9087448	<i>B. marginatus</i>	85 Canyon Meadows	14- & 15-Aug.	4	0.995
9087691	<i>Carex</i>	88 Tuff Cliffs	24-Aug.	1	0.015
9087692	<i>Carex aquatilis</i>	88 Tuff Cliffs	24-Aug.	1	0.003
9087693	<i>Carex gynocrates</i>	88 Tuff Cliffs	24-Aug.	1	0.074
9087694	<i>Carex utriculata</i>	88 Tuff Cliffs	24-Aug.	1	0.056
-	<i>Elymus elymoides</i>	43 Stephens Creek	5-July	1	No fill
9063200	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	75 Sylvan Pass	30-Aug.	2	0.082
9063439	<i>E. trachycaulus</i> ssp. <i>trachycaulus</i>	85 Canyon Meadows	14- & 15-Aug.	3	0.494
9076211	<i>E. trachycaulus</i> ssp. <i>trachycaulus</i>	95 Madison Maintenance Area	9-Aug.	2	0.535
9075918	<i>Festuca idahoensis</i>	85 Canyon Meadows	14- & 15-Aug.	2	0.058
9087695	<i>Koeleria macrantha</i>	43 Stephens Creek	5-July	1	0.004
9087696	<i>K. macrantha</i>	113 Sage Meadows West	8-Aug.	3	0.001
9087697	<i>Phleum alpinum</i>	85 Canyon Meadows	14- & 15-Aug.	4	0.212
9063432	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	113 Sage Meadows West	8-Aug.	4	0.030
9078509	<i>P. spicata</i> ssp. <i>spicata</i>	95 Madison Maintenance Area	9-Aug.	1	0.023
9087698	<i>P. spicata</i> ssp. <i>spicata</i>	43 Stephens Creek	5-July	2	0.854
<hr style="border-top: 1px dashed black;"/>					
Grass Subtotal:					
17 accessions	12 species	- 7 sites	8 days	38 hours	4.362 kg

Yellowstone National Park Seed Conditioning
Bridger Plant Materials Center
2006

Accession	Genus & Species	Collection Site	Collection Date	Collection Time <i>hours</i>	Clean Seed <i>kg</i>
<u>Forb</u>					
9063167	<i>Achillea millefolium</i>	5 Fantail Geyser	17-Aug.	3	0.020
9063213	<i>A. millefolium</i>	85 Canyon Meadows	14-&15-Aug.	3	0.041
9063333	<i>A. millefolium</i>	101 Pelican Meadow	30-Aug.	1	0.011
9063427	<i>A. millefolium</i>	113 Sage Meadows West	8-Aug.	6	0.059
9076173	<i>A. millefolium</i>	95 Madison Maintenance Area	9-Aug.	3	0.046
9087699	<i>Agoseris glauca</i>	88 Tuff Cliffs	25-July	1	0.001
9082192	<i>Aquilegia caerulea</i>	75 Sylvan Pass	6-Sept.	2	0.009
9076331	<i>Arenaria congesta</i>	5 Fantail Geyser	17-Aug.	3	0.070
9087700	<i>A. congesta</i>	113 Sage Meadows West	8-Aug.	1	0.001
9082195	<i>Arnica longifolia</i>	75 Sylvan Pass	6-Sept.	2	0.017
9087701	<i>Campanula rotundifolia</i>	5 Fantail Geyser	17-Aug.	3	0.012
9087702	<i>Chaenactis douglasii</i>	5 Fantail Geyser	17-Aug.	2	0.111
9087703	<i>Delphinium</i>	75 Sylvan Pass	6-Sept.	1	0.017
9087704	<i>Eriogonum</i>	5 Fantail Geyser	17-Aug.	1	0.014
9063231	<i>Eriogonum umbellatum</i>	95 Madison Maintenance Area	9-Aug.	2	0.032
9081585	<i>E. umbellatum</i>	113 Sage Meadows West	8-Aug.	6	0.410
9081788	<i>E. umbellatum</i>	140 Antelope Creek	10-Aug.	5	0.379
9082065	<i>E. umbellatum</i>	75 Sylvan Pass	30-Aug	2	0.206
9082209	<i>E. umbellatum</i>	146 Swan Lake Pit	25-July	2	0.066
9087595	<i>E.umbellatum</i>	85 Canyon Meadows	15-Aug.	1	0.010
9087705	<i>E. umbellatum</i>	5 Fantail Geyser	17-Aug.	3	0.155
9058231	<i>Eriophyllum lanatum</i>	87 Gibbon Falls Picnic Area	25-July	2	0.014
9087706	<i>E. lanatum</i>	95 Madison Maintenance Area	9-Aug.	2	0.005
9087707	<i>E. lanatum</i>	140 Antelope Creek	August	1	0.007
9087708	<i>Eucephalus engelmannii</i>	75 Sylvan Pass	6-Sept.	2	0.072
9058181	<i>Eurybia integrifolia</i>	85 Canyon Meadows	14-&15-Aug.	4	0.054
9082069	<i>Geranium viscosissimum</i>	140 Antelope Creek	18-Aug.	3	0.030
9081792	<i>Helianthella uniflora</i>	8 Mt. Washburn Grade	10-Aug.	3	0.610
9081795	<i>Heterotheca villosa var. depressa</i>	95 Madison Maintenance Area	9-Aug.	2	0.065

Yellowstone National Park Seed Conditioning
Bridger Plant Materials Center
2006

Accession	Genus & Species	Collection Site	Collection Date	Collection Time <i>hours</i>	Clean Seed <i>kg</i>
<u>Forb-Continued</u>					
9076189	<i>Linum lewisii</i>	95 Madison Maintenance Area	9-Aug.	4	0.096
9081405	<i>L. lewisii</i>	85 Canyon Meadows	14-Aug.	1	0.033
9081800	<i>L. lewisii</i>	140 Antelope Creek	10-Aug.	3	0.152
9082218	<i>Lupinus argenteus</i>	140 Antelope Creek	9-Aug.	4	0.126
9087709	<i>Penstemon procerus</i>	75 Sylvan Pass	6-Sept.	1	0.002
9058246	<i>Phacelia hastata</i>	87 Gibbon Falls Picnic Area	25-July	3	0.036
9063316	<i>Phacelia sericea</i>	75 Sylvan Pass	6-Sept.	1	0.016
9054445	<i>Potentilla arguta</i>	8 Mt. Washburn Grade	10-Aug.	2	0.136
9081814	<i>Potentilla gracilis</i>	8 Mt. Washburn Grade	10-Aug.	2	0.087
9087710	<i>Senecio</i>	87 Gibbon Falls Picnic Area	25-July	2	0.094
9078233	<i>Solidago canadensis</i> var. <i>salebrosa</i>	95 Madison Maintenance Area	9-Aug.	2	0.001
<hr/>					
Forb Subtotal					
40 accessions	25 species	- 12 sites	11 days	97 hours	3.323 kg
Woody Subtotal					
9087711	<i>Pinus contorta</i> var. <i>latifolia</i>	95 Madison Maintenance Area	9-Aug.	2 hours	0.069 kg
<hr/>					
Grand total					
58 accessions	38 species	- 12 sites	13 days	137 hours	7.754g

V. COLLECTION INFORMATION

YELLOWSTONE NATIONAL PARK SEED COLLECTIONS

1. LAVA CREEK

1/4 Mile east of Lava Creek Picnic Area - north of highway

Elevation: 6,500 feet

Dominant Vegetation: *Artemisia tridentata*, *Achnatherum richardsonii*, *Bromus anomalus*, *Koeleria macrantha*

Accession	Genus & Species	Collection Date	Amount (kg)
9054411	<i>Achnatherum richardsonii</i>	8/12/86	.693
9054368	<i>Bromus anomalus</i>	8/12/86	.618
9058165	<i>Achillea millefolium</i>	9/5 & 9/15/89	.052
9054368	<i>Bromus anomalus</i>	8/3/99	.202
9054411	<i>Achnatherum richardsonii</i>	8/3/99	.281
9081697	<i>Bromus marginatus</i>	8/3/99	.160
9081726	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/3/99	.015
9081736	<i>Festuca idahoensis</i>	8/3/99	.256
9081740	<i>Koeleria macrantha</i>	8/3/99	.002
9081752	<i>Pseudoroegneria spicata</i>	8/3/99	.017
9081764	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/3/99	.267
9081787	<i>Eriogonum umbellatum</i>	8/3/99	.252
9081808	<i>Penstemon procerus</i>	8/3/99	.013
9081817	<i>Potentilla</i>	8/3/99	.037
9054368	<i>Bromus anomalus</i>	7/31/00	.203
9081697	<i>Bromus marginatus</i>	-	.324
9054411	<i>Achnatherum richardsonii</i>	7/31/00	.048
9081930	<i>Potentilla</i>	7/31/00	.088

2. BLACKTAIL PLATEAU

1/2 Mile south of turnout adjacent to area disturbed by power corridor

Elevation: 6,800 feet

Dominant Vegetation: *Artemisia tridentata*, *Achnatherum richardsonii*, *Bromus anomalus*, *Geranium viscosissimum*, *Festuca idahoensis*

Accession	Genus & Species	Collection Date	Amount (kg)
9054412	<i>Achnatherum richardsonii</i>	8/12/86	.281
9054367	<i>Bromus anomalus</i>	8/12/86	.250
9054360	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/12/86	.192
9054614	<i>Lupinus</i>	8/19/87	.024

3. FLOATING ISLAND LAKE

1/4 Mile north of Floating Island Lake - on top of hill and on north aspect

Elevation: 6,600 feet

Dominant Vegetation: *Hesperostipa comata* ssp. *comata*, *Achnatherum richardsonii*, *Artemisia tridentata*, *Pseudoroegneria spicata*, *Koeleria macrantha*

Accession	Genus & Species	Collection Date	Amount (kg)
9054369	<i>Bromus marginatus</i>	8/12/86	.050
9054435	<i>Lupinus</i>	8/12/86	.014

4. THREE SENSES

Riparian area west of turnoff to Three Senses Nature Trail - numerous dead snags

Elevation: 7,300 feet

Dominant Vegetation: *Deschampsia caespitosa*, *Elymus trachycaulus*, *Juncus* species

Accession	Genus & Species	Collection Date	Amount (kg)
9054384	<i>Deschampsia caespitosa</i>	8/13/86	.514
9054364	<i>Agrostis scabra</i>	8/13/86	.270
9054366	<i>Agrostis</i>	8/13/86	.043
9054361	<i>Elymus caninus</i>	8/13/86	.103
9054370	<i>Bromus marginatus</i>	8/13/86	.032
9054361	<i>Elymus caninus</i>	8/23 & 8/27/90	.626
9054384	<i>Deschampsia caespitosa</i>	8/23 & 8/27/90	.288

Accession	Genus & Species	Collection Date	Amount (kg)
9063160	<i>Achillea millefolium</i>	8/23 & 8/27/90	.195
9054361	<i>Elymus caninus</i>	8/23 & 8/27/90	2.197
9063161	<i>Heterotheca villosa</i>	8/23 & 8/27/90	.122
9054384	<i>Deschampsia caespitosa</i>	8/23 & 8/27/90	.200
9063163	<i>Eriogonum umbellatum</i>	8/23 & 8/27/90	.107
9054361	<i>Elymus caninus</i>	8/23 & 8/27/90	1.885
9063437	<i>Elymus trachycaulus ssp. trachycaulus</i>	8/24/92	2.862
9063448	<i>Agrostis exarata</i>	8/24/92	.307
9075869	<i>Pseudoroegneria spicata</i>	8/25 & 8/31/93	.039
9063437	<i>Elymus trachycaulus ssp. trachycaulus</i>	8/25 & 8/31/93	1.769
9075942	<i>Arenaria congesta</i>	8/25 & 8/31/93	.038
9054370	<i>Bromus marginatus</i>	8/25 & 8/31/93	.239
9063163	<i>Eriogonum umbellatum</i>	8/25 & 8/31/93	.171
9075958	<i>Lupinus</i>	8/25 & 8/31/93	.031
9076206	<i>Pseudoroegneria spicata</i>	8/10/94	.006
9054361	<i>Elymus caninus</i>	8/10/94	6.240
9076237	<i>Elymus elymoides</i>	8/10/94	.020
9075942	<i>Arenaria congesta</i>	8/10/94	.054
9075958	<i>Lupinus</i>	8/10/94	.025
9063163	<i>Eriogonum umbellatum</i>	8/10/94	.183
9054364	<i>Agrostis scabra</i>	8/22/94	1.106
9054384	<i>Deschampsia caespitosa</i>	8/22/94	.293
9076194	<i>Pedicularis groenlandica</i>	8/22/94	.060
9076194	<i>Pedicularis groenlandica</i>	8/1/95	.619

5. FANTAIL GEYSER

Open area adjacent to Fantail Geyser

Elevation: 7,300 feet

Dominant Vegetation: *Danthonia spicata*, *Bromus marginatus*, *Koeleria macrantha*

Accession	Genus & Species	Collection Date	Amount (kg)
9054371	<i>Bromus marginatus</i>	8/13/86	.092
9054382	<i>Danthonia spicata</i>	8/13/86	.022
9054405	<i>Elymus elymoides</i>	8/13/86	.022
9054389	<i>Elymus glaucus</i>	8/13/86	.075
9054395	<i>Melica subulata</i>	8/13/86	.004
9054615	<i>Phacelia hastata</i>	8/04/87	.005
9063164	<i>Elymus caninus</i>	8/22/90	1.156
9054405	<i>Elymus elymoides</i>	8/22/90	.146
9063165	<i>Heterotheca villosa</i>	8/22/90	.042
9063166	<i>Phacelia hastata</i>	8/22/90	.002
9063167	<i>Achillea millefolium</i>	8/22/90	.023
9063434	<i>Pseudoroegneria spicata</i>	8/24/92	.415
9054405	<i>Elymus elymoides</i>	8/24/92	.040
9063503	<i>Sporobolus airoides</i>	8/24/92	.231
9063164	<i>Elymus caninus</i>	8/18/94	.063
9054389	<i>Elymus glaucus</i>	8/18/94	.014
9054405	<i>Elymus elymoides</i>	8/18/94	.004
9063167	<i>Achillea millefolium</i>	8/18/94	.050
9054371	<i>Bromus marginatus</i>	8/16 & 8/21/95	.130
9054405	<i>Elymus elymoides</i>	8/16 & 8/21/95	.137
9054389	<i>Elymus glaucus</i>	8/16 & 8/21/95	.612
9076307	<i>Elymus trachycaulus ssp. trachycaulus</i>	8/16 & 8/21/95	.182
9063434	<i>Pseudoroegneria spicata</i>	8/16 & 8/21/95	.290
9063167	<i>Achillea millefolium</i>	8/16 & 8/21/95	.111
9076331	<i>Arenaria congesta</i>	8/16 & 8/21/95	.007
9063167	<i>Achillea millefolium</i>	8/17/06	.020
9076331	<i>Arenaria congesta</i>	8/17/06	.070

Accession	Genus & Species	Collection Date	Amount (kg)
9087701	<i>Campanula rotundifolia</i>	8/17/06	.012
9087702	<i>Chaenactis douglasii</i>	8/17/06	.111
9087704	<i>Eriogonum</i>	8/17/06	.014
9087705	<i>Eriogonum umbellatum</i>	8/17/06	.155

6. OLD FAITHFUL

South of Old Faithful Inn in old thermal area

Elevation: 7,400 feet

Dominant Vegetation: *Agrostis idahoensis*, *Panicum thermale*, *Agrostis rossae*

Accession	Genus & Species	Collection Date	Amount (kg)
9054365	<i>Agrostis scabra</i>	8/13/86	.534
9054408	<i>Sporobolus airoides</i>	8/13/86	.017
9063438	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/10 & 8/26/92	.984
9054365	<i>Agrostis scabra</i>	8/10 & 8/26/92	.067
9063451	<i>Arenaria congesta</i>	8/10 & 8/26/92	.017
9063473	<i>Eriogonum umbellatum</i>	8/10 & 8/26/92	.083
9063493	<i>Phacelia hastata</i>	8/10 & 8/26/92	.003
9063505	<i>Solidago canadensis</i> var. <i>salebrosa</i>	8/10 & 8/26/92	.087
9063514	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/10 & 8/26/92	.010
9076303	<i>Elymus glaucus</i>	8/21/95	.071
9063438	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/21/95	.791
9076306	<i>Festuca rubra</i>	8/21/95	.014
9076322	<i>Achillea millefolium</i>	8/21/95	.015
9063473	<i>Eriogonum umbellatum</i>	8/21/95	.012
9078633	<i>Rosa woodsii</i>	11/20/96	.002
9076322	<i>Achillea millefolium</i>	9/15/97	.064
9081386	<i>Artemisia tripartita</i>	11/3/97	trace
9081430	<i>Mahonia repens</i>	9/15/97	.014
9078633	<i>Rosa woodsii</i>	9/15/97	.010
9081389	<i>Spiraea betulifolia</i>	9/15/97	.018
9054365	<i>Agrostis scabra</i>	8/19/98	.473
9063438	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/19/98	.164
9081544	<i>Koeleria macrantha</i>	8/19/98	.027
9081578	<i>Eriogonum flavum</i>	8/19/98	.074
9063473	<i>Eriogonum umbellatum</i>	8/19/98	.303
9081665	<i>Eriophyllum lanatum</i>	8/26/98	.043
9081587	<i>Gentianopsis thermalis</i>	8/19/98	.003
9081430	<i>Mahonia repens</i>	8/17/98	.135
9054405	<i>Elymus elymoides</i>	8/5, 8/16 & 8/30/99	.210
9063438	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/5-8/30/99	.564
9076303	<i>Elymus glaucus</i>	8/16/99	.053
9081544	<i>Koeleria macrantha</i>	8/5 & 8/16/99	.011
9076322	<i>Achillea millefolium</i>	8/5, 8/6, & 8/30/99	.151
9081578	<i>Eriogonum flavum</i>	8/16/99	.012
9063473	<i>Eriogonum umbellatum</i>	8/16/99	1.369
9063493	<i>Phacelia hastata</i>	8/16/99	.050
9081698	<i>Bromus marginatus</i>	8/5/99	1.653
9081706	<i>Calamagrostis canadensis</i>	8/30/99	trace
-	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/16/99	NO FILL
9081778	<i>Antennaria</i>	8/16/99	.005
9081784	<i>Chaenactis douglasii</i>	8/30/99	.082
9081794	<i>Heterotheca villosa</i> var. <i>depressa</i>	8/30/99	.031
9081807	<i>Pedicularis groelandica</i>	8/5/99	.059
9054405	<i>Elymus elymoides</i>	8/14/00	.023
9081544	<i>Koeleria macrantha</i> (<i>crinata</i>)	8/14/00	.019
9076322	<i>Achillea millefolium</i>	8/14/00	.034
9063451	<i>Arenaria congesta</i>	8/14/00	.046

Accession	Genus & Species	Collection Date	Amount (kg)
9081900	<i>Campanula rotundifolia</i>	8/14/00	.023
9081903	<i>Chaenactis douglasii</i>	8/14/00	.078
9081578	<i>Eriogonum flavum</i>	8/14/00	.055
9063473	<i>Eriogonum umbellatum</i>	8/14/00	.256
9081794	<i>Heterotheca villosa</i> var. <i>depressa</i>	8/14/00	.018
9082030	<i>Danthonia</i>	8/20/01	trace
9063438	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/20/01	.722
9081544	<i>Koeleria macrantha</i>	8/20/01	.017
9063451	<i>Arenaria congesta</i>	8/20/01	.030
9082055	<i>Eurybia integrifolia</i>	8/20/01	.005
9081900	<i>Campanula rotundifolia</i>	8/20/01	.031
9081784	<i>Chaenactis douglasii</i>	8/20/01	.044
9063473	<i>Eriogonum umbellatum</i>	8/20/01	.087
9082070	<i>Heterotheca villosa</i>	8/20/01	trace
9063514	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/13/02	.005
9063438	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/13 & 8/14/02	1.784
9082186	<i>Hesperostipa comata</i> ssp. <i>comata</i>	8/13/02	.011
9081544	<i>Koeleria macrantha</i> (<i>crinata</i>)	8/13/02	.006
9076322	<i>Achillea millefolium</i>	8/13/02	.049
9063451	<i>Arenaria congesta</i>	8/13/02	.111
9081900	<i>Campanula rotundifolia</i>	8/14/02	.009
9081784	<i>Chaenactis douglasii</i>	8/13/02	.186
9063473	<i>Eriogonum umbellatum</i>	8/14/02	.224
9082070	<i>Heterotheca villosa</i>	8/13/02	.009
9063438	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/16/05	.292
9081544	<i>Koeleria macrantha</i>	8/16/05	.039
9076322	<i>Achillea millefolium</i>	8/16/05	.051
9063451	<i>Arenaria congesta</i>	8/16/05	.096
9081900	<i>Campanula rotundifolia</i>	8/16/05	.048
9081784	<i>Chaenactis douglasii</i>	8/16/05	.047
9063473	<i>Eriogonum umbellatum</i>	8/16/05	.602
9081794	<i>Heterotheca villosa</i> var. <i>depressa</i>	8/16/05	.020

7. LONE STAR GEYSER

One mile east of Lone Star Geyser Trail

Elevation: 7,800 feet

Dominant Vegetation: *Pinus contorta*, *Carex geyeri*

Accession	Genus & Species	Collection Date	Amount (kg)
9054436	<i>Lupinus argenteus</i>	8/13/86	.100
9081895	<i>Achillea millefolium</i>	8/31/00	.016
9081897	<i>Aster</i>	8/31/00	.081
9081920	<i>Heterotheca villosa</i>	8/31/00	trace
9081825	<i>Pedicularis</i>	8/31/00	.036

8. MOUNT WASHBURN GRADE

Last turnout going up north side before entering forest areas

Elevation: 8,000 feet

Dominant Vegetation: *Artemisia tridentata*, *Balsamorhiza sagittata*, *Perideridia gairdneri*, *Bromus marginatus*,
Helianthella uniflora

Accession	Genus & Species	Collection Date	Amount (kg)
9054372	<i>Bromus marginatus</i>	8/14 & 8/26/86	.385
9054434	<i>Helianthella uniflora</i>	8/14 & 8/26/86	.120
9054445	<i>Potentilla arguta</i>	8/14 & 8/26/86	.046
9054466	<i>Symphoricarpos oreophillus</i>	8/14 & 8/26/86	.008
9054372	<i>Bromus marginatus</i>	8/25/99	.331
9081692	<i>Bromus anomalus</i>	8/25/99	.235
9081727	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/25/99	.080

Accession	Genus & Species	Collection Date	Amount (kg)
9081753	<i>Pseudoroegneria spicata</i>	8/25/99	.182
9081765	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/25/99	.084
9081792	<i>Helianthella uniflora</i>	8/25/99	.195
9081797	<i>Linum lewisii</i>	8/25/99	.019
9081814	<i>Potentilla gracilis</i>	8/25/99	.045
9081692	<i>Bromus anomalus</i>	8/28/01	.497
9054372	<i>Bromus marginatus</i>	8/28 & 9/6/01	.728
9081727	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/28/01	.078
9082039	<i>Leymus cinereus</i>	8/28/01	.182
9081792	<i>Helianthella uniflora</i>	8/28/01	.037
9081814	<i>Potentilla gracilis</i>	8/28/01	.138
9082044	<i>Achillea millefolium</i>	8/28/01	.085
9082078	<i>Perideridia gairdnerii</i>	8/28/01	.164
9054372	<i>Bromus marginatus</i>	8/15/02	.364
9081792	<i>Helianthella uniflora</i>	8/15 & 8/20/02	1.170
9081814	<i>Potentilla gracilis</i>	8/20/02	.081
9081792	<i>Helianthella uniflora</i>	8/23/04	.727
9087479	<i>Heterotheca villosa</i> var. <i>depressa</i>	8/23/04	.004
9081792	<i>Helianthella uniflora</i>	8/10/06	.610
9054445	<i>Potentilla arguta</i>	8/10/06	.136
9081814	<i>Potentilla gracilis</i>	8/10/06	.087

9. CANYON-NORRIS SERVICE ROAD

Service road entrance across from turnoff to Upper Falls

Elevation: 8,000 feet

Dominant Vegetation: *Deschampsia caespitosa*, *Phleum alpinum*, *Perideridia gairdneri*, *Bromus marginatus*,
Phleum pratense

Accession	Genus & Species	Collection Date	Amount (kg)
9054385	<i>Deschampsia caespitosa</i>	8/18/86	.076
9054396	<i>Phleum alpinum</i>	8/18/86	.307
9054415	<i>Antennaria</i>	8/18/86	.001
9054373	<i>Bromus marginatus</i>	8/18/86	.193
9054390	<i>Elymus glaucus</i>	8/18/86	.275
9054437	<i>Lupinus</i>	8/18/86	.167
9054378	<i>Carex geyeri</i>	8/18/86	.003
9054425	<i>Erythronium grandiflorum</i>	8/18/86	.004
9054421	<i>Astragalus miser</i>	8/18/86	.0005
9082045	<i>Achillea millefolium</i>	8/23/01	.013
9082056	<i>Eurybia integrifolia</i>	8/23/01	.007
9082062	<i>Eriogonum umbellatum</i>	8/23/01	.045
9082062	<i>Eriogonum umbellatum</i>	8/19/02	.165
9082210	<i>Geum macrophyllum</i>	8/19/02	.111

10. SAND POINT

West of road, 4.3 miles south of Bridge Bay bridge

Elevation: 7,800 feet

Dominant Vegetation: *Pinus contorta*, *Vaccinium scoparium*, *Carex geyeri*

Accession	Genus & Species	Collection Date	Amount (kg)
9054379	<i>Carex geyeri</i>	8/14/86	.011

11. NATURAL BRIDGE

Along service road west of Natural Bridge

Elevation: 7,800 feet

Dominant Vegetation: *Pinus contorta*, *Carex geyeri*, *Lupinus* species

Accession	Genus & Species	Collection Date	Amount (kg)
9054374	<i>Bromus marginatus</i>	8/19/86	.735
9054386	<i>Deschampsia caespitosa</i>	8/19/86	.213

Accession	Genus & Species	Collection Date	Amount (kg)
9054406	<i>Elymus elymoides</i>	8/19/86	.049
9054383	<i>Danthonia spicata</i>	8/19/86	.020
9054416	<i>Antennaria</i>	8/19/86	.006
9054422	<i>Astragalus miser</i>	8/19/86	.004
9054617	<i>Elymus glaucus</i>	8/24/87	.288
9054386	<i>Deschampsia caespitosa</i>	8/25/98	.147
9081520	<i>Elymus trachycaulus ssp. trachycaulus</i>	8/25/98	.677
9081530	<i>Festuca idahoensis</i>	8/31/98	.360
9081554	<i>Achnatherum occidentale ssp. occidentale</i>	8/25/98	.009
9081562	<i>Achnatherum richardsonii/Festuca idahoensis</i>	8/25/98	.182
9081572	<i>Aster</i>	8/25/98	.036
9081583	<i>Eriogonum umbellatum</i>	no record	.022
9081657	<i>Potentilla</i>	8/25/98	.080

12. HELLROARING OVERLOOK

Steep slope south of road at the Hellroaring Overlook

Elevation: 6,900 feet

Dominant Vegetation: *Pseudotsuga menziesii*, *Physocarpus malvaceus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054455	<i>Physocarpus malvaceus</i>	8/26/86	.053
9054461	<i>Rubus idaeus</i>	8/26/86	.011
9054459	<i>Rosa acicularis</i>	8/26/86	.030
9054467	<i>Symphoricarpos albus</i>	8/26/86	.014
9054448	<i>Acer glabrum</i>	8/26/86	.074
9054453	<i>Juniperus communis</i>	8/26/86	.031
9054463	<i>Shepherdia canadensis</i>	8/26/86	.004
9054400	<i>Poa interior</i>	8/26/86	.015
9054461	<i>Rubus idaeus</i>	7/23/87	.008
9054618	<i>Ribes inerme</i>	7/23/87	.022
9054619	<i>Clematis columbiana</i>	7/23/87	.009
9054754	<i>Shepherdia canadensis</i>	7/21/88	.021

13. MOUNT WASHBURN LOOKOUT TURNOFF

West of road opposite of turn to Washburn Lookout

Elevation: 8,300 feet

Dominant Vegetation: *Pinus contorta*, *Abies lasiocarpa*, *Picea engelmanni*, *Vaccinium scoparium*,
Thalictrum occidentale

Accession	Genus & Species	Collection Date	Amount (kg)
9054462	<i>Sambucus racemosa</i>	8/25 & 8/26/86	.163
9054440	<i>Osmorhiza depauperata</i>	8/25 & 8/26/86	.005
9081693	<i>Bromus anomalus</i>	8/31/99	1.803
9081699	<i>Bromus marginatus</i>	8/31/99	2.307
9081707	<i>Carex A</i>	8/31/99	.016
9081708	<i>Carex B</i>	8/31/99	.017
9081723	<i>Elymus glaucus</i>	8/31/99	.481
9081728	<i>Elymus trachycaulus ssp. trachycaulus</i>	8/31/99	1.684
9081751	<i>Poa</i>	8/31/99	.047
9081754	<i>Pseudoroegneria spicata</i>	8/31/99	.006
9081754	<i>Pseudoroegneria spicata</i>	8/16/00	.006
9081905	<i>Eriogonum umbellatum</i>	August	.055
9081913	<i>Geranium viscosissimum</i>	8/16/00	.037
9081931	<i>Potentilla</i>	8/16/00	.007
9082232	<i>Potentilla gracilis/arguta</i>	8/26/02	.038
9082241	<i>Artemisia tridentata</i>	10/9/02	.046
9054462	<i>Sambucus racemosa</i>	8/26/02	.342
9081905	<i>Eriogonum umbellatum</i>	9/1/04	.093
9081699	<i>Bromus marginatus</i>	9/1/04	.545

Accession	Genus & Species	Collection Date	Amount (kg)
9081728	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/1/04	.175
9081754	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	9/1/04	.006
9087458	<i>Elymus glaucus</i>	9/1/04	.130
9087446	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	9/1/04	.028
9087481	<i>Lupinus argenteus</i>	9/1/04	.067
9082232	<i>Potentilla gracilis</i>	9/1/04	.079
9087578	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	8/24/05	.166
9081693	<i>Bromus anomalus</i>	8/24/05	.257
9081699	<i>Bromus marginatus</i>	8/25/05	3.000
9081728	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/24/05	.481
9087585	<i>Festuca idahoensis</i>	8/24/05	.734
9081754	<i>Poa spicata</i> ssp. <i>spicata</i>	8/24/05	.285
9087596	<i>Eriophyllum lanatum</i>	8/24/05	.006
9087598	<i>Geranium richardsonii</i>	8/24/05	.030
9087599	<i>Helianthella uniflora</i>	8/24/05	.162
9087601	<i>Potentilla</i>	8/24/05	.043

14. MOUNT WASHBURN - WEST

West of road - 2 miles south of Lookout turnoff

Elevation: 8,300 feet

Dominant Vegetation: *Pinus contorta*, *Poa nervosa*, *Bromus marginatus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054402	<i>Poa nervosa</i>	8/26/86	.016
9054426	<i>Campanula rotundifolia</i>	8/26/86	.0005
9081504	<i>Bromus anomalus</i>	9/3/98	.464
9081506	<i>Bromus marginatus</i>	9/3/98	.847
9081517	<i>Elymus glaucus</i>	9/3/98	.107
9081521	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/2 & 9/3/98	.873
9081531	<i>Festuca idahoensis</i>	9/2/98	.123
9081651	<i>Phacelia sericea</i>	9/2/98	.091
9081663	<i>Solidago multiradiata</i>	9/2/98	.003
9081504	<i>Bromus anomalus</i>	8/16/00	.373
9081918	<i>Helianthella uniflora</i>	8/16/00	.328
9081651	<i>Phacelia sericea</i>	8/24/00	.335
9082096	<i>Rosa woodsii</i>	9/18/01	.064
9082023	<i>Agrostis</i>	9/4/01	.090
9081521	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/4/01	.399
9081552	<i>Pseudoroegneria spicata</i>	8/28/01	.064
9082047	<i>Agoseris glauca</i>	8/29/01	.010
9082058	<i>Castilleja crista-galli</i>	8/29/01	.008
9081651	<i>Phacelia sericea</i>	9/11/01	.145
9082095	<i>Ericameria parryi</i> var. <i>parryi</i>	8/29/01	.012
9081506	<i>Bromus marginatus</i>	9/4/02	.182
9081521	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/4 & 9/11/02	.170
9081552	<i>Pseudoroegneria spicata</i>	8/26/02 & 9/11/02	.019
9082190	<i>Aquilegia caerulea</i>	8/26/02	.033
9082207	<i>Eriogonum umbellatum</i>	8/26/02	.311
9081651	<i>Phacelia sericea</i>	9/11/02	.129
9082245	<i>Chrysothamnus</i>	9/11/02	.035
9087316	<i>Carex phaeocephala</i>	9/3/03	.331
9087317	<i>Carex spectabilis</i>	9/3/03	.018

15. MOUNT WASHBURN LOOKOUT (UPPER)

Last stand of trees along road to the Lookout

Elevation: 9,200 feet

Dominant Vegetation: *Pinus contorta*, *Lupinus* species, *Poa nervosa*

Accession	Genus & Species	Collection Date	Amount (kg)
9054403	<i>Poa nervosa</i>	8/26/86	.035
9082179	<i>Bromus anomalus</i>	8/26/02	.271
9082183	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/26/02	.149

16. MOUNT WASHBURN LOOKOUT (LOWER)

Both sides of road, 1/4 mile beyond barrier on road to Lookout

Elevation: 8,800 feet

Dominant Vegetation: *Festuca idahoensis*, *Poa gracillima*, *Poa interior*, *Lupinus* species

Accession	Genus & Species	Collection Date	Amount (kg)
9054399	<i>Poa gracillima</i>	8/26/86	.392
9054401	<i>Poa interior</i>	8/26/86	.052
9081522	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/2/98	1.270
9081532	<i>Festuca idahoensis</i>	9/2/98	.325
9081563	<i>Achillea millefolium</i>	9/2/98	.075
9081579	<i>Eriogonum flavum</i>	9/2/98	.010
9081864	<i>Bromus marginatus</i>	8/16 & 8/24/00	1.148
9081522	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/16/00	3.740
9081889	<i>Pseudoroegneria spicata</i>	8/16 & 8/24/00	.262
9081904	<i>Erigeron speciosus</i>	8/24/00	.308
9081579	<i>Eriogonum flavum</i>	8/16/00	.037
9081906	<i>Eriogonum umbellatum</i>	8/24/00	.340
9081926	<i>Penstemon procerus</i>	8/16/00	.008
9081926	<i>Penstemon procerus</i>	8/29/00	.010
9081522	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/28 & 8/29/01	1.677
9081563	<i>Achillea millefolium</i>	8/29/01	.012
9082052	<i>Symphotrichum chilense</i>	8/28/01	.053
9081904	<i>Erigeron speciosus</i>	8/29/01	.105
9081906	<i>Eriogonum umbellatum</i>	8/29/01	.252
9082072	<i>Lithophragma parviflorum</i>	9/10/01	.003
9081926	<i>Penstemon procerus</i>	8/29/01	.010
9082178	<i>Agrostis scabra</i>	8/26/02	.026
9081864	<i>Bromus marginatus</i>	9/8/04	.215
9081522	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/8/04	.026
9087492	<i>Sambucus racemosa</i>	9/8/04	.048
9081926	<i>Penstemon procerus</i>	9/9/04	.025

