

COEFFICIENT OF CONSERVATISM RANKINGS FOR THE FLORA OF MONTANA: PART II



Prepared for:
Montana Department of Environmental Quality

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**Natural Heritage
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COEFFICIENT OF CONSERVATISM RANKINGS FOR THE FLORA OF MONTANA: PART II

Prepared for:

MONTANA DEPARTMENT OF ENVIRONMENTAL QUALITY
1520 East 6th Ave; Helena MT 59620

Agreement #216016

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EXECUTIVE SUMMARY

Species and land conservation requires the ability to assess natural areas. The Floristic Quality Assessment Index (FQAI) is a tool that uses plants to make standardized comparisons among open land areas, to set conservation priorities, to monitor project areas, and to restore habitats. The basic component of the FQAI is the assignment of a coefficient of conservatism (C-) value to individual plant species. For a given geography, C-values reflect the plant's tolerance to natural and/or human disturbance and its affinity to a specific, unimpaired habitat. The *Coefficient of Conservatism Rankings for the Flora of Montana: Part I* report detailed the process, methodology, and results used by the Montana Natural Heritage Program (MTNHP) in 2004-2005 and 2015 to assign C-values to 1,412 plant taxa. This report is part II in the process for assigning Coefficient of Conservatism values to Montana's plants. The 2016 panel of botanical and ecological experts with field-based knowledge of Montana's flora evaluated 316 plant taxa (species, varieties, subspecies, or hybrids) that lacked a C-value, is known or reported to occur in Montana, and is listed on the 2014 U.S. Army Corps of Engineers (COE) Regional Wetland Plant Lists for the Western Mountains, Valleys, and Coast; Arid West; and Great Plains. In the process these species were also re-examined to determine their presence and their origin (native or exotic) in Montana. Of the 316 plants: a) 211 plants were assigned a C-value, b) 70 plants were not assigned a C-value because more information on the plant's habitat and response to disturbance is needed, its taxonomy needs to be understood, or its presence in Montana needs to be confirmed, and c) 33 plants were documented to not be present (at this time) in Montana. Across all years, 1,623 Montana plant taxa have an assigned C-value. Approximately 948 plant species still lack a C-value assignment and funding opportunities will be sought.

ACKNOWLEDGMENTS

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1.0 INTRODUCTION

Conservation of our species and landscapes is accomplished through land preservation, habitat restoration, and development of effective management techniques. Species and land conservation requires the ability to assess natural areas. The Floristic Quality Assessment Index (FQAI) is a tool that uses plants to make standardized comparisons among open land areas, to set conservation priorities, to monitor project areas, and to restore habitats (Wilhelm and Masters 1995). A key component of using FQAI is to assign a Coefficient of Conservatism (C-) value to an individual plant species that is specific to a defined geography. This report is part II in the process for assigning Coefficient of Conservatism values to Montana's plants. It outlines the practical uses of FQAI, defines the process used by the Montana Natural Heritage Program (MTNHP) to assign C-values to plants in Montana, and provides the C-values data.

It is commonly accepted that plants and animals occupy habitats to which they are adapted (Wilhelm and Masters 1995). European settlement in North America has resulted in large and rapid changes to our native biological systems and processes. These changes include: a) the loss of conservative plants, those species that co-occur (to create diversity) and are suited to long-term inhabitancy, and b) the increase of exotic species that perpetuate with catastrophic disturbance or cultural activities. As a result, landscapes in Montana are a mosaic of intact systems and fragmented lands in varying states of degradation. Plants exhibit varying degrees of tolerance to disturbance and also display varying degrees of affinity (or fidelity) to a specific habitat integrity (the state of being unimpaired habitat) (Wilhelm and Masters 1995).

For a given geography, the C-value reflects the plant species' tolerance to natural and/or human disturbance and its fidelity to a habitat, and is scaled from 0 to 10. Plants assigned a value of 0 are habitat generalists that respond positively to disturbance while plants assigned a value of 10 occur in very specialized habitats and are intolerant of disturbance. The assigned C-value is not a reflection of the plant's density, apparent dominance, or frequency within the defined geographical area (Wilhelm and Masters 1995). Collectively, C-values are incorporated into community-based site assessment methods, such as FQAI (Zomlefer et al. 2013). The FQAI method is used by government agencies and private consulting firms to: 1) identify natural areas, 2) facilitate comparisons among different sites (regardless of the habitat type), 3) conduct long-term monitoring of the quality of remnant lands, and 4) guide restoration efforts (Zomlefer et al. 2013; Wilhelm and Masters 1995).

Most commonly, government agencies and private consulting firms have used FQAI to monitor wetland conditions in compliance with Section 305(b) of the Clean Water Act. Organizations are also using FQAI and C-values in long-term ecological inventories, to develop baseline conditions, and to set habitat or vegetation targets in restoration projects. To facilitate the use of FQAI and C-value indices in Montana, it is necessary to develop C-values that reflect the species' response to environmental conditions in Montana. In 2004-2005, 2015, and 2016 the MTNHP assembled a panel of botanical and ecological experts to assign C-values to Montana's plant species. The emphasis was to rank the species found in Montana that also occur on the U.S. Army Corps of Engineers National Wetland Plant List, and to rank exotic species. This project supports the primary objective of the Clean Water Act which is to "maintain and restore the chemical, physical, and biological integrity of the Nation's waters", including wetlands

(Federal Water Pollution Control Act, Public Law 92-500). To date, approximately 1,623 plant taxa have been assigned a C-value for Montana. The *Coefficient of Conservatism Rankings for the Flora of Montana: Part I* report specifically details the process, methodology, and results used in 2004-2005 and 2015. This report, *Coefficient of Conservatism Rankings for the Flora of Montana: Part II* provides the methods used in 2016 and the results across all years.

