

# ETHNOBOTANICAL RESEARCH IN GRAND TETON NATIONAL PARK, HONORING THE FIRST PEOPLE AND THEIR PLANT KNOWLEDGE



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## ♦ OBJECTIVES

During the summer of 2004 I began the second phase of a three part study on ethnobotanical plants within the protected boundaries of Grand Teton National Park (GTNP) and the Rockefeller Jr. Memorial Parkway. Identification, location and collection of around 300 plant species used for food, medicine, utilitarian and ceremonial purposes by Shoshoni, Blackfoot, Crow, Ute, Arapahoe, Gosiute and Western Plains and Rocky Mountain Tribes, was and still is the goal of this project.

## ♦ METHODS

The first phase, begun in Spring 2004 examined prehistoric, multi-tribal flora remains through archeological site reports, dated 1976 through 1993, and netted 28 sites in Grand Teton National Park from the Wyoming State Historic Preservation Office (SHPO), Laramie, Wyoming and the Midwest Archeological Center, National Park Service, Lincoln, Nebraska (Table 1). Many of these archeological sites are located on the old shore line of Jackson Lake, and also scattered throughout GTNP. These reports yield information on botanical and pollen species, charcoal and hearth analyses, and flotation work if performed. Other historic records found on the uses of plant species in this biome came from many sources including librarians, friends, old bibliographies, early photographers, historians, natural fiber dyers, fellow herbalists, and a few phone

calls from enthusiastic people wanting to share a rare book or pamphlet, having heard of this project.

## ♦ RESULTS

Collecting a specific set of plants entails knowing their habitat requirements, seasonal growth habits, local weather factors and the stages of flowering and seed maturation by species. By staggering collecting times into two week intervals, I was able to coincide collecting with plant growth habits. For the 42 days spent in the field the results include 39 families and 70 species to date and their identifications are tentative, not verified (Table 2). Some of the plants I have searched for and not yet found may never be found, due to extinction or historically incorrect identification. Plants could very possibly have been carried into the area by tribe visitation from long distances or traded for and, roasted and eaten, leaving only a few charred seeds behind as the evidence found in archaeological records.

## ♦ CONCLUSIONS

Further collecting of plant specimens is needed to complete the study's second phase. The harvesting of seeds into the fall will meet the third and final goal of providing identifiable macrofloral material for charring. Charring reproduces the seed content of hearths, creating a set of seeds for archaeological analytical comparison. These three

phases will help create a basis for future archaeological, botanical and cultural investigations into the ethnobotany of Grand Teton National Park.

### ◆ ADDENDUM

Along with the three phase study, I brought the entire UW-NPS plant collection, located at the AMK Ranch, to the Rocky Mountain Herbarium for review, development and for the addition of species not contained in their comparative collection. Drs. Hank Harlow, Greg Brown, Ron Hartman and Ernie Nelson and I feel this is an important expansion of reference material for all researchers and disciplines.

