

Hudson Biological Reserve at Smoot Hill Plant Species List

This is a partial catalog, originally compiled by Keith Farrell, of seed plants occurring on the reserve. This list is a work in progress and is not complete nor entirely confirmed. Species confirmed by voucher specimen are noted with an "^". Please let us know of additions!

Scientific Name (* = Introduced; Common Name):

Mosses

To Be Added!

Ferns

Cystopteridaceae

Cystopteris fragilis (Common fragile fern)

Equisetaceae (Horsetail Rush family)

^*Equisetum arvense* L. (Field or common horsetail)

Woodsiaceae

Woodsia oregana (Oregon cliff fern)

Gymnosperms

Cupressaceae (Cypress family)

^*Juniperus horizontalis* Moench (Creeping cedar)

^*Juniperus occidentalis* Hook. (Western juniper)

Pinaceae (Pine family)

^*Pinus ponderosa* Doug. ex P.& C. Lawson (Ponderosa pine)

Angiosperms

Monocots

Alliaceae (Onion family)

^*Allium acuminatum* Hook. (Wild onion)

Amaryllidaceae (Amaryllis family)

^*Narcissus pseudonarcissus* L. (* daffodil)

Araceae (Arum family)

^*Lemna minor* L. (Duckweed)

Asparagaceae (Asparagus family)

^*Camassia quamash* (Pursh) Greene var. *quamash* (Camas)

^*Maianthemum racemosum* (L.) Link (False Solomon's-seal)

^*Triteleia grandiflora* Lindl. (= *Brodiaea douglasii* Wats.) (Wild hyacinth)

Cyperaceae (Sedge family) [\[photos\]](#)

^*Carex geyeri* Boott (Geyer's sedge)

Carex sp. 2 (Sedge)

^*Eleocharis palustris* (L.) Roem. & Schult. (Common spike rush)

Iridaceae (Iris family) [\[photos\]](#)

^*Iris missouriensis* Nutt. (Western blue iris)

^*Olsynium douglasii* (A. Dietr.) E.P.Bicknell var. *inflatum* (Suksd.) Cholewa & D.M.Hend.
(Grass widows; blue-eyed grass)

Juncaceae (Rush family)

^*Juncus bufonius* L. (Toad rush)

^*Juncus confusus* Cov. (Colorado rush)

^*Juncus ensifolius* Wilkst. (Daggerleaf rush)

Liliaceae (Lily family) [\[photos\]](#)

^*Calochortus elegans* Pursh (Cat's ear)

^*Erythronium grandiflorum* Pursh (Lamb's-tongue; dog-tooth violet)

^*Fritillaria pudica* (Pursh) Spreng. (Yellow bell)

Melanthiaceae (Death camas or trillium family)

^*Trillium petiolatum* Pursh (Purple trillium)

^*Veratrum californicum* Dur. var. *californicum* (False hellebore)

^*Zigadenus venenosus* S. Watson var. *gramineus* (Rydb.) Walsh ex M.E. Peck (Grassy death camas)

Orchidaceae (Orchid family)

Cypripedium spp. (Lady's slipper)

^*Platanthera elegans* Lindl. (Elegant piperia)

Poaceae (Grass family)

Agrostis stolonifera L. (* Redtop)

Agrostis scabra Willd. (Rough bentgrass; tickle grass)

^*Alopecurus pratensis* L. (* Meadow foxtail)

Apera interrupta (L.) Beauv. (* Satan's hair)

^*Arrhenatherum elatius* (L.) J.Presl. & C.Presl. (* Tall oat-grass)

^*Avena fatua* L. (* Wild oat)

^*Bromus briziformis* Fisch. & Mey. (* Rattlesnake brome)

Bromus carinatus Hook. & Arn. (California brome)

^*Bromus hordeaceus* L. (* Soft cheat grass)

Bromus inermis Leyss. (* Smooth brome)

^*Bromus japonicus* Thunb. (* Japanese brome)

^*Bromus marginatus* Nees ex Steud. (Mountain brome)

^*Bromus secalinus* L. (* Chess; cheat)

