



**Site Conservation Planning:
Palouse Region Atlas
and Floristic Review**

Appendix C: Palouse Species Lists

Prepared for Region 1, USFWS

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Appendix C

Palouse Site Species Lists

The following species lists document site visits to Palouse sites, including surveys for rare plants. These should be regarded as preliminary, often representing a single visit; it is our intention for these to be used as references to be refined and added to in subsequent work. Because of time constraints, species identification may be unconfirmed, or plants may appear outside of published descriptions; notes on these observations are also included in some cases, in hope that these questions can be resolved in later visits. If collections were made they are also noted.

The following sites, arranged alphabetically, are included in the following compilation of species lists:

site name	location	survey dates	surveyor(s)	ownership
Clarkston	T11N R46E Section 16	May 8, 2007	Arnett	Washington DNR
Fairchild AFB, Vernal pools area at	T24N R41E Section 4	June 23 and 24 and August 25 and 25, 2008	Arnett and Beck	U. S. Air Force
George Creek	T10N R45E Section 16	May 7, 2007	Arnett	Washington DNR
Hog Lake area,	T22N R40E Section 16	May 9, 2007	Arnett	Washington DNR
Kamiak Butte	T16N R45E Section 20	May 8, 2007	Arnett	Whitman County Parks
Nisqually John HMU	T12N R45E Section 19	May 25, 2006	Arnett and Birkhauser	U.S. Army Corps of Engineers
North Palouse River Rd	T17N R43E Section 36	May 16, 2007	Arnett	Washington DNR
Rattlesnake Road,	T17N R42E Section 16	May 17, 2007	Arnett	Washington DNR
Silcott	T11N R45E Section 16	May 24, 2006	Arnett and Birkhauser	Washington DNR
Smoot Hill	T15N R44E Section 2	September 3 and 4, 2008	Arnett	Washington State University
Steptoe Butte	T18N R44E Section 29	May 8, 2007; September 4, 2008	Arnett	Washington State Parks
Steptoe Canyon,	T12N R45E Section 16	May 8, 2007	Arnett	Washington DNR
Wawawai Canyon	T13N R43E Section 2	May 23, 2006	Arnett and Birkhauser	Whitman County Parks

Clarkston DNR land
T11N R46E Section 16

Arnett site visit, May 8, 2007

scientific name	Common name
<i>Balsamorhiza sagittata</i>	Arrow-leaf balsamroot
<i>Bromus cf. diandrus (B. rigidus)</i>	rippgut brome
<i>Bromus tectorum</i>	Cheat grass
<i>Carduus sp.</i>	thistle
<i>Celtis reticulata</i>	hackberry
<i>Ericameria nauseosa</i>	rubber rabbitbrush
<i>Eriogonum niveum</i>	snow desert-buckwheat
<i>Erodium cicutarium</i>	crane's-bill
<i>Opuntia polyacantha</i>	starvation cactus
<i>Plantago patagonica</i>	Indian-wheat
<i>Poa bulbosa</i>	bulbous bluegrass
<i>Pseudoroegneria spicata</i> (= <i>Agropyron spicatum</i>)	blue-bunch wheatgrass
<i>Rhus glabra</i>	smooth sumac
<i>Salsola tragus (=Salsola kali)</i>	Russian thistle
<i>Sambucus cerulea</i>	Blue elderberry
<i>Secale cereale</i>	cultivated rye
<i>Sisymbrium altissimum</i>	tumblemustard
<i>Thelypodium laciniatum var.</i> <i>laciniatum</i>	thick-leaved thelypody
<i>Verbascum thapsus</i>	common mullein

Fairchild Air Force Base

Vernal pool and biscuit and swale area

Sources

C: Florence Caplow studies 2002-2005

AB: Joe Arnett and Katy Beck June 23 and 24, 2008

A: Joe Arnett Aug. 25 and 26, 2008

scientific name	Common name	Source of record	collections
<i>Achillea millefolium</i>	yarrow	C, AB	
<i>Agoseris heterophylla</i>	annual agoseris	C, AB	
<i>Agropyron- rhizomatous</i>	wheatgrass	AB	
<i>Agrostis diogoensis = A. pallens</i>	thin bentgrass	AB	Arnett 2008
<i>Allium acuminatum</i>	taper-tip onion	AB	
<i>Allium columbianum</i>	Columbia onion	C, AB	Arnett 2008
<i>Alopecurus pratensis</i>	meadow foxtail	AB	
<i>Alopecurus saccatus</i>	saccate foxtail	C, AB	
<i>Amaranthus albus/graecizans</i>	prostrate pigweed	AB	
<i>Amaranthus spp</i>	pigweed	AB	
<i>Amsinckia lycopsoides</i>	tarweed fiddleneck	C	
<i>Amsinckia menziesii</i>	Menzies' fiddleneck	AB	
<i>Antennaria luzuloides</i>	woodrush pussy-toes	AB	
<i>Arnica sororia</i>	twin arnica	C, AB	
<i>Artemisia ludoviciana</i>	prairie sage	AB	
<i>Artemisia rigida</i>	stiff sage	AB	
<i>Asclepias speciosa</i>	showy milkweed	AB	
<i>Bromus japonicus (B. arvensis)</i>	field brome	AB	
<i>Bromus sp.</i>	brome	C, AB	
<i>Calamagrostis spp.</i>	reedgrass	C	
<i>Camassia spp</i>	blue camas	C, AB	
<i>Camissonia andina (tatacetifolia?)</i>	obscure suncup	C	
<i>Carex douglasii</i>	Douglas sedge	C, AB	
<i>Carex filifolia var. filifolia</i>	thread-leaf sedge	AB	
<i>Castilleja tenuis (Orthocarpus tenuis, O. hispidus)</i>	thin paintbrush	C, AB	
<i>Centaurium spp. prob pulchellum</i>	centaury	C, AB	Arnett 2008
<i>Chondrilla juncea</i>	rush skeletonweed	AB	
<i>Cirsium arvense</i>	Canada thistle	C, AB	
<i>Clarkia pulchella</i>	pink fairies	C, AB	
<i>Claytonia perfoliata (=Montia perfoliata)</i>	Miner's lettuce	C, AB	
<i>Collinsia parviflora</i>	blue-eyed Mary	C, AB	
<i>Collomia linearis</i>	Narrow-leaf collomia	C, AB	
<i>Convolvulus arvensis</i>	field morning-glory	C, AB	
<i>Conyza canadensis</i>	horseweed	AB	
<i>Crataegus douglasii var. douglasii</i>	Douglas hawthorn	A	

<i>Cuscuta occidentalis</i>	western madder	C	
<i>Cyperus aristatus</i>	awned flatsedge	C, AB	
<i>Danthonia intermedia</i>	timber oatgrass	C, AB	
<i>Daucus carota</i>	Queen Anne's lace	A	
<i>Delphinium burkei</i>	meadow larkspur	C, AB	
<i>Delphinium nuttallianum</i>	Upland larkspur	AB	
<i>Deschampsia danthoides</i>	annual hairgrass	C, AB	
<i>Dodecatheon</i>	shooting-star	AB	
<i>Dowlingia elegans</i>	showy dowingia	C, AB	
<i>Draba verna</i>	spring whitlow-grass	C, AB	
<i>Eleocharis palustris</i>	common spike-rush	C, AB	
<i>Elymus elymoides (Sitaneon hystrix)</i>	squirreltail	C, AB	
<i>Epilobium cf paniculatum, but seeds appear smooth in poor light)</i>	willowherb	A	
<i>Epilobium torreyi (Boisduvalia stricta)</i>	Torrey's willowherb	C, AB	
<i>Erigeron subtrinervis</i>	three-veined fleabane	C, AB	
<i>Euphorbia serpyllifolia</i>	thyme-leaf euphorbia	C, AB	
<i>Frasera</i>	frasera	AB	
<i>Gaillardia aristata</i>	Blanket-flower	C, AB	
<i>Galium aparine</i>	Cleavers	AB	
<i>Galium boreale</i>	Northern bedstraw	AB	
<i>Geranium carolinianum</i>	Carolina geranium	C, AB	
<i>Geum triflorum</i>	Prairie smoke	AB	
<i>Gnaphalium palustre</i>	lowland cudweed	C, AB	
<i>Gratiola ebracteata</i>	bractless hedge-hyssop	C, AB	
<i>Grindelia nana var. nana (but invol resinous, usu 12 rays, achenes usu with small knobs)</i>	gumweed	A	
<i>Grindelia columbiana</i>	Columbia gumweed	C, AB	
<i>Heterocodon rariflorum</i>	heterocodon	C, AB	
<i>Heuchera</i>	alumroot	A	
<i>Hieracium cynoglossoides</i>	houndstongue hawkweed	AB	
<i>Hordeum murinum ssp.leporinum</i>	mouse barley	AB	
<i>Hypericum annual</i>	St. John's-wort	AB	
<i>Hypericum perforatum</i>	Klamath weed	C, AB	
<i>Iris missouriensis</i>	western blue-flag	C, AB	
<i>Isoetes cf. howellii</i>	quillwort	AB	Arnett 2008
<i>Juncus brachyphyllus</i>	short-leaved rush	C, AB	
<i>Juncus bufonius var. bufonius</i>	toad rush	AB, C	Arnett 2008
<i>Juncus confusus</i>	Colorado rush	AB	Arnett 2008-302
<i>Juncus uncialis</i>	inch-high rush	C	
<i>Lactuca pulchella</i>	Blue lettuce	A	
<i>Lactuca serriola</i>	prickly lettuce	AB	
<i>Lepidium perfoliatum</i>	clasping pepperweed	C	
<i>Leymus cinereus (Elymus cinereus)</i>	Great Basin wildrye	AB	
<i>Limosella acaulis</i>	mudwort	C	
<i>Linaria dalmatica ssp. dalmatica</i>	Dalmatian toadflax	C, AB	
<i>Lithophragma parviflora</i>	Small-flowered prairie-star	C, AB	
<i>Lithospermum ruderales</i>	Columbia puccoon	AB	