### ◆ ACKNOWLEDGMENTS

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Smithsonian Site Number and Name	Principle Investigator and Year(s)	Site Date	Macroflora, Charcoal, Pollen	Features, not flora
48TE455, Goetz	G. Frison, 8/19/1971	825-715 BP		Lithics, tools, fire-cracked rock, of unknown affiliation.
48TE509, Lawrence	G. Wright, 1976-77	Paleo-Indian, Archaic, Late Prehistoric		Seaside vessels, 800 points, grinding stones & slabs, mauls, human burials
48TE509, Lawrence	Dr L. S. Cummings prepared for Midwest Archeological Center, BLM Document (MWAC) 1986	C-14: 3660 ± 270 BP	Macroflora: <i>Abies</i> , <i>Picea</i> , <i>Pinus</i> , <i>Pseudotsuga</i> , <i>Salicaceae</i> , <i>Carex</i> , <i>Chenopodium</i> , <i>Poaceae</i> , <i>Rumex</i> , <i>Cyperaceae</i> , <i>Apiaceae</i> , <i>Conifer</i> , <i>Monocot</i> , <i>UnID</i>	Lithic scatter, tools, fire-cracked rock, of unknown affiliation. Multiple features
48TE509, Lawrence	Dr L. S. Cummings prepared for MWAC 1987	C-14: 4660 ± 90 to 770 ± 70 BP	Macroflora: <i>Abies</i> , <i>Picea</i> , <i>Pinus</i> , <i>Chenopodium</i> , <i>Apiaceae</i> , <i>Brassicaceae</i> , <i>Cryptantha</i> , <i>Cyperaceae</i> , <i>Cyperus</i> , <i>Scirpus</i> , <i>Poaceae</i> , <i>Potentilla</i> , <i>Rumex</i> , <i>Zanmichellia</i> , <i>Salicaceae</i> , <i>Cheno-am</i> , <i>Lavatera</i> , <i>Ambrosia</i> , <i>Pseudotsuga</i> , <i>Polygonum</i> , <i>Salvia</i> , <i>Iva</i> , <i>Sambucus</i> , <i>Monarda</i> , <i>Borraginaceae</i> , <i>Juncus</i> , <i>Luzula</i> , <i>Toraxacum</i> , <i>Potamogeton</i> , <i>Argemone</i> , <i>Physalis</i> , <i>Conifer</i> , <i>UnID</i> . Charcoal: <i>Pinus</i> , <i>Pinus contorta</i> , <i>Picea</i> , <i>Pseudotsuga</i>	Multiple features
48TE649, None	Conor, Groethe, Kolb, Succ, Winchell MWAC 1986	Unknown	Macroflora: <i>Pinus</i> , <i>Conifer</i> , <i>Salicaceae</i> , <i>Chenopodium</i> , <i>Carex</i> , <i>Cyperaceae</i> , <i>Gramineae</i> ( <i>Poacea</i> ), <i>Taraxacum</i> , <i>Juniperus</i> , <i>Picea</i> , <i>Pseudotsuga</i> , <i>Polygonum</i> , <i>Abies</i> , <i>Fragaria</i> , <i>Potentilla</i> -type <i>Cinquefoil</i> , <i>Rumex</i> , <i>Eriogonum</i> , <i>Lactuca</i> , <i>Potamogeton</i> , <i>Monocot</i> , <i>UnID</i> . Charcoal: <i>Pinus</i>	Excavation units, no features
48TE1039, Wright	Dr L. S. Cummings prepared for MWAC 1986	Late Paleo-Indian to Early Archaic	Macroflora: <i>Picea</i> , <i>Pinus</i> , <i>Pseudotsuga</i> , <i>Conifer</i> , <i>Salicaceae</i> , <i>Chenopodium</i> , <i>Carex</i> , <i>Cyperaceae</i> , <i>Rumex</i> , <i>Polygonum</i> , <i>Monocot</i> , <i>UnID</i> .	Lithic scatter, several hearths of unknown affiliation.