17. NORTH TWIN LAKE

On hillside north of lake - thin stand of timber

Elevation: 7,600 feet

Dominant Vegetation: *Pinus contorta*, *Vaccinium scoparium*, *Carex geyeri*, *Festuca occidentalis*

Accession	Genus & Species	Collection Date	Amount (kg)
9054394	<i>Festuca occidentalis</i>	8/26/86	.004
9087320	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/20/03	.244
9087345	<i>Eriogonum umbellatum</i>	8/1/03	.436

18. DUNRAVEN PASS

Elevation: 8,900 feet

Dominant Vegetation: *Abies lasiocarpa*, *Picea engelmannii*, *Pinus contorta*, *Vaccinium scoparium*, *Arnica latifolia*, *Arnica cordifolia*

Accession	Genus & Species	Collection Date	Amount (kg)
9054417	<i>Arnica latifolia</i>	8/27/86	.010
9054429	<i>Erigeron speciosus</i>	8/27/86	.006
9054620	<i>Lupinus</i>	8/5/87	.023
9081507	<i>Bromus marginatus</i>	9/2/98	.844
9081518	<i>Elymus glaucus</i>	9/2/98	.213
9081523	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/2/98	.344
9081577	<i>Chamerion angustifolium</i> ssp. <i>angustifolium</i>	9/2/98	.041

Accession	Genus & Species	Collection Date	Amount (kg)
9081640	<i>Mimulus lewisii</i>	9/2/98	.144
9081662	<i>Senecio</i>	9/2/98	.024
9081989	<i>Pinus albicaulus</i>	9/6/01	12.247
9082097	<i>Sambucus racemosa</i>	9/26/01	.020
9082054	<i>Symphotrichum foliaceum</i> var. <i>foliaceum</i>	9/10/01	trace
9082194	<i>Arnica</i>	8/26 & 9/4/02	.040
9082198	<i>Castilleja crista-galli</i>	8/26/02	.001
9082200	<i>Castilleja linariifolia</i>	8/26 & 9/4/02	.012
9081640	<i>Mimulus lewisii</i>	8/26 & 9/4/02	.158
9082228	<i>Penstemon procerus</i>	8/26/02	.012
9082237	<i>Senecio</i>	8/26/02	.005
9087323	<i>Festuca idahoensis</i>	8/26/03	.101
9087315	<i>Carex gynocrates</i>	9/2/03	.022
9087339	<i>Arnica angustifolia</i>	9/21/03	.025
9082198	<i>Castilleja crista-galli</i>	8/26 & 9/2/03	.004
9082228	<i>Penstemon procerus</i>	8/26 & 9/2/03	.006

19. ARTIST POINT

Southwest of road to Artist Point near Upper Falls observation area

Elevation: 7,500 feet

Dominant Vegetation: *Festuca idahoensis*, *Bromus marginatus*, *Deschampsia caespitosa*, *Artemisia tridentata*, *Potentilla glandulosa*

Accession	Genus & Species	Collection Date	Amount (kg)
9054387	<i>Deschampsia caespitosa</i>	8/27/86	.328
9054392	<i>Festuca idahoensis</i>	8/27/86	.077
9054447	<i>Potentilla glandulosa</i>	8/27/86	.081
9081569	<i>Eurybia integrifolia</i>	8/26/98	.020
9081641	<i>Pedicularis groenlandica</i>	8/26/98	.003
9081658	<i>Potentilla</i>	8/26/98	.230
9081569	<i>Eurybia integrifolia</i>	8/24/99	.018
9081815	<i>Potentilla gracilis</i>	8/24/99	.057
9054387	<i>Deschampsia caespitosa</i>	8/21/00	.174
9081874	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/21 & 8/30/00	.549
9081569	<i>Eurybia integrifolia</i>	8/30/00	.019
9081907	<i>Eriogonum umbellatum</i>	8/21/00	.094
9081932	<i>Potentilla</i>	8/21/00	.212
9082181	<i>Bromus marginatus</i>	8/20/02	.041
9082184	<i>Phleum alpinum</i>	8/19/02	.037
9081569	<i>Eurybia integrifolia</i>	8/21/02	.023
9081815	<i>Potentilla gracilis</i>	8/19 & 8/21/02	.341
9082184	<i>Phleum alpinum</i>	9/9/03	.020

20. PELICAN CREEK TRAIL HEAD

Between access road and main highway at the road barrier

Elevation: 8,000 feet

Dominant Vegetation: *Fragaria* species, *Artemisia cana*, *Argentina anserina*

Accession	Genus & Species	Collection Date	Amount (kg)
9054444	<i>Argentina anserina</i>	8/27/86	.040
9063168	<i>Poa</i>	8/21/90	.272
9063169	<i>Eurybia integrifolia</i>	8/21/90	.033
9076158	<i>Bromus marginatus</i>	8/30/95	1.465
9076308	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/30/95	.165
9076316	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	8/30/95	.061
9076323	<i>Achillea millefolium</i>	8/30/95	.017
9063169	<i>Eurybia integrifolia</i>	8/30/95	.001
9078226	<i>Dasiphora floribunda</i>	8/30/95	.144
9076158	<i>Bromus marginatus</i>	8/19/96	.638

Accession	Genus & Species	Collection Date	Amount (kg)
9078482	<i>Deschampsia caespitosa</i>	8/19/96	.260
9076308	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/19/96	.212
9078496	<i>Festuca idahoensis</i>	8/19/96	.083
9063169	<i>Eurybia integrifolia</i>	8/19/96	.006
9078580	<i>Potentilla</i>	8/19/96	.019

21. LAKE TURBID BURN AREA

Burn area 2 miles west of Lake Turbid, along access road

Elevation: 8,000 feet

Dominant Vegetation: *Pinus contorta*, *Elymus glaucus*, *Trisetum montanum*

Accession	Genus & Species	Collection Date	Amount (kg)
9054391	<i>Elymus glaucus</i>	8/27/86	.665
9054413	<i>Trisetum montanum</i>	8/27/86	.045
9054427	<i>Castilleja</i>	8/27/86	.002
9054423	<i>Astragalus miser</i>	8/27/86	.005
9054363	<i>Agrostis exarata</i>	8/27/86	.035
9054377	<i>Calamagrostis neglecta</i>	8/27/86	.018
9078273	<i>Geranium viscosissimum</i>	8/24/95	.020

22. INDIAN POND

Large meadow north of Indian Pond and north of highway

Elevation: 7,750 feet

Dominant Vegetation: *Artemisia cana*, *Festuca idahoensis*, *Delphinium occidentale*

Accession	Genus & Species	Collection Date	Amount (kg)
9054393	<i>Festuca idahoensis</i>	8/27/86	.244
9054397	<i>Poa ampla</i>	8/27/86	.033
9054397	<i>Poa</i>	8/9 & 8/25/90	.454
9063170	<i>Hesperostipa comata</i> ssp. <i>comata</i>	8/9 & 8/25/90	.034
9063171	<i>Achillea millefolium</i>	8/9 & 8/24/90	.045
9063172	<i>Lupinus</i>	8/9 & 8/24/90	.310
9054397	<i>Poa</i>	8/9 & 8/24/90	.009
9063173	<i>Eurybia integrifolia</i>	8/9 & 8/24/90	.003
9063309	<i>Frasera speciosa</i>	9/13 & 9/16/91	1.289
9063348	<i>Potentilla gracilis</i>	9/13 & 9/16/91	.095
9063171	<i>Achillea millefolium</i>	8/25 & 8/31/92	.159
9063173	<i>Eurybia integrifolia</i>	8/25 & 8/31/92	.051
9063172	<i>Lupinus</i>	8/25 & 8/31/92	.726
9075874	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/13 & 9/16/93	.139
9075906	<i>Deschampsia caespitosa</i>	9/13 & 9/16/93	.003
9054393	<i>Festuca idahoensis</i>	9/13 & 9/16/93	.110
9075906	<i>Deschampsia caespitosa</i>	8/15 & 8/16/94	.794
9076229	<i>Elymus glaucus</i>	8/15 & 8/16/94	.897
9054393	<i>Festuca idahoensis</i>	8/15 & 8/16/94	.356
9076188	<i>Linum lewisii</i>	8/15 & 8/16/94	.058
9063172	<i>Lupinus</i>	8/15 & 8/16/94	.072
9076196	<i>Penstemon</i>	8/15 & 8/16/94	.028
9076159	<i>Bromus marginatus</i>	8/29/95	1.666
9054393	<i>Festuca idahoensis</i>	8/29/95	.056
9076317	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	8/29/95	.056
9063173	<i>Eurybia integrifolia</i>	8/29/95	.002
9076339	<i>Eriogonum umbellatum</i>	8/29/95	.034
9063172	<i>Lupinus</i>	8/29/95	.210
9076196	<i>Penstemon cyaneus</i>	8/29/95	.125
9076159	<i>Bromus marginatus</i>	9/2 & 9/4/97	2.035
9081354	<i>Carex</i>	9/2/97	.129
9075874	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/2/97	.243
9081373	<i>Phleum alpinum</i>	9/2/97	.063

Accession	Genus & Species	Collection Date	Amount (kg)
9063171	<i>Achillea millefolium</i>	9/2/97	.054
9063173	<i>Eurybia integrifolia</i>	9/2 & 9/4/97	.066
9076339	<i>Eriogonum umbellatum</i>	9/2 & 9/4/97	.116
9076188	<i>Linum lewisii</i>	9/2 & 9/4/97	.043
9063172	<i>Lupinus argenteus</i>	9/2/97	.028
9081417	<i>Perideridia gairdneri</i>	9/9/97	.352
9063348	<i>Potentilla gracilis</i>	9/2 & 9/9/97	.305
9075906	<i>Deschampsia caespitosa</i>	8/11/98	.077
9075874	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/26/98	.129
9054393	<i>Festuca idahoensis</i>	8/11/98	.031
9076317	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	8/11/98	.028
9063171	<i>Achillea millefolium</i>	8/26/98	.002
9076188	<i>Linum lewisii</i>	8/26/98	.025
9063348	<i>Potentilla gracilis</i>	8/26/98	.016
9076188	<i>Linum lewisii</i>	8/26/98	.025
9076188	<i>Linum lewisii</i>	8/27/01	.050
9063172	<i>Lupinus argenteus</i>	8/27/01	.190
9075874	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/22/02	.029
9063171	<i>Achillea millefolium</i>	8/22/02	.023
9076188	<i>Linum lewisii</i>	8/22/02	.026
9082222	<i>Oxytropis splendens</i>	8/22/02	.023

23. DUCK LAKE

Access road to Pistol Range, west of Duck Lake

Elevation: 8,100 feet

Dominant Vegetation: *Calamagrostis canadensis*, *Vaccinium scoparium*, *Pinus contorta*

Accession	Genus & Species	Collection Date	Amount (kg)
9054418	<i>Arnica mollis</i>	8/27/86	.001
9058043	<i>Achillea millefolium</i>	1989	.299
9058244	<i>Achillea millefolium</i>	8/28/90	.120
9058235	<i>Arnica</i>	8/28/90	.020

24. OLD MAMMOTH-GARDINER ROAD

Two miles north of Mammoth to east of road

Elevation: 6,000 feet

Dominant Vegetation: *Leymus cinereus*, *Chrysothamnus nauseosus*, *Artemisia tridentata*,

Pseudoroegneria spicata

Accession	Genus & Species	Collection Date	Amount (kg)
9054388	<i>Leymus cinereus</i>	8/28/86	.638
9075871	<i>Pseudoroegneria spicata</i>	8/12 & 8/18/93	.433
9075908	<i>Leymus cinereus</i>	8/12 & 8/18/93	.385
9081524	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	7/27/98	.125
9081546	<i>Koeleria macrantha</i>	7/21/98	.070
9075871	<i>Pseudoroegneria spicata</i>	7/26 & 7/28/99	.221
9081524	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	7/27/99	.394
9081546	<i>Koeleria macrantha</i>	7/26 & 7/27/99	.021
9081700	<i>Bromus marginatus</i>	7/27/99	.021
9081737	<i>Festuca idahoensis</i>	7/26/99	.087
9081747	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	7/26 & 7/27/99	.590
9081749	<i>Pascopyrum smithii</i>	7/26/99	.050
9081760	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/26 & 7/27/99	.470
9081766	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	7/26 & 7/27/99	.248
9081722	<i>Achillea millefolium</i>	7/26/99	.001
9081789	<i>Eriophyllum lanatum</i>	7/27/99	trace
9081798	<i>Linum lewisii</i>	7/26/99	.037
9081801	<i>Lupinus argenteus</i>	7/27/99	.242
9081849	<i>Juniperus scopulorum</i>	9/27 & 9/28/00	.145

25. OBSIDIAN CLIFF

Steep slope below the cliff, 200 yards south of information sign

Elevation: 7,883 feet

Dominant Vegetation: *Pseudoroegneria spicata*, *Elymus trachycaulus*, *Bromus marginatus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054359	<i>Pseudoroegneria spicata</i>	8/28/86	.090
9087459	<i>Elymus glaucus</i>	8/26/04	.053

26. MIDWAY GEYSER BASIN

North of Geyser Basin, north of road

Elevation: 7,300 feet

Dominant Vegetation: *Heterotheca villosa*, *Phacelia hastata*, *Aristida* species

Accession	Genus & Species	Collection Date	Amount (kg)
9054428	<i>Heterotheca villosa</i>	8/28/86	.012
9054428	<i>Heterotheca villosa</i>	8/24/87	.100
9063325	<i>Achillea millefolium</i>	8/27/91	.003
9076160	<i>Bromus marginatus</i>	8/3/95	.392
9076314	<i>Hesperostipa comata</i> ssp. <i>comata</i>	8/3/95	.043
9078222	<i>Phacelia hastata</i>	8/3/95	.021

27. SHOSHONE POINT

Steep road cuts at Shoshone Point and 2 miles east

Elevation: 8,074 feet

Dominant Vegetation: *Achnatherum occidentale* ssp. *occidentale*, *Elymus elymoides*, *Phacelia hastata*,
Penstemon species

Accession	Genus & Species	Collection Date	Amount (kg)
9054410	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	8/28/86	.055
9054407	<i>Elymus elymoides</i>	8/28/86	.046
9054443	<i>Penstemon cyaneus</i>	8/28/86	.017
9054621	<i>Oryzopsis exigua</i>	7/24/87	.038
9054410	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	7/24/87	.017
9054622	<i>Lupinus</i>	7/24/87	.035
9054623	<i>Phacelia hastata</i>	7/24/87	.124
9054407	<i>Elymus elymoides</i>	7/24/87	.068
9054624	<i>Penstemon cyaneus</i>	9/10/87	.062
9058202	<i>Salix exigua</i>	8/1/88	veg 40
9054623	<i>Phacelia hastata</i>	8/9/89	.016
9058159	<i>Pinus contorta</i>	10/18/89	.001

28. ARNICA CREEK BAY

North of Bay created by levy, north of highway

Elevation: 7,776 feet

Dominant Vegetation: *Eriogonum umbellatum*, *Phacelia hastata*, *Eriophyllum lanatum*

Accession	Genus & Species	Collection Date	Amount (kg)
9054431	<i>Eriogonum umbellatum</i>	8/28/86	.150
9054433	<i>Eriophyllum lanatum</i>	8/28/86	.044
9054380	<i>Carex</i> A	8/28/86	.050
9054381	<i>Carex</i> B	8/28/86	.032
9081360	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/3/97	.063
9081396	<i>Eriogonum flavum</i>	9/3/97	trace
9054431	<i>Eriogonum umbellatum</i>	9/3/97	.475
9081411	<i>Penstemon cyaneus</i>	9/3/97	.092
9081428	<i>Sedum stenopetalum</i>	9/3/97	.005
9081510	<i>Danthonia spicata</i>	8/11/98	.033
9081513	<i>Elymus elymoides</i>	8/11/98	.046
9081360	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/11/98	.525
9081533	<i>Festuca idahoensis</i>	8/11 & 8/12/98	.745
9081650	<i>Phacelia hastata</i>	8/11/98	.032

Accession	Genus & Species	Collection Date	Amount (kg)
9081360	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/19/99	.420
9081533	<i>Festuca idahoensis</i>	8/19/99	.090
9081396	<i>Eriogonum flavum</i>	8/19/99	.054
9054431	<i>Eriogonum umbellatum</i>	8/19/99	.157
9081650	<i>Phacelia hastata</i>	8/19/99	.105
9081701	<i>Bromus marginatus</i>	8/19/99	.563
9081709	<i>Carex</i>	8/19/99	.392
9081755	<i>Achillea millefolium</i>	8/19/99	.004
9081776	<i>Agoseris glauca</i>	8/19/99	.005
9081809	<i>Penstemon procerus</i>	8/19/99	.005
9081813	<i>Polemonium</i>	8/19/99	.041

29. EAST ENTRANCE

Five miles west of East Entrance

Elevation: 7,200 feet

Dominant Vegetation: *Penstemon fruticosus*, *Bromus marginatus*, *Anaphalis margaritacea*,
Argentina anserina

Accession	Genus & Species	Collection Date	Amount (kg)
9054442	<i>Penstemon fruticosus</i>	9/14/86	.005
9054465	<i>Sorbus scopulina</i>	9/14/86	.038
9054414	<i>Anaphalis margaritacea</i>	9/14/86	.029
9054753	<i>Penstemon fruticosus</i>	8/8/88	.290
9058157	<i>Anaphalis margaritacea</i>	10/19/89	.001

30. DUNRAVEN PASS (SOUTH)

1/2 Mile south of Dunraven Pass on open hillside west of road

Elevation: 8,800 feet

Dominant Vegetation: *Festuca idahoensis*, *Bromus marginatus*, *Elymus trachycaulus*, *Potentilla arguta*

Accession	Genus & Species	Collection Date	Amount (kg)
9054375	<i>Bromus marginatus</i>	9/15/86	2.016
9054362	<i>Elymus caninus</i>	9/15/86	.338
9054398	<i>Poa cusickii</i>	9/15/86	.021
9054446	<i>Potentilla arguta</i>	9/15/86	.079
9054538	<i>Lupinus</i>	9/15/86	.213
9054625	<i>Lupinus</i>	8/19/87	.133
9054362	<i>Elymus caninus</i>	8/30/89	.158
9054375	<i>Bromus marginatus</i>	8/30/89	1.283
9054446	<i>Potentilla arguta</i>	8/30/89	.008
9054375	<i>Bromus marginatus</i>	9/8/97	2.360
9081400	<i>Geranium viscosissimum</i>	9/8/97	.311
9054375	<i>Bromus marginatus</i>	9/2/98	.245
9081547	<i>Koeleria macrantha</i>	9/2/98	.007
9081570	<i>Eurybia integrifolia</i>	9/2/98	.034
9081580	<i>Eriogonum flavum</i>	9/2/98	.010
9081644	<i>Pedicularis</i>	9/6/98	.087
9081654	<i>Potentilla gracilis</i>	9/2/98	.065
9081659	<i>Potentilla</i>	9/2/98	.022
9081400	<i>Geranium viscosissimum</i>	9/2/99	.122
9081818	<i>Potentilla</i>	9/2/99	.003
9054375	<i>Bromus marginatus</i>	8/24/00	1.568
9081875	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/24/00	.277
9081890	<i>Pseudoroegneria spicata</i>	8/24/00	.015
9081570	<i>Eurybia integrifolia</i>	9/7/00	.514
9081400	<i>Geranium viscosissimum</i>	8/24/00	.277
9081919	<i>Helianthella uniflora</i>	8/24/00	.407
9081933	<i>Potentilla</i>	8/24/00	.156
9081654	<i>Potentilla gracilis</i>	9/7/00	.333

Accession	Genus & Species	Collection Date	Amount (kg)
9081938	<i>Senecio</i>	9/7/00	.006
9081570	<i>Eurybia integrifolia</i>	8/30/01	.025
9081400	<i>Geranium viscosissimum</i>	8/30/01	.019
9082031	<i>Elymus glaucus</i>	8/30/01	.109
9082061	<i>Erigeron compositus</i>	9/4/01	.046
9082063	<i>Eriogonum umbellatum</i>	9/4/01	.072
9054446	<i>Potentilla arguta</i>	8/30 & 9/4/01	.153
9081654	<i>Potentilla gracilis</i>	8/30/01	.069
9082074	<i>Penstemon procerus</i>	9/6/01	.008
9082079	<i>Perideridia gairdnerii</i>	8/30/01	.087
9054375	<i>Bromus marginatus</i>	8/27/02	.397
9082031	<i>Elymus glaucus</i>	8/29/02	.152
9082191	<i>Aquilegia caerulea</i>	8/29/02	.003
9082063	<i>Eriogonum umbellatum</i>	8/29/02	.180
9081919	<i>Helianthella uniflora</i>	8/29/02	.584
9082215	<i>Lupinus argenteus</i>	8/29/02	.134
9082223	<i>Pedicularis bracteosa</i>	8/29/02	.104
9054446	<i>Potentilla arguta</i>	8/29/02	.252
9081654	<i>Potentilla gracilis</i>	8/29/02	.079
9082235	<i>Rudbeckia</i>	8/29/02	.006
9082238	<i>Senecio</i>	8/29/02	.061
9082242	<i>Artemisia tridentata</i>	10/9/02	.128

31. FISHING BRIDGE THEATER

Along lake shore west of amphitheater

Elevation: 7,750 feet

Dominant Vegetation: *Bromus marginatus*, *Rubus* species, *Achnatherum occidentale* ssp *occidentalis*

Accession	Genus & Species	Collection Date	Amount (kg)
9054376	<i>Bromus marginatus</i>	9/15/86	.193
9054404	<i>Poa nervosa</i>	9/15/86	.042
9054409	<i>Stipa columbiana</i>	9/15/86	.030
9054626	<i>Phacelia hastata</i>	8/5/87	.005
9054631	<i>Polemonium</i>	8/5/87	.105
9058168	<i>Eurybia integrifolia</i>	8/21/89	.210
9058169	<i>Potentilla</i>	8/21/89	.006
9063443	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/25/92	.333
9054376	<i>Bromus marginatus</i>	8/25/92	1.200
9063513	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/25/92	.339
9075940	<i>Achillea millefolium</i>	9/7 & 9/16/93	.076
9063443	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/7 & 9/16/93	1.607
9054376	<i>Bromus marginatus</i>	9/7 & 9/16/93	.239
9075948	<i>Eriogonum umbellatum</i>	9/7 & 9/16/93	.023
9075962	<i>Penstemon</i>	9/7 & 9/16/93	.014
9054626	<i>Phacelia hastata</i>	9/7 & 9/16/93	.038
9063513	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	9/7 & 9/16/93	.134
9063443	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/16/94	.439
9054376	<i>Bromus marginatus</i>	8/16/94	.443
9076239	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	8/16/94	.121
9076192	<i>Lupinus</i>	8/16/94	.053
9076217	<i>Agrostis scabra</i>	8/23/94	.095
9075940	<i>Achillea millefolium</i>	8/23/94	.017
9075962	<i>Penstemon</i>	8/23/94	.028
9076176	<i>Eurybia integrifolia</i>	8/23/94	.033
9054376	<i>Bromus marginatus</i>	8/19 & 8/22/96	.545
9063443	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/19 & 8/22/96	.876
9075940	<i>Achillea millefolium</i>	8/19/96	.014
9078530	<i>Eurybia conspica</i>	8/19/96	.022

Accession	Genus & Species	Collection Date	Amount (kg)
9075948	<i>Eriogonum umbellatum</i>	8/22/96	.073
9078572	<i>Penstemon cyaneus</i>	8/17/96	.116
9058169	<i>Potentilla</i>	8/19/96	.060
9076217	<i>Agrostis scabra</i>	9/4/97	.083
9063443	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/4/97	.069
9076239	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	9/4/97	.286
9081377	<i>Achillea lanulosa</i>	9/4/97	.058
9078572	<i>Penstemon cyaneus</i>	9/4/97	.159
9076217	<i>Agrostis scabra</i>	8/29/98	.003
9054376	<i>Bromus marginatus</i>	8/24/98	.230
9081511	<i>Deschampsia caespitosa</i>	8/24/98	.025
9063443	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/24/98	.321
9081534	<i>Festuca idahoensis</i>	8/24/98	.177
9076239	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	8/24/98	.028
9081561	<i>Achnatherum richardsonii</i>	8/24/98	.340
9081564	<i>Achillea millefolium</i>	8/24/98	.005
9058168	<i>Eurybia integrifolia</i>	8/24/98	.022
9081591	<i>Linum lewisii</i>	8/26/98	.025
9081647	<i>Penstemon procerus</i>	8/24/98	.058
9081653	<i>Dasiphora floribunda</i>	8/18/98	.024
9054376	<i>Bromus marginatus</i>	8/26/99	.790
9063443	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/26/99	.339
9063513	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/26/99	.002
9081511	<i>Deschampsia caespitosa</i>	8/26/99	.005
9081561	<i>Achnatherum richardsonii</i>	8/26/99	.031
9075948	<i>Eriogonum umbellatum</i>	8/26/99	.269
9081647	<i>Penstemon procerus</i>	8/26/99	.140
9081694	<i>Bromus anomalus</i>	8/31/99	1.803
9081710	<i>Carex</i>	8/26/99	.010
9058168	<i>Eurybia integrifolia</i>	8/26/99	.005
9081791	<i>Geum macrophyllum</i>	8/26/99	.005
9081804	<i>Lupinus</i>	8/26/99	.020
9063513	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/17/00	.287
9075940	<i>Achillea millefolium</i>	8/17/00	.011
9081647	<i>Penstemon procerus</i>	8/17/00	.223
9081940	<i>Solidago canadensis</i> var. <i>salebrosa</i>	8/18/00	trace
9063443	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/27/01	.286
9063513	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/27/01	.008
9075948	<i>Eriogonum umbellatum</i>	8/27/01	.197
9076217	<i>Agrostis scabra</i>	8/27/01	.018
9082205	<i>Erigeron compositus</i>	8/22/02	.032
9081647	<i>Penstemon procerus</i>	8/22/02	.303
9075948	<i>Eriogonum umbellatum</i>	8/22/02	.324
9075948	<i>Eriogonum umbellatum</i>	8/24/04	.043
9063513	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/24/04	.331
9054376	<i>Bromus marginatus</i>	8/24/04	1.747
9063443	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/24/04	2.969
9075948	<i>Eriogonum umbellatum</i>	8/24/04	.043
9058168	<i>Eurybia integrifolia</i>	8/24/04	.041
9081647	<i>Penstemon procerus</i>	8/24/04	.194
9087485	<i>Potentilla</i>	8/24/04	.026
9063443	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/25/05	1.800
9075940	<i>Achillea millefolium</i>	8/25/05	.010
9058168	<i>Eurybia integrifolia</i>	8/25/05	.016

32. GULL POINT DRIVE

Old roadway at start of Gull Point Drive, along lake shore

Elevation: 7,740 feet

Dominant Vegetation: *Symphotrichum foliaceum* var. *foliaceum*, *Achillea millefolium*, *Argentina anserina*,
Pinus contorta

Accession	Genus & Species	Collection Date	Amount (kg)
9054420	<i>Eurybia integrifolia</i>	9/15/86	.234
9054420	<i>Eurybia integrifolia</i>	8/24/87	.156
9081711	<i>Carex</i>	8/19/99	.186
9081712	<i>Carex</i>	8/19/99	.042
Accession	Genus & Species	Collection Date	Amount (kg)
9081718	<i>Danthonia intermedia</i>	8/19/99	.021
9081720	<i>Deschampsia caespitosa</i>	8/19/99	.003
9081761	<i>Hesperostipa comata</i> ssp <i>comata</i>	8/19/99	.005

33. BUNSEN ROAD

At Glen Creek bridge on Bunsen Road

Elevation: 6,300 feet

Dominant Vegetation: *Pseudotsuga menziesii*, *Symphoricarpos* species, *Physocarpus malvaceus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054449	<i>Acer glabrum</i>	9/16/86	.136
9054460	<i>Rosa</i>	9/16/86	.066
9054468	<i>Symphoricarpos</i>	9/16/86	.016
9054454	<i>Mahonia repens</i>	9/16/86	.004

34. GLEN CREEK ROAD

Beyond barrier behind shop area at YCC Camp

Elevation: 6,500 feet

Dominant Vegetation: *Prunus virginiana*, *Shepherdia canadensis*, *Symphoricarpos* species, *Pseudotsuga menziesii*, *Pinus contorta*

Accession	Genus & Species	Collection Date	Amount (kg)
9054469	<i>Symphoricarpos</i>	9/16/86	.013
9054451	<i>Betula occidentalis</i>	9/16/86	.035
9054456	<i>Prunus virginiana</i>	9/16/86	.018
9054456	<i>Prunus virginiana</i>	8/27/87	.715
9058164	<i>Leymus cinereus</i>	9/5/89	1.000
9078504	<i>Pascopyrum smithii</i>	7/30/96	.064
9078507	<i>Pseudoroegneria spicata</i>	7/30/96	.055
9078549	<i>Eriogonum umbellatum</i>	7/30/96	.224
9078559	<i>Helianthella uniflora</i>	7/30/96	.069
9078562	<i>Linum lewisii</i>	7/30/96	.021
9078565	<i>Lupinus</i>	7/30/96	.031
9081865	<i>Bromus marginatus</i>	7/25/00	.149
9078507	<i>Pseudoroegneria spicata</i>	7/31/00	.063
9081892	<i>Achnatherum nelsonii</i> ssp <i>nelsonii</i>	7/25/00	.177
9081935	<i>Potentilla gracilis</i>	7/25/00	.047
9058164	<i>Leymus cinereus</i>	8/23/02	1.476
9082216	<i>Lupinus argenteus</i>	7/23/02	.800
9078904	<i>Pascopyrum smithii</i>	7/29/03	.038
9078507	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	7/28/03	.030
9087344	<i>Clematis</i>	8/7/03	.028
9078562	<i>Linum lewisii</i>	7/28 & 29/03	.015

35. UNDINE FALLS

Along trail to top of falls

Elevation: 6,400 feet

Dominant Vegetation: *Pseudotsuga menziesii*, *Juniperus communis*, *Arctostaphylos uva-ursi*

Accession	Genus & Species	Collection Date	Amount (kg)
9054450	<i>Arctostaphylos uva-ursi</i>	9/16/86	.014
9054450	<i>Arctostaphylos uva-ursi</i>	8/19/87	.009
9054632	<i>Ribes hudsoniana</i>	8/19/87	.001
9081908	<i>Eriogonum umbellatum</i>	9/6/00	.216
9081941	<i>Physocarpus malvaceus</i>	9/6/00	.036

36. CAPITAL HILL

Hillside across from chapel at Mammoth

Elevation: 6,200 feet

Dominant Vegetation: *Artemisia tridentata*, *Chrysothamnus nauseosus*, *Agropyron spicatum*, *Festuca idahoensis*, *Leymus cinereus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054452	<i>Chrysothamnus nauseosus</i>	9/16/86	.094
9054432	<i>Eriogonum umbellatum</i>	9/16/86	.046
9081876	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/27 & 9/28/00	.181
9081886	<i>Leymus cinereus</i>	9/27/00	.759

37. HOLMES POINT

Northeast of area of Yellowstone Lake

Elevation: 7,800 feet

Dominant Vegetation: *Abies lasiocarpa*, *Thalictrum occidentale*, *Heracleum maximum*

Accession	Genus & Species	Collection Date	Amount (kg)
9054419	<i>Eucephalus engelmannii</i>	9/17/86	.027
9054424	<i>Astragalus miser</i>	9/17/86	.002
9054439	<i>Lupinus</i>	9/17/86	.015
9054441	<i>Oxytropis</i>	9/17/86	.008
9054627	<i>Astragalus alpinus</i>	8/5/87	.005
9054439	<i>Lupinus</i>	8/5/87	.056
9054628	<i>Arnica vigaria</i>	8/5/87	.045
9054629	<i>Potentilla arguta</i>	8/5/87	.025
9054630	<i>Polemonium pulcherrimum</i>	8/5/87	.0005
9054424	<i>Astragalus miser</i>	8/5/87	.0005

38. CUB CREEK

One mile west of Cub Creek bridge, north of highway

Elevation: 8,400 feet

Dominant Vegetation: *Pinus contorta*, *Abies lasiocarpa*, *Elymus glaucus*, *Vaccinium scoparium*

Accession	Genus & Species	Collection Date	Amount (kg)
9054430	<i>Erigeron subtrinervis</i>	9/17/86	.005
9075905	<i>Deschampsia caespitosa</i>	9/14/93	.029

39. LAKE ELEANOR

East end of lake by falls

Elevation: 8,500 feet

Dominant Vegetation: *Ribes* species, *Salix* species, *Heracleum maximum*

Accession	Genus & Species	Collection Date	Amount (kg)
9054458	<i>Ribes montigenum</i>	9/17/86	.001
9054457	<i>Ribes lacustre</i>	9/17/86	.002
9063445	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/31 & 9/9/92	.016
9063449	<i>Anaphalis margaritacea</i>	8/31 & 9/9/92	.031
9063454	<i>Eucephalus engelmannii</i>	8/31 & 9/9/92	.008
9063469	<i>Elymus glaucus</i>	8/31 & 9/9/92	.039
9063476	<i>Eriogonum umbellatum</i>	8/31 & 9/9/92	.058
9063479	<i>Geranium viscosissimum</i>	8/31 & 9/9/92	.013
9063476	<i>Eriogonum umbellatum</i>	9/14/93	.056
9087581	<i>Bromus marginatus</i>	8/24/05	1.403
9063469	<i>Elymus glaucus</i>	8/25/05	.342

Accession	Genus & Species	Collection Date	Amount (kg)
9087585	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/-/05	.137
9087591	<i>Aquilegia flavescens</i>	8/25/05	.036
9087593	<i>Arnica</i>	8/25/05	.004
9087594	<i>Arnica mollis</i>	8/25/05	.022
9063476	<i>Eriogonum umbellatum</i>	8/25/05	.367
9063454	<i>Eucephalus engelmannii</i>	8/25/05	.014
9087602	<i>Potentilla</i>	8/25/05	.105
9087603	<i>Senecio</i>	8/25/05	.031

40. SYLVAN PASS

100 Yards down east side of Sylvan Pass on talus slope north of highway

Elevation: 8,500 feet

Dominant Vegetation: *Pinus flexilis*, *Juniperus communis*, *Shepherdia canadensis*, *Oryzopsis exigua*, *Ribes lacustre*

Accession	Genus & Species	Collection Date	Amount (kg)
9054464	<i>Shepherdia canadensis</i>	9/17/86	.001
9063324	<i>Rubus idaeus</i>	9/16/91	.030
9063346	<i>Eriogonum umbellatum</i>	8/28/91	.022
9063321	<i>Ribes</i>	9/16/91	.017
9063323	<i>Sambucus racemosa</i>	9/16/91	.005
9063332	<i>Potentilla</i>	8/28/91	.011
9081866	<i>Bromus marginatus</i>	8/22/00	.522
9081877	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/22/00	.190
-	<i>Mertensia</i>	8/22/00	NO FILL
9081923	<i>Mimulus guttatus</i>	8/22/00	.007
9081939	<i>Senecio</i>	8/22/00	.056
9087472	<i>Castilleja crista-galli</i>	9/9/04	.011