^*Bromus tectorum* L. (* Cheat; downy brome)
^*Dactylis glomerata* L. (* Orchard grass)
Danthonia spicata (L.) Beauv. (Poverty oatgrass)
Echinochloa crusgalli (L.) Beauv. (* Barnyard grass; water grass)
Elymus trachycaulus (Link) Shinn. ssp. *subsecundum* (Link) Gould (Bearded wheatgrass)
^*Elymus trachycaulus* (Link) Shinn. ssp. *trachycaulus* (Slender wheatgrass)
Festuca arundinacea Schreb. (* Basin wild rye)
Festuca idahoensis Elmer (Idaho fescue)
^*Hordeum brachyantherum* Nevinski (Meadow barley)
^*Hordeum vulgare* L. (Barley)
Koeleria macrantha (Ledeb.) Schultes (June grass)
Leymus cinereus (Scribn. & Merr.) A. Löve (= *Elymus cinereus* Scribn. & Merr.) (Basin wild rye)
^*Phalaris arundinacea* L. (Reed canary grass)
^*Phleum pratense* L. (* Timothy)
^*Poa bulbosa* L. (* Bulbous bluegrass)
^*Poa compressa* L. (* Canadian bluegrass)
Poa palustris L. (* Fowl bluegrass)
^*Poa pratensis* L. (* Kentucky bluegrass)
^*Polypogon monspeliensis* (L.) Desf. (* Rabbit-foot grass)
^*Taeniatherum caput-medusae* (L.) Nevski (* Medusahead)
Ventenata dubia (Leers) Coss. (* Ventenata)

Typhaceae (Cat-tail family)

^*Typha latifolia* L. (Cat-tail)

Eudicots

Adoxaceae (Moschatel family) [\[photos\]](#)

^*Sambucus cerulea* Raf. (Blue elderberry)

Amaranthaceae (Amaranth family)

Amaranthus albus L. (Tumbling amaranth; pigweed)

Amaranthus graecizans L. (Prostrate pigweed)

Apiaceae (Carrot family) [\[photos\]](#)

^*Anthriscus scandicina* Mansf. (chervil)

^*Conium maculatum* L. (* Poison hemlock)

Heracleum maximum Bartram (Cow parsnip)

^*Heracleum sphondylium* L. (Cow parsnip)

^*Lomatium dissectum* (Nutt. ex Torr. & A.Gray) Mathias & Const. (Desert parsley)

Lomatium gormanii (Howell) J.M.Coult. & Rose (Pepper and salt)

^*Lomatium grayi* (J.M.Coult. & Rose) J.M.Coult. & Rose (Gray's desert parsley)

^*Lomatium macrocarpum* (Hook. & Arn.) J.M.Coult. & Rose (Bigseed biscuitroot)

^*Lomatium triternatum* (Pursh) J.M.Coult. & Rose (Narrow-leaved desert parsley)

^*Osmorhiza chilensis* Hook. & Arn. (Mountain sweet-cicely)

^*Perideridia gairdneri* (Hook. & Arn.) Math. (Wild caraway)

Apocynaceae (Milkweed family) [\[photos\]](#)

^*Apocynum cannabinum* L. var. *suksdorfii* Beg. & Beloserky (Indian hemp)

^*Asclepias speciosa* Torr. (Showy milkweed)

Asteraceae (Sunflower family) [\[photos\]](#)

^*Achillea millefolium* L. (Yarrow; milfoil)

Agoseris glauca (Pursh) Raf. (Goat chicory)

Agoseris grandiflora (Nutt.) Greene (False dandelion; goat chicory)

Agoseris heterophylla (Nutt.) Greene (False dandelion; goat chicory)

^*Anaphalis margaritacea* (L.) Benth. & Hook.f. (Pearly everlasting)

^*Antennaria luzuloides* Torr. & A.Gray (Pearly everlasting)

^*Anthemis cotula* L. (* Dog fennel; May weed)

Arctium minus (Hill) Bernh. (* Burdock)

Artemisia absinthium L. (* Absinthe; wormwood)

Artemisia ludoviciana Nutt. ssp. *ludoviciana* (Wormwood; sagebrush)

^*Balsamorhiza sagittata* (Pursh) Nutt. (Balsamroot)

Bidens cernua L. (Begger ticks)

Centaurea cyanus L. (* Bachelor's button; cornflower)

^*Chrysanthemum leucanthemum* L. (* Ox-eye daisy)

Cichorium intybus L. (* Chicory)