2.0 METHODS

2.1 Expert Panel

The standard methodology for assigning C-values uses an expert panel of botanists and ecologists familiar with the flora in question (Jones 2005; Rocchio 2007; and Zomlefer et al. 2013). In 2016, the botanist of the MTNHP assembled a panel of botanical and ecological experts with field-based knowledge of Montana’s flora (**Table 1**). The emphasis in 2016 was to review plants that lacked a C-value, are known or reported to occur in Montana, and are listed on the 2014 U.S. Army Corps of Engineers (COE) Regional Wetland Plant Lists for the Western Mountains, Valleys, and Coast; Arid West; and Great Plains. The process also allowed the panel to re-examine the individual species’ presence in Montana and its probable origin (native or exotic in Montana).

Table 1. Botanical and ecological experts serving on the 2016 Coefficient of Conservatism panel.

2016 Panel
Drake Barton (Botanical Consultant)
Peter Lesica (Botanical Consultant and Author)
Tara Luna (Botanical Consultant)
Scott Mincemoyer (Botanist)
Andrea Pipp (Botanist for MTNHP)
Ken Scow (Botanical Consultant)

2.2 Coefficient of Conservatism Values

The list of 316 plant species to assess in 2016 reflected the COE’s nomenclature and was given to each panel member to review independently. The panel met on April 13, 2016 to discuss each species collectively as a group and to work it through the *Dichotomous Key for Coefficient of Conservatism Rankings* (Zomlefer et al. 2013) (**Table 2; Figure A-1 in Appendix A**). Additional criteria were developed and agreed upon by the 2015 and 2016 panels. These additional criteria reflect Montana’s geography and helped improve consistency in assigning C-values across species and years (**Table 3**). Additional resources were used and included the knowledge of individual panel members for a particular species, published materials pertinent to vascular plants in Montana, and on-line databases [Consortium of Pacific Northwest Herbaria (University of Washington 2015), PLANTS database (USDA-NRCS 2016), and Flora of North America (Flora of North America Editorial Committee, eds. 1993+)]. The panel did not assign C-values to species that lacked sufficient information on distribution, habitat association, and/or tolerance to disturbance that is pertinent to Montana (**Table 4 in Appendix B**).

Table 2. Summary of Coefficient of Conservatism scoring definitions used by the 2015 and 2016 Montana panels and adopted from Zomlefer et al. 2013. See Appendix A for the Dichotomous Key for Coefficient of Conservatism Rankings upon which these definitions are based.

NON-NATIVE MONTANA SPECIES	
0	invasive
1	relatively benign
NATIVE MONTANA SPECIES	
Opportunistic, Broad Ecological Tolerance	
2	exhibits a broad range of ecological tolerance and is more or less restricted to areas of human disturbance
Non-Opportunistic, Intermediate Ecological Tolerance	
3	exhibits an intermediate range of ecological tolerance, typifies a stable phase of a native community, and thrives and/or persists under natural or human disturbance
4	exhibits an intermediate range of ecological tolerance, typifies a stable phase of a native community, and persists but does not thrive with some natural or human disturbance
5	exhibits an intermediate range of ecological tolerance, typifies a stable phase of a native community, and persists but does not thrive with a little natural or human disturbance
Non-Opportunistic, Narrow Ecological Tolerance	
6	exhibits a moderate fidelity to a more or less narrow range of ecological tolerance, typifies a stable or near climax community, and tolerates limited natural or human disturbance (unless surrogate for fire or other natural disturbance)
7	exhibits a moderate fidelity to a somewhat narrow range of ecological tolerance, typifies a stable or near climax community, and does not tolerate disturbance
8	exhibits a moderate fidelity to a narrow range of ecological tolerance, typifies a stable or near climax community, and does not tolerate disturbance
9	exhibits a high fidelity to a narrow range of ecological tolerance, typifies a stable or near climax community, and does not tolerate disturbance
10	exhibits a very high fidelity to a very narrow range of ecological tolerance that typifies a stable or near climax community and does not tolerate disturbance

Table 3. Criteria used by the 2015 and 2016 Montana panels to help assign C-values more consistently.