48TE1042, Spalding Bay	Behn, Groethe, Kolb, Svec, Winchell, University of Nebraska. Dr L. S. Cummings prepared for MWAC, 1986	Prehistoric	Charcoal: <i>Carex</i> , <i>Rumex</i> , <i>Salicaceae</i> , <i>Picea</i> , <i>Pinus</i> , <i>Conifer</i>	Excavation units, no features
48TE1053, None	Dr L. S. Cummings prepared for MWAC, 1986	C-14: 1060 ± 70 to 2030 ± 120 BP	Macroflora: <i>Picea</i> , <i>Pinus</i> , <i>Pseudotsuga</i> , <i>Salicaceae</i> , <i>Chenopodium</i> , <i>Carex</i> , <i>Cyperaceae</i> , <i>Poaceae</i> , <i>Melivaccaceae</i> , <i>Papaveraceae</i> , <i>Polygonum</i> , <i>Rumex</i> , <i>Taraxacum</i> , <i>Viola</i> , <i>Conifer</i> , <i>UnID</i> , <i>Monocot</i> . Pollen: <i>Alnus</i> , <i>Salix</i> , <i>Pediastrum</i> , <i>Cheno-am</i> , <i>Asteraceae</i> , <i>Brassicaceae</i> , <i>Liliaceae</i> , <i>Shepherdia</i> , <i>Pseudotsuga</i> , <i>Labiatae</i> , <i>Apiaceae</i> , <i>Zen</i> . Charcoal: <i>Pinus contorta</i> , <i>Abies</i> , <i>P. ponderosa</i>	Lithic scatter, fire-cracked rock basin, hearths of unknown affiliation. Multiple features
48TE1053, None	Dr L. S. Cummings prepared for MWAC, 1986	Prehistoric	Macroflora: <i>Picea</i> , <i>Pinus</i> , <i>Pseudotsuga</i> , <i>Conifer</i> , <i>Brassicaceae</i> , <i>Leguminosae</i> , <i>Rumex</i> , <i>UnID</i> . Pollen: <i>Pinus</i> . Charcoal: <i>Pinus contorta</i>	Single feature, fire-cracked rock basin
48TE1067	Dr L. S. Cummings prepared for MWAC	Middle Archaic to Late Prehistoric	Macroflora: <i>Picea</i> , <i>Pinus</i> , <i>Conifer</i> , <i>Salicaceae</i> , <i>Chenopodium</i> , <i>Carex</i> , <i>Cyperaceae</i> , <i>Eriogonum</i> , <i>Malvaceae</i> , <i>Monocot</i> , <i>Vaccinium</i> , <i>Pseudotsuga</i> , <i>Apiaceae</i> , <i>Gramineae</i> ( <i>Poaceae</i> ), <i>Lonicera</i> , <i>Papaveraceae</i> , <i>Malvaceae</i> , <i>Polygonum</i> , <i>Rosaceae</i> , <i>Rumex</i> , <i>Taraxacum</i> , <i>Rosaceae</i> . <i>UnID</i> . Pollen: <i>Pinus</i> , <i>Picea</i> , <i>Cheno-am</i> , <i>Apiaceae</i> , <i>Brassicaceae</i> , <i>Liliaceae</i> . Charcoal: <i>Pinus contorta</i> , <i>Salicaceae</i> , <i>P. ponderosa</i> .	