<i>Lotus purshiana</i>	Spanish-clover	C, AB	
<i>Lupinus sericeus</i>	silky lupine	AB	
<i>Madia exigua</i>	little tarweed	C, AB	
<i>Madia glomerata</i>	mountain tarweed	C, AB	
<i>Madia gracilis</i> (heads not glomerate, ca 8 rays)	slender tarweed	C, AB	
<i>Medicago lupulina</i>	black medic	A	
<i>Melilotus officinalis</i>	sweetclover	C, AB	
<i>Mimulus breviflorus</i>	short-flower monkey-flower	C, AB	
<i>Montia linearis</i>	narrow-leaved montia	C, AB	
<i>Myosotis micrantha</i>	blue forget-me-not	C, AB	
<i>Myosurus aristatus</i>	bristly mousetail	C	
<i>Myosurus clavicaulis</i>	mousetail	C	
<i>Myosurus minimus</i>	least mouse-tail	C, AB	
<i>Navarettia intertexta</i> var. <i>propinqua</i>	needle-leaf navarettia	C, AB	
<i>Navarettia leucocephala</i>	whitehead navarettia	C, AB	
<i>Navarettia</i> species with large leaves, not flowering, prostrate branches	Navarettia	AB	
<i>Oenothera tanacetifolia</i>	evening-primrose	C, AB	
<i>Orthocarpus</i>	owclover	AB	
<i>Panicum capillare</i> ssp. <i>capillare</i>	witchgrass, common panic grass	AB	
<i>Parietaria pensylvanica</i>	pellitory	AB	
<i>Perideridia gairdneri</i>	yampah	C, AB	
<i>Phalaris arundinacea</i>	reed canarygrass	AB	
<i>Phlox gracilis</i> (=Microsteris <i>gracilis</i>)	annual phlox	C	
<i>Phlox longifolia</i>	long-leaf phlox	AB	
<i>Pilularia americana</i>	American pillwort	C	
<i>Plagiobothrys leptocladus</i>	slender-branch popcorn- flower	C, AB	
<i>Plagiobothrys scouleri</i>	Scouler's popcorn-flower	C, AB	
<i>Poa bulbosa</i>	bulbous bluegrass	C, AB	
<i>Poa compressa</i>	flat-stem bluegrass	AB	
<i>Poa secunda</i> (=Poa <i>sandbergii</i>)	Sandberg's bluegrass	AB	
<i>Polygonum</i>	knotweed	A	Arnett 2008- 300
<i>Polygonum achoreum</i>	doorweed	C	
<i>Polygonum aviculare</i>	prostrate knotweed	AB	
<i>Polygonum large reflexed</i>	knotweed	AB	
<i>Polygonum majus</i>	wiry knotweed	C, AB	
<i>Polygonum polygaloides</i> ssp <i>confertiflorum</i>	close-flowered knotweed	C	
<i>Polygonum polygaloides</i> ssp <i>polygaloides</i>	white-margined knotweed	C, AB	
<i>Polygonum</i> : sim to <i>P. californicum</i> (but out of range) or <i>P. engelmannii</i> (but fls single)	buckwheat	A	
<i>Potentilla gracilis</i>	graceful cinquefoil	C, AB	
<i>Pseudoroegneria spicata</i> (=Agropyron <i>spicatum</i>)	blue-bunch wheatgrass	C, AB	
<i>Psilocarpus brevissimus</i>	dwarf woolly-heads	C, AB	

<i>Ranunculus</i>	buttercup	C	
<i>Ranunculus glaberrimus</i>	Sagebrush buttercup	AB	
<i>Ribes aureus (probably)</i>	golden currant	A	
<i>Rorippa</i>	yellowcress	AB	
<i>Rosa woodsii</i>	Wood's rose	AB	
<i>Rumex</i>	dock	C, AB	
<i>Rumex cf. occidentalis</i>	western dock	AB	
<i>Rumex crispus</i>	curly dock	C, AB	
<i>Sanguisorba occidentalis</i>	western burnett	C, AB	
<i>Sclerolinon digynum</i>	northwestern yellowflax	C, AB	
<i>Senecio foetidus var. hydrophiloides</i>	sweet-marsh butterweed	C, AB	
<i>Silene cseri</i>	catchfly	AB	
<i>Silene spaldingii</i>	Spalding's catchfly	A	
<i>Sisymbrium altissimum</i>	tumblemustard	C, AB	
<i>Sisymbrium sp.</i>	tumblemustard	AB	
<i>Solidago</i>	goldenrod	A	Arnett 2008-301
<i>Solidago missouriensis var. fasciculata</i>	goldenrod	A	
<i>Stellaria longipes</i>	longstalk starwort	C	
<i>Trichostema oblongum</i>	mountain blue-curls	AB	
<i>Trifolium cythathiferum</i>	cup clover	C, AB	
<i>Trifolium dubium</i>	least hop clover	AB	
<i>Trifolium microcephalum</i>	small-head clover	AB	
<i>Ventenata dubia</i>	ventenata	C, AB	
<i>Verbascum thapsus</i>	common mullein	AB	
<i>Veronica peregrina var. xalapensis</i>	purslane speedwell	C, AB	
<i>Zygadenus paniculatus</i>	paniculate death-camas	AB	

George Creek
DNR land, T10NR45ES16

Arnett site visit, May 7, 2007

scientific name	Common name
<i>Achillea millefolium</i>	yarrow
<i>Agropyron cristatum</i>	crested wheatgrass
<i>Amelanchier alnifolia</i>	serviceberry
<i>Amsinckia lycopsoides</i>	tarweed fiddleneck
<i>Bromus tectorum</i>	Cheat grass
<i>Calochortus sp.</i>	mariposa
<i>Cardaria sp.</i>	white-top
<i>Celtis reticulata</i>	hackberry
<i>Chorispora tenella</i>	blue mustard
<i>Chrysothamnus viscidiflorus</i>	sticky rabbitbrush
<i>Cichorium intybus*</i>	chicory
<i>Cirsium undulatum</i>	wavy-leaf thistle
<i>Dipsaucus sylvestris</i>	
<i>Ericameria nauseosa</i>	rubber rabbitbrush
<i>Eriogonum sp.</i>	desert buckwheat
<i>Erodium cicutarium</i>	crane's-bill
<i>Festuca idahoensis</i>	Blue bunchgrass
<i>Fritillaria pudica</i>	Yellow bell
<i>Holosteum umbellatum</i>	
<i>Lamium amplexicaule</i>	henbit
<i>Lepidium latifolium</i>	
<i>Lepidium perfoliatum</i>	clasping pepperweed
<i>Lithophragma parviflora</i>	Small-flowered prairie-star
<i>Melilotus officinalis</i>	sweetclover
<i>Myosotis sp.</i>	
<i>Onopordum acanthium</i>	Scotch thistle
<i>Opuntia polyacantha</i>	starvation cactus
<i>Philadelphus lewisii</i>	Mock-orange
<i>Phlox longifolia</i>	long-leaf phlox