Montana Criteria Used to Assign C-values
<ul style="list-style-type: none"> • Panel agreed that in Montana a species found in dry, upland habitat does not signify a “narrow range of ecological tolerance” (second (d) couplet), unless it is a very specific type of dry, upland habitat. In Montana an example of a dry, upland habitat that qualifies as a “narrow range of ecological tolerance” is a ‘sand blow-out’ whereby wind erodes areas of sandy soil creating a substrate suitable for particular species. • Panel agreed that in Montana a species found in wetland habitat may signify a “narrow range of ecological tolerance” (second (d) couplet). Native plants that are mostly found in very wet to always wet habitats (often rated by the COE as facultative-wet (FACW) or obligate-wet (OBL)) and are not opportunistic often will signify a “narrow range of ecological tolerance”. For wetland associated species in Montana, the range of ecological tolerance becomes more narrow as the species’ requirement for being wet increases. Thus, an obligate (OBL) wetland plant often has a narrower ecological tolerance than does a facultative-wet (FACW) plant than does a facultative (FAC) plant. • In Montana, alpine habitat could be viewed as unique or as common. Many plants require alpine and/or sub-alpine conditions, yet this general habitat type is fairly common in Montana. Panel agreed that that a species found in alpine habitat did not always signify a “narrow range of ecological tolerance” (second (d) couplet), unless it is a very specific type of habitat or ecological condition within the alpine or subalpine zones. • Panel agreed that ‘alkaline soils’ represent a more ecologically narrow condition in Montana, and will usually classify the species into the second (d) couplet of the key. • Panel felt the plant’s reproductive strategy does indicate something about its resilience to disturbance. A rhizomatous plant might tolerate disturbance better than a taprooted plant. An annual plant might require disturbance to maintain its population. • Panel felt it was usefully to examine life history characteristics when deciding between close C-values. How does the plant reproduce (vegetatively, rhizomes, seeds, etc.) with a prolonged change in hydrology? How does the plant regenerate if disturbed? Is the plant also limited by pollinators or climatic conditions to reproduce? • Panel decided that a hybrid species will not be assigned a C-value at this time. Lots of plants hybridize, but the characteristics of a hybrid are often not captured in herbarium specimens and botanical keys. Therefore, the response to disturbance or requirement for habitat is often not known. Most people lack the observational skill-set to recognize hybrids. Exceptions to this criterion were made for particular hybrids. • Panel usually did not assign a C-value to a plant that has 1-3 collections in Montana. Plants with few collections often have insufficient information to determine how the species responds to disturbance and/or what it requires for habitat. • Panel usually did not assign a C-value to a species represented only from very old collections. Plants collected from a long, long time ago may no longer be present and aren’t observed enough to really know how the species tolerates disturbance and/or what it requires for habitat.

3.0 SUMMARY

In 2016, 316 plant taxa (species, varieties, subspecies, or hybrids) that occur on the National Wetland Plants Lists and are known, reported, or previously documented in literature to occur in Montana were evaluated. Of the 316 plants: a) a C-value was assigned to 211 plants accurately documented to occur in Montana, b) 49 plants could not be assigned a C-value because of too few Montana collections and/or lacked information regarding their habitat and/or response to disturbance, c) 10 plants are hybrids or have taxonomic problems and were not assigned a C-value, d) 13 plants are reported to occur in Montana, but verified specimens have not been found

and the plant cannot be assigned a C-value, and e) 33 plants were not assigned a C-value after documented research indicated they are not present (at this time) in Montana.

The 2016 panel also reviewed the origin of the 316 plant taxa in Montana. Discussions within the panel, a review of literature and on-line databases, and an examination of herbaria specimens resulted in a determination of (Montana) origin for 19 species. The previously ‘unknown/undetermined’ origin changed to native or likely native for 17 species and to likely exotic for 2 species. The origin of a species in Montana represents MTNHP’s best guess, which is based on literature, herbarium records, and expert opinions; for some taxa experts will have opposing opinions.

In 2005 and 2015, the MTNHP assigned C-values for 1,412 species or varieties. With the 2016 assignments, 1,623 Montana plant taxa have an assigned C-value (**Appendix B**). Another 72 plant taxa were evaluated but either more information on the plant’s habitat and response to disturbance is needed, its taxonomy needs to be understood, or its presence in Montana needs to be confirmed before a C-value can be assigned. For the majority of plant taxa, and for reasons not given in this publication, the Montana Natural Heritage Botany Program believes it is more realistic and reasonable to assign a C-value at the species level (as opposed to hybrids, varieties, and subspecies). For vascular plants in Montana, approximately 1,208 unique taxa or approximately 948 species still lack a C-value.

The Montana Natural Heritage Botany Program has and will continue to house and maintain the C-value dataset (processes, database, and documentation). The methods and assigned C-values are available on the MTNHP website (<http://mtnhp.org/>). Future funding opportunities will continue to be explored in order to complete the assignment of C-values for the remaining approximate 948 plant species (**Appendix B**).

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Appendix A

Dichotomous Key for Coefficient of Conservatism Rankings

Figure A-1. The Dichotomous Key for Coefficient of Conservatism Rankings, taken from Zomlefer, W., L. Chafin, J. Carter, and D. Giannasi. 2013. Coefficient of Conservatism Rankings for the Flora of Georgia: Wetland Indicator Species. Southeastern Naturalist, 12(4): 790-808. Eagle Hill Institute.

Dichotomous Key for Coefficient of Conservatism Rankings	
(a) Non-native species.....	(b)
(b) invasive	rank 0
(b) relatively benign	rank 1
(a) Native species.....	(c)
(c) opportunistic, broad range of ecological tolerance, more or less restricted to areas subject to human disturbance.....	rank 2
(c) non-opportunistic, intermediate to narrow range of ecological tolerance.....	(d)
(d) intermediate range of ecological tolerance, typifies a stable phase of some native community, thrives and/or persists under natural or human disturbance.....	(e)
(e) persists and/or thrives under natural or human disturbance.....	rank 3
(e) persists but does not thrive under limited natural or human disturbance.....	(f)
(f) persists with some disturbance.....	rank 4
(f) persists with a little disturbance.....	rank 5
(d) narrow range of ecological tolerance, typifies a stable or near climax community (including fire-dependent disclimax communities), tolerates little to no disturbance (unless surrogate for fire or other natural disturbance).....	(g)
(g) moderate fidelity to a narrow habitat requirement, may or may not tolerate limited disturbance.....	(h)
(h) more or less narrow range of ecological tolerance, tolerates limited disturbance.....	rank 6
(h) narrower range of ecological tolerance, does not tolerate disturbance.....	(i)
(i) somewhat narrow range of ecological tolerance.....	rank 7
(i) narrow range of ecological tolerance.....	rank 8
(g) high fidelity to a narrow range of habitat requirement, does not tolerate disturbance.....	(j)
(j) narrow range of ecological tolerance, relatively high fidelity to a narrow range of habitat requirement.....	rank 9
(j) very narrow range of ecological tolerance, very high fidelity to a very narrow range habitat requirement.....	rank 10

Appendix B

2013 Montana Vascular Plant Checklist with C-values and Origins

Table 4. The 2013 checklist of Montana vascular plants with selected synonyms and 2015/2016 revised origins and C-values.