48TE1067, Gull Island	Dr L. S. Cummings prepared for MWAC, 1987	C-14: 1060 ± 70 to 2030 ± 120 BP	Macroflora: <i>Picea</i> , <i>Pinus</i> , <i>Pseudotsuga</i> , <i>Cheno-am</i> , <i>Apiaceae</i> , <i>Cyperaceae</i> , <i>Cyperus</i> , <i>Scirpus</i> , <i>Zanmichellia</i> , <i>Argemone</i> , <i>Salicaceae</i> , <i>Brassicaceae</i> , <i>Monocot</i> , <i>Rumex</i> , <i>Polygonum</i> , <i>Poaceae</i> , <i>Ambrosia</i> , <i>Conifer</i> . Pollen: <i>Poaceae</i> . Charcoal: <i>Pinus ponderosa</i> , <i>Salicaceae</i> , <i>Pinus</i> .	Several hearths of unknown affiliation and lithic scatter. Multiple features, fire-cracked rock basin
48TE1067, Gull Island	Dr L. S. Cummings prepared for MWAC, 1988	Unknown	Macroflora: none analyzed. Pollen: not sufficient to analyze. Charcoal: none.	Located in an alluviated area of Gull Island. Fire-cracked rock basin, oxidation problem with soil samples in area.
48TE1089, None	Dr L. S. Cummings prepared for MWAC, 1986	C-14: 830 ± 100 BP	Macroflora: <i>Picea</i> , <i>Pinus</i> , <i>Conifer</i> , <i>Salicaceae</i> , <i>Chenopodium</i> , <i>Carex</i> , <i>Compositae</i> , <i>Gramineae</i> ( <i>Poaceae</i> ), <i>Rumex</i> , <i>Rupis</i> , <i>UnID</i> . Pollen: none. Charcoal: <i>Picea</i> , <i>Gymnosperm</i> , <i>Pinus</i>	Single feature, no substance interpretations may be made from the contents of this sample.
48TE1090, None	Dr L. S. Cummings prepared for MWAC, 1988	Prehistoric	Macroflora: <i>Abies</i> , <i>Picea</i> , <i>Pinus</i> , <i>Pseudotsuga</i> , <i>Cyperaceae</i> , <i>Cyperaceae</i> ( <i>unID</i> ) & <i>Scirpus</i> , <i>Sagittaria</i> , <i>Gramineae</i> , <i>Salicaceae</i> , <i>Cheno-am</i> , <i>Cruciferae</i> , <i>Compositae</i> , <i>Cornus</i> , <i>Leguminosae</i> , <i>Polygonum</i> , <i>Rumex</i> , <i>UnID</i> . Pollen: <i>Sagittaria</i> , <i>Liliaceae</i> . Charcoal: <i>Pinus contorta</i> , <i>Cornus</i> , <i>Alnus</i> , <i>Conifer</i> , <i>Salix</i>	Multiple features
48TE1099, None	Dr L. S. Cummings prepared for MWAC, 1987	C-14: 970 ± 120 to 1550 ± 80 BP	Macroflora: <i>Conifer</i> , <i>Abies</i> , <i>Picea</i> , <i>Artemisia</i> , <i>Typha angustifolia</i> , <i>Pediastrum</i> and <i>Leptodactylon</i> *, <i>Cicuta/Sium</i> , <i>Chenopodium</i> , <i>Cornus</i> . <i>Cyperaceae</i> : <i>Scirpus</i> (?), <i>Gramineae</i> , <i>Salicaceae</i> , <i>Cruciferae</i> , <i>Pseudotsuga</i> , <i>UnID</i> . Charcoal: <i>Alnus</i> , <i>Pinus</i> , <i>Conifer</i> , <i>Betulaceae</i> , <i>Conifer</i> , <i>Salix</i> , <i>Pinus contorta</i> , <i>Cornus</i> .	Multiple features, fire-cracked rock basin
48TE1099, None	Dr L. S. Cummings prepared for MWAC, 1988	C-14: 970 ± 120 to 1550 ± 80 BP	Macroflora: charcoal: <i>Abies</i> , <i>Picea</i> , <i>Pinus</i> , <i>Pseudotsuga</i> , <i>Apiaceae</i> , <i>Cornus</i> , <i>Cyperaceae</i> : <i>Scirpus</i> , <i>Poaceae</i> , <i>Salicaceae</i> , <i>Brassicaceae</i> , <i>Conifer</i> , <i>UnID</i>	Multiple features