^*Cirsium arvense* (L.) Scop. var. *horridum* Wlmm. & Grab. (* Canada thistle)

^*Cirsium brevifolium* Nutt. (Palouse thistle)

^*Cirsium vulgare* (Savi) Tenore (* Bull thistle)

^*Crepis atriobarba* A.Heller (Slender hawkbeard)

^*Erigeron filifolius* (Hook.) Nutt. (Fleabane; daisy)

^*Erybia conspicua* (Lindl.) G.L.Nesom (Showy aster)

^*Gaillardia aristata* Pursh (Blanket flower)

^*Gnaphalium palustre* Nutt. (Cudweed)

^*Helianthella uniflora* (Nutt.) Torr. & A.Gray var. *douglasii* (Torr. & A.Gray) W.A.Weber
(False sunflower)

^*Hieracium scouleri* Hook. (Hawkweed)

^*Lactuca serriola* L. (* Prickly or China lettuce)

Lagophylla ramosissima Nutt. (Slender rabbit-leaf)

^*Madia citriodora* Greene (Lemon-scented tarweed)

^*Madia gracilis* (Smith) Keck (Slender tarweed)

Matricaria matricarioides (Less.) Porter (Pineapple weed)

^*Microseris nutans* (Hook.) Schultz-Bip. (Nodding microseris)

^*Pyrrocoma carthamoides* Hook. var. *carthamoides* (= *Haplopappus carthamoides* (Hook.) Gray
var. *carthamoides*) (Columbia goldenweed)

Pyrrocoma liatrifolmis Greene (= *Haplopappus liatrifolmis* (Greene) St. John) (Palouse
goldenweed)

Senecio hydrophilus Nutt. (Groundsel; ragwort)

Senecio hydrophiloides Rydb. (Groundsel; ragwort)

^*Senecio integerrimus* Nutt. var. *exaltatus* (Nutt.) Cronquist (Tall ragwort)

^*Senecio integerrimus* Nutt. var. *ochroleucus* (A.Gray) Cronquist (White western groundsel)

^*Senecio serra* Hook. (Groundsel; ragwort)
Solidago canadensis L. (Northern goldenrod)
 ^*Solidago missouriensis* Nutt. var. *missouriensis* (Goldenrod)
Sonchus asper (L.) Hill (* Spiny sowthistle)
Sonchus oleraceus L. (* Annual sowthistle)
 ^*Stephanomeria tenuifolia* (Raf.) H.M.Hall [ID needs checking] (Bush wirelettuce)
 ^*Symphiotrichum spathulatum* (Lindl.) Nesom var. *intermedium* (A.Gray) Nesom (= *Aster occidentalis* (Nutt.) T. & G. var. *occidentalis* (Western Aster)
 ^*Tanacetum vulgare* L. (* Tansy)
 ^*Taraxacum officinale* Web. ex Wig. (* Dandelion)
 ^*Tragopogon dubius* Scop. (* Salsify)
 ^*Tragopogon pratensis* L. (* Meadow salsify)
 ^*Wyethia amplexicaulis* (Nutt.) Nutt. (Mule's ears; Pik)

Berberidaceae (Barberry family) [\[photos\]](#)

^*Mahonia repens* (Lindl.) G.Don (Small Oregon Grape)

Boraginaceae (Borage family) [\[photos\]](#)

^*Amsinckia menziesii* (Lehm.) Nels. & Macbr. (Small-flowered fiddleneck)
 ^*Amsinckia retrorsa* Suksd. (Rigid fiddleneck)
 ^*Asperugo procumbens* L. (* Madwort)
Cryptantha torreyana (Gray) Greene (Nievitas)
 ^*Cynoglossum officinale* L. (Common hound's tongue)
 ^*Hydrophyllum capitatum* Dougl. ex Benth. (Purple cat's-breeches)
 ^*Hydrophyllum fendleri* (Gray) Heller (White-flower cat's breeches)
Lithospermum arvense L. (* Field gromwell; stoneseed)
 ^*Lithospermum ruderales* Dougl. ex Lehm. (Cat's-tooth; lemon weed, puccoon)
Mertensia longiflora Greene (Bluebells)
 ^*Myosotis micrantha* Pall ex Lehm. (* Forget-Me-Not)
Phacelia hastata Dougl. ex Lehm. (Whiteleaf phacelia)
 ^*Plagiobothrys scouleri* (Hook. & Arn.) I.M.Johnst. var. *penicillatus* (Greene) Cronq. (Popcorn flower)