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Pinaceae	Abies grandis	Native	6
Pinaceae	Abies lasiocarpa	Native	4
Nyctaginaceae	Abronia fragrans	Native	-
Malvaceae	Abutilon theophrasti	Exotic	1
Aceraceae	Acer glabrum	Native	4
Aceraceae	Acer negundo	Native	2
Aceraceae	Acer platanoides	Exotic	1
Asteraceae	Achillea millefolium	Native	3
Asteraceae	Achillea nobilis	Exotic	1
Asteraceae	Achillea ptarmica	Exotic	1
Ranunculaceae	Aconitum columbianum	Native	5
Acoraceae	Acorus americanus	Native	9
Acoraceae	Acorus calamus²		absent
Asteraceae	Acroptilon repens	Exotic	0
Ranunculaceae	Actaea rubra	Native	7
Asteraceae	Adenocaulon bicolor	Native	-
Pteridaceae	Adiantum aleuticum	Native	7
Ranunculaceae	Adonis aestivalis	Exotic	1
Adoxaceae	Adoxa moschatellina	Native	9
Poaceae	Aegilops cylindrica	Exotic	1
Lamiaceae	Agastache cusickii	Native	-
Lamiaceae	Agastache foeniculum	Native	-
Lamiaceae	Agastache urticifolia	Native	4
Asteraceae	Ageratina occidentalis	Native	-
Asteraceae	Agoseris aurantiaca	Native	5
Asteraceae	Agoseris glauca	Native	4
Asteraceae	Agoseris glauca var. dasycephala	Native	-
Asteraceae	Agoseris glauca var. glauca	Native	-
Asteraceae	Agoseris grandiflora	Native	-
Asteraceae	Agoseris heterophylla	Native	-
Asteraceae	Agoseris lackschewitzii	Native	6
Asteraceae	Agoseris parviflora	Native	4
Rosaceae	Agrimonia gryposepala	Native	6
Rosaceae	Agrimonia striata	Native	4
Poaceae	Agropyron cristatum	Exotic	0
Caryophyllaceae	Agrostemma githago	Exotic	1
Poaceae	Agrostis capillaris	Exotic	1
Poaceae	Agrostis exarata	Native	3
Poaceae	Agrostis gigantea	Exotic	0
Poaceae	Agrostis humilis Podagrostis humilis ²	Native	8
Poaceae	Agrostis idahoensis	Native	4
Poaceae	Agrostis mertensii	Native	6
Poaceae	Agrostis oregonensis	Native	6
Poaceae	Agrostis pallens	Native	6
Poaceae	Agrostis scabra	Native	2
Poaceae	Agrostis stolonifera	Exotic	0
Poaceae	Agrostis thurberiana	Native	4
Poaceae	Agrostis variabilis	Native	4
Lamiaceae	Ajuga reptans	Exotic	1

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Rosaceae	<i>Alchemilla xanthochlora</i>	Exotic	1
Alismataceae	<i>Alisma gramineum</i>	Native	6
Alismataceae	<i>Alisma triviale</i>	Native	6
Liliaceae	<i>Allium acuminatum</i>	Native	-
Liliaceae	<i>Allium brandegeei</i>	Unknown / Undetermined	-
Liliaceae	<i>Allium brevistylum</i>	Native	6
Liliaceae	<i>Allium canadense</i>²		absent
Liliaceae	<i>Allium cernuum</i>	Native	4
Liliaceae	<i>Allium columbianum</i>	Native	-
Liliaceae	<i>Allium fibrillum</i>	Native	-
Liliaceae	<i>Allium geyeri</i>	Native	4
Liliaceae	<i>Allium geyeri</i> var. <i>geyeri</i>	Native	-
Liliaceae	<i>Allium geyeri</i> var. <i>tenerum</i>	Native	-
Liliaceae	<i>Allium parvum</i>	Native	-
Liliaceae	<i>Allium schoenoprasum</i>	Native	6
Liliaceae	<i>Allium simillimum</i>	Native	-
Liliaceae	<i>Allium textile</i>	Native	-
Ericaceae	<i>Allotropa virgata</i>	Native	-
Asteraceae	<i>Almutaster pauciflorus</i>	Native	7
Betulaceae	<i>Alnus incana</i>	Native	6
Betulaceae	<i>Alnus rubra</i>	Native	-
Betulaceae	<i>Alnus viridis</i>	Native	6
Poaceae	<i>Alopecurus aequalis</i>	Native	4
Poaceae	<i>Alopecurus arundinaceus</i>	Exotic	0
Poaceae	<i>Alopecurus carolinianus</i>	Native	4
Poaceae	<i>Alopecurus geniculatus</i>	Exotic	1
Poaceae	<i>Alopecurus magellanicus</i>	Native	6
Poaceae	<i>Alopecurus pratensis</i>	Exotic	0
Brassicaceae	<i>Alyssum alyssoides</i>	Exotic	0
Brassicaceae	<i>Alyssum desertorum</i>	Exotic	0
Brassicaceae	<i>Alyssum simplex</i>	Exotic	0
Amaranthaceae	<i>Amaranthus albus</i>	Likely Exotic	1
Amaranthaceae	<i>Amaranthus arenicola</i>	Likely Exotic	1
Amaranthaceae	<i>Amaranthus blitoides</i>	Native	2
Amaranthaceae	<i>Amaranthus californicus</i>	Unknown / Undetermined	7
Amaranthaceae	<i>Amaranthus hybridus</i>	Exotic	1
Amaranthaceae	<i>Amaranthus powellii</i>	Unknown / Undetermined	-
Amaranthaceae	<i>Amaranthus retroflexus</i>	Native	2
Amaranthaceae	<i>Amaranthus tuberculatus</i>	Exotic	1
Asteraceae	<i>Ambrosia acanthicarpa</i>	Native	-
Asteraceae	<i>Ambrosia artemisiifolia</i>	Native	-
Asteraceae	<i>Ambrosia psilostachya</i>	Native	3
Asteraceae	<i>Ambrosia tomentosa</i>	Native	-
Asteraceae	<i>Ambrosia trifida</i>	Native	2
Rosaceae	<i>Amelanchier alnifolia</i>	Native	4
Malvaceae	<i>Alcea rosea</i>	Exotic	1