48TE1101, None	L. Clark, J. Eddins. Dr L. S. Cummings prepared for MWAC, 1987-1988	Late Prehistoric	Macroflora: <i>Conifer</i> , <i>Pinus</i> , <i>Artemisia</i> , <i>Cyperaceae</i> : <i>Scirpus</i> & <i>Eleocharis</i> , <i>Salicaceae</i> , <i>Chenopodium</i> , <i>UnID</i> , <i>Polygonum</i> , <i>Ranunculid</i> , <i>Sagittaria</i> . Charcoal: <i>Betulaceae</i> , <i>Pinus</i> .	Multiple features, fire-cracked rock basin
48TE1107, None	C. Clark, J. Edding. Dr L. S. Cummings prepared for MWAC, 1987-1988	Prehistoric	Macroflora: <i>Abies</i> , <i>Picea</i> , <i>Pinus</i> , <i>Pseudotsuga</i> , <i>Chenopodium</i> , <i>Cyperaceae</i> : <i>Scirpus</i> (2 spp.), <i>Conifer</i> , <i>Sambucus</i> , <i>UnID</i> . Charcoal: <i>Pinus contorta</i> .	Multiple features
48TE1111, None	Dr L. S. Cummings prepared for MWAC, 1987	C-14: 1070 ± 100 BP	Pollen Analysis: <i>Typha</i> .	Single feature, fire-cracked rock basin
48TE1114, None	Dr L. S. Cummings prepared for MWAC, 1987	C-14: 1440 ± 60 BP	Macroflora: <i>Pinus</i> , <i>Pseudotsuga</i> , <i>Chenopodium</i> , <i>Cyperaceae</i> , <i>Poaceae</i> , <i>Polygonum</i> , <i>Potentilla</i> , <i>Rumex</i> , <i>Scirpus</i> , <i>Salicaceae</i> , <i>UnID</i> , <i>Conifer</i> . Pollen: <i>Apiaceae</i> . Charcoal: <i>Pinus contorta</i> .	Multiple features, fire-cracked rock basin
48TE1114, None	S. Metz, L. Clark, J. Whitehurst, T. Vercolm, K. Winchell. Dr L. S. Cummings prepared for MWAC, 1988	440 ± BP	Macroflora: <i>Abies</i> , <i>Picea</i> , <i>Pinus</i> , <i>Pseudotsuga</i> , <i>Chenopodium</i> , <i>Brassicaceae</i> , <i>Cyperaceae</i> : <i>Cyperus</i> & <i>Scirpus</i> , <i>Rumex</i> , <i>Salicaceae</i> , <i>Cheno-am</i> , <i>Conifer</i> , <i>UnID</i> . Pollen: <i>Artemisia</i> , <i>Picea</i> , <i>Cyperaceae</i> . Charcoal: <i>Pinus contorta</i> , <i>Betulaceae</i> , <i>Conifer</i> .	Metz- Lithic scatters, bone, one hearth excavation. Cummings - Multiple features, fire-cracked rock basin
48TE1119, None	Dr L. S. Cummings prepared for MWAC, 1988	Prehistoric	Pollen: <i>Pinus</i> , <i>Urtica</i> , <i>Salix</i> .	
48TE1291, Henn	M. L. Larson, 1992-1993	100 ± 8 BP	Pollen: <i>Picea</i> , <i>Pinus</i> , <i>Alnus</i> , <i>Betula</i> , <i>Quercus</i> , <i>Artemisia</i> , <i>Cheno-Am</i> , <i>Poaceae</i> , <i>Cyperaceae</i> , <i>Ephedra</i> , <i>Apiaceae</i> , <i>Pinellite</i>	Lithic scatter, fire-cracked rock, hearth