41. OLD GARDINER ROAD (LOWER)

On bench east of road, east of water tank

Elevation: 5,600 feet

Dominant Vegetation: *Hesperostipa comata* ssp. *comata*, *Koeleria macrantha*, *Opuntia* species, *Chrysothamnus* species

Accession	Genus & Species	Collection Date	Amount (kg)
9054576	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/22/87	.233
9054738	<i>Chrysothamnus nauseosus</i>	10/15/87	.060
9081525	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	7/23 & 7/27/98	2.402
9081501	<i>Achnatherum hymenoides</i>	7/29/98	.040
9054576	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/29/98	1.825
9081592	<i>Linum lewisii</i>	7/30/98	.400
9054576	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/21/99	.132
9081525	<i>Elymus trachycaulus</i>	7/21/99	.056
9081744	<i>Leymus cinereus</i>	9/15/99	.608
9081772	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	7/21/99	.228
9081885	<i>Koeleria macrantha</i> (<i>crinata</i>)	7/27/00	.030
9081501	<i>Achnatherum hymenoides</i>	7/27 & 8/9/00	.419
9081592	<i>Linum lewisii</i>	8/9/00	.003
9081885	<i>Koeleria macrantha</i> (<i>crinata</i>)	7/15/03	.008
9087335	<i>Achillea millefolium</i>	7/14, 7/29, & 8/5/03	.046

42. RESCUE CREEK TRAIL BRIDGE

Along Gardiner River

Elevation: 5,300 feet

Dominant Vegetation: *Rhus trilobata*, *Ribes* species, *Juniperus communis*

Accession	Genus & Species	Collection Date	Amount (kg)
9054577	<i>Rhus trilobata</i>	7/22/87	2.165
9054578	<i>Ribes cereum</i>	7/22/87	.052

Accession	Genus & Species	Collection Date	Amount (kg)
9054579	<i>Cornus stolonifera</i>	7/22/87	.006
9054580	<i>Sporobolus cryptandrus</i>	7/22/87	.052
9054739	<i>Artemisia tridentata</i>	12/22/87	.050
9054739	<i>Artemisia tridentata</i>	12/12/88	.068
9081551	<i>Achnatherum hymenoides</i>	7/30/98	.812
9081551	<i>Achnatherum hymenoides</i>	7/21/99	.250
9081745	<i>Leymus cinereus</i>	9/15/99	.914
9081786	<i>Erigeron compositus</i>	7/22/99	.020
9081790	<i>Eriophyllum lanatum</i>	7/21/99	.012
9081987	<i>Betula nigra</i>	10/4/01	.021
9081551	<i>Achnatherum hymenoides</i>	8/6/02	.020
9082182	<i>Elymus caninus</i>	8/6/02	.003
-	<i>Krascheninnikovia lanata</i>	8/6/02	no fill
9087331	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	7/15/03	.098

43. STEPHENS CREEK

North of road on bench

Elevation: 5,300 feet

Dominant Vegetation: *Hesperostipa comata* ssp. *comata*, *Bromus tectorum*, *Opuntia* species

Accession	Genus & Species	Collection Date	Amount (kg)
9054635	<i>Agropyron smithii</i>	8/14/86	.320
9054581	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/22/87	.165
9054637	<i>Krascheninnikovia lanata</i>	10/7/87	.039
9081385	<i>Artemisia tridentata</i>	11/6/97	.037
9081395	<i>Chrysothamnus nauseosus</i>	11/6/97	.037
9054581	<i>Hesperostipa comata</i> ssp. <i>comata</i>	8/3/99	.014
-	<i>Pascopyrum smithii</i>	7/20/99	NO FILL
9081773	<i>Nassella viridula</i>	7/20/99	.652
9054581	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/1/03	.044
9082302	<i>Allium cernuum</i>	6/30/03	.217
-	<i>Elymus elymoides</i>	7/5/06	NO FILL
9087695	<i>Koeleria macrantha</i>	7/5/06	.004
9087698	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	7/5/06	.854

44. REESE CREEK

East of creek, north of the road

Elevation: 5,280 feet

Dominant Vegetation: *Agropyron cristatum*, *Hesperostipa comata* ssp. *comata*, *Sporobolus cryptandrus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054582	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/22/87	1.943
9054633	<i>Pseudoroegneria spicata</i>	7/22/87	.245
9054636	<i>Artemisia frigida</i>	10/7 & 10/16/87	.150
9054638	<i>Sporobolus cryptandrus</i>	10/7/87	.158
9054582	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/20/99	.374

45. TOWER FALLS

North of Falls, steep road cuts west of road

Elevation: 6,600 feet

Dominant Vegetation: *Rubus idaeus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054583	<i>Rubus idaeus</i>	7/23/87	.020
9081695	<i>Bromus anomalus</i>	8/18/99	.013
9081702	<i>Bromus marginatus</i>	8/18/99	.235
9081729	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/17/99	.071
9081756	<i>Pseudoroegneria spicata</i>	8/18/99	.064
9081779	<i>Aster englemannii</i>	8/17/99	.001
9081819	<i>Potentilla</i>	8/18/99	.024

Accession	Genus & Species	Collection Date	Amount (kg)
9081729	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/16/00	.033
9081887	<i>Leymus cinereus</i>	9/12/00	1.590
9081756	<i>Pseudoroegneria spicata</i>	8/18/00	.064
9081896	<i>Achillea millefolium</i>	9/16/00	.001
9081916	<i>Heracleum maximum</i>	8/16/00	.190
9081934	<i>Potentilla</i>	8/16/00	.065
9081937	<i>Senecio serra</i>	8/16/00	.006
9081729	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/22/01	.092
9081887	<i>Leymus cinereus</i>	8/22/01	.382
9081896	<i>Achillea millefolium</i>	8/22/01	.007
9082057	<i>Campanula rotundifolia</i>	8/22/01	.022
9082059	<i>Castilleja linariifolia</i>	8/22/01	.002
9082064	<i>Eriogonum umbellatum</i>	8/22/01	.098
9082084	<i>Potentilla glandulosa</i>	8/22/01	.041
9082090	<i>Senecio triangularis</i>	8/22/01	.012
9081896	<i>Achillea millefolium</i>	8/20/02	.033
9082057	<i>Campanula rotundifolia</i>	8/20/02	.003
9081887	<i>Leymus cinereus</i>	8/23/04	.190
9081896	<i>Achillea millefolium</i>	8/23/04	.046
9087473	<i>Erigeron compositus</i>	8/23/04	.014
9081729	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/18/05	.218
9081887	<i>Leymus cinereus</i>	8/18/05	.340
9081896	<i>Achillea millefolium</i>	8/18/05	.023

46. DIVIDE-LITTLE THUMB CREEK

.6 Miles east of Divide Creek Campground - intermittent drainage south of road

Elevation: 8,200 feet

Dominant Vegetation: *Deschampsia caespitosa*, *Danthonia intermedia*, *Antennaria umbrinella*

Accession	Genus & Species	Collection Date	Amount (kg)
9054584	<i>Antennaria umbrinella</i>	7/23/87	.003
9054585	<i>Phleum alpinum</i>	8/18/87	.155
9054586	<i>Deschampsia caespitosa</i>	8/18/87	.565
9078479	<i>Carex</i>	9/4/96	.123
9078480	<i>Danthonia intermedia</i>	9/4/96	.026
9078493	<i>Elymus trachycaulus</i>	9/4/96	1.532
9078505	<i>Phleum alpinum</i>	9/4/96	.044
9078531	<i>Eurybia integrifolia</i>	9/4/96	.002

47. OLD FAITHFUL EXIT

Flat, open areas east of interchange on both sides of road

Elevation: 7,400 feet

Dominant Vegetation: *Achnatherum occidentale* ssp. *occidentale*, *Heterotheca villosa*, *Koeleria macrantha*,
Pinus contorta

Accession	Genus & Species	Collection Date	Amount (kg)
9054587	<i>Chaenactis douglasii</i>	8/18/87	.001
9054634	<i>Poa compressa</i>	8/18/87	.580
9054587	<i>Chaenactis douglasii</i>	8/9/89	.061
9082213	<i>Heterotheca villosa</i> var <i>depressa</i>	8/14 & 8/28/02	.205

48. NORRIS PASS

1/4 Mile west of Norris Pass - talus slope south of road

Elevation: 8,300 feet

Dominant Vegetation: *Rubus idaeus*, *Ribes* species, *Aquilegia flavescens*

Accession	Genus & Species	Collection Date	Amount (kg)
9054588	<i>Rubus idaeus</i>	8/18/87	.065
9054589	<i>Ribes</i>	8/18/87	.062
9054590	<i>Arnica latifolia</i>	8/18/87	.013

Accession	Genus & Species	Collection Date	Amount (kg)
9054161	<i>Arnica cordifolia</i>	8/9/89	.002
9058156	<i>Anaphalis margaritacea</i>	10/19/89	.001

49. MOUNT WASHBURN - BURN VIEWPOINT

Three miles south of Mount Washburn turnoff - open hillside

Elevation: 8,700 feet

Dominant Vegetation: *Poa rupicola*, *Phacelia sericea*, *Elymus trachycaulus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054591	<i>Poa pattersonii</i>	8/18/87	1.655
9054592	<i>Lupinus</i>	8/18/87	.059
9054593	<i>Phacelia sericea</i>	8/18/87	.225
9054594	<i>Elymus elymoides</i>	8/18/87	.036
9081346	<i>Bromus marginatus</i>	9/11/97	1.850
9081357	<i>Elymus caninus</i>	9/11/97	.311
9081403	<i>Helianthella uniflora</i>	9/8 & 9/11/97	.551
9081423	<i>Potentilla gracilis</i>	9/11/97	.074
9081346	<i>Bromus marginatus</i>	9/2/99	.209
9081403	<i>Helianthella uniflora</i>	9/2/99	.314
9081730	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/2/99	.014
9081780	<i>Eurybia integrifolia</i>	9/2/99	.004
9081785	<i>Clematis hirsutissima</i>	9/2/99	.003
9081820	<i>Potentilla</i>	9/2/99	.016
9081909	<i>Eriogonum</i>	8/24/00	.251
9081403	<i>Helianthella uniflora</i>	8/24/00	.800
9081346	<i>Bromus marginatus</i>	8/30 & 9/4/01	.412
9081730	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/30/01	.450
9081780	<i>Eurybia integrifolia</i>	8/30/01	.063
9082080	<i>Perideridia gairdnerii</i>	8/30/01	.271
9081423	<i>Potentilla gracilis</i>	8/30 & 9/4/01	.303
9082203	<i>Clematis</i>	8/29/02	.027
9082208	<i>Eriogonum umbellatum</i>	8/29/02	.074
9082196	<i>Eucephalus engelmannii</i>	10/9/02	.156
9081403	<i>Helianthella uniflora</i>	8/29/02	.120
9082224	<i>Pedicularis bracteosa</i>	8/29/02	.013
9081423	<i>Potentilla gracilis</i>	8/29/02	.081
9082243	<i>Artemisia tridentata</i>	10/9/02	.069
9087327	<i>Glyseria striata</i>	9/4/03	.162
9087336	<i>Allium cernuum</i>	9/4/03	.005
9087343	<i>Cirsium</i>	9/3/03	.001

50. MAMMOTH CHAPEL

South and east of Chapel adjacent to lawn area

Elevation: 6,200 feet

Dominant Vegetation: *Pinus flexilis*, *Pseudoroegneria spicata*, *Linaria dalmatica*

Accession	Genus & Species	Collection Date	Amount (kg)
9054595	<i>Pinus flexilis</i> #1	8/19/87	.365
9054596	<i>Pinus flexilis</i> #2	8/19/87	.985
9054597	<i>Pinus flexilis</i> #3	8/19/87	1.090
9054598	<i>Pinus flexilis</i> #4	8/19/87	1.740
9063174	<i>Pinus flexilis</i>	8/29 & 9/1/90	.025
9063175	<i>Pinus flexilis</i>	8/29 & 9/1/90	.073
9075881	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/9-10/93	.935
9075964	<i>Phacelia hastata</i>	8/9-10/93	.049

51. PETRIFIED TREE TURNOFF

East of turnoff, south of main highway

Elevation: 6,600 feet

Dominant Vegetation: *Geranium viscosissimum*, *Geranium richardsonii*, *Potentilla* species, *Pseudotsuga menziesii*

Accession	Genus & Species	Collection Date	Amount (kg)
9054599	<i>Geranium viscosissimum</i>	8/20/87	.062
9054600	<i>Geranium richardsonii</i>	8/20/87	.065
9054601	<i>Potentilla gracilis</i>	8/20/87	.075

52. TOWER GRADE

3/4 Mile west of Tower Junction

Elevation: 6,600 feet

Dominant Vegetation: *Pseudoroegneria spicata*, *Achnatherum richardsonii*, *Hesperostipa comata* ssp *comata*, *Lupinus* species

Accession	Genus & Species	Collection Date	Amount (kg)
9054602	<i>Achnatherum richardsonii</i>	8/20/87	.125
9054603	<i>Lupinus</i>	8/20/87	.444

53. OBSIDIAN CLIFF - TURNOUT

On steep slope above information sign

Elevation: 7,900 feet

Dominant Vegetation: *Pinus contorta*, *Carex geyeri*, *Arctostaphylos uva-ursi*

Accession	Genus & Species	Collection Date	Amount (kg)
9054604	<i>Arctostaphylos uva-ursi</i>	8/20/87	.021

54. LEWIS LAKE

Along east shore

Elevation: 7,780 feet

Dominant Vegetation: *Pinus contorta*, *Lupinus* species

Accession	Genus & Species	Collection Date	Amount (kg)
9054605	<i>Lupinus argenteus</i>	7/30/87	.150

55. POTTS HOT SPRINGS

Hot Springs area 1/2 mile north of West Thumb Junction

Elevation: 7,750 feet

Dominant Vegetation: *Heterotheca villosa*, *Anaphalis margaritacea*, *Pinus contorta*

Accession	Genus & Species	Collection Date	Amount (kg)
9054606	<i>Anaphalis margaritacea</i>	8/24/87	.035
9054607	<i>Heterotheca villosa</i>	8/24/87	.033
9054608	<i>Antennaria</i>	8/24/87	.002
9058036	<i>Chaenactis douglasii</i>	8/15/89	.085
9058039	<i>Bromus marginatus</i>	8/15/89	3.757
9058038	<i>Achillea millefolium</i>	8/15/89	.277
9054606	<i>Anaphalis margaritacea</i>	9/15/89	.060
9054607	<i>Heterotheca villosa</i>	9/15/89	.043
9058040	<i>Eriogonum umbellatum</i>	9/15/89	.352
9058041	<i>Solidago</i>	9/15/89	.063
9058042	<i>Aster</i>	9/15/89	.077
9058241	<i>Achillea millefolium</i>	8/25 & 9/1/90	.373
9058243	<i>Eriogonum umbellatum</i>	8/25 & 9/1/90	.195
9058238	<i>Anaphalis margaritacea</i>	8/25 & 9/1/90	.101
9058241	<i>Achillea millefolium</i>	8/25 & 9/1/90	.046
9063176	<i>Solidago</i>	8/25 & 9/1/90	.038
9058238	<i>Anaphalis margaritacea</i>	8/25 & 9/1/90	.041
9076238	<i>Elymus elymoides</i>	8/16/94	.158
9076207	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/23/94	.340
9076230	<i>Elymus glaucus</i>	8/23/94	.549

Accession	Genus & Species	Collection Date	Amount (kg)
9076235	<i>Festuca idahoensis</i>	8/23/94	.130
9076240	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	8/23/94	.055
9058241	<i>Achillea millefolium</i>	8/23/94	.149
9054606	<i>Anaphalis margaritarea</i>	8/23/94	.049
9076177	<i>Eurybia integrifolia</i>	8/23/94	.076
9058041	<i>Solidago</i>	8/23/94	.074
9076197	<i>Penstemon deustus</i>	9/01/94	.549
9076198	<i>Penstemon montanus</i>	9/01/94	.116
9058039	<i>Bromus marginatus</i>	8/17/94	1.380
9076302	<i>Deschampsia caespitosa</i>	8/17/94	.022
9076230	<i>Elymus glaucus</i>	8/17/94	.282
9076240	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	8/17/94	.062
9058241	<i>Achillea millefolium</i>	9/7/94	.030
9054606	<i>Anaphalis margaritacea</i>	9/7/94	.077
9076177	<i>Eurybia integrifolia</i>	9/7/94	.010
9058243	<i>Eriogonum umbellatum</i>	9/7/94	.192
9078207	<i>Helianthella uniflora</i>	9/7/94	.088
9078210	<i>Lupinus</i>	9/7/94	.102
9078213	<i>Pedicularis</i>	9/7/94	.012
9076197	<i>Penstemon deustus</i>	9/7/94	.203
9076198	<i>Penstemon montanus</i>	9/7/94	.339
9058039	<i>Bromus marginatus</i>	8/21/96	1.259
9078481	<i>Danthonia intemedia</i>	8/21/96	.035
9076302	<i>Deschampsia caespitosa</i>	8/21/96	.060
9076230	<i>Elymus glaucus</i>	8/21/96	.439
9076207	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/21/96	.848
9058241	<i>Achillea millefolium</i>	8/21/96	.011
9054606	<i>Anaphalis margaritacea</i>	8/26/96	.022
9076177	<i>Eurybia integrifolia</i>	8/21/96	.013
9076197	<i>Penstemon deustus</i>	8/26/96	.254
9078573	<i>Penstemon fruticosus</i>	8/26/96	.174
9078577	<i>Potentilla gracilis</i>	8/26/96	.004
9081341	<i>Agrostis scabra</i>	9/3/97	.184
9058039	<i>Bromus marginatus</i>	9/3/97	.603
9081355	<i>Carex</i>	9/3/97	.058
9076302	<i>Deschampsia caespitosa</i>	9/3/97	.018
9076230	<i>Elymus glaucus</i>	9/3/97	.307
9076207	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/3/97	.281
9076240	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	9/3/97	.103
9058241	<i>Achillea millefolium</i>	9/3/97	.037
9081341	<i>Agrostis scabra</i>	8/27/98	.074
9058039	<i>Bromus marginatus</i>	8/27/98	.332
9076230	<i>Elymus glaucus</i>	8/27/98	.340
9076207	<i>Elymus trachycaulus</i>	8/27/98	.448
9058241	<i>Achillea millefolium</i>	8/27/98	.003
9058039	<i>Bromus marginatus</i>	9/1 & 9/7/99	.230
9076207	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/1 & 9/7/99	1.141
9076230	<i>Elymus glaucus</i>	9/1 & 9/7/99	.670
9076238	<i>Elymus elymoides</i>	9/1/99	.015
9081767	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	9/7/99	.489
9058241	<i>Achillea millefolium</i>	9/1/99	.033
9081767	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/23/00	.263
9058039	<i>Bromus marginatus</i>	8/22/00	.610
9081869	<i>Carex</i> A	8/23/00	.223
9081870	<i>Carex</i> B	8/23/00	.324
9076230	<i>Elymus glaucus</i>	8/23/00	1.191
9076207	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/23/00	1.380

Accession	Genus & Species	Collection Date	Amount (kg)
9081888	<i>Phleum alpinum</i>	8/23/00	.096
9081767	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/23/00	.263
9058241	<i>Achillea millefolium</i>	8/23/00	.022
9081922	<i>Lupinus sericeus</i>	8/23/00	.013
9076230	<i>Elymus glaucus</i>	8/27/02	.145
9076207	<i>Elymus trachycaulus</i>	8/27/02	.244
9081888	<i>Phleum alpinum</i>	8/27/02	.012
9058039	<i>Bromus marginatus</i>	7/31/03	1.374
9076230	<i>Elymus glaucus</i>	8/31/03	.099
9076235	<i>Festuca idahoensis</i>	7/31/03	.034
9087332	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/1/03	.033
9081767	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	9/2/04	.152
9058039	<i>Bromus marginatus</i>	9/2/04	.292
9076230	<i>Elymus glaucus</i>	9/2/04	.437
9076207	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/2/04	.331
9078577	<i>Potentilla gracilis</i>	9/2/04	.021
9058039	<i>Bromus marginatus</i>	9/1/05	.476
9087583	<i>Carex phaeocephala</i>	9/1/05	.188
9076230	<i>Elymus glaucus</i>	9/1/05	.462
9076207	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/1/05	.823
9076235	<i>Festuca idahoensis</i>	9/1/05	.173

56. YCC CAMP

Corral area

Elevation: 6,500 feet

Dominant Vegetation: *Leymus cinereus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054609	<i>Leymus cinereus</i>	9/10/87	.658
9058166	<i>Achillea millefolium</i>	8/31/89	.068
9058167	<i>Symphotrichum chilense</i>	9/14/89	.085
9058170	<i>Solidago canadensis</i>	9/14/89	.050

57. RIFLE RANGE

Large flat south and west of old Cavalry Rifle Range

Elevation: 5,420 feet

Dominant Vegetation: *Hesperostipa comata* ssp. *comata*, *Koeleria macrantha*, *Sporobolus cryptandrus*,
Ceratoides lanata

Accession	Genus & Species	Collection Date	Amount (kg)
9054610	<i>Koeleria macrantha</i>	7/27/87	.010
9081502	<i>Hesperostipa comata</i> ssp. <i>comata</i>	8/5/98	.925
9054610	<i>Koeleria macrantha</i>	7/22/99	trace
9081502	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/20 to 8/2/99	1.179
9081748	<i>Achnatherum hymenoides</i>	7/22 & 7/28/99	.308
9081750	<i>Pascopyrum smithii</i>	7/26/99	.055
9081757	<i>Pseudoroegneria spicata</i>	7/21 & 7/22/99	.091
9081827	<i>Krascheninnikovia lanata</i>	7/21, 7/22, & 7/29/99	.026
9081880	<i>Festuca idahoensis</i>	7/12/00	.545
9081502	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/6, 7/12, & 7/19/00	1.358
9081502	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/24/02	.221
9082244	<i>Betula occidentalis</i>	9/30/02	.046
9081826	<i>Krascheninnikovia lanata</i>	10/8/02	.027
9081748	<i>Achnatherum hymenoides</i>	7/11, 7/13, & 7/15/03	1.731
9081502	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/14/03	.688
9054610	<i>Koeleria macrantha</i>	7/17/03	.008
9087328	<i>Leymus cinereus</i>	8/5/03	1.705
9087329	<i>Nassella viridula</i>	7/17, 7/22, 7/29, & 8/1/03	.869
9087321	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	7/15/03	.005

Accession	Genus & Species	Collection Date	Amount (kg)
9087330	<i>Poa</i>	7/15/03	.126
9081757	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	7/14/03	.082
9087337	<i>Antennaria</i>	7/15/03	.001
9087346	<i>Eriogonum umbellatum</i>	8/5/03	.025
9087313	<i>Linum lewisii</i>	8/5/03	.032

58. CANYON VILLAGE

In the area of Section A & B

Elevation: 8,100 feet

Dominant Vegetation: *Bromus marginatus*, *Phleum pratense*, *Symphotrichum foliaceum* var. *foliaceum*, *Elymus glaucus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054611	<i>Eurybia integrifolia</i>	9/8/87	.015

59. HOLMES POINT - PICNIC AREA

Meadow at edge of trees north of restrooms

Elevation: 7,750 feet

Dominant Vegetation: *Pinus contorta*, *Elymus glaucus*, *Urtica dioica*

Accession	Genus & Species	Collection Date	Amount (kg)
9054612	<i>Elymus glaucus</i>	9/11/87	.433
9054612	<i>Elymus glaucus</i>	8/23/94	.223

60. BLACKTAIL PLATEAU ROAD

Elevation: 6,960 feet

Dominant Vegetation: *Artemisia tridentata*, *Achnatherum richardsonii*, *Bromus anomalus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054740	<i>Artemisia tridentata</i>	12/16/87	.009

61. BLACKTAIL PLATEAU GRADE

Elevation: 6,900 feet

Dominant Vegetation: *Artemisia tridentata*, *Achnatherum richardsonii*, *Bromus anomalus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054741	<i>Artemisia tridentata</i>	12/16/87	.010

62. BLACKTAIL POND

Elevation: 6,720 feet

Dominant Vegetation: *Artemisia tridentata*, *Achnatherum richardsonii*, *Bromus anomalus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054742	<i>Artemisia tridentata</i>	12/16/87	.015

63. MAMMOTH HOUSING

Elevation: 6,000 feet

Dominant Vegetation: *Artemisia tridentata*, *Hesperostipa comata* ssp. *comata*, *Pseudoroegneria spicata*

Accession	Genus & Species	Collection Date	Amount (kg)
9054743	<i>Artemisia tridentata</i>	12/16/87	.007
9054744	<i>Chrysothamnus nauseosus</i>	12/16/87	.002
9081367	<i>Leymus cinereus</i>	8/26/97	5.055
9081404	<i>Helianthella uniflora</i>	8/26/97	.077
9081367	<i>Leymus cinereus</i>	9/12/00	3.203
9082093	<i>Artemisia tridentata</i>	10/8/00	.039
9054744	<i>Chrysothamnus nauseosus</i>	9/7/00	.854
9081367	<i>Leymus cinereus</i>	9/26/02	.866

64. GARDINER ENTRANCE

Elevation: 5,300 feet

Dominant Vegetation: *Artemisia tridentata*, *Hesperostipa comata* ssp. *comata*, *Pseudoroegneria spicata*, *Chrysothamnus nauseosus*

Accession	Genus & Species	Collection Date	Amount (kg)
9054745	<i>Chrysothamnus nauseosus</i>	12/22/87	.005
9081500	<i>Elymus caninus</i>	8/10/98	1.865
9081526	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	7/28/98	5.700
9081862	<i>Achnatherum hymenoides</i>	7/5/00	.219
9081891	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/5 & 7/6/00	1.009
9081862	<i>Achnatherum hymenoides</i>	7/1, 7/8/ & 7/10/03	1.429
9082303	<i>Lewisia rediviva</i>	7/8/03	.031
9087324	<i>Festuca idahoensis</i>	7/8/03	.071
9087349	<i>Machaeranthera canescens</i> ssp. <i>canescens</i>	9/1/03	.002
9087354	<i>Grayia spinosa</i>	6/30/03	.012

65. OLD FAITHFUL INTERCHANGE

South of interchange in subirrigated lowland

Elevation: 7,400 feet

Dominant Vegetation: *Deschampsia caespitosa*, *Elymus trachycaulus*, *Carex* species

Accession	Genus & Species	Collection Date	Amount (kg)
9054751	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/8/88	1.814
9058035	<i>Lupinus</i>	7/26/89	.015
9058033	<i>Arenaria congesta</i>	8/9 & 8/15/89	.013
9058034	<i>Phacelia hastata</i>	8/9 & 8/15/89	.010
9058037	<i>Chaenactis douglasii</i>	8/9 & 8/15/89	.201
9058037	<i>Chaenactis douglasii</i>	7/31/90	.058
9058035	<i>Lupinus</i>	7/31/90	.055
9063177	<i>Achillea millefolium</i>	8/14/90	.003
9058033	<i>Arenaria congesta</i>	8/14/90	.110
9058037	<i>Chaenactis douglasii</i>	8/14/90	.800
9063178	<i>Heterotheca villosa</i>	8/14/90	.114
9063179	<i>Eriogonum umbellatum</i>	8/14/90	.056
9063177	<i>Achillea millefolium</i>	8/14/90	.138
9054751	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/18/92	1.151
9058033	<i>Arenaria congesta</i>	8/18/92	.108
9058037	<i>Chaenactis douglasii</i>	8/18/92	.015
9063179	<i>Eriogonum umbellatum</i>	8/18/92	.115
9058035	<i>Lupinus</i>	8/18/92	.031
9076161	<i>Bromus marginatus</i>	8/16/95	.548
9076315	<i>Hesperostipa comata</i> ssp. <i>comata</i>	8/16/95	.048
9058033	<i>Arenaria congesta</i>	8/16/95	.107
9063179	<i>Eriogonum umbellatum</i>	8/16/95	.033
9058035	<i>Lupinus</i>	8/16/95	.053
9081503	<i>Agrostis scabra</i>	8/17/98	.052
9081512	<i>Elymus caninus</i>	8/17/98	.098
9081514	<i>Elymus elymoides</i>	8/17/98	.139
9054751	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/17/98	.373
9081548	<i>Koeleria macrantha</i>	8/19/98	.220
9063177	<i>Achillea millefolium</i>	8/17/98	.015
9058037	<i>Chaenactis douglasii</i>	8/17/98	.024
9081581	<i>Eriogonum flavum</i>	8/17/98	.143
9054751	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/14/02	1.724
9076161	<i>Bromus marginatus</i>	8/19/04	.047
9054751	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/18/04	.943
9081548	<i>Koeleria macrantha</i>	8/19/04	.024
9058033	<i>Arenaria congesta</i>	8/18/04	.195

66. DELACEY CREEK

DeLacey Creek trail from highway south for 2 miles toward Shoshone Lake

Elevation: 7,800 feet

Dominant Vegetation: *Carex* species, *Elymus trachycaulus*, *Deschampsia caespitosa*

Accession	Genus & Species	Collection Date	Amount (kg)
9054746	<i>Carex geyeri</i>	7/19/88	.006
9054747	<i>Phleum alpinum</i>	8/11/88	.227
9054748	<i>Potentilla gracilis</i>	8/11/88	.265
9054752	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/11/88	1.134
9054752	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/21/89	.900
9063180	<i>Achillea millefolium</i>	8/28/90	.068
9054752	<i>Elymus trachycaulus</i>	8/28/90	.707
9063181	<i>Festuca idahoensis</i>	8/28/90	.972

67. BISCUIT BASIN

Both sides of Firehole River south of Biscuit Basin parking area

Elevation: 7,280 feet

Dominant Vegetation: *Deschampsia caespitosa*, *Elymus trachycaulus*, *Carex* species

Accession	Genus & Species	Collection Date	Amount (kg)
9054750	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	7/10/88	3.402
9063182	<i>Arenaria congesta</i>	8/22 & 8/31/90	.040
9063183	<i>Calamagrostis rubescens</i>	8/22 & 8/31/90	.035
9063184	<i>Elymus glaucus</i>	8/22 & 8/31/90	.235
9063185	<i>Koeleria macrantha</i>	8/22 & 8/31/90	.139
9054750	<i>Elymus trachycaulus</i>	8/22 & 8/31/90	.620
9075872	<i>Pseudoroegneria spicata</i>	8/30 & 8/31/93	.492
9054750	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/30 & 8/31/93	.143
9063182	<i>Arenaria congesta</i>	8/30 & 8/31/93	.065
9075895	<i>Bromus marginatus</i>	8/30 & 8/31/93	1.606
9063184	<i>Elymus glaucus</i>	8/30 & 8/31/93	.371
9075920	<i>Festuca idahoensis</i>	8/30 & 8/31/93	.171
9075927	<i>Elymus elymoides</i>	8/30 & 8/31/93	.202
9075872	<i>Pseudoroegneria spicata</i>	7/22 8/5/97	.118
9075939	<i>Achillea millefolium</i>	8/30 & 8/31/93	.197
9063185	<i>Koeleria macrantha</i>	8/19/98	.007
9075939	<i>Achillea millefolium</i>	8/19/98	.005
9063182	<i>Arenaria congesta</i>	1998	.055
9081588	<i>Gentianopsis thermalis</i>	8/19/98	.005

68. MAMMOTH CAMPGROUND

Throughout camping area east of NP headquarters

Elevation: 6,000 feet

Dominant Vegetation: *Artemisia tridentata*

Accession	Genus & Species	Collection Date	Amount (kg)
9054815	<i>Artemisia tridentata</i>	12/12/88	.049
9078503	<i>Achnatherum hymenoides</i>	7/31/96	.049
9081361	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/6/97	.739
9078503	<i>Achnatherum hymenoides</i>	7/22/97	.021
9081390	<i>Balsamorhiza sagittata</i>	7/9/97	.017
9081910	<i>Eriogonum umbellatum</i>	7/26/00	.204
9081910	<i>Eriogonum umbellatum</i>	7/23 & 7/30/02	1.981
9082217	<i>Lupinus argenteus</i>	7/23 & 7/30/02	.496
9087338	<i>Antennaria microphylla</i>	7/17/03	.001
9081910	<i>Eriogonum umbellatum</i>	8/9/04	.315
9087465	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/9/04	.025
9087466	<i>Achillea millefolium</i>	9/9/04	.003
9081910	<i>Eriogonum umbellatum</i>	8/9/04	.315
9087480	<i>Linum lewisii</i>	8/9/04	.036
9087587	<i>Festuca idahoensis</i>	7/21/05	.224
9087588	<i>Koeleria macrantha</i>	7/21/05	.240
9087465	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	7/21/05	1.069

69. STEAMBOAT POINT

200 Yards east of Steamboat Point turnout - north side of road

Elevation: 7,900 feet

Dominant Vegetation: *Elymus glaucus*, *Bromus marginatus*, *Phleum pratense*, *Achillea millefolium*, *Potentilla gracilis*

Accession	Genus & Species	Collection Date	Amount (kg)
9058017	<i>Potentilla</i>	8/16/89	.018
9058024	<i>Viguiera multiflora</i>	9/7/89	.375
9058029	<i>Elymus glaucus</i>	9/7/89	2.255
9063306	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/26 & 8/28/91	1.325
Accession	Genus & Species	Collection Date	Amount (kg)
9063328	<i>Achillea millefolium</i>	8/26 & 8/28/91	.100
9063328	<i>Achillea millefolium</i>	8/31/92	.016
9063306	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/31/92	2.650
9076162	<i>Bromus marginatus</i>	8/29/95	.813
9076335	<i>Eurybia integrifolia</i>	8/29/95	trace
9076340	<i>Eriogonum umbellatum</i>	8/29/95	.132
9078202	<i>Geranium viscosissimum</i>	8/29/95	.023

70. LAKE BUTTE - HORSE CORRAL

Open parks to north and south of small horse corral

Elevation: 8,200 feet

Dominant Vegetation: *Bromus marginatus*, *Stipa columbiana*, *Perideridia gairdneri*, *Aster* species

Accession	Genus & Species	Collection Date	Amount (kg)
9058030	<i>Bromus marginatus</i>	8/16/89	2.546
9063186	<i>Helianthella uniflora</i>	8/21/90	.749
9063187	<i>Viguiera multiflora</i>	9/8/90	.332

71. LAKE BUTTE POND

Approximately 3 miles east of Lake Butte overview - south of road

Elevation: 8,330 feet

Dominant Vegetation: *Artemisia tridentata*, *Balsamorhiza sagittata*, *Bromus marginatus*