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Rosaceae	Amelanchier utahensis	Native	4
Orchidaceae	Amerorchis rotundifolia	Native	10
Lythraceae	Ammannia robusta	Native	6
Fabaceae	Amorpha canescens	Native	-
Cyperaceae	Amphiscirpus nevadensis	Native	9
Boraginaceae	Amsinckia lycopsoides	Native	-
Boraginaceae	Amsinckia menziesii	Exotic	-
Myrsinaceae	Anagallis arvensis	Exotic	1
Asteraceae	Anaphalis margaritacea	Native	3
Boraginaceae	Anchusa arvensis	Exotic	1
Boraginaceae	Anchusa azurea	Exotic	1
Boraginaceae	Anchusa officinalis	Exotic	1
Poaceae	Andropogon gerardii	Native	4
Poaceae	Andropogon hallii	Native	-
Primulaceae	Androsace chamaejasme	Native	7
Primulaceae	Androsace filiformis	Native	2
Primulaceae	Androsace occidentalis	Native	3
Primulaceae	Androsace septentrionalis	Native	3
Ranunculaceae	Anemone canadensis	Native	4
Ranunculaceae	Anemone cylindrica	Native	-
Ranunculaceae	Anemone drummondii var. lithophila	Native	-
Ranunculaceae	Anemone multifida	Native	-
Ranunculaceae	Anemone multifida var. multifida	Native	-
Ranunculaceae	Anemone multifida var. tetonensis	Native	-
Ranunculaceae	Anemone occidentalis	Native	-
Ranunculaceae	Anemone parviflora	Native	6
Ranunculaceae	Anemone patens	Native	-
Ranunculaceae	Anemone piperi	Native	5
Apiaceae	Angelica arguta	Native	5
Apiaceae	Angelica dawsonii	Native	7
Apiaceae	Angelica pinnata	Native	4
Apiaceae	Angelica roseana	Native	-
Asteraceae	Antennaria alpina	Native	9
Asteraceae	Antennaria anaphaloides	Native	4
Asteraceae	Antennaria aromatica	Native	7
Asteraceae	Antennaria corymbosa	Native	6
Asteraceae	Antennaria densifolia	Native	9
Asteraceae	Antennaria dimorpha	Native	4
Asteraceae	Antennaria howellii	Native	4
Asteraceae	Antennaria lanata	Native	7
Asteraceae	Antennaria luzuloides	Native	4
Asteraceae	Antennaria media	Native	5
Asteraceae	Antennaria microphylla	Native	4
Asteraceae	Antennaria monocephala	Native	8
Asteraceae	Antennaria neglecta syn. A. howellii	Native	4
Asteraceae	Antennaria parvifolia	Native	4
Asteraceae	Antennaria pulcherrima	Native	7
Asteraceae	Antennaria racemosa	Native	4
Asteraceae	Antennaria rosea	Native	4