Brassicaceae (Mustard family) [\[photos\]](#)

^*Arabis glabra* (L.) Bernh. (Tower mustard)
Athysanus pusillus (Hook.) Greene (Sandweed)
 ^*Barbarea orthoceras* Ledeb. (Winter cress)
 ^*Camelina microcarpa* Andr. (* False flax)
 ^*Capsella bursa-pastoris* (L.) Medic. (* Shepherd's purse)
 ^*Cardamine pensylvanica* Muhl. ex Willd. (Pennsylvania bittercress)
Descurainia sophia (L.) Webb. (* Flixweed)
 ^*Draba verna* L. (Whitlow grass)
Erysimum cheiranthoides L. (* Wormseed mustard)
Erysimum repandum L. (* Bushy wallflower)
 ^*Sisymbrium altissimum* L. (* Jim Hill; tumble mustard)
 ^*Thlaspi arvense* L. (* Fanweed; field pennycress)

Caprifoliaceae (Honeysuckle family) [\[photos\]](#)

Lonicera ciliosa (Pursh) DC. (Orange-flowered honeysuckle)

^*Plectritis macrocera* Torr. & A.Gray (Longhorn plectritis)

^*Symphoricarpos albus* (L.) Blake var. *albus* (Snowberry)

Valeriana edulis Nutt. ex T. & G. (Tobacco root; Masawah)

^*Valerianella locusta* (L.) Betcke. (Lamb's lettuce)

Caryophyllaceae (Pink family) [\[photos\]](#)

Arenaria capillaris Poir. (Sandwort)

Arenaria congesta Nutt. (Dense-flowered sandwort)

Arenaria stricta Michx. (Slender sandwort)

^*Cerastium fontanum* Baumg. subsp. *vulgatum* (Hartm.) Greuter & Burdet (* Common mouse-ear chickweed)

Cerastium viscosum L. (* Sticky mouse-ear chickweed)

Holosteum umbellatum L. (* Jagged chickweed)

Lychnis alba Mill. (* White campion)

^*Silene douglasii* Hook. (Douglas campion)

^*Silene latifolia* Poir. (White campion)

Silene menziesii Hook. (Catchfly)

Silene scouleri Hook. (Scouler's silene)

Silene spaldingii Wats. (Spalding's silene)

Stellaria longipes Goldie (Starwort)

^*Stellaria media* (L.) Cyrill. (Common chickweed)

Vaccaria segetalis (Neck.) Garcke ex Asch. (* Cow cockle)

Chenopodiaceae (Goosefoot family)

Chenopodium album L. (* Lamb's-quarters)

Clusiaceae (St. Johnswort family)

^*Hypericum perforatum* L. (* St. Johnswort; goatweed)

Convolvulaceae (Morning glory family)

^*Convolvulus arvensis* L. (* Field bindweed; morning glory)

Cornaceae (Dogwood family)

Cornus sericea L. (Red-osier dogwood)

Cucurbitaceae (Squash family)

Bryonia alba L. (* Bryony)

Dipsacaceae (Teasel family)

^*Dipsacus fullonum* L. (= *D. sylvestris* Huds.) (* Wild teasel)

Fabaceae (Pea family)

^*Astragalus canadensis* L. (Milk vetch)

Astragalus succumbens Dougl. (Columbia milk vetch)

^*Lathyrus bijugatus* White (Wild sweet pea)

^*Lotus corniculatus* L. (* Birdsfoot)

^*Lotus purshianus* (Benth.) Clem. & Clem. (Spanish clover)

^*Lupinus leucophyllus* Dougl. var. ? (Woolly-leaved lupine)

^*Lupinus sericeus* Pursh var. ? (Silky lupine)

^*Medicago lupulina* L. (* Black medic; hop clover)

Trifolium arvense L. (* Rabbit-foot clover)

Trifolium hybridum L. (* Alsike clover)

Trifolium repens L. (* White clover)

^*Vicia americana* Muhl. var. *truncata* (Nutt.) W.H.Brewer ex S.Wats. (American vetch)

^*Vicia villosa* Roth. (* Hairy vetch)

Gentianaceae (Gentian family)