<i>Plantago patagonica</i>	Indian-wheat
<i>Plectritis macrocera</i>	
<i>Poa bulbosa</i>	bulbous bluegrass
<i>Poa cusickii</i>	Cusick's bluegrass
<i>Poa secunda</i> (=Poa sandbergii)	Sandberg's bluegrass
<i>Pseudoroegneria spicata</i> (=Agropyron spicatum)	blue-bunch wheatgrass
<i>Rhus glabra</i>	smooth sumac
<i>Rumex crispus</i>	curly dock
<i>Scutellaria angustifolia</i> ssp. <i>angustifolia</i>	narrow-leaved skullcap
<i>Sisymbrium altissimum</i>	tumblemustard
<i>Taraxacum officinale</i> *	Dandelion
<i>Tragopogon dubius</i> *	oysterplant
<i>Triteleia grandiflora</i> ssp. <i>grandiflora</i>	Douglas' brodiaea
<i>Valerianella</i>	
<i>Verbascum thapsus</i>	common mullein
<i>Vicia</i> sp.	vetch

Hog Lake Area

DNR land T22N R40E Section 16

Arnett site visit, May 9, 2007

scientific name	Common name	Hog Lake area DNR
<i>Amelanchier alnifolia</i>	serviceberry	A
<i>Allium</i> sp.	onion	A
<i>Artemisia rigida</i>	stiff sage	A
<i>Balsamorhiza sagittata</i>	Arrow-leaf balsamroot	A
<i>Besseya rubra</i>	red besseya	A
<i>Camassia quamash</i>	blue camas	A
<i>Cirsium undulatum</i>	wavy-leaf thistle	A
<i>Collinsia parviflora</i>	blue-eyed Mary	A
<i>Draba verna</i>	spring whitlow-grass	A
<i>Eriogonum heracleoides</i>	Parsnip-flowered buckwheat	A
<i>Fragaria virginiana</i>	Woods strawberry	A
<i>Fritillaria pudica</i>	Yellow bell	A
<i>Galium aparine</i>	Cleavers	A
<i>Geum triflorum</i>	Prairie smoke	A
<i>Hesperochiron</i>	hesperochiron	A
<i>Holosteum umbellatum</i>	jagged chickweed	A
<i>Idahoia scapigera</i>	scalepod	A
<i>Iris missouriensis</i>	western blue-flag	A
<i>Lewisia rediviva</i>	bitterroot	A
<i>Linaria dalmatica</i> ssp. <i>dalmatica</i>	Dalmatian toadflax	A
<i>Lithophragma parviflora</i>	Small-flowered prairie-star	A
<i>Lithospermum arvense</i>	corn gromwell	A
<i>Lithospermum ruderale</i>	Columbia puccoon	A
<i>Lomatium dissectum</i>	Fern-leaf biscuit-root	A
<i>Lomatium triternatum</i>	Nine-leaf lomatium	A
<i>Montia linearis</i>	narrow-eaf montia	A
<i>Nuphar polysepalum</i>	yellow pond lily	A
<i>Phalaris arundinacea</i>	reed canarygrass	A

<i>Philadelphus lewisii</i>	Mock-orange	A
<i>Phlox gracilis</i> (=Microsteris gracilis)	annual phlox	A
<i>Phlox longifolia</i>	long-leaf phlox	A
<i>Poa bulbosa</i>	bulbous bluegrass	A
<i>Populus tremuloides</i>	quaking aspen	A
<i>Potentilla glandulosa</i>	sticky cinquefoil	A
<i>Potentilla gracilis</i>	graceful cinquefoil	A
<i>Pseudoroegneria spicata</i> (=Agropyron spicatum)	blue-bunch wheatgrass	A
<i>Rosa woodsii</i>	Wood's rose	A
<i>Saxiifraga integrifolia</i> var. <i>apetala</i>	swamp saxifrage	A
<i>Sisymbrium altissimum</i>	tumblemustard	A
<i>Symphoricarpos albus</i>	common snowberry	A
<i>Taraxacum officinale</i> *	Dandelion	A
<i>Trifolium macrocephalum</i>	big-headed clover	A
<i>Triteleia grandiflora</i> ssp. <i>grandiflora</i>	Douglas' brodiaea	A
<i>Typha latifolia</i>	cat-tails	A
<i>Verbascum thapsus</i>	common mullein	A
<i>Viola adunca</i>	early blue violet	A
<i>Woodsia oregana</i>	woodsia	A
<i>Zygadenus</i>	death camas	A

Kamiak Butte

Sources

WNPS: on-line list, accessed 5-12-07

A: Arnett site visits May 8 and 16, 2007

scientific name	Common name	Source of record
<i>Abies grandis</i>	grand fir	WNPS, A
<i>Acer glabrum</i>	Rocky Mountain maple	A
<i>Acer negundo*</i>	box elder	WNPS
<i>Acer platanoides</i>	Norway maple	A
<i>Achillea millefolium</i>	yarrow	WNPS, A
<i>Agoseris heterophylla</i>	annual agoseris	WNPS
<i>Allium acuminatum</i>	taper-tip onion	WNPS
<i>Alyssum alyssoides*</i>	pale alyssum	WNPS
<i>Amelanchier alnifolia</i>	serviceberry	WNPS, A
<i>Anaphalis margaritacea</i>	pearly everlasting	WNPS
<i>Anemone piperi</i>	Piper's anemone	WNPS, A
<i>Antennaria luzuloides</i>	woodrush pussy-toes	WNPS, A
<i>Antennaria microphylla</i>	rosy pussy-toes	WNPS
<i>Antennaria racemosa</i>	raceme pussy-toes	WNPS, A
<i>Anthemis cotula*</i>	dog fennel	WNPS
<i>Apocynum androsaemifolium</i>	spreading dogbane	WNPS
<i>Arabis sparsiflora</i>	sicklepod rockcress	WNPS, A
<i>Arnica cordifolia</i>	Heart-leaf arnica	WNPS, A
<i>Artemisia absinthium*</i>	Absinthe wormwood	WNPS
<i>Aster conspicuus</i>	showy aster	WNPS
<i>Aster eatonii</i>	Eaton's aster	WNPS
<i>Astragalus arrectus</i>	Palouse milkvetch	WNPS
<i>Astragalus canadensis</i>	Canada milk-vetch	WNPS
<i>Athysanus pusillus</i>	sandweed	WNPS
<i>Balsamorhiza sagittata</i>	Arrow-leaf balsamroot	WNPS, A
<i>Barbarea orthoceras</i>	American wintercress	WNPS, A
<i>Besseyia rubra</i>	red besseya	WNPS, A
<i>Bromus briziformis (B. brizaeformis)*</i>	Rattlesnake grass	WNPS
<i>Bromus carinatus</i>	California brome	WNPS
<i>Bromus tectorum</i>	Cheat grass	WNPS, A
<i>Calochortus elegans</i>	northwest mariposa	WNPS
<i>Calochortus macrocarpus</i>	sagebrush mariposa	WNPS
<i>Calypso bulbosa</i>	Fairy slipper	WNPS, A
<i>Camassia spp</i>	blue camas	A
<i>Campanula rapunculoides*</i>	creeping bellflower	WNPS
<i>Capsella bursa-pastoris*</i>	shepherd's purse	WNPS