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Asteraceae	<i>Antennaria umbrinella</i>	Native	4
Asteraceae	<i>Anthemis arvensis</i>	Exotic	1
Asteraceae	<i>Anthemis cotula</i>	Exotic	1
Asteraceae	<i>Anthemis tinctoria</i>	Exotic	1
Poaceae	<i>Anthoxanthum hirtum</i>	Native	8
Poaceae	<i>Anthoxanthum odoratum</i>	Exotic	1
Apiaceae	<i>Anthriscus cerefolium</i>	Exotic	1
Poaceae	<i>Apera interrupta</i>	Exotic	1
Apocynaceae	Apocynum androsaemifolium	Native	3
Apocynaceae	<i>Apocynum cannabinum</i>	Native	4
Ranunculaceae	<i>Aquilegia brevistyla</i>	Native	-
Ranunculaceae	<i>Aquilegia coerulea</i>	Native	6
Ranunculaceae	<i>Aquilegia flavescens</i>	Native	-
Ranunculaceae	<i>Aquilegia formosa</i>	Native	6
Ranunculaceae	<i>Aquilegia jonesii</i>	Native	-
Brassicaceae	Arabidopsis lyrata	Native	Insuff. Info.
Brassicaceae	<i>Arabidopsis thaliana</i>	Exotic	1
Brassicaceae	<i>Arabis hirsuta</i>	Native	-
Brassicaceae	<i>Arabis nuttallii</i>	Native	-
Araliaceae	Aralia nudicaulis	Native	5
Viscaceae	<i>Arceuthobium americanum</i>	Native	-
Viscaceae	<i>Arceuthobium campylopodum</i>	Native	-
Viscaceae	<i>Arceuthobium cyanocarpum</i>	Native	-
Viscaceae	<i>Arceuthobium douglasii</i>	Native	-
Viscaceae	<i>Arceuthobium laricis</i>	Native	-
Asteraceae	<i>Arctium lappa</i>	Exotic	0
Asteraceae	<i>Arctium minus</i>	Exotic	0
Ericaceae	<i>Arctostaphylos patula</i>	Native	-
Ericaceae	Arctostaphylos uva-ursi	Native	4
Caryophyllaceae	<i>Arenaria aculeata</i>	Native	-
Caryophyllaceae	<i>Arenaria capillaris</i>	Native	-
Caryophyllaceae	<i>Arenaria congesta</i>	Native	-
Caryophyllaceae	<i>Arenaria congesta</i> var. <i>cephaloidea</i>	Native	-
Caryophyllaceae	<i>Arenaria congesta</i> var. <i>congesta</i>	Native	-
Caryophyllaceae	<i>Arenaria congesta</i> var. <i>lithophila</i>	Native	-
Caryophyllaceae	<i>Arenaria hookeri</i>	Native	-
Caryophyllaceae	<i>Arenaria kingii</i>	Native	-
Caryophyllaceae	<i>Arenaria serpyllifolia</i>	Exotic	0
Papaveraceae	<i>Argemone polyanthemus</i>	Unknown / Undetermined	-
Rosaceae	<i>Argentina anserina</i> syn. <i>Potentilla anserina</i> ²	Native	3
Poaceae	<i>Aristida purpurea</i>	Native	-
Asteraceae	<i>Arnica amplexicaulis</i>	Native	5
Asteraceae	<i>Arnica angustifolia</i>	Native	-
Asteraceae	<i>Arnica chamissonis</i>	Native	5
Asteraceae	<i>Arnica cordifolia</i>	Native	-
Asteraceae	Arnica fulgens	Native	4
Asteraceae	<i>Arnica latifolia</i>	Native	4
Asteraceae	<i>Arnica latifolia</i> var. <i>gracilis</i>	Native	-
Asteraceae	<i>Arnica latifolia</i> var. <i>latifolia</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Asteraceae	<i>Arnica longifolia</i>	Native	7
Asteraceae	<i>Arnica mollis</i>	Native	6
Asteraceae	<i>Arnica parryi</i>	Native	-
Asteraceae	<i>Arnica rydbergii</i>	Native	-
Asteraceae	<i>Arnica sororia</i>	Native	-
Asteraceae	<i>Arnica x diversifolia</i>	Native	5
Poaceae	<i>Arrhenatherum elatius</i>	Exotic	0
Asteraceae	<i>Artemisia absinthium</i>	Exotic	0
Asteraceae	<i>Artemisia annua</i>	Exotic	1
Asteraceae	<i>Artemisia arbuscula</i>	Native	-
Asteraceae	<i>Artemisia arbuscula ssp. arbuscula</i>	Native	-
Asteraceae	<i>Artemisia arbuscula ssp. longiloba</i>	Native	-
Asteraceae	<i>Artemisia biennis</i>	Native	2
Asteraceae	<i>Artemisia campestris</i>	Native	4
Asteraceae	<i>Artemisia campestris ssp. borealis</i>	Native	-
Asteraceae	<i>Artemisia campestris ssp. caudata</i>	Native	-
Asteraceae	<i>Artemisia campestris ssp. pacifica</i>	Native	-
Asteraceae	<i>Artemisia cana</i>	Native	4
Asteraceae	<i>Artemisia cana ssp. cana</i>	Native	-
Asteraceae	<i>Artemisia cana ssp. viscidula</i>	Native	-
Asteraceae	<i>Artemisia dracunculus</i>	Native	-
Asteraceae	<i>Artemisia frigida</i>	Native	-
Asteraceae	<i>Artemisia lindleyana</i>	Native	7
Asteraceae	<i>Artemisia longifolia</i>	Native	-
Asteraceae	<i>Artemisia ludoviciana</i>	Native	3
Asteraceae	<i>Artemisia ludoviciana ssp. candicans</i>	Native	-
Asteraceae	<i>Artemisia ludoviciana ssp. incompta</i>	Native	-
Asteraceae	<i>Artemisia ludoviciana ssp. ludoviciana</i>	Native	-
Asteraceae	<i>Artemisia michauxiana</i>	Native	-
Asteraceae	<i>Artemisia norvegica</i>²		absent
Asteraceae	<i>Artemisia nova</i>	Native	-
Asteraceae	<i>Artemisia pedatifida</i>	Native	-
Asteraceae	<i>Artemisia porteri</i>	Unknown / Undetermined	-
Asteraceae	<i>Artemisia rigida</i>	Unknown / Undetermined	-
Asteraceae	<i>Artemisia scopulorum</i>	Native	-
Asteraceae	<i>Artemisia spinescens</i>	Native	-
Asteraceae	<i>Artemisia tilesii</i>	Native	4
Asteraceae	<i>Artemisia tridentata</i>	Native	-
Asteraceae	<i>Artemisia tridentata ssp. tridentata</i>	Native	5
Asteraceae	<i>Artemisia tridentata ssp. vaseyana</i>	Native	3
Asteraceae	<i>Artemisia tridentata ssp. wyomingensis</i>	Native	4
Asteraceae	<i>Artemisia tripartita</i>	Native	-
Asteraceae	<i>Artemisia tripartita ssp. rupicola</i>	Native	-
Asteraceae	<i>Artemisia tripartita ssp. tripartita</i>	Native	-
Aristolochiaceae	<i>Asarum caudatum</i>	Native	8
Asclepiadaceae	<i>Asclepias incarnata</i>	Native	6
Asclepiadaceae	<i>Asclepias ovalifolia</i>	Native	-
Asclepiadaceae	<i>Asclepias pumila</i>	Native	5