Accession	Genus & Species	Collection Date	Amount (kg)
9058021	<i>Helianthella uniflora</i>	8/16 & 9/15/89	.156
9063188	<i>Festuca idahoensis</i>	8/9/90	.225
9063189	<i>Poa</i>	8/9/90	.515
9063190	<i>Elymus elymoides</i>	8/9/90	.046
9063191	<i>Achillea millefolium</i>	8/29/90	.022
9063188	<i>Festuca idahoensis</i>	8/9/90	.128
9058021	<i>Helianthella uniflora</i>	8/29/90	.345
9063189	<i>Poa</i>	8/9/90	.107
9063192	<i>Eriogonum flavum</i>	8/29/90	.096
9063193	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/9/90	.484
9063193	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/26-27/92	.837
9063461	<i>Bromus marginatus</i>	8/26-27/92	.322
9063188	<i>Festuca idahoensis</i>	8/26-27/92	.129
9058021	<i>Helianthella uniflora</i>	8/26/27/92	.005
9063461	<i>Bromus marginatus</i>	9/7/93	1.103
9063188	<i>Festuca idahoensis</i>	9/7/93	.041
9058021	<i>Helianthella uniflora</i>	9/7/93	.020
9075971	<i>Artemisia tridentata</i>	10/17/93	.032

72. SYLVAN LAKE

Along north shore of lake

Elevation: 8,440 feet

Dominant Vegetation: *Bromus marginatus*, *Elymus trachycaulus*, *Achillea millefolium*

Accession	Genus & Species	Collection Date	Amount (kg)
9058026	<i>Bromus marginatus</i>	8/16/89	.616
9058031	<i>Elymus trachycaulus</i>	8/16/89	.182
9058031	<i>Elymus trachycaulus</i>	8/26/92	.071
9063459	<i>Eurybia integrifolia</i>	8/26/92	.006
9058026	<i>Bromus marginatus</i>	8/26/92	.083

73. CUB CREEK CURVE

Both north and south of road at sharp bend over Cub Creek

Elevation: 8,472 feet

Dominant Vegetation: *Bromus marginatus*, *Achillea millefolium* var. *occidentalis*, *Perideridia gairdneri*,
Potentilla species, *Aster* species

Accession	Genus & Species	Collection Date	Amount (kg)
9058015	<i>Aster</i>	9/6 & 9/15/89	.019
9058016	<i>Eurybia integrifolia</i>	9/6 & 9/15/89	.046
9058027	<i>Eurybia integrifolia</i>	9/6 & 9/15/89	.150
9063194	<i>Poa</i>	8/30 & 9/8/90	.382
9058027	<i>Eurybia integrifolia</i>	8/30 & 9/8/90	.052
9063194	<i>Poa</i>	8/30 & 9/8/90	.152
9058027	<i>Eurybia integrifolia</i>	8/30 & 9/8/90	.062
9063194	<i>Poa</i>	8/30 & 9/8/90	1.028
9058027	<i>Eurybia integrifolia</i>	8/30 & 9/8/90	.475
9063195	<i>Potentilla</i>	8/30 & 9/8/90	.055
9063302	<i>Bromus marginatus</i>	8/28/91	1.868
9063305	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/28/91	.052
9063326	<i>Geranium viscosissimum</i>	9/12/91	.015
9063307	<i>Elymus glaucus</i>	9/12/91	.074
9063305	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/3/92	.351
9058027	<i>Eurybia integrifolia</i>	9/3/92	.039
9063302	<i>Bromus marginatus</i>	9/3/92	1.111
9063307	<i>Elymus glaucus</i>	9/3/92	.181
9075899	<i>Carex</i>	9/14 & 9/15/93	.283
9075903	<i>Deschampsia caespitosa</i>	9/14 & 9/15/93	.068

74. MARY'S BAY

Along shoreline of Yellowstone Lake

Elevation: 7,733 feet

Dominant Vegetation: *Phacelia hastata*, *Chaenactis douglasii*, *Polemonium pulcherrimum*

Accession	Genus & Species	Collection Date	Amount (kg)
9058019	<i>Phacelia hastata</i>	9/28/89	.150
9063196	<i>Penstemon</i>	8/8 & 8/21/90	.380
9063197	<i>Hesperostipa comata</i> ssp. <i>comata</i>	8/8 & 8/21/90	1.290
9058019	<i>Phacelia hastata</i>	8/8 & 8/21/90	.008
9063196	<i>Penstemon</i>	8/8 & 8/21/90	.227
9063198	<i>Heterotheca villosa</i>	8/8 & 8/21/90	.146
9063199	<i>Festuca idahoensis</i>	8/8 & 8/21/90	.348
9063318	<i>Mahonia repens</i>	8/28 & 9/5/91	.089
9063330	<i>Potentilla</i>	8/28 & 9/5/91	.006
9063303	<i>Poa palustris</i>	8/28 & 9/5/91	1.009
9063467	<i>Elymus glaucus</i>	8/25/92	.138
9063481	<i>Geranium viscosissimum</i>	8/25/92	.004
9063196	<i>Penstemon</i>	9/2 & 7/93	.038
9058019	<i>Phacelia hastata</i>	9/2 & 7/93	.026
9063197	<i>Hesperostipa comata</i> ssp. <i>comata</i>	9/2 & 7/93	.077
9076171	<i>Achillea millefolium</i>	8/23 & 8/29/94	.007
9063196	<i>Penstemon cyaneus</i>	8/23 & 8/29/94	1.072

Accession	Genus & Species	Collection Date	Amount (kg)
9058019	<i>Phacelia hastata</i>	8/23 & 8/29/94	.293
9076201	<i>Polemonium pulcherrimum</i>	8/23 & 8/29/94	.050
9063467	<i>Elymus glaucus</i>	8/23 & 8/30/95	.458
9063197	<i>Hesperostipa comata</i> ssp <i>comata</i>	8/23 & 8/30/95	.111
9076318	<i>Achnatherum occidentale</i> ssp <i>occidentalis</i>	8/23 & 8/30/95	.016
9076338	<i>Delphinium occidentale</i>	8/23 & 8/30/95	.039
9078208	<i>Helianthella uniflora</i>	8/23 & 8/30/95	.033
9078221	<i>Penstemon</i>	8/23 & 8/30/95	.200
9058019	<i>Phacelia hastata</i>	8/23 & 8/30/95	.038
9076201	<i>Polemonium pulcherrimum</i>	8/23 & 8/30/95	.027
9078475	<i>Bromus marginatus</i>	8/22/96	.721
9063467	<i>Elymus glaucus</i>	8/22/96	.388
9063197	<i>Hesperostipa comata</i> ssp <i>comata</i>	8/22/96	.103
9078544	<i>Eriogonum flavum</i>	8/22/96	.378
9078221	<i>Penstemon</i>	9/4/96	1.523

75. SYLVAN PASS

On talus slopes adjacent to road

Elevation: 8,162 feet

Dominant Vegetation: *Penstemon fruticosus*, *Phacelia hastata*, *Elymus trachycaulus*

Accession	Genus & Species	Collection Date	Amount (kg)
9058028	<i>Penstemon fruticosus</i>	10/19/89	.046
9058158	<i>Solidago</i> ssp.	10/19/89	.012
9063200	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/30/90	.127
9063201	<i>Phacelia hastata</i>	8/30/90	.002
9063202	<i>Potentilla</i>	8/30/90	.019
9063316	<i>Phacelia sericea</i>	8/28/91	.088
9063341	<i>Arnica</i>	8/28/91	.004
9063313	<i>Geranium viscosissimum</i>	9/11/91	.018
9063200	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/26/92	.564
9058028	<i>Penstemon fruticosa</i>	9/02/92	.196
9063316	<i>Phacelia sericea</i>	9/02/92	.029
9063494	<i>Poa</i>	8/26/92	.018
9063200	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/21/01	.225
9082025	<i>Bromus marginatus</i>	8/21/01	.616
9082051	<i>Arnica mollis</i>	8/21/01	.052
9082065	<i>Eriogonum umbellatum</i>	8/21/01	.324
9082192	<i>Aquilegia caerulea</i>	8/28/02	.003
9082195	<i>Arnica longifolia</i>	8/28/02	.023
9082199	<i>Castilleja crista-galli</i>	9/5/02	.001
9082065	<i>Eriogonum umbellatum</i>	8/28/02	.142
9063313	<i>Geranium viscosissimum</i>	8/28/02	.009
9082231	<i>Potentilla glandulosa</i>	8/28/02	.121
9082192	<i>Aquilegia caerulea</i>	9/06/06	.009
9082195	<i>Arnica longifolia</i>	9/06/06	.017
9087703	<i>Delphinium</i>	9/06/06	.017
9063200	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/30/06	.082
9082065	<i>Eriogonum umbellatum</i>	8/30/06	.206
9087708	<i>Eucephalus engelmannii</i>	9/06/06	.072
9087809	<i>Penstemon procerus</i>	9/06/06	.002
9063316	<i>Phacelia sericea</i>	9/06/06	.016

76. STEAMBOAT POINT PICNIC AREA

East of picnic area across road

Elevation: 7,740 feet

Dominant Vegetation: *Phleum pratense*, *Bromus marginatus*, *Eucephalus engelmannii*, *Pseudotsuga* species,
Pinus contorta

Accession	Genus & Species	Collection Date	Amount (kg)
9058025	<i>Eucephalus engelmannii</i>	9/7/89	1.006
9063314	<i>Eurybia integrifolia</i>	9/9 & 9/10/91	.001
9063331	<i>Potentilla</i>	9/9 & 9/10/91	.019
9075890	<i>Bromus anomalus</i>	9/16 & 9/20/93	.093
9075913	<i>Elymus glaucus</i>	9/16 & 9/20/93	.738
9076231	<i>Elymus glaucus</i>	8/15/93	.460
9063314	<i>Eurybia integrifolia</i>	8/15/93	.007
9076231	<i>Elymus glaucus</i>	8/29/95	.404

77. SYLVAN PASS - EAST GRADE

Along the roadway, down the east slope toward East Entrance

Elevation: 7,100-7,500 feet

Dominant Vegetation: *Anaphalis margaritacea*, *Rubus idaeus*, *Potentilla*, *Bromus marginatus*

Zone 1 (.5 to .8 miles from entrance)

Zone 2 (.9 to 2.5 miles from entrance)

Zone 3 (2.6 to 2.9 miles from entrance)

Zone 4 (3.5 to 5.9 miles from entrance)

Accession	Genus & Species	Collection Date	Amount (kg)
9058018	<i>Anaphalis margaritacea</i> (Z-1)	9/11/89	.133
9058023	<i>Anaphalis margaritacea</i> (Z-3)	9/11/89	.005
9058022	<i>Anaphalis margaritacea</i> (Z-4)	9/11/89	.116
9063203	<i>Geranium viscosissimum</i> (Z-1)	8/29 & 9/8/90	.041
9063204	<i>Eriogonum umbellatum</i> (Z-1)	8/29 & 9/8/90	.065
9058018	<i>Anaphalis margaritacea</i> (Z-1)	8/29 & 9/8/90	.144
9063205	<i>Achillea millefolium</i> (Z-2)	8/29 & 9/8/90	.031
9063206	<i>Acer glabrum</i> (Z-3)	8/29 & 9/8/90	.012
9063207	<i>Penstemon</i> (Z-4)	8/29 & 9/8/90	.112
9063208	<i>Sorbus scopulina</i> (Z-3)	8/29 & 9/8/90	.015
9063209	<i>Achillea millefolium</i> (Z-1)	8/29 & 9/8/90	.002
9058018	<i>Anaphalis margaritacea</i> (Z-1)	8/29 & 9/8/90	.074
9063210	<i>Achillea millefolium</i> (Z-4)	8/29 & 9/8/90	.003
9063211	<i>Potentilla</i> (Z-4)	8/29 & 9/8/90	.015
9063350	<i>Potentilla</i> (Z-2)	9/3 & 9/16/91	.084
9063342	<i>Penstemon fruticosus</i> (Z-2)	9/3 & 9/16/91	.040
9063343	<i>Penstemon fruticosus</i> (Z-3)	9/3 & 9/16/91	.053
9063345	<i>Eriogonum umbellatum</i> (Z-2)	9/3 & 9/16/91	.016
9063349	<i>Potentilla</i> (Z-3)	9/3 & 9/16/91	.051
9063350	<i>Potentilla</i> . (Z-2)	9/3, 9/7, 9/16/91	.084
9063208	<i>Sorbus scopulina</i> (Z-3)	9/3 & 9/16/91	.034
9063317	<i>Acer glabrum</i> (Z-2)	9/3 & 9/16/91	.079
9063308	<i>Heracleum maximum</i> (Z-1)	9/3 & 9/16/91	.480
9063311	<i>Solidago</i> (Z-1)	9/3 & 9/16/91	.336
9063319	<i>Rosa</i> (Z-1)	9/3, 9/7, & 9/16/91	.036
9063320	<i>Mahonia repens</i> (Z-1)	9/3 & 9/16/91	.001
9063322	<i>Symphoricarpos</i> (Z-1)	9/3 & 9/16/91	.013
9058018	<i>Anaphalis margaritacea</i> (Z-1)	9/8 & 9/9/92	.031
9058022	<i>Anaphalis margaritacea</i> (Z-4)	9/8 & 9/9/92	.030
9058023	<i>Anaphalis margaritacea</i> (Z-3)	9/8 & 9/9/92	.020
9063444	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i> (Z-4)	9/8 & 9/9/92	.160
9063345	<i>Eriogonum umbellatum</i> (Z-2)	9/8 & 9/9/92	.019
9063343	<i>Penstemon fruticosus</i> (Z-3)	9/8 & 9/9/92	.048
9063487	<i>Phacelia hastata</i> (Z-4)	9/8 & 9/9/92	.107
9063492	<i>Phacelia hastata</i> (Z-3)	9/8 & 9/9/92	.022
9063495	<i>Dasiphora floribunda</i> (Z-2)	9/8 & 9/9/92	.060
9063496	<i>Potentilla</i> (Z-4)	9/8 & 9/9/92	.046

Accession	Genus & Species	Collection Date	Amount (kg)
9063504	<i>Solidago canadensis</i> var. <i>salebrosa</i> (Z-2)	9/8 & 9/9/92	.088
9063506	<i>Solidago</i> (Z-3)	9/8 & 9/9/92	.012
9063509	<i>Solidago</i> (Z-4)	9/8 & 9/9/92	.004
9075877	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i> (Z-3)	9/2 & 9/20/93	.443
9058022	<i>Anaphalis margaritacea</i> (Z-4)	9/2 & 9/20/93	.006
9058023	<i>Anaphalis margaritacea</i> (Z-3)	9/2 & 9/20/93	.015
9075888	<i>Bromus anomalus</i> (Z-4)	9/2 & 9/20/93	.081
9075889	<i>Bromus anomalus</i> (Z-3)	9/2 & 9/20/93	.210
9075892	<i>Bromus marginatus</i> (Z-2)	9/2 & 9/20/93	1.055
9075894	<i>Bromus marginatus</i> (Z-4)	9/2 & 9/20/93	1.555
9075910	<i>Elymus glaucus</i> (Z-3)	9/2 & 9/20/93	.073
9075911	<i>Elymus glaucus</i> (Z-4)	9/2 & 9/20/93	.280
9075945	<i>Castilleja</i> (Z-3)	9/2 & 9/20/93	.014
9075949	<i>Eriogonum umbellatum</i> (Z-3)	9/2 & 9/20/93	.141
9075950	<i>Eriogonum umbellatum</i> (Z-4)	9/2 & 9/20/93	.061
9075953	<i>Geranium viscosissimum</i> (Z-3)	9/2 & 9/20/93	.013
9075954	<i>Helianthella uniflora</i> (Z-4)	9/2 & 9/20/93	.297
9063207	<i>Penstemon</i> (Z-4)	9/2 & 9/20/93	.032
9063496	<i>Potentilla</i> (Z-4)	9/2 & 9/20/93	.087
9076208	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i> (Z-1)	8/24/94	.065
9076209	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i> (Z-2)	8/24/94	.029
9075892	<i>Bromus marginatus</i> (Z-2)	8/24/94	.056
9075911	<i>Elymus glaucus</i> (Z-4)	8/24/94	.067
9063209	<i>Achillea millefolium</i> (Z-1)	8/24/94	.010
9076179	<i>Castilleja</i> (Z-4)	8/24/94	.004
9076180	<i>Chamerion angustifolium</i> ssp. <i>angustifolium</i> (Z-2)	8/24/94	.084
9076199	<i>Phacelia hastata</i> (Z-2)	8/24/94	.040
9076205	<i>Rudbeckia</i> (Z-2)	8/24/94	.361
9063311	<i>Solidago</i> (Z-1)	8/24/94	.068
9063211	<i>Potentilla gracilis</i> (Z-4)	8/24/94	.012
9063350	<i>Potentilla</i> (Z-2)	8/24/94	.039
9063345	<i>Eriogonum umbellatum</i> (Z-2)	8/24/94	.008
9076157	<i>Bromus anomalus</i> (Z-1)	8/24/95	.064
9076163	<i>Bromus marginatus</i> (Z-1)	8/24/95	1.245
9075894	<i>Bromus marginatus</i> (Z-4)	8/24/95	.653
9075911	<i>Elymus glaucus</i> (Z-4)	8/24/95	.023
9076208	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i> (Z-1)	8/24/95	.116
9076209	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i> (Z-2)	8/24/95	.082
9063204	<i>Eriogonum umbellatum</i> (Z-1)	8/24/95	.161
9063345	<i>Eriogonum umbellatum</i> (Z-2)	8/24/95	.010
9078201	<i>Geranium richardsonii</i> (Z-4)	8/24/95	.015
9063203	<i>Geranium viscosissimum</i> (Z-1)	8/24/95	.032
9078203	<i>Geranium viscosissimum</i> (Z-4)	8/24/95	.073
9063342	<i>Penstemon fruticosa</i> (Z-2)	8/24/95	.590
9078218	<i>Penstemon fruticosa</i> (Z-4)	8/24/95	.053
9078223	<i>Phacelia hastata</i> (Z-2)	8/24/95	.030
9063487	<i>Phacelia hastata</i> (Z-4)	8/24/95	.037
9063211	<i>Potentilla</i> (Z-4)	8/24/95	.009
9075911	<i>Elymus glaucus</i> (Z-4)	9/3/98	.168
9063444	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i> (Z-4)	9/1/98	.204
9081535	<i>Festuca idahoensis</i> (zoneless)	9/3/98	.035
9063205	<i>Achillea millefolium</i> (zoneless)	9/3/98	.001
9058018	<i>Anaphalis margaritacea</i> (Z-1)	9/1 & 9/3/98	.083
9081573	<i>Campanula rotundifolia</i> (zoneless)	9/3/98	.003
9081645	<i>Penstemon cyaneus</i> (zoneless)	9/1/98	.087
9063342	<i>Penstemon fruticosa</i> (Z-2)	9/3/98	.073
9063207	<i>Penstemon</i> (zoneless)	9/3/98	.003

Accession	Genus & Species	Collection Date	Amount (kg)
9063487	<i>Phacelia hastata</i> (Z-4)	9/1 & 9/3/98	.005
9081652	<i>Phacelia sericea</i> (zoneless)	9/3/98	.004
9081655	<i>Potentilla gracilis</i> (zoneless)	9/1 & 9/3/98	.039
9063349	<i>Potentilla</i> (Z-3)	9/3/98	.018
-	<i>Sorbus scopulina</i>	9/3/98	NO FILL
9076163	<i>Bromus marginatus</i> (Z-1)	8/22/00	.061
9081868	<i>Calamagrostis</i> (Z-1)	8/22/00	.002
9076208	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i> (Z-1)	8/22/00	.158
9058018	<i>Anaphalis margaritacea</i> (Z-1)	8/22/00	.022
9081901	<i>Campanula rotundifolia</i> (Z-1)	8/22/00	trace
9078201	<i>Geranium richardsonii</i> (Z-4)	8/22/00	.002
9063308	<i>Heracleum maximum</i> (Z-1)	8/22/00	1.330
9081924	<i>Mimulus guttatus</i> (Z-1)	8/22/00	.031
9058023	<i>Anaphalis margaritacea</i> (Z-3)	8/21/01	.083
9063203	<i>Geranium viscosissimum</i> (Z-2)	8/21/01	.007
9063208	<i>Sorbus scopulina</i> (Z-3)	8/21/01	.040
9063343	<i>Penstemon fruticosus</i> (Z-3)	8/21/01	.120
9081924	<i>Mimulus guttatus</i> (Z-1)	8/21/01	.062
9082053	<i>Eurybia conspicua</i> (Z-2)	8/21/01	.027
9082060	<i>Castilleja linariifolia</i> (Z-3)	8/21/01	.013
9082085	<i>Potentilla glandulosa</i> (Z-3)	8/21/01	.051
9058022	<i>Anaphalis margaritacea</i> (Z-4)	8/28/02	.010
9082201	<i>Castilleja linariifolia</i> (Z-2)	9/5/02	.008
9063204	<i>Eriogonum umbellatum</i> (Z-1)	8/28/02	.123
9082197	<i>Eucephalus engelmannii</i> (Z-4)	10/5/02	.017
9063203	<i>Geranium viscosissimum</i> (Z-1)	8/28/02	.024
9082211	<i>Helianthella uniflora</i> (Z-4)	9/5/02	.045
9063308	<i>Heracleum maximum</i> (Z-1)	8/28/02	.267
9082214	<i>Iliamna rivularis</i> (Z-4)	9/5/02	.060
9078218	<i>Penstemon fruticosus</i> (Z-4)	9/5/02	.386
9082226	<i>Penstemon montanus</i> (Z-4)	9/5/02	.372
9082229	<i>Potentilla arguta</i> (Z-4)	8/28/02	.018
9082233	<i>Potentilla gracilis</i> (Z-1)	8/28/02	.042
9082236	<i>Rudbeckia laciniata</i> (Z-1)	8/28/02	.112
9082246	<i>Amelanchier alnifolia</i> (Z-4)	8/28/02	.006
9082247	<i>Rosa woodsii</i> (Z-3)	9/5/02	.038
9082240	<i>Spiraea betulifolia</i> (Z-3)	9/5/02	.077
9087490	<i>Amelanchier alnifolia</i> (Z-3)	9/9/04	.001
9087491	<i>Rubus idaeus</i> (Z-3)	9/9/04	.006
9087493	<i>Sorbus scopulina</i> (Z-2)	9/9/04	.009
9087494	<i>Symphoricarpos albus</i> (Z-2)	9/9/04	.003
9087489	<i>Acer glabrum</i> (Z-2)	9/9/04	.051

78. TETON POINT

1/2 Mile east of Teton Point

Elevation:

Dominant Vegetation:

Accession	Genus & Species	Collection Date	Amount (kg)
9058020	<i>Eucephalus engelmannii</i>	9/6/89	.021
9063347	<i>Anaphalis margaritacea</i>	9/10/91	.020
9063347	<i>Anaphalis margaritacea</i>	8/31/92	.015
9063478	<i>Geranium viscosissimum</i>	8/31/92	.016
9075974	<i>Artemisia tridentata</i>	10/17/93	.035
9078224	<i>Phacelia hastata</i>	8/17/95	.004

79. LAKE BUTTE SCENIC OVERLOOK

In area of scenic overlook parking and service road

Elevation: 8,348 feet

Dominant Vegetation: *Artemisia tridentata*, *Pinus contorta*, *Balsamorhiza sagittata*

Accession	Genus & Species	Collection Date	Amount (kg)
9058182	<i>Aster</i>	10/23/89	.009
9058183	<i>Solidago</i>	10/23/89	.013
9075944	<i>Eucephalus engelmannii</i>	9/14/93	.002
9063310	<i>Viguiera multiflora</i>	9/10 & 9/17/91	.408
9063329	<i>Achillea millefolium</i>	9/10 & 9/17/91	.011
9063344	<i>Eriogonum umbellatum</i>	9/10 & 9/17/91	.010
9075944	<i>Eucephalus engelmannii</i>	9/13-9/14/93	.002
9063344	<i>Eriogonum umbellatum</i>	9/13-9/14/93	.267
9075955	<i>Helianthella uniflora</i>	9/13-9/14/93	.210
9063310	<i>Viguiera multiflora</i>	9/13-9/14/93	.057
9075972	<i>Artemisia tridentata</i>	10/27/93	.111

80. EAST ENTRANCE GATE

In the vicinity of entrance gate and rest area

Elevation: 7,200 feet

Dominant Vegetation: *Bromus marginatus*, *Bromus inermis*, *Phleum pratense*

Accession	Genus & Species	Collection Date	Amount (kg)
9058184	<i>Aster</i>	10/19/89	.011
9058185	<i>Solidago</i>	10/19/89	.013
9063428	<i>Achillea millefolium</i>	9/8/92	.039
9063455	<i>Eucephalus engelmannii</i>	9/8/92	.130
9063471	<i>Eriogonum umbellatum</i>	9/8/92	.008
9063480	<i>Geranium viscosissimum</i>	9/8/92	.002
9076219	<i>Bromus anomalus</i>	8/24/94	.048
9076232	<i>Elymus glaucus</i>	8/24/94	.016
9063480	<i>Geranium viscosissimum</i>	8/24/94	.009
9076200	<i>Phacelia hastata</i>	8/24/94	.002
9076164	<i>Bromus marginatus</i>	8/23/95	.377
9063480	<i>Geranium viscosissimum</i>	8/23/95	.055
9078227	<i>Dasiphora floribunda</i>	8/23/95	.015
9076219	<i>Bromus anomalus</i>	9/1/98	.902
9081527	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/1/98	.186
9063480	<i>Geranium viscosissimum</i>	9/1/98	.139
9081656	<i>Potentilla gracilis</i>	9/1/98	.008
9076164	<i>Bromus marginatus</i>	8/25/99	.158
9076219	<i>Bromus anomalus</i>	8/23/99	.186
9076232	<i>Elymus glaucus</i>	8/23/99	.241
9081527	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/23/99	.765
9063471	<i>Eriogonum umbellatum</i>	8/23/99	.015
9063480	<i>Geranium viscosissimum</i>	8/23/99	.110
9081656	<i>Potentilla gracilis</i>	8/23/99	.028
9081777	<i>Anaphalis margaritacea</i>	8/23/99	trace
9081793	<i>Helianthella uniflora</i>	8/23/99	.006
9081863	<i>Bromus ciliatus</i>	8/22/00	.145
9076232	<i>Elymus glaucus</i>	8/22/00	.064
9063471	<i>Eriogonum umbellatum</i>	8/23/00	.015
9063480	<i>Geranium viscosissimum</i>	8/22/00	.040
9076219	<i>Bromus anomalus</i>	8/31/05	.547
9076232	<i>Elymus glaucus</i>	8/31/05	.278
9081527	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/31/05	.336
9087592	<i>Argentina anserina</i>	8/31/05	.010
9063480	<i>Geranium viscosissimum</i>	8/31/05	.020

81. SEDGE CREEK

Where Sedge Creek drains into Yellowstone Lake

Elevation: 7,750 feet

Dominant Vegetation: *Carex* species, *Elymus glaucus*

Accession	Genus & Species	Collection Date	Amount (kg)
9058186	<i>Solidago</i>	10/23/89	.049
9058187	<i>Alnus incana</i>	10/23/89	.011
9063315	<i>Linum lewisii</i>	8/28/91	.010
9063327	<i>Achillea millefolium</i>	9/24/91	.015
9063327	<i>Achillea millefolium</i>	9/1/92	.006
9063458	<i>Eurybia integrifolia</i>	9/1/92	.012
9063474	<i>Eriogonum umbellatum</i>	9/1/92	.066
9063327	<i>Achillea millefolium</i>	9/13/93	.098
9075902	<i>Deschampsia caespitosa</i>	9/13/93	.055
9063474	<i>Eriogonum umbellatum</i>	9/13/93	.019
9075915	<i>Festuca idahoensis</i>	9/13/93	.029
9075973	<i>Artemisia tridentata</i>	10/27/93	.028
9076210	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/15/94	1.148
9075902	<i>Deschampsia caespitosa</i>	8/15/94	1.906
9076187	<i>Geranium viscosissimum</i>	8/15/94	.033
9076202	<i>Polemonium pulcherrimum</i>	8/15/94	.019
9063474	<i>Eriogonum umbellatum</i>	8/15/94	.284

82. LAKE HOTEL

Throughout Lake Hotel complex

Elevation: 7,744 feet

Dominant Vegetation: *Bromus marginatus*, *Achillea* species, *Lupinus* species

Accession	Genus & Species	Collection Date	Amount(kg)
9058188	<i>Polemonium pulcherrimum</i>	7/31 & 8/31/89	.0005
9058189	<i>Eriogonum umbellatum</i>	7/31 & 8/31/89	.186
9058173	<i>Potentilla</i>	7/31 & 8/31/89	.013
9058190	<i>Achillea millefolium</i>	7/31 & 8/31/89	.045
9058191	<i>Eurybia integrifolia</i>	7/31 & 8/31/89	.018
9058192	<i>Eurybia integrifolia</i>	7/31 & 8/31/89	.080
9058193	<i>Lupinus</i>	7/31 & 8/31/89	.010
9058194	<i>Potentilla</i>	7/31 & 8/31/89	.188
9058195	<i>Potentilla</i>	7/31 & 8/31/89	.104
9058196	<i>Achillea millefolium</i>	7/31 & 8/31/89	.203
9058197	<i>Eurybia integrifolia</i>	7/31 & 8/31/89	.088
9058163	<i>Aster occidentalis</i>	7/31 & 8/31/89	.008
9058162	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	7/31 & 8/31/89	.096
9058160	<i>Arenaria congesta</i>	7/31 & 8/31/89	.002
9081536	<i>Festuca idahoensis</i>	8/25/98	.484
9058191	<i>Eurybia integrifolia</i>	8/25/98	.027
9058163	<i>Aster occidentalis</i>	8/25/98	.008
9081582	<i>Eriogonum flavum</i>	8/25/98	.010
9058189	<i>Eriogonum umbellatum</i>	8/25/98	.560
9082075	<i>Penstemon procerus</i>	8/27/01	.013
90882082	<i>Perideridia gairdnerii</i>	8/27/01	.140
9082087	<i>Potentilla gracilis</i>	8/27/01	.005
9058189	<i>Eriogonum umbellatum</i>	8/27/01	.257
9058191	<i>Eurybia integrifolia</i>	8/27/01	.089
9058196	<i>Achillea millefolium</i>	8/27/01	.054
9082026	<i>Bromus marginatus</i>	8/27/01	.127
9082048	<i>Agoseris glauca</i>	8/27/01	.017

83. CASCADE LAKE TRAIL

One mile south of Cascade Lake picnic area

Elevation: 8,000 feet

Dominant Vegetation: *Pinus contorta*, *Lupinus* species, *Bromus marginatus*, *Achillea millefolium lanulosa*

Accession	Genus & Species	Collection Date	Amount (kg)
9058171	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/30/89	.025
9058179	<i>Bromus marginatus</i>	8/30/89	.223
9058178	<i>Potentilla</i>	8/30/89	.035
9082094	<i>Artemisia tridentata</i>	10/23/01	.017

84. MAMMOTH TERRACES

Terrace vicinity, Judge's house to cemetery

Elevation: 6,240 feet

Dominant Vegetation: *Symphotrichum chilense*, *Elymus trachycaulus*, *Phleum pratense*, *Artemisia tridentata*

Accession	Genus & Species	Collection Date	Amount (kg)
9058172	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/31/89	.078
9058174	<i>Eriogonum umbellatum</i>	8/31/89	.150
9058175	<i>Orthocarpus</i>	8/31/89	.013
9058176	<i>Perideridia gairdneri</i>	9/19/89	.023
9058177	<i>Solidago</i>	9/19/89	.010
9063212	<i>Acer glabrum</i>	9/13/90	.343
9058174	<i>Eriogonum umbellatum</i>	7/31 & 8/1/96	.325
9078512	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/31/96	.006
9082212	<i>Helianthella uniflora</i>	7/30/02	1.590
9087340	<i>Balsamorhiza sagittata</i>	7/8/03	.844

85. CANYON MEADOW

From open meadows in vicinity of Canyon Junction

Elevation: 7,900 feet

Dominant Vegetation: *Carex* species, *Deschampsia caespitosa*, *Bromus marginatus*, *Eurybia integrifolia*

Accession	Genus & Species	Collection Date	Amount (kg)
9058181	<i>Eurybia integrifolia</i>	8/28/89	.750
9063213	<i>Achillea millefolium</i>	9/1/90	.075
9058181	<i>Eurybia integrifolia</i>	9/1/90	.379
9063214	<i>Potentilla</i>	9/1/90	.005
9063215	<i>Senecio serra</i>	9/1/90	.009
9063439	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/3/92	.324
9063485	<i>Penstemon</i>	9/3/92	.022
9063501	<i>Elymus elymoides</i>	9/3/92	.008
9063512	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	9/3/92	.023
9075918	<i>Festuca idahoensis</i>	9/2 & 9/9/93	.034
9063439	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/8/97	.382
9063512	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	9/9/97	.196
9063213	<i>Achillea millefolium</i>	9/8/97	.005
9058181	<i>Eurybia integrifolia</i>	9/8/97	.035
9081399	<i>Fraseria speciosa</i>	9/8/97	.023
9081405	<i>Linum lewisii</i>	9/8/97	.135
9063485	<i>Penstemon cyaneus</i>	9/8/97	.025
9081508	<i>Danthonia intermedia</i>	8/26/98	.115
9063439	<i>Elymus trachycaulus</i>	8/26/98	.811
9063512	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/26/98	.095
9063213	<i>Achillea millefolium</i>	8/26/98	.021
9081405	<i>Linum lewisii</i>	8/23/01	.050
9082076	<i>Penstemon procerus</i>	8/23/01	.016
9058181	<i>Eurybia integrifolia</i>	8/23/01	.108
9063439	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/23/01	.167
9082032	<i>Elymus glaucus</i>	8/23/01	.762
9063512	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/19/02	.226

Accession	Genus & Species	Collection Date	Amount (kg)
9063213	<i>Achillea millefolium</i>	8/19/02	.010
9082188	<i>Agoseris glauca</i>	8/19/02	.014
9058181	<i>Eurybia integrifolia</i>	8/19/02	.031
9082076	<i>Penstemon procerus</i>	8/19/02	.008
9063512	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/25/04	.349
9082032	<i>Elymus glaucus</i>	8/30/04	.066
9063439	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/25 & 8/30/04	.701
9087448	<i>Bromus marginatus</i>	8/30/04	.801
9058181	<i>Eurybia integrifolia</i>	8/30/04	.062
9087486	<i>Potentilla gracilis</i>	8/25 & 8/30/04	.244
9087579	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	8/23 & 8/29/05	.557
9087580	<i>Bromus anomalus</i>	8/23/05	.016
9087448	<i>Bromus marginatus</i>	8/23 & 8/29/05	1.471
9082032	<i>Elymus glaucus</i>	8/29/05	.211
9063439	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/25 & 8/30/05	2.285
9075918	<i>Festuca idahoensis</i>	8/23 & 8/29/05	.816
9087595	<i>Eriogonum umbellatum</i>	8/23/05	.209
9087597	<i>Eriophyllum lanatum</i>	8/23/05	.008
9082076	<i>Penstemon procerus</i>	8/23/05	.015
9087486	<i>Potentilla gracilis</i>	8/23/05	.038
9063213	<i>Achillea millefolium</i>	8/14 & 8/15/06	.041
9087579	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	8/14/06	.232
9087448	<i>Bromus marginatus</i>	8/14 & 8/15/06	.995
9087595	<i>Eriogonum umbellatum</i>	8/15/06	.010
9063439	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/14 & 8/15/06	.494
9058181	<i>Eurybia integrifolia</i>	8/14 & 8/15/06	.054
9075918	<i>Festuca idahoensis</i>	8/14 & 8/15/06	.058
9081405	<i>Linum lewisii</i>	8/14/06	.033
9087697	<i>Phleum alpinum</i>	8/14 & 8/15/06	.212