<i>Carex concinnoides</i>	northwest sedge	WNPS
<i>Carex geyeri</i>	elk sedge	WNPS, A
<i>Carex rossii</i>	Ross's sedge	A
<i>Castilleja hispida</i>	harsh paintbrush	WNPS, A
<i>Castilleja miniata</i>	scarlet paintbrush	WNPS
<i>Ceanothus velutinus</i>	snowbrush	WNPS
<i>Cerastium vulgatum*</i>	mouse-ear chickweed	WNPS
<i>Circaea alpina</i>	enchanter's nightshade	A
<i>Cirsium vulgare*</i>	bull thistle	WNPS
<i>Claytonia lanceolata</i>	western spring beauty	WNPS, A
<i>Claytonia perfoliata (=Montia perfoliata)</i>	Miner's lettuce	WNPS, A
<i>Clematis hirsutissima</i>	sugarbowl	A
<i>Collomia grandiflora</i>	Large-flowered collomia	WNPS
<i>Collomia linearis</i>	Narrow-leaf collomia	WNPS
<i>Commandra umbellata</i>	Bastard toad-flax	WNPS
<i>Crataegus douglasii var. douglasii</i>	Douglas hawthorn	A
<i>Crepis atrabarba</i>	slender hawkbeard	WNPS
<i>Cynoglossum officinale*</i>	Common hound's-tongue	WNPS, A
<i>Cypripedium montanum</i>	mountain lady-slipper	A
<i>Cystopteris fragilis</i>	Fragile fern	WNPS, A
<i>Dactylis glomerata*</i>	orchard grass	WNPS
<i>Delphinium nuttallianum</i>	Upland larkspur	WNPS, A
<i>Digitalis purpurea*</i>	foxglove	WNPS
<i>Disporum trachycarpum</i>	Sierra fairy-bell	WNPS, A
<i>Dodecatheon cusickii</i>	Cushick's shooting-star	A
<i>Draba verna</i>	spring whitlow-grass	A
<i>Dryopteris felix-mas</i>	male fern	A
<i>Elymus glaucus</i>	blue wildrye	WNPS
<i>Epilobium angustifolium</i>	fireweed	WNPS
<i>Eremogone congesta (Arenaria congesta)</i>	dense-flowered sandwort	WNPS
<i>Erigeron corymbosus</i>	foothill daisy	WNPS
<i>Eriogonum heracleoides</i>	Parsnip-flowered buckwheat	WNPS
<i>Erythronium grandiflorum</i>	Glacier lily	WNPS, A
<i>Festuca idahoensis</i>	Blue bunchgrass	WNPS, A
<i>Fragaria virginiana</i>	Woods strawberry	WNPS, A
<i>Frasera fastigiata</i>	Clustered fraseria	WNPS, A
<i>Fritillaria pudica</i>	Yellow bell	WNPS, A
<i>Gaillardia aristata</i>	Blanket-flower	WNPS
<i>Galium aparine</i>	Cleavers	WNPS
<i>Galium boreale</i>	Northern bedstraw	WNPS
<i>Geranium viscosissimum</i>	Sticky geranium	WNPS
<i>Geum triflorum</i>	Prairie smoke	WNPS
<i>Habenaria elegans</i>	Elegant rein-orchid	WNPS
<i>Haplopappus carthemoides</i>	Large-flowered goldenweed	WNPS
<i>Helianthella uniflora</i>	Little-sunflower	WNPS

<i>Heracleum lanatum</i>	Cow parsnip	WNPS
<i>Heuchera cylindrica</i>	Lava alumroot	WNPS, A
<i>Hieracium albertinum</i>	western hawkweed	WNPS
<i>Hieracium albiflorum</i>	White-flowered hawkweed	WNPS
<i>Hieracium</i> sp.	hawksbeard	A
<i>Holodiscus discolor</i>	oceanspray	WNPS, A
<i>Hydrophyllum capitatum</i>	Woolly breeches	WNPS, A
<i>Hypericum perforatum</i>	Klamath weed	WNPS
<i>Ipomopsis aggregata</i>	Skyrocket	WNPS, A
<i>Lactuca pulchella</i>	Blue lettuce	WNPS
<i>Larix occidentalis</i>	Western larch	WNPS, A
<i>Lithophragma bulbifera</i>	Slender prairie-star	WNPS, A
<i>Lithophragma parviflora</i>	Small-flowered prairie-star	WNPS, A
<i>Lithospermum ruderale</i>	Columbia puccoon	WNPS
<i>Lomatium dissectum</i>	Fern-leaf biscuit-root	WNPS, A
<i>Lomatium gormanii</i>	Gorman's desert-parsley	WNPS
<i>Lomatium grayi</i>	Gray's desert-parsley	WNPS, A
<i>Lomatium macrocarpum</i>	Large-fruited lomatium	WNPS, A
<i>Lomatium triternatum</i>	Nine-leaf lomatium	WNPS, A
<i>Lupinus polyphyllus</i>	big-leaf lupine	WNPS
<i>Lupinus sericeus</i>	silky lupine	WNPS
<i>Luzula campestris</i>	Field woodrush	WNPS
<i>Maianthemum racemosa</i> (=Smilacina racemosa)	False Solomon's seal	WNPS, A
<i>Maianthemum stellata</i> (=Smilacina stellata)	Star-flowered Solomon's seal	WNPS, A
<i>Marah oregana</i>	Oregon man-root	A
<i>Matricaria matricarioides</i> *	pineapple weed	WNPS
<i>Mertensia longiflora</i>	small bluebells	WNPS, A
<i>Microseris nutans</i>	nodding microseris	WNPS
<i>Microsteris gracilis</i>	pink microsteris	WNPS
<i>Moehringia macrophylla</i> (Arenaria macrophylla)	large-leaf sandwort	WNPS, A
<i>Myosotis micrantha</i>	blue forget-me-not	WNPS, A
<i>Nepeta cataria</i> *	catnip	WNPS
<i>Olsynium inflatum</i> (=Sisyrinchium inflatum)	purple-eyed grass	WNPS
<i>Orobanche uniflora</i>	naked broom-rape	WNPS
<i>Osmorhiza chilensis</i>	mountain sweet-cicely	WNPS, A
<i>Penstemon attenuatus</i>	sulfur penstemon	WNPS
<i>Philadelphus lewisii</i>	Mock-orange	WNPS, A
<i>Phleum pratense</i> *	timothy	WNPS
<i>Phlox speciosa</i>	Showy phlox	WNPS
<i>Physocarpus malvaceus</i>	Mallow ninebark	WNPS, A
<i>Pinus ponderosa</i>	Ponderosa pine	WNPS, A
<i>Plantago major</i> *	common plantain	WNPS
<i>Poa bulbosa</i>	bulbous bluegrass	WNPS, A
<i>Poa nervosa</i>	Hooker's bluegrass	WNPS
<i>Poa secunda</i> (=Poa sandbergii)	Sandberg's bluegrass	WNPS, A

<i>Poa, rhizomatous</i>	bluegrass	A
<i>Polygonum convolvulus*</i>	black bindweed	WNPS
<i>Polypodium hesperium</i>	polypody	WNPS
<i>Polystichum munitum</i>	sword fern	WNPS
<i>Populus tremuloides</i>	quaking aspen	WNPS, A
<i>Potentilla glandulosa</i>	sticky cinquefoil	WNPS
<i>Potentilla gracilis</i>	graceful cinquefoil	WNPS
<i>Prunella vulgaris</i>	self-heal	WNPS
<i>Prunus emarginata</i>	bitter cherry	WNPS, A
<i>Prunus virginiana</i>	chokecherry	WNPS, A
<i>Pseudoroegneria spicata</i> (=Agropyron <i>enicatum</i>)	blue-bunch wheatgrass	WNPS, A
<i>Pseudotsuga menziesii</i>	Douglas-fir	WNPS, A
<i>Pteridium aquilinum</i>	Bracken	WNPS
<i>Ranunculus glaberrimus</i>	Sagebrush buttercup	WNPS
<i>Ranunculus testiculatus</i>	hornseed buttercup	WNPS
<i>Ranunculus uncinatus</i>	Little buttercup	WNPS
<i>Ribes viscosissimum</i>	Sticky currant	WNPS
<i>Rosa gymnocarpa</i>	Baldhip rose	WNPS
<i>Rosa nutkana</i>	Nootka rose	WNPS
<i>Rubus parviflorus</i>	Thimbleberry	WNPS, A
<i>Salix rigida</i>	Mackenzie willow	WNPS
<i>Salix scouleriana</i>	Scouler willow	WNPS, A
<i>Sambucus cerulea</i>	Blue elderberry	WNPS
<i>Sedum stenopetalum</i>	worm-leaf stonecrop	WNPS
<i>Senecio integerrimus</i>	western groundsel	WNPS, A
<i>Senecio serra</i>	Tall butterweed	WNPS
<i>Silene douglasii</i>	Douglas' silene	WNPS
<i>Silene menziesii</i>	Menzies' silene	WNPS
<i>Solidago canadensis</i>	meadow goldenrod	WNPS
<i>Solidago missouriensis</i>	Missouri goldenrod	WNPS
<i>Spiraea betulifolia</i>	birch-leafed spirea	WNPS
<i>Stellaria media*</i>	common chickweed	WNPS
<i>Symphoricarpos albus</i>	common snowberry	WNPS, A
<i>Synthyris missurica</i>	mountain kittentails	WNPS
<i>Tanacetum vulgare*</i>	Common tansy	WNPS
<i>Taraxacum officinale*</i>	Dandelion	WNPS
<i>Thalictrum occidentale</i>	Western meadowrue	WNPS, A
<i>Tragopogon dubius*</i>	oysterplant	WNPS
<i>Trifolium hybridum*</i>	Alsike clover	WNPS
<i>Trifolium repens*</i>	White clover	WNPS
<i>Trillium ovatum</i>	White trillium	WNPS, A
<i>Triteleia grandiflora</i> ssp. <i>grandiflora</i>	Douglas' brodiaea	WNPS
<i>Urtica dioica</i>	stinging nettle	A
<i>Vaccinium globulare</i>	globe huckleberry	WNPS
<i>Vaccinium membranaceum</i>	thin-leaved huckleberry	A