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Asclepiadaceae	<i>Asclepias speciosa</i>	Native	-
Asclepiadaceae	<i>Asclepias stenophylla</i>	Native	-
Asclepiadaceae	<i>Asclepias syriaca</i>²		absent
Asclepiadaceae	<i>Asclepias verticillata</i>	Native	5
Asclepiadaceae	<i>Asclepias viridiflora</i>	Native	-
Liliaceae	<i>Asparagus officinalis</i>	Exotic	1
Boraginaceae	<i>Asperugo procumbens</i>	Exotic	0
Pteridaceae	<i>Aspidotis densa</i>	Native	-
Aspleniaceae	<i>Asplenium trichomanes</i>	Native	insuff. info.
Aspleniaceae	<i>Asplenium trichomanes-ramosum</i>	Native	-
Fabaceae	<i>Astragalus adsurgens</i>	Native	-
Fabaceae	<i>Astragalus agrestis</i>	Native	3
Fabaceae	<i>Astragalus alpinus</i>	Native	4
Fabaceae	<i>Astragalus americanus</i>	Native	6
Fabaceae	<i>Astragalus aretioides</i>	Native	-
Fabaceae	<i>Astragalus argophyllus</i>	Native	6
Fabaceae	<i>Astragalus atropubescens</i>	Native	-
Fabaceae	<i>Astragalus australis</i>	Native	-
Fabaceae	<i>Astragalus barrii</i>	Native	-
Fabaceae	<i>Astragalus bisulcatus</i>	Native	-
Fabaceae	<i>Astragalus bourgovii</i>	Native	-
Fabaceae	<i>Astragalus canadensis</i>	Native	3
Fabaceae	<i>Astragalus canadensis</i> var. <i>brevidens</i>	Native	-
Fabaceae	<i>Astragalus canadensis</i> var. <i>canadensis</i>	Native	-
Fabaceae	<i>Astragalus canadensis</i> var. <i>mortonii</i>	Native	-
Fabaceae	<i>Astragalus ceramicus</i>	Native	-
Fabaceae	<i>Astragalus ceramicus</i> var. <i>apus</i>	Native	-
Fabaceae	<i>Astragalus ceramicus</i> var. <i>filifolius</i>	Native	-
Fabaceae	<i>Astragalus chamaeleuce</i>	Native	-
Fabaceae	<i>Astragalus cibarius</i>	Native	-
Fabaceae	<i>Astragalus cicer</i>	Exotic	1
Fabaceae	<i>Astragalus convallarius</i>	Native	-
Fabaceae	<i>Astragalus crassicaarpus</i>	Native	-
Fabaceae	<i>Astragalus crassicaarpus</i> var. <i>crassicaarpus</i>	Native	-
Fabaceae	<i>Astragalus crassicaarpus</i> var. <i>paysonii</i>	Native	-
Fabaceae	<i>Astragalus drummondii</i>	Native	-
Fabaceae	<i>Astragalus eucosmus</i>	Native	6
Fabaceae	<i>Astragalus falcatus</i>	Exotic	1
Fabaceae	<i>Astragalus flexuosus</i>	Native	-
Fabaceae	<i>Astragalus geyeri</i>	Native	-
Fabaceae	<i>Astragalus gilviflorus</i>	Native	-
Fabaceae	<i>Astragalus gracilis</i>	Native	-
Fabaceae	<i>Astragalus grayi</i>	Native	-
Fabaceae	<i>Astragalus hyalinus</i>	Native	-
Fabaceae	<i>Astragalus inflexus</i>	Native	-
Fabaceae	<i>Astragalus kentrophyta</i>	Native	-
Fabaceae	<i>Astragalus kentrophyta</i> var. <i>kentrophyta</i>	Native	-
Fabaceae	<i>Astragalus kentrophyta</i> var. <i>tegetarius</i>	Native	-
Fabaceae	<i>Astragalus lackschewitzii</i>	Native	-
Fabaceae	<i>Astragalus lentiginosus</i>	Native	4
Fabaceae	<i>Astragalus lentiginosus</i> var. <i>salinus</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Fabaceae	<i>Astragalus leptaleus</i>	Native	6
Fabaceae	<i>Astragalus lotiflorus</i>	Native	-
Fabaceae	<i>Astragalus microcystis</i>	Native	-
Fabaceae	<i>Astragalus miser</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>crispatus</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>decumbens</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>hylophilus</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>miser</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>praeteritus</i>	Native	-
Fabaceae	<i>Astragalus miser</i> var. <i>serotinus</i>	Native	-
Fabaceae	<i>Astragalus missouriensis</i>	Native	-
Fabaceae	<i>Astragalus oreganus</i>	Native	-
Fabaceae	<i>Astragalus pectinatus</i>	Native	-
Fabaceae	<i>Astragalus plattensis</i>	Native	-
Fabaceae	<i>Astragalus platytropis</i>	Native	-
Fabaceae	<i>Astragalus purshii</i>	Native	-
Fabaceae	<i>Astragalus purshii</i> var. <i>concinus</i>	Native	-
Fabaceae	<i>Astragalus purshii</i> var. <i>purshii</i>	Native	-
Fabaceae	<i>Astragalus racemosus</i>	Native	-
Fabaceae	<i>Astragalus robbinsii</i>	Native	5
Fabaceae	<i>Astragalus scaphoides</i>	Native	-
Fabaceae	<i>Astragalus shortianus</i>	Native	-
Fabaceae	<i>Astragalus spatulatus</i>	Native	-
Fabaceae	<i>Astragalus tenellus</i>	Native	-
Fabaceae	<i>Astragalus terminalis</i>	Native	-
Fabaceae	<i>Astragalus vexilliflexus</i>	Native	-
Dryopteridaceae	<i>Athyrium alpestre</i>	Native	7
Dryopteridaceae	<i>Athyrium filix-femina</i>	Native	5
Brassicaceae	<i>Athysanus pusillus</i>	Native	-
Amaranthaceae	<i>Atriplex argentea</i>	Native	3
Amaranthaceae	<i>Atriplex canescens</i>	Native	-
Amaranthaceae	<i>Atriplex confertifolia</i>	Native	-
Amaranthaceae	<i>Atriplex dioica</i>	Native	3
Amaranthaceae	<i>Atriplex gardneri</i>	Native	-
Amaranthaceae	<i>Atriplex heterosperma</i>	Exotic	0
Amaranthaceae	<i>Atriplex hortensis</i>	Exotic	1
Amaranthaceae	<i>Atriplex patula</i>	Unknown / Undetermined	0
Amaranthaceae	<i>Atriplex powellii</i>	Native	-
Amaranthaceae	<i>Atriplex prostrata</i>	Unknown / Undetermined	-
Amaranthaceae	<i>Atriplex rosea</i>	Exotic	1
Amaranthaceae	<i>Atriplex suckleyi</i>	Native	-
Amaranthaceae	<i>Atriplex truncata</i>	Native	5
Poaceae	<i>Avena barbata</i>	Exotic	0
Poaceae	<i>Avena fatua</i>	Exotic	1
Poaceae	<i>Avena sativa</i>	Exotic	1
Amaranthaceae	<i>Axyris amaranthoides</i>	Exotic	1
Azollaceae	<i>Azolla filiculoides</i>	Unknown / Undetermined	insuff. info.