Table 2. Grand Teton National Park, Ethnobotanical Collection 2004. Evelyn Hill

Teton Plant Collection 2004	Evelyn Hill	Species & Variety	Tribes	UTM 12T	Elevation in feet	Lat & Long
1	Adoxaceae	<i>Sambucus</i>	Shoshoni	0528607 4865237	6872	N43.56.383 W110.38.616
		<i>Sambucus racemosa</i>	Shoshoni	0517420 4830349	6573	N43.37.558 W110.47.043
2	Alismataceae	<i>Sagittaria</i>	Shoshoni, Blackfoot, Western Plains	0540005 4861065	6919	N43.54.095 W110.30.111
3	Alliaceae	<i>Allium</i>	Blackfoot, Shoshoni	0535378 4856723	6774	N43.51.764 W110.33.584
4	Apiaceae	<i>Heraculum</i>	Blackfoot, Shoshoni	0540005 4861065	6919	N43.54.095 W110.30.111
		<i>Ligusticum</i>	Crow	0533261 4835858	7086	N43.40.498 W110.35.242
		<i>Ligusticum</i>	Crow	0535433 4856587	6733	N43.51.646 W110.33.506
		<i>Lomatium</i>	Shoshoni, Blackfoot, Crow Western Plains, Wind River	0531210 4852198	6907	N43.49.330 W110.36.713
		<i>Lomatium</i>	Shoshoni, Blackfoot, Crow Western Plains, Wind River	0540619 4858956	7127	N43.52.955 W110.29.927
		<i>Osmoriztha</i>	Blackfoot, Shoshoni	0528546 4865579	6902	N43.56.570 W110.38.660
		<i>Osmoriztha</i>	Blackfoot, Shoshoni	0531298 4857778	6775	N43.52.348 W110.36.625
		<i>Perideridia</i>	Blackfoot, Western Plains	0531210 4852198	6907	N43.49.330 W110.36.713
5	Asteraceae	<i>Achillia millifolia</i>	Ute, Blackfoot, Crow, Shoshoni	0528887 4865256	6885	N43.56.391 W110.38.403
		<i>Antennaria rosea</i>	Blackfoot	0528853 4865128	6875	N43.56.322 W110.38.432
		<i>Artemisia campestris</i>	Blackfoot	0527016 4869954	6857	N43.58.932 W110.39.795
		<i>Artemisia cana</i>	Blackfoot	0527016 4869954	6857	N43.58.932 W110.39.795
		<i>Artemisia tridentata</i>	Shoshoni	053522 4856952	6773	N43.51.890 W110.33.702
		<i>Balsamorhiza sagittata</i>	Blackfoot, Shoshoni	0528853 4865128	6875	N43.56.322 W110.38.432
		<i>Crepsis</i>	Shoshoni	0540619 4858956	7127	N43.52.955 W110.29.927
		<i>Grindelia squarosa</i>	Gosuite, Blackfoot, Shoshoni, Crow	530955 4834240	6867	N43.39.631 W110.36.964
		<i>Helianthus</i>	Gosuite, Shoshoni	0535378 4856723	6774	N43.51.764 W110.33.584
		<i>Matricaria</i>	Blackfoot	0535378 4856723	6774	N43.51.764 W110.33.584
		<i>Solidago</i>	Blackfoot	0504300 4852900	6767	N43.49.690 W110.29.927
		<i>Wyethia</i>	Shoshoni	0535378 4856723	6774	N43.51.764 W110.33.584
6	Berberidaceae	<i>Mahonia repens</i>	Blackfoot, Shoshoni	0528792 4865380	6880	N43.94.099 W110.64.126
7	Betulaceae	<i>Alnus incana</i>	Blackfoot, Shoshoni	0533261 4835858	7086	N43.40.498 W110.35.242
8	Brassicaceae	<i>Lipidium</i>	Blackfoot	0535378 4856723	6774	N43.51.764 W110.33.584
9	Campanulaceae	<i>Campanula</i>	Shoshoni	0528894 4865251	6913	N43.56.390 W110.38.404
10	Caprifoliaceae	<i>Symphoricarpos alba</i>	Blackfoot, Crow	0528792 4865380	6880	N43.94.099 W110.64.126