<i>Veratrum californicum</i>	California false hellebore	WNPS
<i>Verbascum thapsus</i>	common mullein	WNPS
<i>Veronica chamaedrys</i>	Germander speedwell	A
<i>Vicia villosa</i> *	hairy vetch	WNPS
<i>Viola</i>	violet	A
<i>Viola adunca</i>	early blue violet	WNPS, A
<i>Wyethia amplexicaulis</i>	northern mule's ears	WNPS
<i>Zigadenus venenosus</i>	meadow death camas	WNPS, A

Nisqually John WMU

Arnett and Birkhauser May 25, 2006

scientific name	Common name
<i>Achillea millefolium</i>	yarrow
<i>Allium acuminatum</i>	taper-tip onion
<i>Alnus rhombifolia</i>	white alder
<i>Amelanchier alnifolia</i>	serviceberry
<i>Amsinckia lycopsoides</i>	tarweed fiddleneck
<i>Amsinckia retrorsa</i>	fiddleneck
<i>Anthriscus caucaulis</i>	chervil
<i>Arctium minus</i>	burdock
<i>Arenaria serpyllifolia</i>	thyme-leaved sandwort
<i>Artemisia rigida</i>	stiff sage
<i>Artemisia vulgaris</i>	mugwort
<i>Asclepias speciosa</i>	showy milkweed
<i>Astragalus purshii</i>	woolly-pod milkvech
<i>Astragalus riparius</i>	Piper's milkvetch
<i>Balsamorhiza sagittata</i>	Arrow-leaf balsamroot
<i>Bromus hordeaceus (B. mollis)</i>	soft chess
<i>Bromus sterilis</i>	poverty brome
<i>Bromus tectorum</i>	Cheat grass
<i>Camelina microcarpa</i>	hairy falseflax
<i>Chrysothamnus viscidiflorus</i>	sticky rabbitbrush
<i>Cirsium undulatum</i>	wavy-leaf thistle
<i>Commandra umbellata</i>	Bastard toad-flax
<i>Convolvulus arvensis</i>	field morning-glory
<i>Cynoglossum officinale*</i>	Common hound's-tongue
<i>Dactylis glomerata*</i>	orchard grass
<i>Dipsaucus sylvestris</i>	teasel
<i>Draba verna</i>	spring whitlow-grass
<i>Ericameria nauseosa</i>	rubber rabbitbrush
<i>Eriogonum niveum</i>	snow desert-buckwheat

<i>Erodium cicutarium</i>	crane's-bill
<i>Festuca idahoensis</i>	Blue bunchgrass
<i>Fritillaria pudica</i>	Yellow bell
<i>Gaillardia aristata</i>	Blanket-flower
<i>Galium sp</i>	bedstraw
<i>Geum triflorum</i>	Prairie smoke
<i>Grindelia nana</i> var. <i>nana</i> (but invol resinous, usu 12 rays, achenes usu with small knobs)	gumweed
<i>Heuchera cylindrica</i>	Lava alumroot
<i>Hordeum sp.</i>	barley
<i>Koeleria macrantha</i> (<i>K. cristata</i>)	prairie Junegrass
<i>Lepidium perfoliatum</i>	clasping pepperweed
<i>Linum perenne</i>	flax
<i>Lithospermum arvense</i>	corn gromwell
<i>Lithospermum ruderales</i>	Columbia puccoon
<i>Lomatium dissectum</i>	fern-leaf biscuit-root
<i>Lomatium macrocarpum</i>	large-fruited lomatium
<i>Lupinus sericeus</i>	silky lupine
<i>Lupinus</i> : best fit is <i>L. sericeus</i> var. <i>asotinensis</i> ; flowers white to pale yellow, but leaf and pubescence intermediate between this and <i>L.</i> <i>sabinii</i> . Need to confirm ID.	lupine
<i>Madia gracilis</i>	slender tarweed
<i>Myosotis discolor</i>	blue and yellow forget-me- not
<i>Opuntia polyacantha</i>	starvation cactus
<i>Phacelia heterophylla</i> var. <i>heterophylla</i>	virgate phacelia
<i>Philadelphus lewisii</i>	mock-orange
<i>Phlox longifolia</i>	long-leaf phlox
<i>Plantago patagonica</i>	Indian-wheat
<i>Plectritis macrocera</i>	white plectritis
<i>Poa bulbosa</i>	bulbous bluegrass
<i>Populus nigra "italica"</i>	lombard poplar
<i>Pseudoroegneria spicata</i> (= <i>Agropyron spicatum</i>)	blue-bunch wheatgrass
<i>Rorippa nasturtium-aquaticum</i>	watercress

<i>Rosa nutkana</i>	Nootka rose
<i>Rubus armeniacus</i>	Himalayan blackberry
<i>Rumex crispus</i>	curly dock
<i>Salsola tragus</i> (= <i>Salsola kali</i>)	Russian thistle
<i>Scutellaria angustifolia</i> ssp. <i>angustifolia</i>	narrow-leaved skullcap
<i>Selaginella wallacei</i>	Wallace's selaginella
<i>Senecio integerrimus</i>	western groundsel
<i>Sisymbrium altissimum</i>	tumblemustard
<i>Symphoricarpos albus</i>	common snowberry
<i>Synthis</i>	kittentails
<i>Taraxacum officinale</i> *	Dandelion
<i>Thysanocarpus curvipes</i>	lacepod
<i>Tragopogon dubius</i> *	oysterplant
<i>Trifolium arvense</i>	hare's-foot
<i>Triteleia grandiflora</i> ssp. <i>grandiflora</i>	Douglas' brodiaea
<i>Urtica dioica</i>	stinging nettle
<i>Verbascum thapsus</i>	common mullein
<i>Veronica anagallis-aquatica</i>	blue water speedwell
<i>Vicia villosa</i> *	hairy vetch
<i>Vulpia bromoides</i>	small fescue
<i>Woodsia oregana</i>	woodsia

North Palouse River Road
DNR land at T17N R43E Section 36

Arnett site visit, May 16, 2007

scientific name	Common name
<i>Achillea millefolium</i>	yarrow
<i>Allium acuminatum</i>	taper-tip onion
<i>Allium sp.</i>	onion
<i>Alopecurus pratensis</i>	meadow foxtail
<i>Amelanchier alnifolia</i>	serviceberry
<i>Amsinckia cf. retrorsa (intermedia?)</i> <i>pub not strongly dimorphic, corolla 5 mm, orange</i>	fiddleneck
<i>Amsinckia lycopsoides</i>	tarweed fiddleneck
<i>Anthriscus caucaulis</i>	chervil
<i>Apocynum androsaemifolium</i>	spreading dogbane
<i>Arctium minus</i>	burdock
<i>Artemesia absinthium*</i>	Absinthe wormwood
<i>Asclepias speciosa</i>	showy milkweed
<i>Balsamorhiza sagittata</i>	Arrow-leaf balsamroot
<i>Berberis repens</i>	creeping Oregon-grape
<i>Besseya rubra</i>	red besseya
<i>Bromus cf. carinatus</i>	California brome
<i>Bromus hordeaceus (B. mollis)</i>	soft chess
<i>Bromus tectorum</i>	Cheat grass
<i>Centaurea diffusa</i>	diffuse knapweed
<i>Cerastium viscosum</i>	sticky chickweed
<i>Chondrilla juncea</i>	rush skeletonweed
<i>Cirsium arvense</i>	Canada thistle
<i>Cirsium undulatum</i>	wavy-leaf thistle
<i>Conium maculatum</i>	poison-hemlock
<i>Convolvulus cf. nyctagineus</i>	night-blooming morning-glory
<i>Crataegus douglasii var. douglasii</i>	Douglas hawthorn
<i>Crataegus monogyna</i>	English hawthorn
<i>Cryptantha cf. flacicda</i>	weak-stemmed cryptantha
<i>Cryptantha intermedia</i>	common cryptantha