Frasera albicaulis Dougl. ex Griseb. (Columbo)

Gentiana affinis Griseb. (Prairie gentian)

Geraniaceae (Geranium family)

^*Erodium cicutarium* (L.) L'Her. ex Aiton (Common stork's-bill)

^*Geranium viscosissimum* Fisch. & C.A.Mey. (Prairie gentian)

Grossulariaceae (Gooseberry family)

^*Ribes inerme* Rydb. var. *inerme* (Whitestem gooseberry)

Hypericaceae (St. John's wort family)

^*Hypericum perforatum* L. (St. John's wort)

Hydrocharitaceae (Frog's-bit family)

Elodea canadensis Michx. (Canadian water-weed)

Lamiaceae (Mint family)

^*Agastache urticifolia* (Benth.) Kuntze. (Giant hyssop)

^*Lamium amplexicaule* L. (* Henbit; Dead nettle)

^*Lamium purpureum* L. (* Red dead nettle)

Marrubium vulgare L. (* Horehound)

Mentha arvensis L. (Mint)

^*Nepeta cataria* L. (* Catnip)

^*Prunella vulgaris* L. (* Heal-all; self-heal)

Scutellaria angustifolia Pursh (Skullcap)

Linaceae (Flax family)

Linum lewisii Pursh (Wild blue flax)

Malvaceae (Mallow family)

Malva neglecta Wallr. (* Cheeseweed)

Sidalcea oregana (Nutt. ex T.& G.) Gray (Wild hollyhock)

Montiaceae (Miner's lettuce family) [\[photos\]](#)

^*Claytonia lanceolata* Pursh var. *lanceolata* (Springbeauty)

^*Claytonia perfoliata* Donn. (Miner's lettuce)

^*Montia linearis* (Dougl.) Greene (Narrow-leaved miner's lettuce)

Onagraceae (Evening primrose family)

Chamerion angustifolium (L.) Holub (= *Epilobium angustifolium* L.) (Fireweed; great willow herb)

^*Clarkia pulchella* Pursh. (Deer horn; ragged robin)

^*Epilobium brachycarpum* C. Presl. (= *E. paniculatum* Nutt. ex T. & G.) (Small willow herb)

Epilobium ciliatum Raf. var. *glandulosum* (Lehm.) Dorn (Glandular willow weed)

Epilobium densiflorum (Lindl.) Hoch. & P.H. Raven (= *Boisduvalia densiflora* (Lindl.) Wats. (Vernal-pool candle; spike-primrose)

Gaura parviflora Dougl. ex Lehm. (Velvet weed)

Gayophytum nuttallii Torr. & A. Gray (? - possible misidentification)

Orobanchaceae (Broomrape family)

^*Castilleja cusickii* Greenm. (Cusick's paintbrush)

^*Castilleja lutescens* (Greenm.) Rydb. (Pale paintbrush)

^*Orobanche uniflora* L. var. *minuta* (Suksd.) Beck (One-flowered broomrape)

Papaveraceae (Poppy family)

Dicentra cucullaria (L.) Bernh. (Dutchman's breeches)

^*Papaver argemone* L. (* Wild poppy; headache)

Phrymaceae (Lopseed family)

Mimulus guttatus DC. (Yellow monkey flower)

Plantaginaceae (Plantain family) [\[photos\]](#)

^*Collinsia parviflora* Dougl. ex. Lindl. (Bluelips)

^*Penstemon confertus* Dougl. ex Lindl. (Yellow beard-tongue)

^*Plantago lanceolata* L. (* English plantain; buckthorn plantain)

^*Synthyris rubra* (Dougl. ex Hook.) Benth. (Red besseya)

Veronica americana Schwein ex. Benth. (American brookline)

^*Veronica arvensis* L. (* Corn speedwell)

Veronica peregrina L. (Neckweed)

Polemoniaceae (Phlox family)

^*Collomia grandiflora* Dougl. ex Lindl. (Salmon-colored collomia)

^*Collomia linearis* Nutt. (Pink collomia)

^*Navarretia intertexta* (Benth.) Hook. (Skunk-weed)

^*Phlox gracilis* (Hook.) Greene (Pink eye)

^*Phlox longifolia* Nutt. (Long-leaf phlox)

^*Phlox speciosa* Pursh (Phlox)