86. TOWER JUNCTION

Near bridge over Yellowstone River

Elevation: 6,000 feet

Dominant Vegetation: *Pinus flexilis*, *Pseudoroegneria spicata*, *Artemisia tridentata*

Accession	Genus & Species	Collection Date	Amount (kg)
9058180	<i>Pinus flexilis</i>	8/30/89	.450
9076311	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/10/95	.021
9076312	<i>Pseudoroegneria spicata</i>	8/10/95	.861
9078204	<i>Geranium viscosissimum</i>	8/10/95	.030
9078211	<i>Lupinus</i>	8/10/95	.042
9078214	<i>Penstemon cyaneus</i>	8/10/95	.105
9081368	<i>Leymus cinereus</i>	8/20/97	.499
9076312	<i>Pseudoroegneria spicata</i>	7/28/97	1.382
9081376	<i>Achnatherum richardsonii</i>	8/20/97	.102
9081382	<i>Antennaria microphylla</i>	8/20/97	.001
9078204	<i>Geranium viscosissimum</i>	8/6/97	.112
9078214	<i>Penstemon cyaneus</i>	8/20/97	.075
9081505	<i>Bromus anomalus</i>	8/10/98	.115
9081537	<i>Festuca idahoensis</i>	7/29/98	.209
9076312	<i>Pseudoroegneria spicata</i>	7/27/98	1.136
9081556	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	7/27/98	.105
9081376	<i>Achnatherum richardsonii</i>	7/27 & 8/10/98	1.033
9078204	<i>Geranium viscosissimum</i>	8/10/98	.018
9081368	<i>Leymus cinereus</i>	9/14/99	.906
9081376	<i>Achnatherum richardsonii</i>	7/29/99	.029
9081537	<i>Festuca idahoensis</i>	7/29/99	.022
9081721	<i>Elymus elymoides</i>	8/17/99	.001

Accession	Genus & Species	Collection Date	Amount (kg)
9081731	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	7/29/99	.039
9081741	<i>Koeleria macrantha</i>	no date	.005
9081762	<i>Hesperostipa comata</i> ssp. <i>comata</i>	7/28/99	.015
9081768	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	7/29/99	.071
9081382	<i>Antennaria microphylla</i>	no date	trace
9081802	<i>Lupinus argenteus</i>	7/29/99	.131
9081821	<i>Potentilla</i>	7/29/99	.026
9081827	<i>Pentaphylloides floribunda</i>	7/29/99	.012
9081731	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	7/28/05	.032
9081537	<i>Festuca idahoensis</i>	7/28/05	.626
9081741	<i>Koeleria macrantha</i>	7/28/05	.017
9076312	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	7/28/05	.147

87. GIBBON FALLS PICNIC AREA (Fire Collection)

Gibbon Falls picnic area to approximately 1/2 mile south

Elevation: 7,000 feet

Dominant Vegetation: *Lupinus* species, *Epilobium* species, *Aster* species

NOTE: Site heavily burned 1988

Accession	Genus & Species	Collection Date	Amount (kg)
9058250	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/1 & 8/13/90	.133
9058230	<i>Elymus elymoides</i>	8/1 & 8/13/90	.013
9058232	<i>Agoseris</i>	8/1 & 8/13/90	.017
9058239	<i>Antennaria</i>	8/1 & 8/13/90	.017
9058231	<i>Eriophyllum lanatum</i>	8/1 & 8/13/90	.011
9058234	<i>Lupinus</i>	8/1 & 8/13/90	.033
9058247	<i>Solidago</i>	8/1 & 8/13/90	.013
9058246	<i>Phacelia hastata</i>	8/1 & 8/13/90	.039
9058251	<i>Potentilla</i>	8/1 & 8/13/90	.015
9058242	<i>Achillea millefolium</i>	8/1 & 8/13/90	.047
9058246	<i>Phacelia hastata</i>	8/1 & 8/13/90	.107
9058247	<i>Solidago missouriensis</i>	8/1 & 8/13/90	.057
9076156	<i>Agrostis scabra</i>	8/14/95	.129
9076165	<i>Bromus marginatus</i>	8/14/95	1.896
9058230	<i>Elymus elymoides</i>	8/14/95	.198
9058250	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/14/95	.689
9076319	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	8/14/95	.007
9058242	<i>Achillea millefolium</i>	8/14/95	.018
9076328	<i>Anaphalis margaritacea</i>	8/14/95	.017
9076332	<i>Arenaria congesta</i>	8/14/95	.008
9076341	<i>Eriogonum umbellatum</i>	8/14/95	.136
9078215	<i>Penstemon cyaneus</i>	8/14/95	.061
9078219	<i>Penstemon fruticosus</i>	8/14/95	.405
9078229	<i>Potentilla gracilis</i>	8/14/95	.053
9078232	<i>Solidago canadensis</i> var. <i>salebrosa</i>	8/14/95	.039
9078468	<i>Agrostis</i>	8/7/96	.026
9078470	<i>Bromus anomalus</i>	8/7/96	.018
9076165	<i>Bromus marginatus</i>	8/7/96	.675
9058230	<i>Elymus elymoides</i>	8/7 & 8/13/96	.052
9078488	<i>Elymus glaucus</i>	8/7/96	.056
9078492	<i>E. glaucus</i> /S. <i>occidentale</i>	8/13/96	.015
9058250	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/7, 8/8, & 8/13/96	.565
9078497	<i>Festuca idahoensis</i>	8/8 & 8/13/96	.022
9058242	<i>Achillea millefolium</i>	8/7/96	.054
9078524	<i>Antennaria microphylla</i>	8/7/96	.004
9078632	<i>Arctostaphylos uva-ursi</i>	9/6/96	.014
9076341	<i>Eriogonum umbellatum</i>	8/7/96	.123
9078574	<i>Penstemon</i>	8/13/96	.228

Accession	Genus & Species	Collection Date	Amount (kg)
9058251	<i>Potentilla</i>	8/7 & 8/13/96	.018
9078232	<i>Solidago canadensis</i> var. <i>salebrosa</i>	8/7/96	.002
9076156	<i>Agrostis scabra</i>	8/13/97	.166
9076165	<i>Bromus marginatus</i>	8/13 & 8/27/97	.855
9058230	<i>Elymus elymoides</i>	8/13/97	.174
9058250	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/12, 8/13, & 8/27/97	1.544
9058242	<i>Achillea millefolium</i>	9/11/97	.131
9076332	<i>Arenaria congesta</i>	8/27/97	.025
9081410	<i>Pedicularis</i>	8/12/97	.037
9078215	<i>Penstemon cyaneus</i>	8/27/97	.031
9058251	<i>Potentilla gracilis</i>	8/13 & 9/11/97	.005
9078232	<i>Solidago canadensis</i> var. <i>salebrosa</i>	9/11/97	.042
9078470	<i>Bromus anomalus</i>	8/20/98	.021
9058230	<i>Elymus elymoides</i>	8/13/98	.035
9058250	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/20/98	.051
9058242	<i>Achillea millefolium</i>	8/20/98	.005
9081573	<i>Campanula rotundifolia</i>	9/3/98	.003
9081593	<i>Linum lewisii</i>	8/13/98	.074
9081642	<i>Pedicularis groenlandica</i>	8/20/98	trace
9081648	<i>Penstemon procerus</i>	8/13/98	.007
9078229	<i>Potentilla gracilis</i>	8/13 & 8/20/98	.010
9058230	<i>Elymus elymoides</i>	8/10/99	.132
9058250	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/10 & 8/17/99	1.400
9076165	<i>Bromus marginatus</i>	8/10/99	.245
9058242	<i>Achillea millefolium</i>	8/10 & 8/17/99	.058
9078229	<i>Potentilla gracilis</i>	8/17/99	.023
9081713	<i>Carex</i>	8/17/99	.012
9081715	<i>Carex aquatilis</i>	8/10/99	.090
9081716	<i>Carex microptera</i>	8/10/99	.070
9081717	<i>Carex rostrata</i>	8/10/99	.197
9081724	<i>Elymus glaucus</i>	8/17/99	.013
9081738	<i>Juncus</i>	8/17/99	.056
9081739	<i>Juncus ensifolius</i>	8/10/99	.019
9081758	<i>Pseudoroegneria spicata</i>	8/17/99	.108
9081648	<i>Penstemon procerus</i>	8/9/01	.021
9058230	<i>Elymus elymoides</i>	8/9/01	.043
9058250	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/9/01	.037
9082227	<i>Penstemon fruticosus</i>	8/30/02	.009
9081648	<i>Penstemon procerus</i>	8/30/02	.003
9058251	<i>Potentilla gracilis</i>	8/30/02	.013
9076165	<i>Bromus marginatus</i>	7/31/03	.064
9058230	<i>Elymus elymoides</i>	7/30/03	.045
9058250	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	7/31/03	.122
9058246	<i>Phacelia hastata</i>	7/30/03	.028
9078472	<i>Elymus glaucus</i>	7/30 & 7/31/03	No fill
9076165	<i>Bromus marginatus</i>	8/16/04	.186
9058250	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/16/04	.244
9087450	<i>Carex</i>	8/17 & 8/18/04	.043
9087451	<i>Carex</i>	8/26/04	.056
9087455	<i>Deschampsia caespitosa</i>	9/9/04	.005
9087463	<i>Juncus</i>	8/26/04	.011
9058242	<i>Achillea millefolium</i>	8/16/04	.099
9058231	<i>Eriophyllum lanatum</i>	8/16/04	.017
9058246	<i>Phacelia hastata</i>	8/16/04	.010
9078229	<i>Potentilla gracilis</i>	8/16/04	.012
9087582	<i>Carex</i>	8/30/05	.073
9087584	<i>Carex utriculata</i>	8/30/05	.304

Accession	Genus & Species	Collection Date	Amount (kg)
9087606	<i>Pinus contorta</i>	8/30/05	.135
9076165	<i>Bromus marginatus</i>	7/25/06	.694
9058231	<i>Eriophyllum lanatum</i>	7/25/06	.014
9058246	<i>Phacelia hastata</i>	7/25/06	.036
9087710	<i>Senecio</i>	7/25/06	.094

88. TUFF CLIFFS (Fire Collection)

Tuff Cliffs picnic area to approximately 1/2 mile north

Elevation: 6,900 feet

Dominant Vegetation: *Taraxacum* species, *Lupinus* species, *Pinus contorta*

NOTE: Part of collection site burned in 1988

Accession	Genus & Species	Collection Date	Amount (kg)
9058237	<i>Lupinus</i>	8/1 & 8/13/90	.050
9058248	<i>Elymus elymoides</i>	8/1 & 8/13/90	.064
9058245	<i>Eriogonum umbellatum</i>	8/1 & 8/13/90	.277
9076223	<i>Deschampsia caespitosa</i>	8/25/94	.036
9076172	<i>Achillea millefolium</i>	8/25/94	.015
9076185	<i>Gentianopsis thermalis</i>	8/25/94	.018
9076243	<i>Bromus marginatus</i>	8/3, 8/14, & 8/16/95	1.377
9058248	<i>Elymus elymoides</i>	8/3, 8/14, & 8/16/95	.304
9076309	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/3, 8/14, & 8/16/95	1.171
9076320	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	8/3, 8/14, & 8/16/95	.006
9076172	<i>Achillea millefolium</i>	8/3, 8/14, & 8/16/95	.034
9076330	<i>Antennaria microphylla</i>	8/3, 8/14, & 8/16/95	.001
9076333	<i>Arenaria congesta</i>	8/3, 8/14, & 8/16/95	.004
9058245	<i>Eriogonum umbellatum</i>	8/3, 8/14, & 8/16/95	.372
9078225	<i>Phacelia hastata</i>	8/3, 8/14, & 8/16/95	.003
9076243	<i>Bromus marginatus</i>	8/5 & 7/96	.202
9058248	<i>Elymus elymoides</i>	8/5 & 7/96	.122
9076309	<i>Elymus trachycaulus</i>	8/5 & 7/96	.597
9078508	<i>Pseudoroegneria spicata</i>	8/7/96	.056
9076172	<i>Achillea millefolium</i>	8/5 & 8/7/96	.006
9078521	<i>Allium cernum</i>	8/7/96	.009
9078543	<i>Erigeron speciosus</i>	8/7/96	trace
9058245	<i>Eriogonum umbellatum</i>	8/7/96	.092
9078555	<i>Geranium richardsonii</i>	8/7/96	.001
9078563	<i>Linum lewisii</i>	8/27/96	.001
9078571	<i>Pedicularis groenlandica</i>	8/7/96	.007
9078225	<i>Phacelia hastata</i>	8/7/96	.012
9078585	<i>Solidago canadensis</i> var. <i>salebrosa</i>	8/27/96	.057
9081342	<i>Agrostis scabra</i>	8/12/97	.118
9076243	<i>Bromus marginatus</i>	8/12/97	.276
9076309	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/12/97	.590
9078508	<i>Pseudoroegneria spicata</i>	8/13/97	.070
9076172	<i>Achillea millefolium</i>	8/12, 8/13, & 9/11/97	.190
9081394	<i>Chaenactis douglasii</i>	8/13/97	.038
9058245	<i>Eriogonum umbellatum</i>	8/13/97	.678
9078225	<i>Phacelia hastata</i>	9/11/97	trace
9078585	<i>Solidago canadensis</i> var. <i>salebrosa</i>	9/1/97	.164
9076243	<i>Bromus marginatus</i>	8/3, 8/13, & 8/20/98	1.400
9058248	<i>Elymus elymoides</i>	8/3/98	.024
9076309	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/5/98	.333
9081549	<i>Koeleria macrantha</i>	8/6/98	.018
9076172	<i>Achillea millefolium</i>	8/13/98	.006
9076172	<i>Achillea millefolium</i>	8/20/98	.040
9081567	<i>Antennaria microphylla</i>	8/6 & 8/13/98	.008
9081568	<i>Minuartia obtusiloba</i>	8/20/98	.002

Accession	Genus & Species	Collection Date	Amount (kg)
9058245	<i>Eriogonum umbellatum</i>	8/20/98	.054
9078563	<i>Linum lewisii</i>	8/20/98	.102
9076243	<i>Bromus marginatus</i>	8/4, 8/10, & 8/17/99	3.090
9076309	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/17/99	.325
9076333	<i>Arenaria congesta</i>	8/17/99	.011
9078225	<i>Phacelia hastata</i>	8/17/99	.006
9078585	<i>Solidago canadensis</i> var <i>salebrosa</i>	8/17/99	.018
9081810	<i>Penstemon procerus</i>	8/17/99	.011
9058248	<i>Elymus elymoides</i>	8/15/00	.035
9076309	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/15/00	.085
9081884	<i>Juncus</i>	8/15/00	.092
9076172	<i>Achillea millefolium</i>	8/15 & 8/30/00	.292
9081902	<i>Campanula rotundifolia</i>	8/15/00	.003
9058245	<i>Eriogonum umbellatum</i>	8/15/00	.402
9078563	<i>Linum lewisii</i>	8/30/00	.012
9081929	<i>Senecio integerrimus</i>	8/30/00	.251
9078585	<i>Solidago canadensis</i> var <i>salebrosa</i>	8/15 & 8/30/00	.001
9087452	<i>Carex</i>	8/17/04	.070
9087464	<i>Juncus</i>	8/17 & 8/18/04	.130
9087477	<i>Geum macrophyllum</i>	8/18/04	.166
9078571	<i>Pedicularis groenlandica</i>	8/17/04	.012
9087699	<i>Agoseris glauca</i>	7/25/06	.001
9087691	<i>Carex</i>	8/24/06	.015
9087692	<i>Carex aquatilis</i>	8/24/06	.003
9087693	<i>Carex gynocrates</i>	8/24/06	.074
9087694	<i>Carex utriculata</i>	8/24/06	.056

89. CRYSTAL SPRINGS CABIN (Fire Collection)

Crystal Springs Cabin north to 0.1 mile south of Apollinaris Springs

Elevation: 7,300 feet

Dominant Vegetation: *Lupinus* species

NOTE: Heavily burned in 1988

Accession	Genus & Species	Collection Date	Amount (kg)
9058240	<i>Achillea millefolium</i>	8/20/90	.026
9058233	<i>Lupinus</i>	8/20/90	.007
9082077	<i>Penstemon procerus</i>	8/15/01	.055
9082027	<i>Bromus marginatus</i>	8/6 & 8/15/01	1.109
9082029	<i>Carex</i>	8/2/01	.083
9082037	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/2 & 8/15/01	.313
9082042	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/6/01	.034
9082066	<i>Eriogonum umbellatum</i>	8/6 & 8/15/01	.277
9082088	<i>Senecio lugens</i>	8/2/01	.081
9058240	<i>Achillea millefolium</i>	8/12/03	.153
9082042	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	7/29/03	.303
9082027	<i>Bromus marginatus</i>	7/29/03	.394
9087322	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/12/03	.377
9087325	<i>Festuca idahoensis</i>	8/12/03	.136
9082066	<i>Eriogonum umbellatum</i>	8/12/03	.430
9087350	<i>Packera cana</i>	8/12/03	.003
9082077	<i>Penstemon procerus</i>	8/12/03	.022
9082066	<i>Eriogonum umbellatum</i>	8/10/04	.124
9082037	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/10/04	.149
9087456	<i>Elymus elymoides</i>	8/10/04	.081
9087467	<i>Agoseris glauca</i>	8/10/04	.009
9087470	<i>Arenaria congesta</i>	8/10/04	.068
9082066	<i>Eriogonum umbellatum</i>	8/10/04	.124
9087488	<i>Rudbeckia</i>	8/26/04	.067

90. "1 MILE TO OLD FAITHFUL" SIGN

Approximately 1 mile north of Old Faithful Interchange

Elevation: 7,400 feet

Dominant Vegetation: *Pinus contorta*, *Achillea millefolium*, *Heterotheca villosa*, *Lupinus* species, *Chaenactis* species, *Elymus trachycaulus*, *Deschampsia* species

Accession	Genus & Species	Collection Date	Amount (kg)
9063216	<i>Elymus caninus</i>	8/25/90	1.380
9063217	<i>Achillea millefolium</i>	8/25/90	.032
9063218	<i>Heterotheca villosa</i>	8/25/90	.130
9063219	<i>Eriogonum umbellatum</i>	8/25/90	.075
9081515	<i>Elymus elymoides</i>	8/19/98	.009
9081528	<i>Elymus trachycaulus</i>	8/19/98	.086
9081643	<i>Pedicularis groenlandica</i>	8/20/98	.035

91. GOOSE LAKE AREA

End of Fountain Freight road near Goose and Feather Lakes

Elevation: 7,200-7,300 feet

Dominant Vegetation: *Elymus trachycaulus*, *Deschampsia* species, *Heterotheca villosa*

Accession	Genus & Species	Collection Date	Amount (kg)
9063220	<i>Elymus caninus</i>	8/24 & 8/25/90	.727
9063220	<i>Elymus caninus</i>	8/24 & 8/25/90	1.360
9063221	<i>Achillea millefolium</i>	8/24 & 8/25/90	.091
9063222	<i>Heterotheca villosa</i>	8/24 & 8/25/90	.036
9063223	<i>Deschampsia caespitosa</i>	8/24 & 8/25/90	.169
9063220	<i>Elymus caninus</i>	8/19/92	.450
9063435	<i>Pseudoroegneria spicata</i>	8/19/92	.221
9063500	<i>Elymus elymoides</i>	8/19/92	.015
9063516	<i>Achnatherum occidentale</i> ssp <i>occidentale</i>	8/19/92	.250
9063221	<i>Achillea millefolium</i>	8/18 & 8/25/93	.050
9063220	<i>Elymus caninus</i>	8/18 & 8/25/93	.936
9063435	<i>Pseudoroegneria spicata</i>	8/18 & 8/25/93	.026
9075897	<i>Bromus marginatus</i>	8/18 & 8/25/93	.372
9075921	<i>Festuca idahoensis</i>	8/18 & 8/25/93	.048
9075959	<i>Lupinus</i>	8/18 & 8/25/93	.026
9075966	<i>Phacelia hastata</i>	8/18 & 8/25/93	.005
9063500	<i>Elymus elymoides</i>	8/18 & 8/25/93	.336
9063516	<i>Achnatherum occidentale</i> ssp <i>occidentale</i>	8/18 & 8/25/93	.129
9063435	<i>Pseudoroegneria spicata</i>	8/10/94	.065
9063500	<i>Elymus elymoides</i>	8/10/94	.046
9063516	<i>Achnatherum occidentale</i> ssp <i>occidentale</i>	8/10/94	.183
9063221	<i>Achillea millefolium</i>	8/10/94	.130
9075897	<i>Bromus marginatus</i>	8/15/95	.225
9063500	<i>Elymus elymoides</i>	8/15/95	.039
9063435	<i>Pseudoroegneria spicata</i>	8/15/95	.015
9063516	<i>Achnatherum occidentale</i> ssp <i>occidentale</i>	8/15/95	.111
9063221	<i>Achillea millefolium</i>	8/15/95	.009
9063222	<i>Heterotheca villosa</i>	8/15/95	.002
9075959	<i>Lupinus</i>	8/15/95	.091
9075966	<i>Phacelia hastata</i>	8/15/95	.017

92. WHISKEY FLATS

Whiskey Flats picnic area

Elevation: 7,200 feet

Dominant Vegetation:

Accession	Genus & Species	Collection Date	Amount (kg)
9063224	<i>Calamagrostis rubescens</i>	8/22 & 8/27/90	.053
9063225	<i>Eriogonum umbellatum</i>	8/22 & 8/27/90	.120
9063226	<i>Lupinus</i>	8/22 & 8/27/90	.017

Accession	Genus & Species	Collection Date	Amount (kg)
9063228	<i>Arenaria congesta</i>	8/22 & 8/27/90	.041
9063229	<i>Achillea millefolium</i>	8/22 & 8/27/90	.032
9063228	<i>Arenaria congesta</i>	8/18 & 8/19/92	.013
9063225	<i>Eriogonum umbellatum</i>	8/18 & 8/19/92	.018
9063499	<i>Elymus elymoides</i>	8/18 & 8/19/92	.051
9063515	<i>Achnatherum occidentale</i> ssp <i>occidentalis</i>	8/18 & 8/19/92	.013
9063228	<i>Arenaria congesta</i>	8/31/93	.039
9063225	<i>Eriogonum umbellatum</i>	8/31/93	.071
9075929	<i>Hesperostipa comata</i> ssp <i>comata</i>	8/31/93	.028

93. WEST THUMB CREEK - I

East of gravel pit turnout, by big turnout

Elevation: 7,750 feet

Dominant Vegetation:

Accession	Genus & Species	Collection Date	Amount (kg)
9058249	<i>Heterotheca villosa</i>	8/25/90	.050
9058236	<i>Anaphalis margaritacea</i>	8/25/90	.149
9081519	<i>Elymus glaucus</i>	8/27 & 8/30/98	.969
9081538	<i>Festuca idahoensis</i>	8/31/98	.908
9081565	<i>Achillea millefolium</i>	8/31/98	.038
9081575	<i>Campanula rotundifolia</i>	8/27 & 8/31/98	.034
9081584	<i>Eriogonum umbellatum</i>	8/27/98	.210
9081590	<i>Geranium viscosissimum</i>	8/27/98	.002
9081595	<i>Linum perenne</i>	8/31/98	.012

94. OLD FAITHFUL MAINTENANCE SHOP

Across from the entrance to Old Faithful maintenance shop

Elevation: 7,400 feet

Dominant Vegetation: *Pinus contorta*, *Achillea millefolium*

Accession	Genus & Species	Collection Date	Amount (kg)
9063230	<i>Achillea millefolium</i>	8/28/90	.078
9078467	<i>Agrostis scabra</i>	8/13/96	.046
9078469	<i>Agrostis</i>	8/13/96	.085
9078483	<i>Elymus caninum</i>	8/13/96	.040
9078484	<i>Elymus elymoides</i>	8/13/96	.127
9078489	<i>Elymus glaucus</i>	8/13 & 8/15/96	.093
9078494	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/13 & 8/15/96	.404
9078498	<i>Festuca idahoensis</i>	8/13/96	.059
9063230	<i>Achillea millefolium</i>	8/13/96	.016
9078520	<i>Agoseris aurantiaca</i>	8/13/96	.003
9078522	<i>Anaphalis margaritacea</i>	8/15/96	.001
9078525	<i>Antennaria microphylla</i>	8/13/96	trace
9078527	<i>Aquilegia coerulea</i>	8/13/96	.005
9078528	<i>Arenaria congesta</i>	8/15/96	.027
9078535	<i>Campanula rotundifolia</i>	8/13 & 8/15/96	.006
9078540	<i>Castilleja linariifolia</i>	8/13 & 8/15/96	.011
9078542	<i>Chamerion angustifolium</i> ssp. <i>angustifolium</i>	8/15/96	.005
9078545	<i>Eriogonum flavum</i>	8/13 & 8/15/96	.094
9078550	<i>Eriogonum umbellatum</i>	8/13 & 8/15/96	.707
9078556	<i>Geranium richardsonii</i>	8/13/96	.031
9078566	<i>Lupinus</i>	8/15/96	.003
9078467	<i>Agrostis scabra</i>	8/21/97	.165
9081347	<i>Bromus marginatus</i>	8/21/97	.272
9078483	<i>Elymus caninus</i>	8/19/97	.080
9078404	<i>Elymus elymoides</i>	8/19/97	.149
9081366	<i>Koeleria nitida</i>	8/19 & 8/21/97	.004
9078520	<i>Agoseris aurantiaca</i>	8/18/97	.004

Accession	Genus & Species	Collection Date	Amount (kg)
9081383	<i>Antennaria rosea</i>	8/19/97	.004
9078527	<i>Aquilega</i>	8/7 & 8/19/97	.018
9078535	<i>Campanula rotundifolia</i>	8/19/97	trace
9078540	<i>Castilleja linariifolia</i>	1997	.009
9078545	<i>Eriogonum flavum</i>	8/21/97	.059
9078556	<i>Geranium richardsonii</i>	8/19/97	.016
9078550	<i>Eriogonum umbellatum</i>	8/18/04	.142
9078489	<i>Elymus glaucus</i>	8/19/04	.110
9087453	<i>Carex</i>	8/18/04	.012
9063230	<i>Achillea millefolium</i>	8/18/04	.037
9078535	<i>Campanula rotundifolia</i>	8/19/04	.010
9078550	<i>Eriogonum umbellatum</i>	8/18/04	.142

95. MADISON MAINTENANCE AREA

Between Madison maintenance office and road

Elevation: 6,800 feet

Dominant Vegetation:

Accession	Genus & Species	Collection Date	Amount (kg)
9063231	<i>Eriogonum umbellatum</i>	8/27/90	.526
9076211	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/25/94	.027
9076224	<i>Deschampsia caespitosa</i>	8/25/94	.003
9076242	<i>Achnatherum richardsonii</i>	8/25/94	.026
9076173	<i>Achillea millefolium</i>	8/25/94	.013
9076189	<i>Linum lewisii</i>	8/25/94	.016
9076304	<i>Elymus glaucus</i>	8/2/95	.173
9076211	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/2/95	.128
9076173	<i>Achillea millefolium</i>	9/7/95	.026
9076336	<i>Eurybia integrifolia</i>	9/7/95	.016
9063231	<i>Eriogonum umbellatum</i>	9/7/95	.090
9078205	<i>Geranium viscosissimum</i>	9/7/95	.007
9078230	<i>Potentilla gracilis</i>	9/7/95	.103
9078233	<i>Solidago canadensis</i> var. <i>salebrosa</i>	9/7/95	.004
9078476	<i>Bromus marginatus</i>	8/5/96	.181
9076211	<i>Elymus trachycaulus</i>	8/5/96	.132
9078499	<i>Festuca idahoensis</i>	8/5/96	.015
9078509	<i>Pseudoroegneria spicata</i>	8/5/96	.167
9078526	<i>Antennaria microphylla</i>	8/15/96	.003
9063231	<i>Eriogonum umbellatum</i>	8/5/96	.074
9078509	<i>Pseudoroegneria spicata</i>	8/12/97	.166
9063231	<i>Eriogonum umbellatum</i>	8/12 & 8/19/97	.242
9076189	<i>Linum lewisii</i>	8/12/97	.015
9081416	<i>Penstemon</i>	9/11/97	.038
9078233	<i>Solidago canadensis</i> var. <i>salebrosa</i>	9/11/97	.149
9081516	<i>Elymus elymoides</i>	8/12/98	.009
9078509	<i>Pseudoroegneria spicata</i>	8/3 & 8/12/98	.083
9063231	<i>Eriogonum umbellatum</i>	8/12/98	.010
9076189	<i>Linum lewisii</i>	8/12/98	.028
9076211	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/4/99	.570
9078476	<i>Bromus marginatus</i>	8/4/99	.718
9081516	<i>Elymus elymoides</i>	8/4/99	.053
9076173	<i>Achillea millefolium</i>	8/4/99	.045
9063231	<i>Eriogonum umbellatum</i>	8/4/99	.112
9081742	<i>Koeleria macrantha</i>	8/4/99	.001
9081774	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	8/4/99	.073
9081795	<i>Heterotheca villosa</i> var. <i>depressa</i>	9/9/99	.103
9081824	<i>Solidago</i>	9/9/99	.013
9078509	<i>Pseudoroegneria spicata</i>	8/10/00	.069

Accession	Genus & Species	Collection Date	Amount (kg)
9076173	<i>Achillea millefolium</i>	8/14 & 8/16/01	.162
9076189	<i>Linum lewisii</i>	8/7, 8/14, & 8/16/01	.145
9063213	<i>Eriogonum umbellatum</i>	8/7/01	.039
9076211	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/14 & 8/16/01	3.129
9078509	<i>Pseudoroegneria spicata</i>	8/7/01	.049
9082043	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/14/01	.025
9082071	<i>Heterotheca villosa</i>	8/14/01	.203
9076211	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/20/03	.852
9063231	<i>Eriogonum umbellatum</i>	8/26/04	.130
9076211	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/17/04	.625
9076173	<i>Achillea millefolium</i>	8/17/04	.085
9087471	<i>Campanula rotundifolia</i>	8/17/04	.004
9063231	<i>Eriogonum umbellatum</i>	8/26/04	.130
9078476	<i>Bromus marginatus</i>	8/17/05	.201
9076211	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/17/05	.363
9076173	<i>Achillea millefolium</i>	8/17/05	.027
9076189	<i>Linum lewisii</i>	8/17/05	.045
9076173	<i>Achillea millefolium</i>	8/09/06	.046
9087706	<i>Eriophyllum lanatum</i>	9/06/06	.005
9076211	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/06/06	.535
9063213	<i>Eriogonum umbellatum</i>	9/06/06	.032
9081795	<i>Heterotheca villosa</i> var. <i>depressa</i>	9/06/06	.065
9076189	<i>Linum lewisii</i>	9/06/06	.096
9078509	<i>Pseudoroegneria spicata</i>	9/06/06	.023
9078233	<i>Solidago canadensis</i> var. <i>salebrosa</i>	9/06/06	.001
9087711	<i>Pinus contorta</i> var. <i>latifolia</i>	8/09/06	.069

96. FOUNTAIN FLATS DUMP ROAD

Elevation: 7,200 feet

Dominant Vegetation:

Accession	Genus & Species	Collection Date	Amount (kg)
9063232	<i>Eriogonum umbellatum</i>	8/27/90	.315
9063340	<i>Heterotheca villosa</i>	9/06/91	.057
9063232	<i>Eriogonum umbellatum</i>	8/18 & 8/24/93	.130
9075925	<i>Festuca idahoensis</i>	8/18 & 8/24/93	.273
9075943	<i>Arenaria congesta</i>	8/18 & 8/24/93	.010
9076212	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/11 & 8/22/94	.100
9076225	<i>Deschampsia caespitosa</i>	8/11 & 8/22/94	.745
9063232	<i>Eriogonum umbellatum</i>	8/11 & 8/22/94	.410
9076244	<i>Bromus marginatus</i>	8/15/95	.286
9063232	<i>Eriogonum umbellatum</i>	8/15/95	.238
9078216	<i>Penstemon cyaneus</i>	8/15/95	.019
9075925	<i>Festuca idahoensis</i>	8/12/96	.054
9078510	<i>Pseudoroegneria spicata</i>	8/12 & 8/13/96	.060
9078515	<i>Achnatherum richardsonii</i>	8/12/96	.086
9078516	<i>Achillea millefolium</i>	8/12/96	.036
9078532	<i>Eurybia integrifolia</i>	8/27/96	.006
9063232	<i>Eriogonum umbellatum</i>	8/12 & 8/27/96	.478
9078216	<i>Penstemon cyaneus</i>	8/12, 8/13, & 8/27/96	.088
9078581	<i>Potentilla</i>	8/13/96	trace
9078586	<i>Solidago canadensis</i> var. <i>salebrosa</i>	8/13/96	trace

97. FIREHOLE HILL

Near Madison water tower

Elevation: 7,200 feet

Dominant Vegetation: *Epilobium* species

Accession	Genus & Species	Collection Date	Amount (kg)
9063227	<i>Calamagrostis rubescens</i>	8/27/90	.350
9063521	<i>Chamerion angustifolium</i> ssp. <i>angustifolium</i>	8/27/90	.380
9063229	<i>Achillea millefolium</i>	8/17 & 8/27/93	.065
9075883	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/17 & 8/27/93	.090
9075928	<i>Elymus elymoides</i>	8/17 & 8/27/93	.383
9075951	<i>Eriogonum umbellatum</i>	8/17 & 8/27/93	.226
9063226	<i>Lupinus</i>	8/17 & 8/27/93	.005
9075965	<i>Phacelia hastata</i>	8/17 & 8/27/93	.009
9075967	<i>Potentilla</i> ssp.	8/17 & 8/27/93	.031
9063229	<i>Achillea millefolium</i>	8/11/94	.019
9076342	<i>Eriogonum umbellatum</i>	8/15/95	.093
9078220	<i>Penstemon fruticosus</i>	8/15/95	.033
9075965	<i>Phacelia hastata</i>	8/15/95	.007
9079231	<i>Potentilla gracilis</i>	8/15/95	.038
9078517	<i>Achillea millefolium</i>	8/13/96	trace
9078523	<i>Anaphalis margaritacea</i>	8/12/96	.007
9076342	<i>Eriogonum umbellatum</i>	8/13/96	.007
9075967	<i>Potentilla</i>	8/13/96	.013
9078487	<i>Elymus elymoides</i>	8/13/96	.005
9078523	<i>Anaphalis margaritacea</i>	9/9/99	.040
9063521	<i>Chamerion angustifolium</i> ssp. <i>angustifolium</i>	9/9/99	trace
9081811	<i>Penstemon procerus</i>	9/9/99	.003