<i>Cynoglossum officinale</i> *	Common hound's-tongue
<i>Delphinium nuttallianum</i>	Upland larkspur
<i>Descurainia sp</i>	tansymustard
<i>Dipsaucus sylvestris</i>	teasel
<i>Draba verna</i>	spring whitlow-grass
<i>Equisetum laevigatum</i>	smooth scouring-rush
<i>Eriogonum heracleoides</i>	Parsnip-flowered buckwheat
<i>Erodium cicutarium</i>	crane's-bill
<i>Festuca idahoensis</i>	Blue bunchgrass
<i>Galium aparine</i>	Cleavers
<i>Geranium viscosissimum</i>	Sticky geranium
<i>Hieracium sp.</i>	hawksbeard
<i>Horkelia sp.</i>	horkelia
<i>Idahoia scapigera</i>	scalepod
<i>Iris missouriensis</i>	western blue-flag
<i>Lamium amplexicaule</i>	henbit
<i>Leymus cinereus (Elymus cinereus)</i>	Great Basin wildrye
<i>Lithophragma parviflora</i>	Small-flowered prairie-star
<i>Lithospermum arvense</i>	corn gromwell
<i>Lithospermum ruderale</i>	Columbia puccoon
<i>Lomatium dissectum</i>	Fern-leaf biscuit-root
<i>Lomatium grayi</i>	Gray's desert-parsley
<i>Lupinus sericeus var. sericeus</i>	silky lupine
<i>Malus - domestic</i>	apple
<i>Marah oregana</i>	Oregon man-root
<i>Mimulus guttatus</i>	seep monkey-flower
<i>Myosotis micrantha</i>	blue forget-me-not
<i>Phalaris arundinacea</i>	reed canarygrass
<i>Philadelphus lewisii</i>	mock-orange
<i>Phlox longifolia</i>	long-leaf phlox
<i>Poa bulbosa</i>	bulbous bluegrass
<i>Poa pratensis ssp. pratensis</i>	Kentucky bluegrass
<i>Populus balsamifera ssp. trichocarpa</i>	black cottonwood
<i>Potentilla</i>	cinquefoil
<i>Potentilla gracilis var. flabelliformis</i>	

<i>Pseudoroegneria spicata</i> (= <i>Agropyron spicatum</i>)	blue-bunch wheatgrass
<i>Rosa</i>	rose
<i>Sambucus cerulea</i>	Blue elderberry
<i>Sausseria americana?</i>	
<i>Scutellaria angustifolia</i> ssp. <i>angustifolia</i>	narrow-leaved skullcap
<i>Sisymbrium altissimum</i>	tumblemustard
<i>Symphoricarpos albus</i>	common snowberry
<i>Syringa</i> sp.	lilac
<i>Taraxacum officinale</i> *	Dandelion
<i>Tragopogon dubius</i> *	oysterplant
<i>Urtica dioica</i>	stinging nettle
<i>Valerianella</i>	corn-salad
<i>Veronica arvensis</i>	wall speedwell
<i>Veronica hederifolia</i> (<i>V.</i> <i>hederaefolia</i>)	ivy-leaf speedwell
<i>Vicia</i> sp.	vetch
<i>Zigadenus venenosus</i>	meadow death camas

Rattlesnake Road
DNR land at T17N R42E Section 16

Arnett site visit, May 17, 2007

scientific name	Common name
<i>Allium sp.</i>	onion
<i>Alopecurus pratensis</i>	meadow foxtail
<i>Amelanchier alnifolia</i>	serviceberry
<i>Amsinckia lycopsoides</i>	tarweed fiddleneck
<i>Amsinckia sp.</i>	fiddleneck
<i>Anthriscus caucalis</i>	chervil
<i>Arnica sp.</i>	arnica
<i>Balsamorhiza sagittata</i>	Arrow-leaf balsamroot
<i>Besseya rubra</i>	red besseya
<i>Bromus hordeaceus (B. mollis)</i>	soft chess
<i>Bromus tectorum</i>	Cheat grass
<i>Cardaria sp.</i>	white-top
<i>Carex sp.</i>	sedge
<i>Castillaja thompsonii</i>	Thompson's paintbrush
<i>Centaurea diffusa</i>	diffuse knapweed
<i>Cirsium sp.</i>	thistle
<i>Claytonia rubra</i>	red miner's-lettuce
<i>Collinsia parviflora</i>	blue-eyed Mary
<i>Conium maculatum</i>	poison-hemlock
<i>Convolvulus arvensis</i>	field morning-glory
<i>Crataegus douglasii var. douglasii</i>	Douglas hawthorn
<i>Cryptantha sp.</i>	cryptantha
<i>Descurainia sp</i>	tansymustard
<i>Dipsaucus sylvestris</i>	teasel
<i>Draba verna</i>	spring whitlow-grass
<i>Festuca idahoensis</i>	blue bunchgrass
<i>Frasera albicaulis</i>	white-stemmed frasera
<i>Geranium viscosissimum</i>	Sticky geranium
<i>Geum triflorum</i>	Prairie smoke
Grass: strongly secund, weedy	grass

<i>Helianthella</i> sp.	litle sunflower
<i>Heracleum lanatum</i>	cow parsnip
<i>Hieracium</i> sp.	hawkweed
<i>Holosteum umbellatum</i>	jagged chickweed
<i>Hordeum murinum</i> ssp. <i>glaucum</i>	mouse barley
<i>Iris missouriensis</i>	western blue-flag
<i>Koeleria macrantha</i> (<i>K. cristata</i>)	prairie Junegrass
<i>Lamium purpureum</i>	red henbit or dead-nettle
<i>Lepidium perfoliatum</i>	clasping pepperweed
<i>Leymus cinereus</i> (<i>Elymus cinereus</i>)	Great Basin wildrye
<i>Lithophragma parviflora</i>	small-flowered prairie-star
<i>Lithospermum arvense</i>	corn gromwell
<i>Lithospermum ruderale</i>	Columbia puccoon
<i>Lupinus sericeus</i>	silky lupine
<i>Lupinus</i> : keys to <i>L. wyethii</i> , but flts glab on upper surface, bristly on lower, stem not fistulose, fls 16 mm, purple even from distance, banner glab	Lupine; collections made
<i>Matricaria matricarioides</i> *	pineapple weed
<i>Myosotis micrantha</i>	blue forget-me-not
<i>Nepeta cataria</i> *	catnip
<i>Phlox gracilis</i> (= <i>Microsteris gracilis</i>)	annual phlox
<i>Phlox longifolia</i>	long-leaf phlox
<i>Pinus ponderosa</i>	Ponderosa pine
<i>Poa ampla</i> (part of <i>P. secunda</i>)	alkali bluegrass
<i>Poa bulbosa</i>	bulbous bluegrass
<i>Potentilla glandulosa</i>	sticky cinquefoil
<i>Potentilla gracilis</i>	graceful cinquefoil
<i>Prunus virginiana</i>	chokecherry
<i>Pseudoroegneria spicata</i> (= <i>Agropyron spicatum</i>)	blue-bunch wheatgrass
<i>Ribes aureum</i>	golden currant
<i>Rosa nutkana</i> var. <i>nutkana</i>	Nootka rose
<i>Rosa woodsii</i>	Wood's rose
<i>Salix exigua</i>	coyote willow
<i>Sausseria americana</i> ?	American sawwort
<i>Scirpus</i> , probably (lvs only)	bulrush

<i>Scutellaria angustifolia</i> ssp. <i>angustifolia</i>	narrow-leaved skullcap
<i>Senecio integerrimus</i>	western groundsel
<i>Sisymbrium altissimum</i>	tumblemustard
<i>Symphoricarpos albus</i>	common snowberry
<i>Tanacetum vulgare</i> *	Common tansy
<i>Taraxacum officinale</i> *	Dandelion
<i>Triteleia grandiflora</i> ssp. <i>grandiflora</i>	Douglas' brodiaea
<i>Valerianella</i>	corn-salad
<i>Verbascum thapsus</i>	common mullein
<i>Veronica americana</i>	American brooklime
<i>Vicia sativa</i>	common tare
<i>Zygadenus</i>	death camas