Polygonaceae (Buckwheat family)

- ^*Eriogonum heracleoides* Nutt. (Wild buckwheat)
- ^*Polygonum aviculare* L. (* Door weed; knot grass)
- Polygonum convolvulus* L. (* Black bindweed; wild buckwheat)
- Polygonum douglasii* Greene (Knotweed)
- Polygonum lapathifolium* L. (* Pale smartweed)
- ^*Rumex acetosella* L. (* Sheep sorrel)
- ^*Rumex crispus* L. (* (Curly dock)

Potamogetonaceae (Pondweed family)

- Potamogeton* sp. (Pondweed)

Primulaceae (Primrose family) [\[photos\]](#)

- ^*Dodecatheon pulchellum* (Raf.) Merr. (Bird-bill; shooting star)

Ranunculaceae (Buttercup family) [\[photos\]](#)

- ^*Clematis hirsutissima* Pursh (Sugar bowl)
- Delphinium distichum* Geyer ex Hooker (Meadow larkspur)
- ^*Delphinium nuttallianum* Pritzel (Upland larkspur)
- Ranunculus arvensis* L. (* Field buttercup)
- ^*Ranunculus glaberrimus* Hook. (Spring flowering buttercup)
- ^*Ranunculus uncinatus* D.Don (Buttercup)
- Thalictrum occidentale* Gray (Meadow rue)

Rosaceae (Rose family) [\[photos\]](#)

- ^*Amelanchier alnifolia* (Nutt.) Nutt. ex M.Roan (Service berry)
- ^*Crataegus douglasii* Lindl. (Black hawthorn)
- ^*Fragaria virginiana* Miller var. *platypetala* (Rydb.) H.M.Hall (Pale strawberry)
- Geum macrophyllum* Willd. (Large-leaf avens)
- ^*Geum triflorum* Pursh var. *ciliatum* (Pursh) Fassett (Old man's whiskers)
- ^*Geum triflorum* Pursh var. *triflorum* (Old man's whiskers)
- ^*Potentilla glandulosa* Lindl. (Sticky cinquefoil)
- ^*Potentilla gracilis* Dougl. ex Hook. var. ? (Five-finger; cinquefoil)
- ^*Prunus virginiana* L. var. *melanocarpa* (A.Nelson) Sarg. (Choke cherry)
- Rosa nutkana* C.Presl. (Nootka rose)
- ^*Rosa woodsii* Lindl. (Wild rose)
- ^*Spiraea betulifolia* Pall. (White spiraea)
- Sanguisorba annua* (Nutt. ex Hook.) Torr. & A.Gray (Burnet)

Rubiaceae (Madder family) [\[photos\]](#)

- ^*Galium aparine* L. var. *echinospermum* (Wallr.) T.Durand (Cleavers)
- ^*Galium boreale* L. (Northern bedstraw)
- Galium triflorum* Michx. (Three-flowered bedstraw)

Salicaceae (Willow family) [\[photos\]](#)

^*Populus tremuloides* Michx. (Quaking aspen)

^*Salix eriocephala* Michx. var. *mackenzieana* (Hook.) Dorn (Mackenzie willow)

^*Salix exigua* Nutt. subsp. ? (Slender, sandbar, or coyote willow)

Saxifragaceae (Saxifrage family)

^*Heuchera cylindrica* Dougl. ex Hook. (Alumroot)

Lithophragma glabrum Nutt. (Baby face)

^*Lithophragma parviflorum* (Hook.) Nutt. ex Torr. & A.Gray (Baby's breath)

^*Saxifraga integrifolia* Hook. (Saxifrage)

Scrophulariaceae (Figwort family)

Scrophularia lanceolata Pursh (Figwort)

^*Verbascum thapsus* L. (* Common mullein)

Solanaceae (Nightshade family)

Solanum sarrachoides Sendt ex Mart. (* Hairy nightshade)

Solanum triflorum Nutt. (Cut-leaved nightshade)

Urticaceae (Nettle family)

^*Urtica dioica* L. (Tall nettle)

Verbenaceae (Verbena or vervian family)

Verbena bracteata Lag. & Rodr. (Bracted verbena; vervian)

Violaceae (Violet family)

^*Viola adunca* Sm. var. *canadensis* (M.S.Baker) C.L.Hitchc. (Blue violet)