98. CANYON CORRALS

Elevation: 7,800 feet

Dominant Vegetation:

Accession	Genus & Species	Collection Date	Amount (kg)
9063233	<i>Achillea millefolium</i>	9/1/90	.006
9063234	<i>Eriogonum umbellatum</i>	9/1/90	.030
9063235	<i>Potentilla</i>	9/1/90	.380
9081571	<i>Eurybia integrifolia</i>	8/26/98	.004
9081576	<i>Campanula rotundifolia</i>	8/26/98	.004
9081597	<i>Lupinus</i>	8/26/98	.019
9063235	<i>Potentilla</i>	8/26/98	.167
9063233	<i>Achillea millefolium</i>	8/24/99	.001
9081571	<i>Eurybia integrifolia</i>	8/24/99	.011
9063234	<i>Eriogonum umbellatum</i>	8/24/99	.319
9081703	<i>Bromus marginatus</i>	8/24/99	.460
9081714	<i>Carex</i>	8/24/99	.191
9081732	<i>Elymus trachycaulus</i>	8/24/99	.070
9081769	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/24/99	.017
9081806	<i>Minuartia obtusiloba</i>	8/24/99	.003
9081816	<i>Potentilla gracilis</i>	8/24/99	.119

99. BRIDGE BAY

Two miles south of Bridge Bay

Elevation: 7,880 feet

Dominant Vegetation:

Accession	Genus & Species	Collection Date	Amount (kg)
9063236	<i>Achillea millefolium</i>	9/01/90	.138
9063237	<i>Eriogonum umbellatum</i>	9/01/90	.013

100. WEST THUMB CREEK - II

One mile north

Elevation: 7,750 feet

Dominant Vegetation:

Accession	Genus & Species	Collection Date	Amount (kg)
9063162	<i>Eriogonum umbellatum</i>	9/1/90	.724
9076174	<i>Achillea millefolium</i>	8/16/94	.004
9076175	<i>Aster engelmanni</i>	8/16/94	.020
9076178	<i>Eurybia integrifolia</i>	8/16/94	.039
9076204	<i>Potentilla</i>	8/16/94	.207
9063162	<i>Eriogonum umbellatum</i>	8/16/94	.588
9078477	<i>Bromus marginatus</i>	8/26/96	.026
9078485	<i>Elymus elymoides</i>	8/26/96	.097
9078490	<i>Elymus glaucus</i>	8/21 & 8/26/96	.413
9078500	<i>Festuca idahoensis</i>	8/21/96	.025
9076178	<i>Eurybia integrifolia</i>	8/26/96	.005
9078536	<i>Campanula rotundifolia</i>	8/21 & 8/26/96	.002
9063162	<i>Eriogonum umbellatum</i>	8/26/96	.677
9078553	<i>Eriophyllum lanatum</i>	8/21/96	.034
9078560	<i>Helianthella uniflora</i>	8/26/96	.209
9078567	<i>Lupinus</i>	8/21 & 8/26/96	.028
9078570	<i>Pedicularis bracteosa</i>	8/26/96	trace
9078576	<i>Phacelia hastata</i>	8/21/96	.003
9076204	<i>Potentilla</i>	8/26/96	.090
9078587	<i>Solidago canadensis</i> var. <i>salebrosa</i>	8/26/96	.010
9078589	<i>Heliomeris multiflora</i> var. <i>multiflora</i>	8/21/96	.072
9078490	<i>Elymus glaucus</i>	9/3/97	.409
9076174	<i>Achillea millefolium</i>	9/3/97	.050
9081380	<i>Anaphalis margaritacea</i>	9/3/97	.012
9076178	<i>Eurybia integrifolia</i>	9/3/97	.040
9078536	<i>Campanula rotundifolia</i>	9/3/97	.015
9063162	<i>Eriogonum umbellatum</i>	9/3/97	.253
9078589	<i>Heliomeris multiflora</i> var. <i>multiflora</i>	9/3/97	.148

101. PELICAN MEADOW

Half way between Indian Pond and Pelican Creek

Elevation: 7,750 feet

Dominant Vegetation: *Artemisia tridentata*, *Achillea millefolium*, *Eriogonum umbellatum*, *Pinus contorta*

Accession	Genus & Species	Collection Date	Amount (kg)
9063312	<i>Eriogonum umbellatum</i>	8/28/91	.148
9063333	<i>Achillea millefolium</i>	8/28/91	.046
9063333	<i>Achillea millefolium</i>	8/26 & 8/27/92	.031
9063442	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/26 & 8/27/92	.517
9063457	<i>Eurybia integrifolia</i>	8/26 & 8/27/92	.017
9063460	<i>Bromus marginatus</i>	8/26 & 8/27/92	.364
9063511	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/26 & 8/27/92	.115
9063442	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/8 & 9/20/93	.114
9075900	<i>Danthonia intermedia</i>	9/8 & 9/20/93	.048
9075904	<i>Deschampsia caespitosa</i>	9/8 & 9/20/93	.015
9075919	<i>Festuca idahoensis</i>	9/8 & 9/20/93	.103
9063442	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/29/94	.025
9075919	<i>Festuca idahoensis</i>	8/29/94	.009
9078471	<i>Bromus anomalus</i>	8/19/96	.077
9063460	<i>Bromus marginatus</i>	8/19 & 8/22/96	.748
9075900	<i>Danthonia intermedia</i>	8/22/96	.007
9063442	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/19 & 8/22/96	.804
9075919	<i>Festuca idahoensis</i>	8/19 & 8/22/96	1.406
9078529	<i>Arenaria congesta</i>	8/19/96	.011
9078551	<i>Eriogonum umbellatum</i>	8/19/96	.253
9078568	<i>Lupinus</i>	8/19/96	trace
9075919	<i>Festuca idahoensis</i>	9/2 & 9/4/97	.711
9081376	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	9/2 & 9/4/97	.131

Accession	Genus & Species	Collection Date	Amount (kg)
9081379	<i>Agoseris glauca</i>	9/2/97	.001
9081412	<i>Penstemon cyaneus</i>	9/2/97	.011
9078471	<i>Bromus anomalus</i>	8/24/98	.196
9075904	<i>Deschampsia caespitosa</i>	9/3/98	.043
9063442	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/24 & 9/03/98	.243
9075919	<i>Festuca idahoensis</i>	8/24/98	.177
9078551	<i>Eriogonum umbellatum</i>	8/24/98	.056
9081596	<i>Linum perenne</i>	9/3/98	.002
9078568	<i>Lupinus</i>	8/24/98	.107
9063460	<i>Bromus marginatus</i>	8/17/00	.340
9075900	<i>Danthonia intermedia</i>	8/17/00	.043
9075904	<i>Deschampsia caespitosa</i>	8/17/00	.318
9063442	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/17/00	.385
9075919	<i>Festuca idahoensis</i>	8/17/00	.060
9063511	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/17/00	.290
9063312	<i>Eriogonum umbellatum</i>	8/17/00	.180
9081928	<i>Phacelia sericea</i>	8/17/00	.021
9063511	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/21/02	.029
9063460	<i>Bromus marginatus</i>	8/21/02	.200
9063312	<i>Eriogonum umbellatum</i>	8/21/02	.226
9082221	<i>Minuartia obtusiloba</i>	8/21/02	.011
9063333	<i>Achillea millefolium</i>	8/30/06	.011

102. WHITE DOME GEYSER

Along Firehole Lake Drive

Elevation: 7,350 feet

Dominant Vegetation: *Elymus trachycaulus*, *Aster* species, *Solidago* species

Accession	Genus & Species	Collection Date	Amount (kg)
9063304	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/29/91	.305
9063334	<i>Achillea millefolium</i>	8/29/91	.002
9063335	<i>Solidago</i>	8/29/91	.078
9063304	<i>Elymus trachycaulus</i>	8/24/93	1.700
9063334	<i>Achillea millefolium</i>	8/24/93	.064
9063304	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/22/94	.392
9076184	<i>Gentianopsis thermalis</i> (<i>detonsa</i> ?)	8/22/94	.023
9063304	<i>Elymus trachycaulus</i>	8/30/99	.015
9081719	<i>Danthonia intermedia</i>	8/30/99	.012
9063334	<i>Achillea millefolium</i>	8/30/99	.001
9081796	<i>Heterotheca villosa</i> var. <i>depressa</i>	8/30/99	.057
9081799	<i>Linum lewisii</i>	8/30/99	.028
9081825	<i>Solidago</i>	8/30/99	.003

103. FIREHOLE LAKE DUMP ROAD

Off of Firehole Lake Drive

Elevation: 7,400 feet

Dominant Vegetation: *Dasiphora floribunda*, *Pinus contorta*

Accession	Genus & Species	Collection Date	Amount (kg)
9063336	<i>Arenaria congesta</i>	8/29 & 9/6/91	.002
9063337	<i>Achillea millefolium</i>	8/29 & 9/6/91	.003
9063338	<i>Dasiphora floribunda</i>	8/29 & 9/6/91	.016
9076190	<i>Linum lewisii</i>	8/11/94	.048
9076213	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/11/94	.094
9076195	<i>Pedicularis</i>	8/11/94	.085

104. GREEN THERMAL LAKE

Two miles west of Cub Creek Curve

Elevation: 8,480 feet

Dominant Vegetation: *Leymus cinereus*, *Abies Lasiocarpa*, *Pinus contorta*

Accession	Genus & Species	Collection Date	Amount (kg)
9063339	<i>Elymus glaucus</i>	9/24/91	.022
9063456	<i>Eurybia integrifolia</i>	9/1/92	.002
9063339	<i>Elymus glaucus</i>	9/1/92	.744

105. FOUNTAIN FLATS FREIGHT ROAD (MIDDLE)

Fountain Flats Road where gravel and pavement meet at turnout

Elevation: 7,200 feet

Dominant Vegetation: *Bromus marginatus*, *Festuca idahoensis*, *Elymus glaucus*, *Achillea millefolium*, *Aster* species, *Solidago canadensis* var. *salebrosa*

Accession	Genus & Species	Collection Date	Amount (kg)
9063446	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/24/92	.223
9063462	<i>Bromus marginatus</i>	8/24/92	.059
9063464	<i>Elymus glaucus</i>	8/24/92	.165
9063446	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/10/94	.015
9076226	<i>Deschampsia caespitosa</i>	8/10/94	1.106

106. TALUS INTERPRETATION SITE

East of Seven Mile Bridge, along Madison River below Mount Jackson

Elevation: 6,762 feet

Dominant Vegetation: *Pinus contorta*, *Pseudoroegneria spicata*, *Purshia tridentata*, *Achillea millefolium*, *Mahonia repens*

Accession	Genus & Species	Collection Date	Amount (kg)
9063430	<i>Elymus caninus</i>	8/17/92	.238
9063475	<i>Eriogonum umbellatum</i>	8/17/92	.070
9082046	<i>Achillea millefolium</i>	8/9/01	.076
9082049	<i>Arenaria congesta</i>	8/9/01	.049
9082083	<i>Phacelia hastata</i>	8/9/01	.006

107. SEVEN MILE BRIDGE AREA

Around Madison River Picnic Area - both sides of main road

Elevation: 6,750 feet

Dominant Vegetation: *Pseudoroegneria spicata*, *Artemisia tridentata*, *Solidago canadensis* var. *salebrosa*, *Achillea millefolium*, *Arenaria congesta*

Accession	Genus & Species	Collection Date	Amount (kg)
9063423	<i>Achillea millefolium</i>	8/17/92	.499
9063452	<i>Arenaria congesta</i>	8/17/92	.030
9063470	<i>Eriogonum umbellatum</i>	8/17/92	.246
9063488	<i>Phacelia hastata</i>	8/17/92	.008
9063497	<i>Potentilla</i>	8/17/92	.008
9063507	<i>Solidago</i>	8/17/92	.020

108. MADISON JUNCTION PICNIC AREA

East side of Grand Loop Road between road and Gibbon River

Elevation: 6,806 feet

Dominant Vegetation: *Pinus contorta*, *Pseudoroegneria spicata*, *Eriogonum* species, *Antennaria microphylla*, *Phacelia hastata*

Accession	Genus & Species	Collection Date	Amount (kg)
9063424	<i>Achillea millefolium</i>	8/12 & 8/17/92	.092
9063472	<i>Eriogonum umbellatum</i>	8/12 & 8/17/92	.109

109. SAGE MEADOWS (EAST)

Old roadbed on south side of road - One mile east of Children's Nature Trail

Elevation: 6,707 feet

Dominant Vegetation: *Elymus trachycaulus*, *Pseudoroegneria spicata*, *Phacelia hastata*, *Achillea millefolium*,
Penstemon species, *Potentilla* species

Accession	Genus & Species	Collection Date	Amount (kg)
9063425	<i>Achillea millefolium</i>	8/12 & 8/20/92	.263
9063440	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/12 & 8/20/92	.131
9063484	<i>Penstemon</i>	8/12 & 8/20/92	.069
9063489	<i>Phacelia hastata</i>	8/12 & 8/20/92	.101
9063498	<i>Potentilla</i>	8/12 & 8/20/92	.012

110. FOUNTAIN FLATS FREIGHT ROAD (SOUTH END)

Near bridge over Firehole River - both sides of road and river, and along power line

Elevation: 7,254 feet

Dominant Vegetation: *Pinus contorta*, *Pseudoroegneria spicata*, *Poa* species, *Phleum pratense*, *Elymus glaucus*, *Achillea millefolium*, *Heterotheca villosa*, *Phacelia hastata*

Accession	Genus & Species	Collection Date	Amount (kg)
9063426	<i>Achillea millefolium</i>	8/19/92	.033
9063431	<i>Pseudoroegneria spicata</i>	8/19/92	.319
9063468	<i>Elymus glaucus</i>	8/19/92	.179
9063508	<i>Solidago</i>	8/19/92	.001
9063517	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	8/19/92	.009
9063518	<i>Viguiera multiflora</i>	8/19/92	.189
9063426	<i>Achillea millefolium</i>	8/30/93	.124
9075912	<i>Elymus glaucus</i>	8/30/93	.270
9063517	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	8/30/93	.049
9063431	<i>Pseudoroegneria spicata</i>	8/11/94	.007
9063468	<i>Elymus glaucus</i>	8/11/94	.128
9063426	<i>Achillea millefolium</i>	8/11/94	.022
9076193	<i>Lupinus</i>	8/11/94	.168
9076181	<i>Eriogonum umbellatum</i>	8/11/94	.009
9078495	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/12/96	.399

111. MADISON ROAD (2ND & 3RD PULLOUTS)

West of Madison Junction 1.2 and 1.7 miles - both sides of road near trail head to Harlequin Lake

Elevation: 6,800 feet

Dominant Vegetation: *Pseudoroegneria spicata*, *Penstemon* species, *Solidago* species, *Pinus contorta*, *Artemisia tridentata*, *Elymus trachycaulus*, *Antennaria microphylla*

Accession	Genus & Species	Collection Date	Amount (kg)
9063433	<i>Pseudoroegneria spicata</i>	8/20/92	.049
9063441	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/20/92	.598
9063482	<i>Penstemon</i> (small)	8/20/96	.081
9063483	<i>Penstemon</i> (large)	8/20/92	.135
9063490	<i>Phacelia hastata</i>	8/20/92	.007
9063510	<i>Solidago</i>	8/20/92	.060

112. NORRIS HOUSING

Road entering Housing Circle, around gas pump area and meadow east of road

Elevation: 7,484 feet

Dominant Vegetation: *Pinus contorta*, *Elymus trachycaulus*, *Arenaria congesta*, *Achillea millefolium*, *Antennaria microphylla*, *Penstemon* species, *Arenaria congesta*

Accession	Genus & Species	Collection Date	Amount (kg)
9063429	<i>Achillea millefolium</i>	8/27/92	.010
9063447	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/27/92	.075
9063453	<i>Arenaria congesta</i>	8/27/92	.002
9063486	<i>Penstemon</i>	8/27/92	.042
9063502	<i>Elymus elymoides</i>	8/27/92	.012
9087347	<i>Eriogonum umbellatum</i>	8/20/03	.072

113. SAGE MEADOWS (WEST)

Within boardwalk area of Children's Nature Trail

Elevation: 6,707 feet

Dominant Vegetation: *Pinus contorta*, *Artemisia tridentata*, *Pseudoroegneria spicata*, *Purshia tridentata*,
Achillea millefolium, *Phacelia hastata*, *Solidago elongata*, *Antennaria microphylla*, *Eriogonum* species

Accession	Genus & Species	Collection Date	Amount (kg)
9063427	<i>Achillea millefolium</i>	8/20/92	.017
9063432	<i>Pseudoroegneria spicata</i>	8/20/92	1.380
9063491	<i>Phacelia hastata</i>	8/20/92	.017
9081539	<i>Festuca idahoensis</i>	8/5 & 8/6/98	.527
9063432	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/5/98	.690
9081557	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	8/5/98	.128
9081585	<i>Eriogonum umbellatum</i>	8/5 & 8/6/98	.033
9081585	<i>Eriogonum umbellatum</i>	8/7/01	.369
9063432	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/8/02	.013
9081585	<i>Eriogonum umbellatum</i>	8/8/02	.093
9081539	<i>Festuca idahoensis</i>	8/5/03	.040
9063432	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/5/03	.142
9087342	<i>Castilleja sulphurea</i>	8/6/03	.011
9081585	<i>Eriogonum umbellatum</i>	8/5/03	.203
9087351	<i>Penstemon procerus</i>	8/5/03	.031
9081585	<i>Eriogonum umbellatum</i>	8/11/04	.388
9063432	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/11/04	.020
9087475	<i>Eriogonum umbellatum</i> var. <i>dichrocephelum</i>	8/18/04	.129
9087462	<i>Hesperostipa comata</i>	8/3/04	.084
9087460	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/26/04	.582
9087482	<i>Lupinus argenteus</i>	8/3/04	.172
9087351	<i>Penstemon procerus</i>	8/11/04	.024
9081539	<i>Festuca idahoensis</i>	8/10 & 8/17/05	.434
9063432	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/10 & 8/17/05	1.623
9063427	<i>Achillea millefolium</i>	8/17/05	.094
9087342	<i>Castilleja sulphurea</i>	8/10/05	.028
9081585	<i>Eriogonum umbellatum</i>	8/10 & 8/17/05	.268
9087351	<i>Penstemon procerus</i>	8/17/05	.015
9087700	<i>Arenaria congesta</i>	8/08/06	.001
9063427	<i>Achillea millefolium</i>	8/08/06	.059
9081585	<i>Eriogonum umbellatum</i>	8/08/06	.410
9087696	<i>Koeleria macrantha</i>	8/08/06	.001
9063432	<i>Pseudoroegneria spicata</i>	8/08/06	.030

114. LAKE BUTTE POND (EAST)

One mile east of Lake Butte Pond in large meadow north of road

Elevation: 8,400 feet

Dominant Vegetation: *Artemisia tridentata*, *Festuca idahoensis*, *Bromus marginatus*, *Elymus trachycaulus*,
Eriogonum species, *Achillea millefolium*

Accession	Genus & Species	Collection Date	Amount (kg)
9063519	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/2/92	.168
9063463	<i>Bromus marginatus</i>	9/2/92	.060
9063465	<i>Elymus glaucus</i>	9/2/92	.069
9063477	<i>Festuca idahoensis</i>	9/2/92	.013

115. TOP NOTCH PEAK AREA

Halfway between Sylvan Lake and Lake Eleanor where creek flows out between Top Notch Peak and Grizzly Peak

Elevation: 8,600 feet

Dominant Vegetation: *Elymus trachycaulus*, *Bromus marginatus*, *Elymus glaucus*, *Anaphalis margaritacea*,
Eriogonum species

Accession	Genus & Species	Collection Date	Amount (kg)
9063436	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/2/92	1.001
9063450	<i>Anaphalis margaritacea</i>	9/2/92	.004
9063466	<i>Elymus glaucus</i>	9/2/92	.518

116. NEZ PERCE CABIN

Both sides of dirt road into cabin

Elevation: 7,200 feet

Dominant Vegetation: Unburned *Pinus contorta* forest; *Carex* species, *Festuca idahoensis*, *Lupinus* species, *Achillea millefolium*

Accession	Genus & Species	Collection Date	Amount (kg)
9075957	<i>Lupinus</i>	8/17/93	.125
9076186	<i>Gentianopsis thermalis</i>	8/22/94	.366
9078478	<i>Bromus marginatus</i>	8/12/96	.012
9078511	<i>Pseudoroegneria spicata</i>	8/12 & 8/15/96	.172
9078518	<i>Achillea millefolium</i>	8/12/96	.003
9078541	<i>Chaenactis douglasii</i>	8/15/96	.014
9078546	<i>Eriogonum flavum</i>	8/15/96	.005
9078564	<i>Linum lewisii</i>	8/12,8/15, 8/27/96	.154
9078575	<i>Penstemon</i>	8/15 & 8/27/96	.080
9078588	<i>Solidago canadensis</i> var. <i>salebrosa</i>	8/15 & 8/27/96	.018

117. LAMAR PICNIC AREA WEST

West of Lamar Picnic Area from 1 to 2 miles on both sides of road east of Lamar Buffalo Ranch

Elevation: 6,560 feet

Dominant Vegetation: Open grassland; *Festuca idahoensis*, *Achnatherum richardsonii*, *Agropyron spicatum*, *Elymus trachycaulus*, *Achillea millefolium*, *Artemisia tridentata*, *Geranium viscosissimum*

Accession	Genus & Species	Collection Date	Amount (kg)
9075870	<i>Pseudoroegneria spicata</i>	8/19 & 8/23/93	.080
9075924	<i>Festuca idahoensis</i>	8/19 & 8/23/93	.269
9075936	<i>Achnatherum richardsonii</i>	9/19 & 8/23/93	.353
9075937	<i>Achillea millefolium</i>	9/19 & 8/23/93	.161
9081369	<i>Leymus cinereus</i>	9/10/97	.970
9081401	<i>Geranium viscosissimum</i>	9/10/97	.001
9081424	<i>Potentilla gracilis</i>	9/10/97	.012
9075870	<i>Pseudoroegneria spicata</i>	7/30/98	.317
9081586	<i>Eriogonum umbellatum</i>	8/5 & 8/6/98	.033
9081660	<i>Sedum lanceolatum</i>	8/10/98	.005

118. SODA BUTTE THERMAL FEATURE

Both sides of the road east and west of the pullout by the thermal feature; also on hillside on the west side of the road

Elevation: 6,600 feet

Dominant Vegetation: Open grassland; *Festuca idahoensis*, *Achnatherum richardsonii*, *Agropyron spicatum*, *Elymus trachycaulus*, *Achillea millefolium*, *Antennaria microphylla*, *Artemisia tridentata*

Accession	Genus & Species	Collection Date	Amount (kg)
9075873	<i>Pseudoroegneria spicata</i>	8/19 & 8/26/93	.170
9075880	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/19 & 8/26/93	1.582
9075922	<i>Festuca idahoensis</i>	8/19 & 8/26/93	.123
9075934	<i>Achnatherum richardsonii</i>	8/19 & 8/26/93	.095
9076228	<i>Leymus cinereus</i>	8/17/94	.930
9078472	<i>Bromus anomalus</i>	8/6/96	.039
9075922	<i>Festuca idahoensis</i>	8/6/96	.294
9075934	<i>Achnatherum richardsonii</i>	8/6/96	.464
9078557	<i>Geranium viscosissimum</i>	8/6/96	.031
9078569	<i>Lupinus</i>	8/6/96	.015
9078578	<i>Potentilla gracilis</i>	8/6/96	.154
9078582	<i>Potentilla</i>	8/6/96	.051

Accession	Genus & Species	Collection Date	Amount (kg)
9076228	<i>Leymus cinereus</i>	9/10/97	1.792
9081509	<i>Danthonia intermedia</i>	8/4/98	.036
9075922	<i>Festuca idahoensis</i>	7/30 & 8/4/98	.206
9076228	<i>Leymus cinereus</i>	8/18/98	.224
9075934	<i>Achnatherum richardsonii</i>	8/4/98	.540
9078557	<i>Geranium viscosissimum</i>	8/18/98	.272

119. PEBBLE CREEK CAMPGROUND

East side of campground and Pebble Creek to hill and up to main road; and on the south side of road

Elevation: 6,900 feet

Dominant Vegetation: Grassland/riparian zone with *Pinus contorta* and *Picea engelmannii*, *Festuca idahoensis*, *Achnatherum richardsonii*, *Penstemon fruticosus*, *Artemisia tridentata*, *Geranium viscosissimum*

Accession	Genus & Species	Collection Date	Amount (kg)
9075868	<i>Pseudoroegneria spicata</i>	8/23 & 8/26/93	.021
9075876	<i>Elymus trachycaulus</i>	8/23 & 8/26/93	.213
9075923	<i>Festuca idahoensis</i>	8/23 & 8/26/93	.826
9075930	<i>Achnatherum nelsonii</i> ssp <i>nelsonii</i>	8/23 & 8/26/93	.192
9075935	<i>Achnatherum richardsonii</i>	8/23 & 8/26/93	.510
9075946	<i>Eriogonum umbellatum</i>	8/23 & 8/26/93	.025
9075963	<i>Penstemon.</i>	8/23 & 8/26/93	.025
9075868	<i>Pseudoroegneria spicata</i>	8/17/94	.006
9075876	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/17/94	.471
9076220	<i>Bromus anomalus</i>	8/17/94	.448
9076233	<i>Elymus glaucus</i>	8/17/94	.099
9075923	<i>Festuca idahoensis</i>	8/17/94	.015
9076241	<i>Achnatherum occidentale</i> ssp <i>occidentalis</i>	8/17/94	.031
9075935	<i>Achnatherum richardsonii</i>	8/17/94	.021
9076191	<i>Linum lewisii</i>	8/17/94	.208
9076220	<i>Bromus anomalus</i>	8/22 & 8/28/95	.234
9076245	<i>Bromus marginatus</i>	8/22 & 8/28/95	3.670
9075876	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/22 & 8/28/95	.866
9076241	<i>Achnatherum occidentale</i> ssp <i>occidentalis</i>	8/22 & 8/28/95	.056
9076324	<i>Achillea millefolium</i>	8/22 & 8/28/95	.017
9075946	<i>Eriogonum umbellatum</i>	8/22 & 8/28/95	.008
9076191	<i>Linum lewisii</i>	8/22 & 8/28/95	.052
9076220	<i>Bromus anomalus</i>	8/20/96	.442
9076245	<i>Bromus marginatus</i>	8/6/96	1.227
9075876	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/6/96	.054
9075923	<i>Festuca idahoensis</i>	8/6 & 8/20/96	.198
9075868	<i>Pseudoroegneria spicata</i>	8/6/96	.061
9078513	<i>Achnatherum occidentale</i> ssp <i>occidentalis</i>	8/6/96	.028
9075935	<i>Achnatherum richardsonii</i>	8/20/96	.080
9078537	<i>Campanula rotundifolia</i>	8/6/96	.003
9075946	<i>Eriogonum umbellatum</i>	8/6/96	.122
9078554	<i>Fraseria speciosa</i>	8/20/96	.126
9078558	<i>Geranium viscosissimum</i>	8/6/96	.133
9076191	<i>Linum lewisii</i>	8/20/96	.216
9078583	<i>Potentilla</i>	8/6/96	.067
9076220	<i>Bromus anomalus</i>	8/18/98	.442
9075923	<i>Festuca idahoensis</i>	8/4/98	.639
9081566	<i>Antennaria corymbosa</i>	8/4/98	.005
9075946	<i>Eriogonum umbellatum</i>	8/18/98	.056
-	<i>Penstemon procerus</i>	8/4 & 8/8/98	NO FILL
9081661	<i>Sedum lanceolatum</i>	8/18/98	.003
9076191	<i>Linum lewisii</i>	8/18/98	.017

120. NEZ PERCE PICNIC AREA NORTH

One-half mile north of north entrance of Fountain Freight road on east side of road to powerline corridor

Elevation: 7,163 feet

Dominant Vegetation: Unburned *Pinus contorta* forest and small meadow; *Festuca idahoensis*, *Arnica cordifolia*, *Arenaria congesta*, *Carex* species

Accession	Genus & Species	Collection Date	Amount (kg)
9075867	<i>Pseudoroegneria spicata</i>	8/24/93	.040
9075931	<i>Achnatherum occidentale</i> ssp <i>occidentalis</i>	8/24/93	.009
9075960	<i>Lupinus</i>	8/24/93	.072
9076234	<i>Elymus glaucus</i>	8/10/94	.046
9075960	<i>Lupinus</i>	8/10/94	.036
9076246	<i>Bromus marginatus</i>	8/16/95	.249
9075867	<i>Pseudoroegneria spicata</i>	8/16/95	.005
9075960	<i>Lupinus</i>	8/16/95	.029

121. LAMAR CANYON

Both sides of road by long pullout on river side of road before leaving the canyon entering the Lamar Valley

Elevation: 6,400 feet

Dominant Vegetation: Open *Pseudotsuga menziesii* forest and grassland; *Festuca idahoensis*, *Leymus cinereus*, *Pseudoroegneria spicata*, *Geranium viscosissimum*, *Artemisia tridentata*

Accession	Genus & Species	Collection Date	Amount (kg)
9075879	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/26/93	.038
9075891	<i>Bromus anomalus</i>	8/26/93	1.496
9075916	<i>Festuca idahoensis</i>	8/26/93	.067
9075952	<i>Geranium viscosissimum</i>	8/26/93	.014
9075956	<i>Lupinus</i>	8/26/93	.040
9081348	<i>Bromus marginatus</i>	8/18/97	.165
9081358	<i>Elymus caninus</i>	8/18/97	.065
9081370	<i>Leymus cinereus</i>	9/10/97	1.564
9081372	<i>Achnatherum nelsonii</i> ssp <i>nelsonii</i>	8/18/97	.110
9081374	<i>Pseudoroegneria spicata</i>	8/18/97	.161
9081391	<i>Balsamorhiza sagittata</i>	7/15 & 7/23/97	.205
9075952	<i>Geranium viscosissimum</i>	8/18/97	.010
9081425	<i>Potentilla gracilis</i>	8/18/97	.041
9075916	<i>Festuca idahoensis</i>	7/22/98	.116
9081391	<i>Balsamorhiza sagittata</i>	7/20 & 7/21/98	.025

122. SOUTH OF MALLARD CREEK TRAIL HEAD

One mile south of Mallard Creek trail head and 2 miles north of Biscuit Basin on west side of road to Firehole River

Elevation: 7,300 feet

Dominant Vegetation: Partially burned *Pinus contorta* forest; *Elymus glaucus*, *Geranium viscosissimum*, *Thalictrum occidentale*, *Arnica cordifolia*

Accession	Genus & Species	Collection Date	Amount (kg)
9075914	<i>Elymus glaucus</i>	8/30/93	1.704
9075914	<i>Elymus glaucus</i>	8/18/94	.116
9078212	<i>Pedicularis groenlandica</i>	9/1/95	.518

123. BISCUIT BASIN NORTH

One mile north of Biscuit Basin on both sides of road, between road and power line on the east side of road; and road and Firehole River on west side

Elevation: 7,274 feet

Dominant Vegetation: Partially burned, medium-aged *Pinus contorta* forest; *Festuca rubra*, *Elymus glaucus*, *Bromus marginatus*, *Carex* species, *Achillea millefolium*, *Solidago* species

Accession	Genus & Species	Collection Date	Amount (kg)
9075878	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/31/93	.145
9075893	<i>Bromus marginatus</i>	8/31/93	.869
9075909	<i>Elymus glaucus</i>	8/31/93	.288
9075926	<i>Festuca rubra</i>	8/31/93	.557
9075938	<i>Achillea millefolium</i>	8/31/93	.101
9075878	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/18/94	.116
9075909	<i>Elymus glaucus</i>	8/18/94	.131
9075938	<i>Achillea millefolium</i>	8/18/94	.007
9076182	<i>Eriogonum umbellatum</i>	8/18/94	.010

124. VIRGINIA CASCADES DRIVE WEST

Beginning of one-way drive off Norris to Canyon road. Site is located paralleling scenic drive and powerline corridor on both sides of road 1/4-mile into the drive

Elevation: 7,600 feet

Dominant Vegetation: Burned *Pinus contorta* forest; *Koeleria macrantha*, *Elymus elymoides*, *Agrostis scabra*, *Solidago multiradiata*, *Achillea millefolium*

Accession	Genus & Species	Collection Date	Amount (kg)
9075882	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/1/93	.586
9075884	<i>Agrostis scabra</i>	9/1/93	.074
9075932	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	9/1/93	.010
9075969	<i>Solidago</i>	9/1/93	.003

125. VIRGINIA CASCADES DRIVE EAST

One-half mile before end of scenic drive west of picnic area and east of canyon on both sides of road, with forest on north side and meadow on south

Elevation: 7,700 feet

Dominant Vegetation: *Pinus contorta*/grass meadow; *Festuca idahoensis*, *Deschampsia cespitosa*, *Eurybia integrifolia*, *Solidago multiradiata*, *Salix* species

Accession	Genus & Species	Collection Date	Amount (kg)
9075875	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/1 & 9/9/93	.036
9075896	<i>Bromus marginatus</i>	9/1 & 9/9/93	.179
9075898	<i>Carex</i>	9/1 & 9/9/93	.145
9075947	<i>Eriogonum umbellatum</i>	9/1 & 9/9/93	.061
9075968	<i>Potentilla</i>	9/1 & 9/9/93	.014
9075875	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/5/96	.242
9078501	<i>Festuca idahoensis</i>	9/5/96	.085
9078506	<i>Phleum alpinum</i>	9/5/96	.019
9078533	<i>Eurybia integrifolia</i>	9/5/96	.002
9078547	<i>Eriogonum flavum</i>	9/5/96	.019
9075947	<i>Eriogonum umbellatum</i>	9/5/96	.068

126. CYGNET LAKES TRAIL HEAD

Area west of trail head pullout along powerline corridor and south into burned forest

Elevation: 8,100 feet

Dominant Vegetation: Burned and seedling *Pinus contorta* in forest and powerline corridor; *Koeleria macrantha*, *Carex geyeri*, *Agrostis scabra*, *Elymus elymoides*, *Achillea millefolium*, *Vaccinium globulare*

Accession	Genus & Species	Collection Date	Amount (kg)
9075885	<i>Agrostis scabra</i>	9/1/93	.032
9075970	<i>Solidago</i>	9/1/93	.013

127. GREBE LAKE TRAIL HEAD

North of trail head parking lot towards large meadow in partially burned, younger forest and in large meadow adjacent to forest

Elevation: 8,100 feet

Dominant Vegetation: *Pinus contorta*, *Danthonia intermedia*, *Deschampsia caespitosa*, *Koeleria macrantha*
Solidago multiradiata, *Antennaria microphylla*, *Achillea millefolium*

Accession	Genus & Species	Collection Date	Amount (kg)
9075886	<i>Agrostis scabra</i>	9/1 & 9/9/93	.115
9075901	<i>Danthonia intermedia</i>	9/1 & 9/9/93	.121
9075907	<i>Deschampsia caespitosa</i>	9/1 & 9/9/93	.297
9075961	<i>Penstemon</i>	9/1 & 9/9/93	.002

128. ELK PARK AREA

Two miles south of Norris Junction to dirt road that leads to Elk Park pit, and north along main grand loop road towards Norris

Elevation: 7,400 feet

Dominant Vegetation: Open and partially burned *Pinus contorta* forest; *Festuca idahoensis*, *Agrostis scabra*,
Solidago multiradiata, *Anaphalis margaritacea*

Accession	Genus & Species	Collection Date	Amount (kg)
9075887	<i>Agrostis scabra</i>	9/9/93	.197
9075917	<i>Festuca idahoensis</i>	9/9/93	.047
9075933	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	9/9/93	.025
9075941	<i>Anaphalis margaritacea</i>	9/9/93	.005
9076214	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/24/94	.346
9076227	<i>Deschampsia caespitosa</i>	8/24/94	.138
9076301	<i>Danthonia intermedia</i>	8/31/95	.021
9076305	<i>Elymus glaucus</i>	8/31/95	.077
9076214	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/31/95	.371
9076313	<i>Pseudoroegneria spicata</i>	8/31/95	.003
9076325	<i>Achillea millefolium</i>	8/31/95	.005
9076326	<i>Allium cernuum</i>	8/31/95	.013
9075941	<i>Anaphalis margaritacea</i>	8/31/95	.004
9076343	<i>Eriogonum umbellatum</i>	8/31/95	.020
9076214	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/8/97	.292
9076313	<i>Pseudoroegneria spicata</i>	8/27/97	.050
9081392	<i>Campanula rotundifolia</i>	8/27/97	trace
9076343	<i>Eriogonum umbellatum</i>	8/19/97	.030
9076301	<i>Danthonia intermedia</i>	8/9/00	.032
9081871	<i>Elymus caninus</i>	8/15/00	.341
9076313	<i>Pseudoroegneria spicata</i>	8/8 & 8/9/00	.148
9081893	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/9/00	.098
9076343	<i>Eriogonum umbellatum</i>	8/8 & 8/9/00	.215
9076214	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/8 & 8/15/01	1.982
9076301	<i>Danthonia intermedia</i>	8/8/01	.039
9082089	<i>Senecio lugens</i>	8/8/01	.087
9076214	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/18 & 9/9/04	1.049
9076214	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/17 & 8/30/05	1.326
9076325	<i>Achillea millefolium</i>	8/30/05	.008
9087600	<i>Linum lewisii</i>	8/30/05	.029
9087604	<i>Solidago canadensis</i> var. <i>salebrosa</i>	8/17/05	.102

129. WARM CREEK PICNIC AREA

Northeast Entrance Road. Both sides of main road before entering the picnic area at the pullout for Pebble Creek trailhead.