Silcott

DNR land at T11N R45E Section 16

Arnett and Birkhauser site visit, May 24, 2006

scientific name	common name	Silcott collections
<i>Achillea millefolium</i>	yarrow	
<i>Allium acuminatum</i>	taper-tip onion	
<i>Amelanchier alnifolia</i>	serviceberry	
<i>Amsinckia sp.</i>	fiddleneck	
<i>Amsinckia tessellata</i>	tessellate fiddleneck	
<i>Arenaria serpyllifolia</i>	thyme-leaved sandwort	
<i>Artemisia rigida</i>	stiff sage	
<i>Astragalus inflexus</i>	bent milkvetch	
<i>Astragalus purshii</i>	woolly-pod milkvech	
<i>Astragalus riparius</i>	Piper's milkvetch	
<i>Astragalus sp</i>	milkvetch	
<i>Balsamorhiza sagittata</i>	Arrow-leaf balsamroot	
<i>Bromus tectorum</i>	Cheat grass	
<i>Celtis reticulata</i>	hackberry	
<i>Centaurea diffusa</i>	diffuse knapweed	
<i>Chaenactis douglasii</i>	dusty miller	
<i>Cirsium undulatum</i>	wavy-leaf thistle	
<i>Cryptantha rostellata</i>	beaked cryptantha	Arnett 2006-55
<i>Cymopterus terebinthinus var. terebinthinus</i>	turpentine cymopterus	
<i>Ericameria nauseosa</i>	rubber rabbitbrush	
<i>Eriogonum niveum</i>	snow desert-buckwheat	
<i>Eriogonum sphaerocephalum var. sphaerocephalum</i>	rock buchwheat	
<i>Erodium cicutarium</i>	crane's-bill	
<i>Erysimum asperum</i>	rough wallflower	
<i>Hesperostipa</i>	needle-and-thread	
<i>Layia glandulosa</i>	white tidytips	
<i>Lepidium perfoliatum</i>	clasping pepperweed	
<i>Lesquerella</i>	bladderpod	

<i>Lupinus sericeus</i>	silky lupine	
<i>Medicago sativa</i>		
<i>Oenothera caespitosa</i> var. <i>emarginata</i>		
<i>Onopordum acanthium</i>	Scotch thistle	
<i>Opuntia polyacantha</i>	starvation cactus	
<i>Orobanche uniflora</i>	naked broom-rape	
<i>Penstemon triphyllus</i>	whorled penstemon	
<i>Petalostemon ornatum</i>		
<i>Phacelia heterophylla</i> var. <i>heterophylla</i>	virgate phacelia	
<i>Phlox longifolia</i>	long-leaf phlox	
<i>Physaria organa</i>		
<i>Plantago patagonica</i>	Indian-wheat	
<i>Poa bulbosa</i>	bulbous bluegrass	
<i>Polygonum annual</i>		Arnett 2006-57
<i>Prunus mahaleb</i> *	Mahaleb cherry	
<i>Pseudoroegneria spicata</i> (= <i>Agropyron spicatum</i>)	blue-bunch wheatgrass	
<i>Psoralea</i>		
<i>Rhus glabra</i>	smooth sumac	
<i>Rubus armeniacus</i>	Himalayan blackberry	
<i>Sambucus cerulea</i>	Blue elderberry	
<i>Scutellaria angustifolia</i> ssp. <i>angustifolia</i>	narrow-leaved skullcap	
<i>Selaginella wallacei</i>	Wallace's selaginella	
<i>Sisymbrium altissimum</i>	tumblemustard	
<i>Sphaeralcea monroana</i>	Munro's globe-mallow	
<i>Triteleia grandiflora</i> ssp. <i>grandiflora</i>	Douglas' brodiaea	
<i>Vicia villosa</i> *	hairy vetch	

Smoot Hill

Sources:

A: Sept 3 and 4, 2008,

B: WNHP Biotics database

scientific name	Common name	Smoot Hill	Smoot Hill collections
<i>Alopecurus pratensis</i>	meadow foxtail	A	
<i>Amelanchier alnifolia</i>	serviceberry	A	
<i>Apocynum androsaemifolium</i>	spreading dogbane	A	
<i>Aster sp.</i>	aster	A	Arnett 2008-303
<i>Berberis repens</i>	creeping Oregon-grape	A	
<i>Calamagrostis rubescens</i>	pinegrass	A	
<i>Carex geyeri</i>	elk sedge	A	
<i>Centureum solstitialis</i>	yellow star thistle	A	
<i>Chondrilla juncea</i>	rush skeletonweed	A	
<i>Cirsium undulatum</i>	wavy-leaf thistle	A	
<i>Crataegus douglasii var. douglasii</i>	Douglas hawthorn	A	
<i>Cynoglossum officinale*</i>	Common hound's-tongue	A	
<i>Dianthus armeria</i>	Deptford pink	A	
<i>Festuca idahoensis</i>	blue bunchgrass	A	
<i>Fritillaria pudica</i>	Yellow bell	A	
<i>Gaillardia aristata</i>	Blanket-flower	A	
<i>Galium boreale</i>	Northern bedstraw	A	
<i>Heuchera</i>	alumroot	A	
<i>Hieracium cynoglossoides</i>	houndstongue hawkweed	A	
<i>Hieracium sp.</i>	hawksbeard	A	
<i>Hypericum perforatum</i>	Klamath weed	A	
<i>Lupinus sp.</i>	lupine	A	
<i>Madia glomerata</i>	mountain tarweed	A	
<i>Perideridia gairdneri</i>	yampah	A	
<i>Phalaris arundinacea</i>	reed canarygrass	A	
<i>Phleum pratense*</i>	timothy	A	
<i>Physocarpus malvaceus</i>	Mallow ninebark	A	
<i>Pinus ponderosa</i>	Ponderosa pine	A	
<i>Platanthera</i>	rein orchid	A	

<i>Potentilla</i>	cinquefoil	A
<i>Pyrrocoma carthamoides</i>	Columbia goldenweed	A
<i>Pyrrocoma liatrifomis</i>	Palouse goldenweed	B
<i>Silene spaldingii</i>	Spalding's catchfly	B
<i>Solidago</i>	goldenrod	A
<i>Symphoricarpos albus</i>	common snowberry	A
<i>Vicia villosa</i> *	hairy vetch	A

Steptoe Butte

Arnett site visits May 8, 2007 and September 4, 2008

scientific name	Common name
<i>Acer glabrum</i>	Rocky Mountain maple
<i>Achillea millefolium</i>	yarrow
<i>Allium</i> sp.	onion
<i>Amelanchier alnifolia</i>	serviceberry
<i>Artemisia ludoviciana</i>	prairie sage
<i>Aster</i> sp.	aster
<i>Berberis repens</i>	creeping Oregon-grape
<i>Besseyia rubra</i>	red besseyia
<i>Centaurea diffusa</i>	diffuse knapweed
<i>Collinsia parviflora</i>	blue-eyed Mary
<i>Commandra umbellata</i>	bastard toad-flax
<i>Conyza canadensis</i>	horseweed
<i>Delphinium nuttallianum</i>	upland larkspur
<i>Dodecatheon cusickii</i>	Cusick's shooting-star
<i>Draba verna</i>	spring whitlow-grass
<i>Eriogonum</i> sp.	desert buckwheat
<i>Erodium cicutarium</i>	crane's-bill
<i>Festuca</i> cf. <i>campestris</i> (<i>F. scabrella</i>)	fescue
<i>Festuca idahoensis</i>	blue bunchgrass
<i>Frasera</i>	frasera
<i>Galium aparine</i>	cleavers
<i>Gentiana affinis</i>	pleated gentian
<i>Geranium</i> sp.	geranium
<i>Geum triflorum</i>	prairie smoke
<i>Grindelia</i> sp.	gumweed
<i>Hieracium</i> sp.	hawkweed
<i>Holosteum umbellatum</i>	jagged chickweed
<i>Linaria vulgaris</i>	common toadflax
<i>Lithophragma bulbifera</i>	slender prairie-star

<i>Lithophragma parviflora</i>	small-flowered prairie-star
<i>Lomatium dissectum</i>	fern-leaf biscuit-root
<i>Lomatium macrocarpum</i>	large-fruited lomatium
<i>Lomatium triternatum</i>	Nine-leaf lomatium
<i>Lupinus sp.</i>	lupine
<i>Maianthemum racemosa</i> (= <i>Smilacina racemosa</i>)	false Solomon's seal
<i>Mentha arvensis</i>	common field mint
<i>Microsteris gracilis</i>	pink microsteris
<i>Olsynium inflatum</i> (= <i>Sisyrinchium inflatum</i>)	purple-eyed grass
<i>Orobanche uniflora</i> - pale flowered	naked broom-rape
<i>Philadelphus lewisii</i>	mock-orange
<i>Phlox longifolia</i>	long-leaf phlox
<i>Plectritis macrocera</i>	white plectritis
<i>Poa bulbosa</i>	bulbous bluegrass
<i>Poa cusickii</i>	Cusick's bluegrass
<i>Potentilla glandulosa</i>	sticky cinquefoil
<i>Potentilla</i> - palmate leaves	cinquefoil
<i>Prunus virginiana</i>	chokecherry
<i>Pyrrocoma carthamoides</i>	Columbia goldenweed
<i>Pyrrocoma liatriformis</i>	Palouse goldenweed (recorded in Biotics database)
<i>Rosa nutkana</i>	Nootka rose
<i>Sedum species</i>	stonecrop
<i>Senecio integerrimus</i>	western groundsel
<i>Silene cf. oregana</i>	catchfly
<i>Silene spaldingii</i>	Spalding's catchfly
<i>Sisymbrium altissimum</i>	tumblemustard
<i>Spiraea betulifolia</i>	birch-leafed spirea
<i>Symphoricarpos albus</i>	common snowberry
<i>Woodsia oregana</i>	woodsia