		<i>Symphoricarpos alba</i>	Blackfoot, Crow	0540710 4858305	7127	N43.52.955 W110.29.927
11	Convallariaceae	<i>Maianthemum stellatum</i>	Shoshoni	0524311 4833691	6566	N43.39.349 W110.41.911
		<i>Maianthemum stellatum</i>	Shoshoni	0535433 4856587	6733	N43.51.646 W110.33.506
12	Cornaceae	<i>Cornus</i>	Blackfoot, Crow	0535805 486073	6773	N43.51.411 W110.33.267
13	Crassulaceae	<i>Sedum</i>	Shoshoni	0541974 4847822	7061	N43.46.936 W110.28.701
14	Cupressaceae	<i>Juniper scopularum</i>	Arapaho, Blackfoot, Crow, Shoshoni	0525615 4830598	6827	N43.37.676 W110.40.950
15	Cyperaceae	<i>Carex</i>	Blackfoot	0531562 4858602	6823	N43.52.790 W110.36.427
16	Equisetaceae	<i>Equisetum arvense</i>	Arapaho, Blackfoot, Crow, Shoshoni	0534868 4860015	6948	N43.53.549 W110.33.951
		<i>Equisetum hymale var. affine</i>	Arapaho, Blackfoot, Crow, Shoshoni	0535156 4859926	6874	N43.53.496 W110.33.738
17	Ericaceae	<i>Arctostaphylos</i>	Blackfoot, Crow	0531562 4858602	6823	N43.52.790 W110.36.427
		<i>Chimaphila umbellata</i>	Western Plains	0528792 4865380	6880	N43.94.099 W110.64.126
		<i>Pyrola</i>	Blackfoot	0532830 4843844	7052	N43.44.813 W110.35.535
		<i>Vaccinium</i>	Western Plains	0528878 4865473	6805	N43.56.507 W110.38.409
		<i>Vaccinium</i>	Western Plains	0532757 4855546	7478	N43.46.802 W110.26.147
18	Fabaceae	<i>Lupinus</i>	Blackfoot, Shoshoni	0528887 4865256	6885	N43.56.391 W110.38.403
19	Gentianaceae	<i>Frasera speciosa</i>	Arapaho, Shoshoni	0535819 4846838	6778	N43.46.423 W110.33.294
20	Geraniaceae	<i>Geranium viscosissimum</i>	Blackfoot	0528771 4865202	6831	N43.56.364 W110.38.495
21	Grossulariaceae	<i>Ribes</i>	Blackfoot, Shoshoni, Western Plains	0530112 4845419	6658	N43.45.675 W110.37.560
		<i>Ribes cereum var. pedicellare</i>	Blackfoot, Shoshoni, Western Plains	0524383 4834094	6550	N43.39.57 W110.41.870
22	Hyacinthaceae	<i>Camassia quamash</i>	Shoshoni	0528026 4868170	6869	N43.58.510 W110.39.037
23	Hydrophyllaceae	<i>Phacelia</i>	Shoshoni	0535152 4860006	6888	N43.53.540 W110.33.741
24	Lamiaceae	<i>Agastache</i>	Shoshoni	0528769 4865203	6870	N43.56.363 W110.38.492
		<i>Mentha</i>	Blackfoot, Shoshoni	0532757 4855546	7478	N43.46.802 W110.26.147
		<i>Mentha</i>	Blackfoot, Shoshoni	0533261 4835858	7086	N43.40.498 W110.35.242
25	Linaceae	<i>Linum lewisii</i>	Shoshoni	0540710 4858305	7127	N43.52.955 W110.29.927
26	Melanthiaceae	<i>Zigadenus venenosus var. Gramineus</i>	Blackfoot, Shoshoni	0524383 4834094	6550	N43.39.57 W110.41.870
27	Nymphaeaceae	<i>Nuphar polysepala</i>	Rocky Mtn & Western Plains	0531210 4852198	6907	N43.49.330 W110.36.713
28	Onagraceae	<i>Chamerion</i>	Blackfoot	0533261 4835858	7086	N43.40.498 W110.35.242
29	Orchidaceae	<i>Corallorhiza</i>	Shoshoni	0532757 4855546	7478	N43.46.802 W110.26.147
30	Pinaceae	<i>Abies lasiocarpa</i>	Blackfoot, Crow, Shoshoni	0528887 4865256	6885	N43.56.391 W110.38.403