Elevation: 7,250 feet

Dominant Vegetation: Willow community/grassland/islands of *Pinus contorta*, *Salix* species, *Festuca idahoensis*, *Geranium viscosissimum*, *Achnatherum richardsonii*, *Elymus trachycaulus*, *Potentilla gracilis*, and *Eucephalus engelmannii*.

Accession	Genus & Species	Collection Date	Amount (kg)
9076215	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/17/94	.227
9076236	<i>Festuca idahoensis</i>	8/17/94	.050
9076203	<i>Dasiphora floribunda</i>	8/17/94	.010

Accession	Genus & Species	Collection Date	Amount (kg)
9076299	<i>Bromus marginatus</i>	8/22/95	.183
9076215	<i>Elymus trachycaulus</i>	8/22/95	.162
9078217	<i>Penstemon cyaneus</i>	8/22/95	.047
9076203	<i>Dasiphora floribunda</i>	8/22/95	.009
9078491	<i>Elymus glaucus</i>	8/20/96	.601
9078538	<i>Campanula rotundifolia</i>	8/20/96	.002
9078561	<i>Helianthella uniflora</i>	8/20/96	.041
9081343	<i>Bromus anomalus</i>	9/10/97	.310
9076299	<i>Bromus marginatus</i>	9/10/97	.139
9078491	<i>Elymus glaucus</i>	9/10/97	.059
9076215	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/10/97	.495
9081418	<i>Perideridia gairdneri</i>	9/10/97	.073
9076203	<i>Dasiphora floribunda</i>	9/10/97	trace
9081343	<i>Bromus anomalus</i>	8/18/98	.037
9076215	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/18/98	.717
9081589	<i>Geranium richardsonii</i>	8/18/98	.011
9076203	<i>Dasiphora floribunda</i>	8/18/98	.024
9081343	<i>Bromus anomalus</i>	8/29/00	.328
9078491	<i>Elymus glaucus</i>	8/29/00	.512
9076215	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/29/00	.295
9081911	<i>Eriogonum umbellatum</i>	8/29/00	.060
9081914	<i>Geum macrophyllum</i>	8/29/00	.271
9081927	<i>Penstemon procerus</i>	8/29/00	.073
9081936	<i>Potentilla gracilis</i>	8/29/00	.022

130. BARRONETTE PEAK

Northeast Entrance Road. Both sides of road, half-way between the upper and lower Soda Butte bridges. The site is located where the Barronette Peak Sign is located, and there is no pullout around.

Elevation: 7,244 feet

Dominant Vegetation: Grassland dominated by *Bromus marginatus*, *Bromus anomalus*, *Stipa richardsonii*, *Elymus trachycaulus* and *Festuca idahoensis*. Forbs include *Geranium viscosissimum*, *Potentilla gracilis* and *Achillea millefolium*.

Accession	Genus & Species	Collection Date	Amount (kg)
9076216	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/17/94	.151
9076221	<i>Bromus anomalus</i>	8/17/94	.418
9076183	<i>Fraseria speciosa</i>	8/17/94	.284
9076221	<i>Bromus anomalus</i>	8/22 & 8/28/95	.121
9076300	<i>Bromus marginatus</i>	8/22 & 8/28/95	.923
9076216	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/22 & 8/28/95	.040
9076321	<i>Achnatherum occidentale</i> ssp. <i>occidentale</i>	8/22 & 8/28/95	.034
9076334	<i>Eucephalus engelmannii</i>	8/22 & 8/28/95	.001
9076344	<i>Eriogonum umbellatum</i>	8/22 & 8/28/95	.004
9078206	<i>Geranium viscosissimum</i>	8/22 & 8/28/95	.006
9078209	<i>Linum lewisii</i>	8/22 & 8/28/95	.107
9078228	<i>Dasiphora floribunda</i>	8/22 & 8/28/95	.049
9076221	<i>Bromus anomalus</i>	8/20/96	.041
9078474	<i>B. marginatus</i> / <i>B. anomalus</i>	8/20/96	.325
9078519	<i>Achillea millefolium</i>	8/20/96	.024
9078534	<i>Eurybia integrifolia</i>	8/20/96	.007
9078539	<i>Campanula rotundifolia</i>	8/20/96	.004
9078206	<i>Geranium viscosissimum</i>	8/20/96	.058
9078579	<i>Potentilla gracilis</i>	8/20/96	.093
9078584	<i>Potentilla</i>	8/20/96	.006
9076216	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/10/97	.056
9078519	<i>Achillea millefolium</i>	9/10/97	.126
9081381	<i>Anaphalis margaritacea</i>	9/10/97	.035
9078539	<i>Campanula rotundifolia</i>	9/10/97	.003

Accession	Genus & Species	Collection Date	Amount (kg)
9078209	<i>Linum lewisii</i>	9/10/97	.042
9081413	<i>Penstemon cyaneus</i>	9/10/97	.003
9078584	<i>Potentilla gracilis</i>	9/10/97	.002
9076221	<i>Bromus anomalus</i>	8/18/98	.281
9076216	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/18/98	.070
9081540	<i>Festuca idahoensis</i>	8/18/98	.069
9081559	<i>Achnatherum richardsonii</i>	8/18/98	.067
9078209	<i>Linum lewisii</i>	8/18/98	.016

131. TANKER CURVE

Madison to Norris. This area incorporates one mile on either side of Tanker curve and includes both sides of the road. Tanker curve is where the road curves sharply ninety degrees along the river. The road curves, traveling to Madison, from the south to west and vice-versa when traveling to Norris.

Elevation: 7,212 feet

Dominant Vegetation: The site is in a burned lodgepole pine forest along the road edge in a steep canyon. The vegetation consists of grasses including *Agrostis* species, *Elymus trachycaulus*, *Carex geyerii*, *Bromus marginatus* and *Bromus anomalus*. The forbs are dominated by *Achillea millefolium*, *Arnica cordifolia*, *Thalictrum occidentale*, *Lupinus* species, and *Solidago multiradiata*.

Accession	Genus & Species	Collection Date	Amount (kg)
9076218	<i>Agrostis scabra</i>	8/25/94	.143
9076310	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/31/95	.015
9076327	<i>Allium cernuum</i>	8/31/95	.014
9076329	<i>Anaphalis margaritacea</i>	8/31/95	.003
9076337	<i>Castilleja linariifolia</i>	8/31/95	.010
9078234	<i>Solidago canadensis</i> var. <i>salebrosa</i>	8/31/95	.003
9078473	<i>Bromus anomalus</i>	8/27/96	.051
9076310	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/27/96	.034
9076337	<i>Castilleja linariifolia</i>	8/27/96	trace
9078234	<i>Solidago canadensis</i> var. <i>salebrosa</i>	8/27/96	.006
9076218	<i>Agrostis scabra</i>	8/27/97	.094
9081356	<i>Deschampsia caespitosa</i>	8/27/97	.017
9076310	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/27/97	.144
9081384	<i>Arenaria congesta</i>	8/27/97	.004
9081598	<i>Mimulus guttatus</i>	7/23/98	.032
9081872	<i>Elymus elymoides</i>	8/10/00	.027
9087454	<i>Carex</i>	8/26/04	.220

132. Carrington-West side of road

Two miles south of Arnica Creek across from Carrington Island

Elevation: 8,000 ft.

Dominant Vegetation: *Festuca idahoensis*, *Achnatherum occidentale* ssp. *occidentalis*, *Eriogonum umbellatum*

Accession	Genus & Species	Collection Date	Amount (kg)
9078486	<i>Elymus elymoides</i>	8/26/96	.070
9078502	<i>Festuca idahoensis</i>	8/26/96	.376
9078514	<i>Achnatherum occidentale</i> ssp. <i>occidentalis</i>	8/26/96	.002
9078548	<i>Eriogonum flavum</i>	8/26/96	.026
9078552	<i>Eriogonum umbellatum</i>	8/26/96	.045
9081396	<i>Eriogonum flavum</i>	9/3/97	trace
9081529	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/31/98	.356
9081396	<i>Eriogonum flavum</i>	8/31/98	.027
9078552	<i>Eriogonum umbellatum</i>	8/31/98	.207
9081646	<i>Penstemon fruticosus</i> /P. <i>procerus</i>	8/31/98	.063

133. Lamar River Bridge Area

Northeast Entrance Road; Meadows on both sides of the road on the southwest side of the Lamar River.

Elevation: 6,400 ft.

Dominant Vegetation: *Artemisia tridentata*, *Leymus cinereus*, *Sedum lanceolatum*, *Festuca idahoensis*,
Eriogonum umbellatum.

Accession	Genus & Species	Collection Date	Amount (kg)
9081371	<i>Leymus cinereus</i>	9/10/97	.310
9081393	<i>Castilleja</i>	8/11/97	.005
9081397	<i>Eriogonum umbellatum</i>	8/11/97	.091
9081421	<i>Dasiphora floribunda</i>	8/11/97	.185
9081429	<i>Sedum</i>	8/11/97	.006
9081541	<i>Festuca idahoensis</i>	7/28/98	1.012
9081594	<i>Linum lewisii</i>	7/29/98	.057
9081371	<i>Leymus cinereus</i>	9/14/99	.629
9081541	<i>Festuca idahoensis</i>	no date	.015
9081397	<i>Eriogonum umbellatum</i>	7/29/99	.011
9081743	<i>Koeleria macrantha</i>	7/29/99	.009
9081763	<i>Hesperostipa comata</i> ssp <i>comata</i>	7/29/99	.049
9081783	<i>Castilleja sulphurea</i>	7/29/99	.058
9081803	<i>Lupinus argenteus</i>	7/29/99	.033

134. Junction Butte/Specimen Trailhead

Northeast Entrance Road; Area around Specimen Ridge trailhead. Area includes meadows on both sides of the road, near pond on north side.

Elevation: 6,350 ft.

Dominant Vegetation: *Artemisia tridentata*, *Geranium viscosissimum*, *Elymus trachycaulus*, *Leymus cinereus*,
Linum lewisii, *Lupinus argenteus*, *Penstemon cyaneus*, *Potentilla gracilis*.

Accession	Genus & Species	Collection Date	Amount (kg)
9081344	<i>Bromus anomalus</i>	8/20/97	.301
9081359	<i>Elymus glaucus</i>	8/20/97	.106
9081362	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/6 & 8/20/97	.207
9081402	<i>Geranium viscosissimum</i>	8/20/97	.005
9081406	<i>Linum lewisii</i>	8/20/97	.066
9081409	<i>Lupinus argenteus</i>	8/12/97	.085
9081422	<i>Dasiphora floribunda</i>	8/20/97	.005
9081542	<i>Festuca idahoensis</i>	7/27/98	.280
9081550	<i>Koeleria macrantha</i>	8/10/98	.021
9081558	<i>Achnatherum occidentale</i> ssp <i>occidentalis</i>	8/10/98	.001

135. Divide Lake Area

Highway 191; This area includes meadows on both sides of the highway. The lake is on the east side and seed was collected on the north end of the lake.

Elevation: 7,200 ft.

Dominant Vegetation: *Artemisia tridentata*, *Penstemon cyaneus*, *Perideridia gairdneri*, *Potentilla gracilis*,
Bromus marginatus, *Elymus trachycaulus*.

Accession	Genus & Species	Collection Date	Amount (kg)
9081349	<i>Bromus marginatus</i>	8/28 & 9/9/97	2.211
9081363	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/28 & 9/9/97	1.356
9081365	<i>Festuca idahoensis</i>	8/28/97	.060
9081387	<i>Eurybia integrifolia</i>	8/28/97	.055
9081407	<i>Linum lewisii</i>	9/9/97	.006
9081414	<i>Penstemon cyaneus</i>	8/28/97	.010
9081419	<i>Perideridia gairdneri</i>	9/9/97	.116
9081426	<i>Potentilla gracilis</i>	8/18 & 9/9/97	.361

136. Fawn Pass/Bacon Rind Area

Highway 191; The area includes meadows on both sides of the highway around the Fawn Pass trailhead and Gallatin River on the east side of the road, and the BaconRind trailhead on east side.

Elevation: 7,300 ft.

Dominant Vegetation: *Artemisia tridentata*, *Penstemon cyaneus*, *Potentilla gracilis*, *Eriogonum umbellatum*,
Bromus marginatus, *Elymus trachycaulus*, *Festuca idahoensis*.

Accession	Genus & Species	Collection Date	Amount (kg)
9081345	<i>Bromus anomalus</i>	8/9/97	.034
9081352	<i>Bromus marginatus</i>	8/28 & 9/9/97	.733
9081364	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/9/97	.116
9081408	<i>Linum lewisii</i>	8/28/97	.046
9081415	<i>Penstemon cyaneus</i>	8/28 & 9/9/97	.187
9081420	<i>Perideridia gairdneri</i>	9/9/97	.183
9081427	<i>Potentilla gracilis</i>	9/10/97	.592

137. Grayling Creek Area

Highway 191: Two miles north of park boundary on east side of road along Grayling Cr.

Elevation: 6,900 ft.

Dominant Vegetation: *Pinus contorta*, *Picea engelmanni*, *Salix* sp., *Purshia tridentata*, *Arenaria congesta*, *Eriogonum umbellatum*, *Penstemon cyaneus*, *Bromus marginatus*, *Elymus trachycaulus*, *Pseudoroegneria spicata*.

Accession	Genus & Species	Collection Date	Amount (kg)
9081353	<i>Bromus marginatus</i>	8/28/97	.131
9081378	<i>Achillea millefolium</i>	9/9/97	.024
9081388	<i>Eurybia integrifolia</i>	8/28 & 9/9/97	.221
9081393	<i>Campanula rotundifolia</i>	8/28 & 9/9/97	.018
9081398	<i>Eriogonum umbellatum</i>	8/28/97	.112

138. Slough Creek Campground

Northeast Entrance Road. Collection site is located around the Slough Creek trailhead on the west side of the road, approx. 1/4 mile back to main road.

Elevation: 6,200 ft.

Slope: 0-10%

Aspect: West

Dominant Vegetation: *Artemisia tridentata*, *Elymus trachycaulus*, *Eriogonum umbellatum*, *Festuca idahoensis*, *Leymus cinereus*, *Lupinus* species, *Pseudoroegneria spicata*, *Sedum lanceolatum*, *Achnatherum richardsonii*.

Accession	Genus & Species	Collection Date	Amount (kg)
9081543	<i>Festuca idahoensis</i>	7/22 & 7/30/98	.174
9081560	<i>Achnatherum richardsonii</i>	7/30/98	.358

139. 2nd Gibbon River Bridge from north

Norris to Madison in Gibbon Canyon. Collection site is located on the east side of the road on the west side of the river. The MIGU can be collected up the river about 400 yards in a wetland along the river

Elevation: 7,212 ft

Slope: 0-5%

Aspect: West

Dominant Vegetation: *Carex* ssp., *Castilleja linariifolia*, *Mimulus guttatus*, *Ledum glandulosum*, and *Picea engelmanni*.

Accession	Genus & Species	Collection Date	Amount (kg)
9081599	<i>Mimulus guttatus</i>	7/23/98	.023
9082041	<i>Pseudoroegneria spicata</i>	8/8/01	.056
9082067	<i>Eriogonum umbellatum</i>	8/8/01	.034

140. Antelope Creek

Tower to Canyon Road, North side of Dunraven Pass; Meadows on West side of the road across from the Antelope Creek sign.

Elevation: 7,000 ft

Slope: 10%

Aspect: NE

Habitat Type: *Artemisia tridentata*/*Festuca idahoensis* in a *Geranium viscosissimum* phase.

Dominant Vegetation: *Bromus anomalus*, *Elymus trachycaulus*, *Pseudoroegneria spicata*, *Achnatherum occidentale* ssp. *occidentale*, *Achnatherum richardsonii*, *Artemisia tridentata*, *Eriogonum umbellatum*, *Geranium viscosissimum*, and *Lupinus argenteus*.

Accession	Genus & Species	Collection Date	Amount (kg)
9081696	<i>Bromus anomalus</i>	8/18 & 8/25/99	1.061
9081733	<i>Elymus trachycaulus</i>	8/18 & 8/25 & 8/30/99	.597
9081746	<i>Leymus cinereus</i>	8/31/99	.794
9081759	<i>Pseudoroegneria spicata</i>	8/18/99	.070
9081775	<i>Achillea millefolium</i>	8/18 & 8/30/99	.017
9081782	<i>Campanula rotundifolia</i>	8/18 & 8/25/99	.007
9081788	<i>Eriogonum umbellatum</i>	8/18 & 8/25/99	.293
9081800	<i>Linum lewisii</i>	8/18 & 8/25/99	.095
9081805	<i>Lupinus</i>	8/18/99	.068
9081812	<i>Penstemon procerus</i>	9/9/99	.070
9081822	<i>Potentilla</i>	8/18/99	.025
9081823	<i>Senecio serra</i>	8/31/99	.001
9081696	<i>Bromus anomalus</i>	8/16/99	.773
9081984	<i>Achnatherum richardsonii</i>	8/16/00	.270
9081812	<i>Penstemon procerus</i>	8/22/01	.066
9082086	<i>Potentilla glandulosa</i>	8/22/01	.151
9081896	<i>Bromus anomalus</i>	8/22/01	.810
9081733	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/22/01	.311
9081775	<i>Achillea millefolium</i>	8/22/01	.003
9081788	<i>Eriogonum umbellatum</i>	8/22/01	.163
9082033	<i>Elymus glaucus</i>	8/22/01	.056
9082069	<i>Geranium viscosissimum</i>	8/22/01	.015
9082091	<i>Senecio triangularis</i>	8/22/01	.142
9081894	<i>Achnatherum richardsonii</i>	8/15/02	.065
9081696	<i>Bromus anomalus</i>	8/15 & 8/20/02	1.168
9081733	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/15 & 8/20/02	.274
9081746	<i>Leymus cinereus</i>	9/4/02	.336
9081759	<i>Pseudoroegneria spicata</i>	8/20/02	.011
9081775	<i>Achillea millefolium</i>	8/15 & 8/20/02	.041
9082189	<i>Agoseris glauca</i>	8/15/02	.018
9082206	<i>Erigeron speciosus</i>	8/20/02	.011
9081788	<i>Eriogonum umbellatum</i>	8/15 & 8/20/02	.924
9082069	<i>Geranium viscosissimum</i>	8/20/02	.027
9081800	<i>Linum lewisii</i>	8/20/02	.017
9082218	<i>Lupinus argenteus</i>	8/15/02	.163
9081812	<i>Penstemon procerus</i>	8/20/02	.031
9082230	<i>Potentilla arguta</i>	8/20/02	.011
9082234	<i>Potentilla gracilis</i>	no record	.128
9081696	<i>Bromus anomalus</i>	8/14/03	.110
9081775	<i>Achillea millefolium</i>	8/14/03	.025
9081733	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/14/03	.128
9087326	<i>Festuca idahoensis</i>	8/14/03	.106
9081759	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/14/03	.044
9081788	<i>Eriogonum umbellatum</i>	8/14/03	.493
9081800	<i>Linum lewisii</i>	8/14/03	.010
9081812	<i>Penstemon procerus</i>	8/14/03	.014
9082234	<i>Potentilla gracilis</i>	8/14/03	.181
9081746	<i>Leymus cinereus</i>	9/8/04	.160
9081775	<i>Achillea millefolium</i>	8/23/04	.058
9082069	<i>Geranium viscosissimum</i>	8/23/04	.046
9081812	<i>Penstemon procerus</i>	8/23/04	.082
9082234	<i>Potentilla gracilis</i>	8/23/04	.279
9081696	<i>Bromus anomalus</i>	8/18/05	.906
9081733	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/18/05	1.076
9087326	<i>Festuca idahoensis</i>	8/2 & 8/18/05	1.043
9087589	<i>Koeleria macrantha</i>	8/6/05	.017
9087590	<i>Poa</i>	8/18/05	.078

Accession	Genus & Species	Collection Date	Amount (kg)
9081759	<i>Poa spicata</i> ssp. <i>spicata</i>	8/9 & 8/18/05	.565
9081775	<i>Achillea millefolium</i>	8/9/05	.020
9081788	<i>Eriogonum umbellatum</i>	8/9/05	.117
9081800	<i>Linum lewisii</i>	8/9/05	.028
9082218	<i>Lupinus argenteus</i>	8/9/05	.126
9081812	<i>Penstemon procerus</i>	8/18/05	.026
9082086	<i>Potentilla glandulosa</i>	8/18/05	.078
9087707	<i>Eriophyllum lanatum</i>	August	.007
9081788	<i>Eriogonum umbellatum</i>	8/10/06	.397
9082069	<i>Geranium viscosissimum</i>	8/18/06	.030
9081800	<i>Linum lewisii</i>	8/10/06	.152
9082218	<i>Lupinus argenteus</i>	8/09/06	.126

141. LeHardy Rapids

Lake to Canyon, 2 miles north of Fishing Bridge Junction, meadows on both sides of the road south of LeHardy Rapids.

Elevation: 7,700 ft

Slope: 0-10%

Aspect: Flat-E

Habitat Type: *Deschampsia caespitosa*/*Carex*

Dominant Vegetation: *Carex*, *Elymus trachycaulus*. Forbs: *Geranium viscosissimum*, *Linum lewisii*, *Lupinus argenteus*, *Penstemon procerus*, and *Potentilla gracilis*.

Accession	Genus & Species	Collection Date	Amount (kg)
9081704	<i>Bromus marginatus</i>	8/26/99	.195
9081734	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/26/99	.011
9081770	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/26/99	.015
9081873	<i>Elymus glaucus</i>	8/21/00	.256
9081770	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/21/00	.410
9081881	<i>Festuca idahoensis</i>	8/21/00	.046
9081898	<i>Eurybia integrifolia</i>	8/21/00	.010
9081912	<i>Eriogonum umbellatum</i>	8/16/00	.024
9081770	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/22/02	.063
9082180	<i>Bromus anomalus</i>	8/22/02	.124
9081704	<i>Bromus marginatus</i>	8/22/02	.522
9081734	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/22 & 8/28/02	.187
9082187	<i>Achillea millefolium</i>	8/28/02	.005
9081898	<i>Eurybia integrifolia</i>	8/22 & 8/28/02	.049
9082219	<i>Lupinus argenteus</i>	8/22/02	.026
9081734	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	9/9/03	.025
9081881	<i>Festuca idahoensis</i>	9/9/03	.058
9087348	<i>Eurybia integrifolia</i>	9/9/03	.009

142. Mud Volcano/Buffalo Ford Picnic Area

Lake to Canyon section of Grand Loop road. South of Mud Volcano area and along road out to Buffalo Ford Picnic area. Good *Elymus glaucus* along west side of main road south of Mud Volcano.

Elevation: 7,700 ft

Slope: 0%

Aspect: Flat

Habitat Type: *Artemisia cana*/*Festuca idahoensis*

Dominant Vegetation: *Bromus marginatus*, *Carex*, *Deschampsia caespitosa*, *Elymus trachycaulus*, *Artemisia cana*, *Penstemon cyaneus*, *Perideridia gairdneri*, and *Pentaphragma grandiflora*.

Accession	Genus & Species	Collection Date	Amount (kg)
9081705	<i>Bromus marginatus</i>	9/8/99	.506
9081725	<i>Elymus glaucus</i>	9/8/99	.702
9081735	<i>Elymus trachycaulus</i>	9/8/99	.376
9081771	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	9/8/99	.024
9081781	<i>Eurybia integrifolia</i>	9/8/99	.052
9081705	<i>Bromus marginatus</i>	8/17/00	.205

Accession	Genus & Species	Collection Date	Amount (kg)
9081725	<i>Elymus glaucus</i>	8/17 & 8/21/00	1.683
9081735	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/18/00	.259
9081781	<i>Eurybia integrifolia</i>	8/17/00	.001
9081917	<i>Heracleum maximum</i>	8/21/00	.833
9081725	<i>Elymus glaucus</i>	8/23/01	.306
9082092	<i>Senecio triangularis</i>	8/23/01	.052
9081725	<i>Elymus glaucus</i>	8/21/02	.346
9082239	<i>Senecio integerrimus</i>	8/21/02	.104
9081725	<i>Elymus glaucus</i>	9/9/03	.271

143. Bunsen Peak Road

Bunsen Peak Trailhead at the south end of the Bunsen Peak Road. Collecting was made along the dirt road on both sides, up on hillsides to north and flats to the south.

Elevation: 7,100 ft

Slope: 0-10%

Aspect: South and East

Dominant Vegetation: *Artemisia tridentata*, *Pentaphylloides floribunda*, *Bromus marginatus*, *Festuca idahoensis*, *Elymus trachycaulus*, *Achnatherum richardsonii*, *Lupinus argenteus*.

Accession	Genus & Species	Collection Date	Amount (kg)
9081867	<i>Bromus marginatus</i>	8/7/00	.664
9081878	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/7/00	.829
9081882	<i>Festuca idahoensis</i>	8/7/00	.031
9081867	<i>Bromus marginatus</i>	8/7/01	.946
9081878	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/7/01	.080
9082050	<i>Argentina anserina</i>	8/7/01	.062
9082068	<i>Eriogonum umbellatum</i>	8/7/01	.135
9081867	<i>Bromus marginatus</i>	8/16/02	.955
9081878	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/16/02	.151
9087333	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/15/03	.057
9082068	<i>Eriogonum umbellatum</i>	8/15/03	.180
9082068	<i>Eriogonum umbellatum</i>	8/10/04	.044
9081867	<i>Bromus marginatus</i>	8/10/04	1.428
9081878	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/10/04	.251
9087468	<i>Agoseris glauca</i>	8/10/04	.012
9082068	<i>Eriogonum umbellatum</i>	8/10/04	.044
9087478	<i>Geum triflorum</i>	8/10/04	.006
9087487	<i>Potentilla gracilis</i>	8/10/04	.307
9081878	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/8/05	.185
9081882	<i>Festuca idahoensis</i>	8/8/05	.191
9087478	<i>Geum triflorum</i>	8/8/05	.020
9087487	<i>Potentilla gracilis</i>	8/8/05	.155

144. Trout Creek

The middle of Hayden Valley north of the bridge over Trout creek. Collection is along both sides of the road for the formerly *Haplopapus macronema*, now *Ericameria discoidea* var. *linearis* (indigenous to Yellowstone), and on the flats by the river on the east side of the road for other species.

Elevation: 7,700 ft

Slope: level

Aspect: flat

Dominant Vegetation: *Ericameria discoidea* var. *linearis* (formerly *Haplopapus macronema* var. *linearis*) on road edges, *Pentaphylloides floribunda*, *Artemisia tridentata*, *Achnatherum nelsonii* ssp. *nelsonii*, *Festuca idahoensis*, *Lupinus argenteus*.

Accession	Genus & Species	Collection Date	Amount (kg)
9081879	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/21/00	.045
9081883	<i>Festuca idahoensis</i>	8/21/00	.007
9081899	<i>Eurybia integrifolia</i>	8/21/00	.021
9081915	<i>Ericameria discoidea</i> var. <i>linearis</i>	-	.334
9081921	<i>Linum lewisii</i>	8/21/00	.023

Accession	Genus & Species	Collection Date	Amount (kg)
9081879	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/12/02	.026
9082185	<i>Pseudoroegneria spicata</i>	8/12 & 8/15/02	.015
9082202	<i>Castilleja sulphurea</i>	8/12/02	.001
9082204	<i>Ericameria</i>	8/21/02	.039
9087352	<i>Penstemon procerus</i>	8/15/03	.038
9087353	<i>Potentilla</i>	8/15/03	.004

145. Solfatar Creek Trailhead

Trailhead on east side of road. The collection site extends to the Grizzly Lake Trailhead on the west side of the road. One good collection site is on the west side of road in small meadow by edge of road. Other collection areas are to be found further to the west of road and west of Obsidian Creek.

Elevation: 7,400 ft

Slope: level

Aspect: flat

Dominant Vegetation: *Bromus marginatus*, *Deschampsia caespitosa*, *Elymus trachycaulus*, *Festuca idahoensis*, *Pseudoroegneria spicata*, *Achillea millefolium*, *Rudbeckia occidentalis*, *Senecio*

Accession	Genus & Species	Collection Date	Amount (kg)
9082028	<i>Calamagrostis rubescens</i>	8/16/01	.005
9082035	<i>Elymus glaucus</i>	8/20/01	.081
9082038	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/15/01	.459
9081878	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/10/04	.251

146. Swan Lake Pit

South end of Swan Lake Flats. Access road to the pit off the main Grand Loop road is one mile north of Indian Creek Campground on the west side of the road. Collection area is to the north and south of the access road on the west side of the Grand Loop road.

Elevation: 7,328

Slope: 0%

Aspect: Flat

Dominant Vegetation: Moist to dry sagebrush/cinquefoil shrub meadow. Species present include: *Artemisia tridentata*, *Dasiphora floribunda*, *Eriogonum umbellatum*, *Potentilla gracilis*, *Achillea millefolium*, *Bromus marginatus*, *Bromus anomalus*, *Elymus trachycaulus*, *Danthonia intermedia*.