Steptoe Canyon

DNR land at T12N R12N R45E Section 16

Arnett site visit, May 8, 2007

scientific name	Common name
<i>Achillea millefolium</i>	yarrow
<i>Allium sp.</i>	onion
<i>Amelanchier alnifolia</i>	serviceberry
<i>Amsinckia lycopsoides</i>	tarweed fiddleneck
<i>Anthriscus caucalis</i>	chervil
<i>Arctium minus</i>	burdock
<i>Artemesia absinthium*</i>	absinthe wormwood
<i>Artemisia rigida</i>	stiff sage
<i>Astragalus cf. purshii</i>	woolly-pod milkvech
<i>Balsamorhiza sagittata</i>	Arrow-leaf balsamroot
<i>Brassica: annual, yellow capitata infl</i>	mustard
<i>Bromus tectorum</i>	cheatgrass
<i>Convolvulus arvensis</i>	field morning-glory
<i>Cornus sericea</i>	red osier dogwood
<i>Crataegus douglasii var. douglasii</i>	Douglas hawthorn
<i>Crepis sp.</i>	hawksbeard
<i>Descurainia sp</i>	tansymustard
<i>Dipsaucus sylvestris</i>	teasel
<i>Draba verna</i>	spring whitlow-grass
<i>Equisetum laevigatum</i>	smooth scouring-rush
<i>Ericameria nauseosa</i>	rubber rabbitbrush
<i>Erodium cicutarium</i>	crane's-bill
<i>Galium aparine</i>	cleavers
<i>Geranium sp.</i>	geranium
<i>Heracleum lanatum</i>	cow parsnip
<i>Holodiscus discolor</i>	oceanspray
<i>Holosteum umbellatum</i>	jagged chickweed
<i>Lamium amplexicaule</i>	henbit

<i>Lathyrus pauciflorus</i> var. <i>pauciflorus</i>	few-flowered peavine
<i>Lithophragma parviflora</i>	small-flowered prairie-star
<i>Lithospermum arvense</i>	corn gromwell
<i>Lomatium</i> cf. <i>geyeri</i>	geyer's biscuitroot
<i>Lomatium dissectum</i>	fern-leaf biscuit-root
<i>Lomatium grayi</i>	Gray's desert-parsley
<i>Maianthemum stellata</i> (= <i>Smilacina stellata</i>)	Star-flowered Solomon's seal
<i>Malus</i> - domestic	apple
<i>Marah oregana</i>	Oregon man-root
<i>Penstemon richardsonii</i> var. <i>richardsonii</i>	Richardson's penstemon
<i>Phacelia heterophylla</i> var. <i>heterophylla</i>	virgate phacelia
<i>Phacelia linearis</i>	threadleaf phacelia
<i>Poa bulbosa</i>	bulbous bluegrass
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i>	black cottonwood
<i>Prunus virginiana</i>	chokecherry
<i>Pseudoroegneria spicata</i> (= <i>Agropyron spicatum</i>)	blue-bunch wheatgrass
<i>Rhus glabra</i>	smooth sumac
<i>Ribes aureum</i>	golden currant
<i>Ribes cereum</i>	currant
<i>Rosa woodsii</i>	Wood's rose
<i>Salix</i> : dark scales, fr stalked 1-2 mm, glab; lvs glab, serrate, lg stipules, l 3X w	willow
<i>Sambucus cerulea</i>	Blue elderberry
<i>Scutellaria angustifolia</i> ssp. <i>angustifolia</i>	narrow-leaved skullcap
<i>Sisymbrium altissimum</i>	tumblemustard
<i>Symphoricarpos albus</i>	common snowberry
<i>Toxicodendron rydbergii</i>	poison-ivy
<i>Urtica dioica</i>	stinging nettle
<i>Verbascum thapsus</i>	common mullein
<i>Vicia cracca</i>	bird vetch
<i>Vicia</i> sp.	vetch
<i>Woodsia oregana</i>	woodsia

Wawawai

Arnett and Birkhauser site visit, May 23, 2006

scientific name	common name
<i>Acer negundo</i> *	box elder
<i>Achillea millefolium</i>	yarrow
<i>Agropyron cristatum</i>	crested wheatgrass
<i>Amelanchier alnifolia</i>	serviceberry
<i>Amorpha fruticosa</i>	false indigo
<i>Amsinckia retrorsa</i>	fiddleneck
<i>Anthriscus caucaulis</i>	chervil
<i>Arctium minus</i>	burdock
<i>Arenaria serpyllifolia</i>	thyme-leaved sandwort
<i>Asclepias speciosa</i>	showy milkweed
<i>Astragalus riparius</i>	Piper's milkvetch
<i>Balsamorhiza sagittata</i>	arrow-leaf balsamroot
<i>Berberis repens</i>	creeping Oregon-grape
<i>Bromus cf. racemosus (B. commutatus)</i>	meadow brome
<i>Bromus hordeaceus (B. mollis)</i>	soft chess
<i>Bromus tectorum</i>	cheatgrass
<i>Cerastium arvense ssp. strictum</i>	field chickweed
<i>Cerastium nutans</i>	nodding chickweed
<i>Claytonia perfoliata (=Montia perfoliata)</i>	miner's lettuce
<i>Clematis ligusticifolia</i>	western clematis
<i>Collomia grandiflora</i>	large-flowered collomia
<i>Conium maculatum</i>	poison-hemlock
<i>Convolvulus arvensis</i>	field morning-glory
<i>Crataegus douglasii var. douglasii</i>	Douglas hawthorn
<i>Crepis cf. barbiger</i>	bearded hawksbeard
<i>Dactylis glomerata</i> *	orchard grass
<i>Dipsaucus sylvestris</i>	teasel
<i>Draba verna</i>	spring whitlow-grass
<i>Eriogonum heracleoides</i>	parsnip-flowered buckwheat
<i>Eriogonum niveum</i>	snow desert-buckwheat
<i>Erodium cicutarium</i>	crane's-bill

<i>Festuca idahoensis</i>	blue bunchgrass
<i>Galium aparine</i>	cleavers
<i>Holodiscus discolor</i>	oceanspray
<i>Hypericum perforatum</i>	Klamath weed
<i>Lathyrus pauciflorus</i>	few-flowered peavine
<i>Lathyrus sp (broad glaucous lvs)</i>	peavine
<i>Lomatium dissectum</i>	fern-leaf biscuit-root
<i>Lupinus sericeus</i>	silky lupine
<i>Madia citriodora</i>	lemon-scented tarweed
<i>Myosotis discolor</i>	blue and yellow forget-me-not
<i>Parthenocissus quinquefolia</i>	woodbine
<i>Penstemon deustus</i> var. <i>deustus</i>	hot-rock penstemon
<i>Philadelphus lewisii</i>	mock-orange
<i>Phlox gracilis (=Microsteris gracilis)</i>	annual phlox
<i>Phlox longifolia</i>	long-leaf phlox
<i>Poa bulbosa</i>	bulbous bluegrass
<i>Prunus, avium</i>	non-native cherry
<i>Rhus glabra</i>	smooth sumac
<i>Robinia pseudoacacia</i>	black locust
<i>Rosa nutkana</i> var. <i>hispida</i>	Nootka rose
<i>Rubus armeniacus</i>	Himalayan blackberry
<i>Rumex crispus</i>	curly dock
<i>Secale cereale</i>	cultivated rye
<i>Sedum leibergii</i>	Leiberg's stonecrop
<i>Sedum species</i>	stonecrop
<i>Symphoricarpos albus</i>	common snowberry
<i>Thysanocarpus curvipes</i>	lacepod
<i>Toxicodendron rydbergii</i>	poison-ivy
<i>Tragopogon dubius*</i>	oysterplant
<i>Triteleia grandiflora</i> ssp. <i>grandiflora</i>	Douglas' brodiaea
<i>Valerianella</i>	corn-salad
<i>Vicia villosa*</i>	hairy vetch
<i>Vulpia bromoides</i>	small fescue
<i>Woodsia oregana</i>	woodsia