		<i>Pinus contorta</i>	Plains	528792 486580	6880	N43.94.099 W110.64.126
		<i>Pinus flexilis</i>	Western Plains	0523901 4848535	6996	N43.47.371 W110.42.177
		<i>Pseudotsuga</i>	Blackfoot	0542112 4858508	7010	N43.52.706 W110.28.549
		<i>Pseudotsuga</i>	Blackfoot	0532830 4843844	7052	N43.44.813 W110.35.535
31	Poaceae	<i>Hesperostipa comata</i>	Blackfoot	0535433 4856587	6733	N43.51.646 W110.33.506
32	Polygonaceae	<i>Rumex</i>	Arapaho, Blackfoot, Shoshoni	0535378 4856723	6774	N43.51.764 W110.33.584
33	Ranunculaceae	<i>Aconitum columbianum</i>	Blackfoot	0517616 4885204	7164	N44.07.180 W110.46.794
		<i>Actaea</i>	Blackfoot, Plains	0540619 4858956	7127	N43.52.955 W110.29.927
		<i>Aquilegia</i>	Shoshoni	0544999 4847335	7454	N43.46.665 W110.26.448
		<i>Delphinium bicolor</i>	Shoshoni, Blackfoot	0528792 4865380	6880	N43.94.099 W110.64.126
		<i>Thalictrum</i>	Shoshoni, Blackfoot	0528878 4865473	6805	N43.56.507 W110.38.409
34	Rosaceae	<i>Amelanchier</i>	Shoshoni, Blackfoot	0528607 4865237	6872	N43.56.383 W110.38.616
		<i>Amelanchier</i>	Shoshoni, Blackfoot	0525682 4830442	6684	N43.37.592 W110.40.899
		<i>Ceanothus velutinosus</i>	Arapaho, Shoshoni	0528853 4865128	6875	N43.56.332 W110.38.432
		<i>Fragaria</i>	Blackfoot, Shoshoni	0542112 4858508	7010	N43.52.706 W110.28.549
		<i>Geum triflorum</i>	Blackfoot	0524383 4834094	6550	N43.39.57 W110.41.870
		<i>Geum</i>	Blackfoot	0524383 4834094	6550	N43.39.57 W110.41.870
		<i>Potentilla</i>	Blackfoot, Gosuite	0504300 4852900	6767	N43.49.690 W110.29.927
		<i>Prunus virginiana</i>	Blackfoot, Shoshoni, Plains	0528792 4865380	6880	N43.94.099 W110.64.126
		<i>Purshia tridentata</i>	Shoshoni	0530112 4845419	6658	N43.45.675 W110.37.560
		<i>Purshia tridentata</i>	Shoshoni	0531210 4852198	6907	N43.49.330 W110.36.713
		<i>Rosa woodsii</i>	Arapaho, Blackfoot, Crow, Shoshoni	0504300 4852900	6767	N43.49.690 W110.29.927
		<i>Rubus parviflorus</i>	Blackfoot	0540619 4858956	7127	N43.52.955 W110.29.927
35	Salicaceae	<i>Salix</i>	Blackfoot, Crow,	0535805 4856073	6773	N43.51.411 W110.33.267

				Shoshoni			
36	Scrophulariaceae	<i>Castilleja</i>		Blackfoot, Shoshoni	0528853 4865128	6875	N43.56.322 W110.38.432
		<i>Mimulus</i>		Shoshoni	0517164 4885688	7301	N44.07.457 W110.47.135
		<i>Pedicularis</i>	<i>groenlandica</i>		0531562 4858602	6823	N43.52.790 W110.36.427
		<i>Pedicularis</i>	<i>groenlandica</i>		0531562 4858602	6823	N43.52.790 W110.36.427
37	Typhaceae	<i>Typha</i>		Blackfoot, Rocky Mountain	0526333 4871225	6940	N43.59.622 W110.40.296
38	Urticaceae	<i>Urtica</i>		Shoshoni	0540619 4858956	7127	N43.52.955 W11029.661
39	Valerianaceae	<i>Valeriana</i>	<i>edulis</i>	Blackfoot	0540710 4858305	7127	N43.52.595 W110.29.593
		<i>Valeriana</i>	<i>edulis</i>	Blackfoot	0524546 4882455	6830	N44.05.698 W110.41.602