Accession	Genus & Species	Collection Date	Amount (kg)
9082193	<i>Arenaria congesta</i>	8/14/02	.032
9082209	<i>Eriogonum umbellatum</i>	8/12 & 8/16/02	.928
9082220	<i>Lupinus argenteus</i>	8/12/02	.065
9082225	<i>Penstemon cyaneus</i>	8/16/02	.064
9087334	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/12/03	.016
9082209	<i>Eriogonum umbellatum</i>	8/12/03	.515
9087461	<i>Festuca idahoensis</i>	8/12/03	.010
9087474	<i>Elymus trachycaulus</i> ssp. <i>trachycaulus</i>	8/12 & 8/26/04	.947
9087334	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/10/04	.007
9087447	<i>Achnatherum nelsonii</i> ssp. <i>nelsonii</i>	8/4/04	.557
9087449	<i>Bromus marginatus</i>	8/12 & 8/26/04	1.793
9087457	<i>Elymus elymoides</i>	8/12/04	.139
9087469	<i>Agoseris glauca</i>	8/12/04	.205
9087495	<i>Castilleja sulphurea</i>	8/10/04	.011
9082209	<i>Eriogonum umbellatum</i>	8/10 & 8/12/04	.153
9087476	<i>Eriophyllum lanatum</i>	8/10/04	.035
9082220	<i>Lupinus argenteus</i>	8/10 & 8/12/04	.481
9087483	<i>Penstemon procerus</i>	8/26/04	.026
9087484	<i>Phacelia hastata</i>	8/10/04	.018
9087334	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i>	8/8 & 8/22/05	.084
9082209	<i>Eriogonum umbellatum</i>	8/8 & 8/23/05	.125
9087605	<i>Dasiphora floribunda</i>	8/31/05	.002
9082209	<i>Eriogonum umbellatum</i>	7/25/06	.066

147. Frying Pan Springs Area

2 Miles north of Norris.

Elevation: 7,600

Slope: 10%

Aspect: South

Dominant Vegetation: *Pinus contorta*, *Danthonia intermedia*, *Eriophyllum lanata*

Accession	Genus & Species	Collection Date	Amount (kg)
9087318	<i>Danthonia</i>	7/29/03	.003
9087319	<i>Elymus elymoides</i>	7/29/03	.039
-	<i>Eriophyllum lanata</i>	7/29/03	No fill

VI. SEED PRODUCTION

YELLOWSTONE NATIONAL PARK 2006
SEED PRODUCTION FIELDS AT BRIDGER PMC

Genus & Species	Accession	Collection Site	Field	Seed Planted kg	Date Planted	Field Size acre	Harvest Date	Clean Seed kg	Comments
<u>Grass</u>									
<i>A. hymenoides</i>	9081862	64 Gardiner Entrance	11W	.419	11/14/03	.19	6/29	0.079	removed-poor establishment
<i>A. occidentalis</i>	9087579	85 Canyon Meadow	1	.455	11/7/06	.25	-	new	
<i>Bromus anomalus</i>	9076219	80 East Entrance Gate	2	.625	4/08/05	.20	7/13	11.992	
<i>Bromus marginatus</i>	9054376	31 Fishing Bridge	21	.337	4/04/06	.39	-	new	
<i>B. marginatus</i>	9081703	98 Canyon Corrals	11E	.428	4/16/04	.11	6/24	5.152	removed-normal decline
<i>B. marginatus</i>	9081699	13 MtWash Lkot Lwr	2	.545	4/08/05	.16	6/24	27.216	
<i>B. marginatus</i>	9081866	40 Sylvan Pass	5W	.522	4/08/05	.19	6/24	26.947	
<i>B. marginatus</i>	9082025	75 Sylvan Pass	11W	.616	4/14/02	.13	6/24	4.909	removed-normal decline
<i>Elymus glaucus</i>	9076232	80 East Entrance Gate	2	.296	4/08/05	.12	6/30 & 7/7	9.680	
<i>E. glaucus</i>	9082032	85 Canyon Meadow	21	.211	4/04/06	.15	-	new	
<i>Elymus trachycaulus</i>	9063200	75 Sylvan Pass	11W	.627	4/14/02	.19	7/19	10.515	removed-normal decline
<i>E. trachycaulus</i>	9076211	95 Madison Maint.	24	.852	4/16/04	.25	-	-	removed-poor establishment
<i>E. trachycaulus</i>	9076214	128 Elk Park	20S	.589	4/7/05	.24	7/10	11.530	
<i>E. trachycaulus</i>	9081733	140 Antelope Creek	10W	.361	4/23/02	.19	7/10	10.048	removed-normal decline
<i>E. trachycaulus</i>	9081874	19 Artist Point	10W	.453	4/07/04	.19	7/5	1.830	removed-normal decline
<i>E. trachycaulus</i>	9082038	145 Solfatara Crk Trlhd	2	.242	4/08/05	.12	7/5	24.494	
<i>Festuca idahoensis</i>	9075918	85 Canyon Meadow	4	.115	4/27/04	.09	6/19	0.379	
<i>F. idahoensis</i>	9087587	68 MammothCmpgrd	21	.198	4/04/06	.39	-	new	
<i>Hesperostipa comata</i>	9081502	57 Rifle Range	5W	.457	4/14/03	.22	6/23-24-26	2.722	
<i>H. comata</i>	9081502	57 Rifle Range	5W	.457	4/14/03	.22	6/26	2.268	estim. in 3 bales

YELLOWSTONE NATIONAL PARK 2006
SEED PRODUCTION FIELDS AT BRIDGER PMC

Genus & Species	Accession	Collection Site	Field	Seed Planted kg	Date Planted	Field Size acre	Harvest Date	Clean Seed kg	Comments
<u>Grass-Continued</u>									
<i>Leymus cinereus</i>	9081887	45 Tower Falls	11W	.382	4/14/02	.19	7/21	7.656	removed-normal decline
<i>L. cinereus</i>	9081887	45 Tower Falls	5W	1.193	5/07/03	.45	7/27	41.731	
<i>Nassella viridula</i>	9081773	43 Stephens Creek	5W	.604	5/15/03	.30	6/24 & 6/27	28.123	removed-normal decline
<i>Pseudoroegneria spicata</i>	9081757	57 Rifle Range	10W	.091	4/12/02	.10	7/7	0.542	
<i>P. spicata</i>	9081759	140 Antelope Creek	2	.120	4/08/05	.08	7/7	1.242	
<i>P. spicata</i>	9087465	68 Mammoth Cmpgr	5W	.667	4/04/06	.41	-	new	

Grass Subtotal:									
11 species	24 acc.	17 sites	11 Fields	-	-	5.30 ac	14 days	229.06 kg 504.97 lb	5 new fields 9 removed fields 12 continued fields
<u>Forbs</u>									
<i>Eriogonum umbellatum</i>	9058245	88 Tuff Cliffs	4	231 ea.	7/19/01	.03	July	0.475	multiple hand-harvest
<i>Potentilla gracilis</i>	9081654	30 Dunraven Pass	10E	.164	11/14/03	.18	7/17	0.009	removed-poor establishment

Forb Subtotal:									
2 species	2 acc.	2 sites	2 Fields	-	-	.21	-	0.484 kg (1.07 lb)	

Total:									
13 species	26 acc.	19 sites	11 Fields			5.51 ac	15 days	229.544 kg (506.05 lb)	

VII. SEED DISTRIBUTION

DISTRIBUTION AND DELIVERY RECORD

Bridger Plant Materials Center, Bridger, MT

D&D Sam Reid
USDI National Park Service
Yellowstone National Park
Division of PCLA
P.O. Box 168, House 4B
Mammoth, WY 82190

Ship To: Sam Reid
USDI National Park Service
Yellowstone National Park
Division of PCLA
P.O. Box 168, House 4B
Mammoth, WY 82190

Order Date: 3/21/2006

Ship Date: 3/21/2006

Number of Packages: 1

ECS-1 Number:

Ship via: Mail

D&D MTPMC-06-025

Accession	Scientific Name (Symbol) /	Lot Number	Cert Class	Age	Test Date	Purity	Total Viab	Bulk Shipped	PLS Shipped	U/M
9063480	Geranium viscosissimum (GEVI2) / sticky purple geranium	SWC-05-YNP-80	WC			0		19.9999	0	g
9082076	Penstemon procerus (PEPR2) / littleflower penstemon	SWC-05-YNP-85	WC			0		14.9999	0	g
9082217	Lupinus argenteus (LUAR3) / silvery lupine	SWC-02-YNP-68	WC					496	0	g
9087349	Machaeranthera canescens ssp. canescens var. canescens (MACAC3) / hoary tansyaster	SWC-03-YNP-64	WC					1.9999	0	g
9087480	Linum lewisii (LILE3) / prairie flax	SWC-04-YNP-68	WC					36	0	g
9087592	Argentina anserina (ARAN7) / silverweed cinquefoil	SWC-05-YNP-80	WC			0		9.99999	0	g
9087595	Eriogonum umbellatum (ERUM) / sulphur-flower buckwheat	SWC-05-YNP-85	WC			0		208.9999	0	g
9087597	Eriophyllum lanatum (ERLA6) / common woolly sunflower	SWC-05-YNP-85	WC			0		7.9999	0	g
9087605	Dasiphora floribunda (DAFL3) / shrubby cinquefoil	SWC-05-YNP-146	WC			0		1.9999	0	g

D&&D MTPMC-06-025

Accession	Scientific Name (Symbol) /	Lot Number	Cert	Age	Test	Purity	Total	Bulk	PLS	U/M
			Class		Date		Viab	Shipped	Shipped	

Remarks: for propagation at YNP nursery

PLEASE SIGN AND RETURN ONE COPY TO:

Bridger Plant Materials Center
98 South River Rd.
Bridger, MT 59014-9718
Phone: **(406) 662-3579**
Fax: **(406) 662-3428**

For PMC Use

D &&D Susan Winslow
Purpose: Other
Field Planting #:
Study #:
Ordered By: MTPMC
Ordered Filled By: Susan Winslow

Received By:

Approved By:

Name/Title:

Name/Title:

Date:

Date:

DISTRIBUTION AND DELIVERY RECORD

Bridger Plant Materials Center, Bridger, MT

D&D

USDA-NRCS
Bridger Plant Materials Center
98 South River Rd.
Bridger, MT 59014-9718
Phone: (406) 662-3579; Fax: (406) 662-3428

Ship To:

USDA-NRCS
Bridger Plant Materials Center
98 South River Rd.
Bridger, MT 59014-9718
Phone: (406) 662-3579; Fax: (406) 662-3428

Order Date: 4/4/2006

Ship Date: 4/4/2006

Number of Packages: 1

ECS-1 Number:

Ship via: Delivered

D&D MTPMC-06-033

Accession	Scientific Name (Symbol) /	Lot Number	Cert Class	Age	Test Date	Purity	Total Viab	Bulk Shipped	PLS Shipped	U/M
9054376	Bromus marginatus (BRMA4) / mountain brome	SWC-04-YNP-31	WC					1410	0	g
9082032	Elymus glaucus (ELGL) / blue	SWC-05-YNP-85	WC			0		210.9999	0	g
9087465	Pseudoroegneria spicata ssp. spicata (PSSPS) / bluebunch wheatgrass	SWC-05-YNP-68	WC			0		0.667	0	g
9087587	Festuca idahoensis (FEID) / Idaho fescue	SWC-05-YNP-68	WC			0		198	0	g

Remarks: YNP Seed increase

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For PMC Use

D &D Susan Winslow
Purpose: Grower Increase
Field Planting #:
Study #:
Ordered By: MTPMC
Ordered Filled By: Susan Winslow

Received By:

Approved By:

Name/Title:

Name/Title:

Date:

Date:

DISTRIBUTION AND DELIVERY RECORD

Bridger Plant Materials Center, Bridger, MT

D&&D Sam Reid
USDI National Park Service
Yellowstone National Park
Division of PCLA
P.O. Box 168, House 4B
Mammoth, WY 82190

Ship To: Sam Reid
USDI National Park Service
Yellowstone National Park
Division of PCLA
P.O. Box 168, House 4B
Mammoth, WY 82190

Order Date: 4/18/2006
 ECS-1 Number:

Ship Date: 4/19/2006
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Number of Packages: 1

D&&D MTPMC-06-042

Accession	Scientific Name (Symbol) /	Lot Number	Cert Class	Age	Test Date	Purity	Total Viab	Bulk Shipped	PLS Shipped	U/M
9075872	<i>Pseudoroegneria spicata</i> ssp. <i>spicata</i> (PSSPS) / bluebunch wheatgrass	SCO-96-YNP-67	CO		8/13/2004		87	68	0	g
9075947	<i>Eriogonum umbellatum</i> (ERUM) / sulphur-flower buckwheat	SWC-96-YNP-125	WC					68	0	g
9078501	<i>Festuca idahoensis</i> (FEID) / Idaho fescue	SWC-96-YNP-125	WC					85	0	g
9078506	<i>Phleum alpinum</i> (PHAL2) / alpine timothy	SWC-96-YNP-125	WC					19	0	g
9078512	<i>Hesperostipa comata</i> ssp. <i>comata</i> (HECOC8) / needle and thread	SWC-96-YNP-84	WC					6	0	g
9078533	<i>Eurybia integrifolia</i> (EUI9) / thickstem aster	SWC-96-YNP-125	WC					2	0	g
9078547	<i>Eriogonum flavum</i> (ERFL4) / alpine golden buckwheat	SWC-96-YNP-125	WC					19	0	g
9078549	<i>Eriogonum umbellatum</i> (ERUM) / sulphur-flower buckwheat	SWC-96-YNP-34	WC					224	0	g
9078559	<i>Helianthella uniflora</i> (HEUN) / oneflower helianthella	SWC-96-YNP-34	WC					69	0	g
9078562	<i>Linum lewisii</i> (LILE3) / prairie flax	SWC-96-YNP-34	WC					21	0	g
9078565	<i>Lupinus</i> (LUPIN) / lupine	SWC-96-YNP-34	WC					31	0	g
9078632	<i>Arctostaphylos uva-ursi</i> (ARUV) / kinnikinnick	SWC-96-YNP-87	WC					14	0	g

D&&D MTPMC-06-042

Accession	Scientific Name (Symbol) /	Lot Number	Cert	Age	Test	Purity	Total	Bulk	PLS	U/M
			Class		Date		Viab	Shipped	Shipped	

Remarks: Disbursement back to YNP of 10 year old seed

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D &&D Susan Winslow
Purpose: Other
Field Planting #:
Study #:
Ordered By: MTPMC
Ordered Filled By: Susan Winslow

Received By:

Approved By:

Name/Title:

Name/Title:

Date:

Date:

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Bridger Plant Materials Center, Bridger, MT

D&D Sam Reid
USDI National Park Service
Yellowstone National Park
Division of PCLA
P.O. Box 168, House 4B
Mammoth, WY 82190

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USDI National Park Service
Yellowstone National Park
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P.O. Box 168, House 4B
Mammoth, WY 82190

Order Date: 4/18/2006
ECS-1 Number:

Ship Date: 4/19/2006
Ship via: Delivered

Number of Packages: 1

D&D MTPMC-06-043

Accession	Scientific Name (Symbol) /	Lot Number	Cert Class	Age	Test Date Purity	Total Viab	Bulk Shipped	PLS Shipped	U/M
9058026	Bromus marginatus (BRMA4) / mountain brome	SCO-97-YNP-72	CO		4/12/2004	76	11.85	0	lbs
9063302	Bromus marginatus (BRMA4) / mountain brome	SCO-98-YNP-73	CO		4/8/2004	73	38	0	lbs
9063302	Bromus marginatus (BRMA4) / mountain brome	SCO-99-YNP-73	CO		4/8/2004	88	30.93	0	lbs
9075895	Bromus marginatus (BRMA4) / mountain brome	SCO-98-YNP-67	CO		4/8/2004	86	29.4	0	lbs

Remarks: YNP older mountain brome seed

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For PMC Use

D &D Susan Winslow
Purpose: Other
Field Planting #:
Study #:
Ordered By: MTPMC
Ordered Filled By: Susan Winslow

Received By:

Approved By:

Name/Title:

Name/Title:

Date:

Date:

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Bridger Plant Materials Center, Bridger, MT

D&D Sam Reid
USDI National Park Service
Yellowstone National Park
Division of PCLA
P.O. Box 168, House 4B
Mammoth, WY 82190

Ship To: Sam Reid
USDI National Park Service
Yellowstone National Park
Division of PCLA
P.O. Box 168, House 4B
Mammoth, WY 82190

Order Date: 4/18/2006
 ECS-1 Number:

Ship Date: 4/19/2006
 Ship via: Delivered

Number of Packages: 1

D&D MTPMC-06-044

Accession	Scientific Name (Symbol) /	Lot Number	Cert Class	Age	Test Date	Purity	Total Viab	Bulk Shipped	PLS Shipped	U/M
9063304	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-99-YNP-102	WC					15	0	g
9063442	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-98-YNP-101	WC					243	0	g
9075880	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SCO-98-YNP-118	CO		4/9/2004		90	33	0	lbs
9075880	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SCO-99-YNP-118	CO		4/9/2004		91	19.5	0	lbs
9078494	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SCO-98-YNP-94	CO		4/9/2004		87	102	0	lbs
9081527	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-98-YNP-80	WC					186	0	g
9081527	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-99-YNP-80	WC					766	0	g
9081528	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-98-YNP-90	WC					86	0	g
9081726	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-99-YNP-1	WC					50	0	g
9081729	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-99-YNP-45	WC					71	0	g
9081731	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-99-YNP-86	WC					39	0	g
9081733	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-99-YNP-140	WC					235.8	0	g

D&&D MTPMC-06-044

Accession	Scientific Name (Symbol) /	Lot Number	Cert	Age	Test	Purity	Total	Bulk	PLS	U/M
			Class		Date		Viab	Shipped	Shipped	

Remarks: YNP older slender wg seed

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For PMC Use

D &&D Susan Winslow
Purpose: Other
Field Planting #:
Study #:
Ordered By: MTPMC
Ordered Filled By: Susan Winslow

Received By:

Approved By:

Name/Title:

Name/Title:

Date:

Date:

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Yellowstone National Park
Division of PCLA
P.O. Box 168, House 4B
Mammoth, WY 82190

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USDI National Park Service
Yellowstone National Park
Division of PCLA
P.O. Box 168, House 4B
Mammoth, WY 82190

Order Date: 8/30/2006
ECS-1 Number:

Ship Date: 8/25/2006
Ship via: Delivered

Number of Packages: 1

D&D MTPMC-06-072

Accession	Scientific Name (Symbol) /	Lot Number	Cert Class	Age	Test Date	Purity	Total Viab	Bulk Shipped	PLS Shipped	U/M
9081989	Pinus albicaulis (PIAL) / whitebark pine	SWC-01-YNP-18	WC					16.133	0	lbs

Remarks: dropped off at NRCS Livingston FO for YNP pickup & fall planting

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Fax: **(406) 662-3428**

For PMC Use

D &D Susan Winslow
Purpose: Other
Field Planting #:
Study #:
Ordered By: MTPMC
Ordered Filled By: Susan Winslow

Received By:

Approved By:

Name/Title:

Name/Title:

Date:

Date:

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USDI National Park Service
Yellowstone National Park
Division of PCLA
P.O. Box 168, House 4B
Mammoth, WY 82190

Ship To: Sam Reid
USDI National Park Service
Yellowstone National Park
Division of PCLA
P.O. Box 168, House 4B
Mammoth, WY 82190

Order Date: 9/12/2006
 ECS-1 Number:

Ship Date: 9/19/2006
 Ship via: Pick-up

Number of Packages: 1

D&D MTPMC-06-073

Accession	Scientific Name (Symbol) /	Lot Number	Cert Class	Age	Test Date	Purity	Total Viab	Bulk Shipped	PLS Shipped	U/M
9058018	Anaphalis margaritacea (ANMA) / western pearly everlasting	SWC-00-YNP-	WC		8/20/2004		68	22	0	g
9058018	Anaphalis margaritacea (ANMA) / western pearly everlasting	SWC-98-YNP-	WC		8/20/2004		66	83	0	g
9063200	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SCO-05-YNP-75	CO		1/5/2006	99.7	99	37	36.52011	lbs
9063203	Geranium viscosissimum (GEVI2) / sticky purple geranium	SWC-01-YNP-	WC					7.035	0	g
9063203	Geranium viscosissimum (GEVI2) / sticky purple geranium	SWC-02-YNP-	WC					24	0	g
9063204	Eriogonum umbellatum (ERUM) / sulphur-flower buckwheat	SWC-02-YNP-	WC					123	0	g
9063308	Heracleum maximum (HEMA80) / common cowparsnip	SWC-00-YNP-	WC					2.93	0	lbs
9063308	Heracleum maximum (HEMA80) / common cowparsnip	SWC-02-YNP-	WC					0.588	0	lbs
9063454	Eucephalus engelmannii (EUEN) / Engelmann's aster	SWC-05-YNP-39	WC				0	14	0	g
9063469	Elymus glaucus (ELGL) / blue	SWC-05-YNP-39	WC				0	342	0	g
9063471	Eriogonum umbellatum (ERUM) / sulphur-flower buckwheat	SWC-99-YNP-80	WC					15	0	g
9063476	Eriogonum umbellatum (ERUM) / sulphur-flower buckwheat	SWC-05-YNP-39	WC				0	366.9999	0	g
9063487	Phacelia hastata (PHHA) / silverleaf phacelia	SWC-98-YNP-	WC				0	4.999	0	g
9076163	Bromus marginatus (BRMA4) / mountain brome	SWC-00-YNP-	WC					61	0	g
9076164	Bromus marginatus (BRMA4) / mountain brome	SWC-99-YNP-80	WC					158	0	g

D&D MTPMC-06-073

Accession	Scientific Name (Symbol) /	Lot Number	Cert Class	Age	Test Date	Purity	Total Viab	Bulk Shipped	PLS Shipped	U/M
9076208	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-00-YNP-	WC					158	0	g
9076219	Bromus anomalus (BRAN) / nodding brome	SWC-05-YNP-80	WC			0		1.0259	0	lbs
9076219	Bromus anomalus (BRAN) / nodding brome	SWC-98-YNP-80	WC					0.612	0	lbs
9076219	Bromus anomalus (BRAN) / nodding brome	SWC-99-YNP-80	WC					0.41	0	lbs
9076232	Elymus glaucus (ELGL) / blue	SWC-00-YNP-80	WC					48.5	0	g
9076232	Elymus glaucus (ELGL) / blue	SWC-05-YNP-80	WC			0		278	0	g
9081502	Hesperostipa comata ssp. comata (HECOC8) / needle and thread	SCO-05-YNP-57B	CO			0		15	0	lbs
9081502	Hesperostipa comata ssp. comata (HECOC8) / needle and thread	SCO-06-YNP-57B	CO			0		5	0	lbs
9081527	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-05-YNP-80	WC			0		335.999	0	g
9081656	Potentilla gracilis (POGR9) / slender cinquefoil	SWC-98-YNP-80	WC					8.019	0	g
9081656	Potentilla gracilis (POGR9) / slender cinquefoil	SWC-99-YNP-80	WC					28	0	g
9081757	Pseudoroegneria spicata ssp. spicata (PSSPS) / bluebunch wheatgrass	SCO-04-YNP-57	CO		1/19/2005		92	5.3616	0	lbs
9081773	Nassella viridula (NAVI4) / green needlegrass	SCO-04-YNP-43	CO		1/19/2005		78	5.8356	0	lbs
9081773	Nassella viridula (NAVI4) / green needlegrass	SCO-05-YNP-43	CO		1/11/2006	87.5	94	6	4.935	lbs
9081863	Bromus ciliatus (BRCI2) / fringed brome	SWC-00-YNP-80	WC					145.14	0	g
9081868	Calamagrostis (CALAM) / reedgrass	SWC-00-YNP-	WC					2	0	g
9081901	Campanula rotundifolia (CARO2) / bluebell bellflower	SWC-00-YNP-	WC					1	0	g
9081924	Mimulus guttatus (MIGU) / seep monkeyflower	SWC-01-YNP-	WC					62	0	g
9082025	Bromus marginatus (BRMA4) / mountain brome	SCO-03-YNP-751	CO		9/4/2003		93	18.12	0	lbs
9082025	Bromus marginatus (BRMA4) / mountain brome	SCO-03-YNP-752	CO		9/4/2003		95	3.41	0	lbs
9082025	Bromus marginatus (BRMA4) / mountain brome	SCO-05-YNP-75	CO		1/9/2006	97.48	96	12.969	12.13649	lbs
9082053	Eurybia conspicua (EUCO36) / eastern showy aster	SWC-01-YNP-	WC					26.999	0	g

D&D MTPMC-06-073

Accession	Scientific Name (Symbol) /	Lot Number	Cert Class	Age	Test Date	Purity	Total Viab	Bulk Shipped	PLS Shipped	U/M
9082201	Castilleja linariifolia (CALI4) / Wyoming Indian paintbrush	SWC-02-YNP-	WC					7.999	0	g
9082233	Potentilla gracilis (POGR9) / slender cinquefoil	SWC-02-YNP-	WC					41.999	0	g
9087581	Bromus marginatus (BRMA4) / mountain brome	SWC-05-YNP-39	WC			0		3.09	0	lbs
9087585	Elymus trachycaulus ssp. trachycaulus (ELTRT) / slender	SWC-05-YNP-39	WC			0		137	0	g
9087591	Aquilegia flavescens (AQFL) / yellow columbine	SWC-05-YNP-39	WC			0		36	0	g
9087593	Arnica (ARNIC) / arnica	SWC-05-YNP-39	WC			0		4	0	g
9087594	Arnica mollis (ARMO4) / hairy arnica	SWC-05-YNP-39	WC			0		21.9999	0	g
9087602	Potentilla (POTEN) / cinquefoil	SWC-05-YNP-39	WC			0		105	0	g
9087603	Senecio (SENEC) / ragwort	SWC-05-YNP-39	WC			0		31	0	g

Remarks: YNP fall planting Sylvan Pass & Gardiner/Mammoth areas

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Date:

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Order Date: 11/8/2006

Ship Date: 11/7/2006

Number of Packages: 1

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D&&D MTPMC-06-093

Accession	Scientific Name (Symbol) /	Lot Number	Cert Class	Age	Test Date	Purity	Total Viab	Bulk Shipped	PLS Shipped	U/M
9087579	Achnatherum occidentale ssp. occidentale (ACOCO) / western needlegrass	SWC-05-YNP-85	WC			0		454.95	0	g

Remarks: YNP SI Field 1

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Name/Title:

Name/Title:

Date:

Date:

VIII. TRIALS

Yellowstone National Park
Bridger PMC Production 2006
Seed Purity and Viability Test Results

Genus & Species	Accession	Project	Field	Date Planted	Harvested	Purity [†] %	Viability [†] %	PLS [‡] %
<i>Bromus anomalus</i>	9076219	80 E.Entrance Gate	2	4/08/05	7/13	97.15	93.00	90.35
<i>Bromus marginatus</i>	9081699	13 MtWash Lkt Lwr	2	4/08/05	6/24	99.27	99.00	98.28
<i>B. marginatus</i>	9081703	98 Canyon Corrals	11E	4/16/04	6/24	99.14	97.00	96.17
<i>B. marginatus</i>	9081866	40 Sylvan Pass N.	5W	4/08/05	6/24	98.72	95.00	93.78
<i>B. marginatus</i>	9082025	75 Sylvan Pass S.	11W	4/14/02	6/24	99.32	99.00	98.33
<i>Elymus glaucus</i>	9076232	80 E.Entrance Gate	2	4/08/05	6/30 & 7/07	99.32	99.00	98.33
<i>Elymus trachycaulus</i>	9063200	75 Sylvan Pass S.	11W	4/14/02	7/19	98.64	98.00	96.67
<i>E. trachycaulus</i>	9076214	128 Elk Park	20S	4/07/05	7/10	92.36	97.00	89.59
<i>E. trachycaulus</i>	9081733	140 Antelope Creek	10W	4/12/02	7/10	97.44	89.00	86.72
<i>E. trachycaulus</i>	9082038	145 Solfatara CrTrlhd	2	4/08/05	7/05	99.00	99.00	98.01
<i>Hesperostipa comata</i>	9081502	57 Rifle Range	5W	4/14/03	6/23-24-26	98.29	96.00	94.36
<i>Leymus cinereus</i>	9081887	45 Tower Falls	5W	5/07/03	7/27	99.05	96.00	95.09
<i>L. cinereus</i>	9081887	45 Tower Falls	11W	4/14/02	7/21	95.99	90.00	86.39
<i>Nassella viridula</i>	9081773	43 Stephens Creek	5W	5/15/03	6/24 & 6/27	99.90	96.00	95.90
<i>Pseudoroegneria spicata</i>	9081759	140 Antelope Creek	2	4/08/05	7/07	96.90	97.00	93.99
15 plots, 8 species	14 access.	12 sites	6 fields	4/26	7/10	98.03	96.00	94.13

[†] Purity & Tetrazolium tests conducted by Montana State Seed Testing Lab.

[‡] Pure Live Seed.

IX. TECHNOLOGY

**Instructions for Completing YNP Vegetation
Monitoring Site Data Sheet and Frequency Form**

- I. YNP Vegetation Monitoring Site Data Sheet
 - A. Site Location Information
 1. Obtain from YNP files the target site's original form, REVEGETATION PLANTING (Establishment Data-Herbaceous)
 2. Do not pass go if there isn't a YNP REVEGETATION PLANTING form for the site
 3. Copy the applicable site information to the top 6 lines (14 spaces) on the vegetation monitoring data sheet
 - B. Original Seeding Activities
 1. Copy each of the seeded species from page 2 on the REVEGETATION PLANTING, most to least dominant in the mix
 2. Copy for each seeded species the corresponding % composition in the mix, or if that is unknown, hopefully pounds/acre for each species in the mix is known
 - C. Proceed to the field and continue below with Sections II-V
- II. Select Key Area on the Site--the objective is to sample the seeded population
 - A. Observe the entire area that was seeded
 1. Look at the physical attributes (soil, slope, aspect) to select the area that is most representative (avoid extremes if possible)
 2. Locate the key plant community that is best represented
 3. If possible, avoid highly dense monocultures or sparsely populated areas
 - a) Most sites are predominantly grass, but stay on the lookout for other plants
 - B. Diagram the key area in the same manner at all locations
 1. Always face the same direction to orient the drawing (i.e., looking north)
 - a) Look upslope on areas with road-fill or road-cut
 2. Draw the key area boundaries on map or aerial photo
 3. Record important features immediately adjacent to the key area (i.e., mile markers, bridges, intersections, pull-outs)
 4. Photograph the key area from an existing feature, as well as from other good advantage points
- III. Randomly Locate Transect (Sampling Unit) in the Key Area
 - A. Lay out tape to transect representative seeded plant community
 1. Secure loose end of cloth tape to the ground with a pin, measure out to the desired length of 76 m (250 ft.), and secure at ground level
 - a) Transect length will vary, but aim for as long as possible
 2. Make sure numbers on tape are visible and that the tape won't blow away.
 3. Make sure tape is in straight line and isn't twisted
 4. Permanently mark both ends of the transect with discreet, short, steel stakes
 - a) Record the locations of both stakes from an existing feature (usually distance is measured and a compass bearing is taken)
 5. Photograph both transect ends from the existing feature
 6. Photograph the length of the transect from both ends
 - B. Place steel sampling frame adjacent to the cloth tape

1. Quadrat (plot) size and shape is dependent on plant community type, but sampling with a 1-m², four-quartered, steel frame is recommended for well-established, moderately-dense, medium-tall, and predominantly herbaceous vegetation
 - a) Smaller frames are recommended on newly established sites, with predominately seedling-stage vegetation
2. Place one corner of the frame at 0, while aligning a side of the frame up and against the right edge of the tape
3. Arrange steel frame so that the sampling area of the quadrat (plot) is perpendicular to the tape and resting on the ground
4. Separate out all material (stems, leaves, debris) that does not have a plant base/crown within the frame boundary

IV. Begin Systematic Frequency Sampling--the objective is to record seeded species' presence in each sample area (quadrat [plot])

- A. Frequency form
 1. Fill in the top 2 lines (4 spaces) of the form
 - a) Total number of quadrats (plots) is recorded after frequency sampling is completed
 2. Each quadrat (plot) consists of 4 units
- B. As encountered in each quadrat (plot), identify and record individual seeded species in left-hand column
 1. Use of scientific names is required
 2. More than one copy of the form may be necessary if >15 species are recorded along the entire length of the transect
- C. Record seeded species presence as a slanted line (/) or a dot (·) when encountered in a unit-area of the quadrat (plot)
 1. The recording process works down the left hand column as more species are recorded in a quadrat (plot), and to the right as quadrats (plots) are completed
 2. Record presence of seeded species within a quadrat (plot) only those that are rooted
 3. Record presence of seeded species within a quadrat (plot) only 1 time, regardless of the number of individual plants located in the sample area
- D. When completed, move 2 m (6.6 ft.) up the length of the transect (sample unit).
 1. Place the steel sampling frame on the opposite side of the tape as the previous location.
 2. Place a corner of the frame at the measure mark so that the edge runs up the left-hand side of the tape
 3. The sampling area of the quadrat (plot) is now perpendicular to the tape and resting on the ground
- E. Continue frequency sampling and repeat process (/) at each advancement along the transect (sample unit)
 1. Sample as many quadrats (plots) as possible
 2. It is reported that accurate frequency levels can be determined in a 10-14" precipitation zone by sampling 12 quadrats (plots)
- F. Record the total number of sampled quadrats (plots) in the remaining blank space at the top of the Frequency Form

V. Calculate Frequency for Each Seeded Species

- A. Tally the presence marks for each seeded species in each quadrat and record the total in the right-hand column

- B. Divide the total % frequency of each seeded species by the total number of sampled quadrats (plots)
 - a) Record the calculated number for each seeded species as % frequency (see below in Section VI-A-3)

VI. YNP Vegetation Monitoring Site Data Sheet

- A. Evaluation of Seeded Plant Occupancy (column 1 to column 3)
 - 1. Transfer each seeded species name from the Frequency Form to the left-hand column
 - 2. Transfer each seeded species' "% Composition in Original Seeding Mix" from column 2 in the above section, to the 2nd column
 - 3. Transfer calculated % frequency from the Frequency Form for each seeded species to the 3rd column
- B. % Occupied and Seeding Status (column 4 to column 8)
 - 1. For each seeded species, compare column 3 (% frequency) to column 2 (% mix)
 - 2. Assign a status rating for each seeded species in the appropriate column
 - a) For example, if a seeded species has a 75% frequency in column 3, and the original mix composition in column 2 was 60%, the rating is Excellent (>50%)
 - b) If a seeded species has a 35% frequency in column 3, and the original mix composition in column 2 was 75%, the rating is Moderate (25-39%)
 - c) If a seeded species has a 1% frequency in column 3, and the original mix composition in column 2 was 25%, the rating is Failure (<10%)
 - 3. Determine overall seeding success for the site by averaging the status rating of the key, dominant species used in the original seeding mix
 - a) May be a single species, or a combination of several grass, grass-like, or forb species
- C. Determine Degree of Invasive Plant Occupancy
 - 1. Classify what constitutes an invasive plant
 - a) May include exotics, introduced, and noxious
 - b) May include annuals, biennials, woodies, or other natives
 - 2. Observe the entire seeded area.
 - 3. Assign rating based on relative density of invasive plants on the seeded site

THE TAMING OF YELLOWSTONE'S NATIVE PLANTS¹

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Abstract: The Bridger Plant Materials Center (BPMC) has maintained a cooperative agreement with Yellowstone National Park (YNP) since 1986. This agreement facilitates the identification, collection, increase, and reestablishment of indigenous plant materials for revegetation of road construction disturbances resulting from projects within Park boundaries. Plant species are identified at least three years in advance of each project allowing time for collection and production efforts. Park personnel have collected seed of more than 200 species from 147 different locations. The wildland-collected material is sent to the BPMC where detailed records are maintained on the number of person-hours required to collect each seed lot, so the approximate cost of collecting native seed can be estimated. Grasses are the easiest to hand-harvest, with mountain brome consistently yielding the greatest amount at 454 grams clean seed per person-hour of collection. The BPMC has processed, inventoried, and stored more than 2,500 wildland seed collections and then either sent them back to the Park, to private commercial growers, or planted them at the BPMC for seed increase. Only the original generation of seed from the Park is used to establish production fields. The fields are planted in rows 0.9 m apart at 100 to 130 bulk seeds/m. Genetic integrity is maintained by isolating different sources of like species, which greatly complicates the timing of activities such as cultivating, irrigating, mowing, spraying, and harvesting. Native perennial grasses rarely produce adequate quantities of seed the establishment year and, with many species, stands begin to deteriorate after the third year. Annual YNP grass seed production at the BPMC varies from 100 to 200 kg ha⁻¹, with percentage germination ranging from 75 to 100. Nearly 3,000 kg of seed indigenous to YNP has been produced at the BPMC since 1986. Seed is distributed back to YNP, mixed to reflect a desirable plant community, and broadcast-seeded on road reconstruction disturbances at a bulk rate of at least 500 seeds/m².

Additional Key Words: Locally adapted ecotypes, native grass seed production.

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Cost Estimate Matrix for 1-Year of a Multi-year Contract with Yellowstone National Park—2006.

ITEM NO.	ITEM	AMOUNT \$\$	EASY	MODERATE	DIFFICULT	UNITS [†]	VALUE \$\$
1.	Technical Support						
	A. Annual Technical Report/Physical Inventory	60/hr				130	7800
	B. On-Site Consultation	500/day				4	2000
	C. Misc. Technical Support	60/hr				60	3600
	D. Technology Transfer	60/hr				100	6000
2.	Research Projects	60/hr				-	NA
3.	Seed Processing	90/ea				59	5310
4.	Seed Production						
	A. Small area ≤0.1 acre	40/lb	60/lb	115/lb		3	180
	B. Medium area 0.1 to 0.25 acre	30/lb	50/lb	90/lb		360	12310
	C. Large area >0.26 acre	20/lb	35/lb	70/lb		154	5390
	D. Forbs	75-125/lb	125-300/lb	300+/lb			137
5.	Field Maintenance						
	A. Establishment year	250/plot				5	1250
	B. Established, not productive	300/plot				1	300
	C. Established, productive	350/plot				21	7350
6.	Germination Tests	65/ea				-	NA
7.	Tetrazolium (TZ) Tests	45/ea				-	NA
8.	Purity & TZ Tests	75/ea				15	1125
9.	Other Seed	12/lb				-	NA
10.	Supplies						1500
						Subtotal	54,252
11.	Annual Inflation Adjustment					0.05	2,713
						Grand Total	\$56,965

[†] Includes (but not limited to) hours, days, plots, pounds, plants, &/or ea.