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Plantaginaceae	Bacopa rotundifolia	Native	7
Asteraceae	Balsamorhiza hookeri	Native	-
Asteraceae	Balsamorhiza incana	Native	-
Asteraceae	Balsamorhiza macrophylla	Native	-
Asteraceae	Balsamorhiza sagittata	Native	-
Brassicaceae	Barbarea orthoceras	Native	4
Brassicaceae	Barbarea vulgaris	Exotic	1
Amaranthaceae	Bassia hyssopifolia	Exotic	1
Poaceae	Beckmannia syzigachne	Native	4
Asteraceae	Bellis perennis	Exotic	1
Berberidaceae	Berberis aquifolium	Native	-
Berberidaceae	Berberis nervosa	Native	-
Berberidaceae	Berberis repens	Native	-
Berberidaceae	Berberis vulgaris	Exotic	1
Brassicaceae	Berteroa incana	Exotic	0
Apiaceae	Berula erecta	Native	7
Plantaginaceae	Besseyia rubra	Native	-
Plantaginaceae	Besseyia wyomingensis	Native	-
Betulaceae	Betula glandulosa	Native	8
Betulaceae	Betula occidentalis	Native	5
Betulaceae	Betula papyrifera	Native	3
Betulaceae	Betula pumila	Native	6
Betulaceae	Betula X sandergii	Unknown / Undetermined	NA
Betulaceae	Betula X sargentii	Native	NA
Betulaceae	Betula X utahensis	Native	NA
Asteraceae	Bidens beckii	Native	8
Asteraceae	Bidens cernua	Native	4
Asteraceae	Bidens comosa	Native	6
Asteraceae	Bidens frondosa	Native	6
Asteraceae	Bidens vulgata	Native	6
Brassicaceae	Boechera calderi	Native	-
Brassicaceae	Boechera collinsii	Native	-
Brassicaceae	Boechera demissa	Native	-
Brassicaceae	Boechera divaricarpa	Native	-
Brassicaceae	Boechera fecunda	Native	-
Brassicaceae	Boechera grahamii	Native	NA
Brassicaceae	Boechera lemmonii	Native	4
Brassicaceae	Boechera lyallii	Native	-
Brassicaceae	Boechera microphylla	Native	-
Brassicaceae	Boechera microphylla var. macounii	Native	-
Brassicaceae	Boechera microphylla var. microphylla	Native	-
Brassicaceae	Boechera pauciflora	Native	-
Brassicaceae	Boechera pendulocarpa	Native	-
Brassicaceae	Boechera polyantha	Native	-
Brassicaceae	Boechera retrofracta	Native	-
Brassicaceae	Boechera saximontana	Native	-
Brassicaceae	Boechera sparsiflora	Native	-
Brassicaceae	Boechera stricta	Native	4
Cyperaceae	Bolboschoenus fluviatilis Schoenoplectus fluviatilis	Native	4
Cyperaceae	Bolboschoenus maritimus Schoenoplectus maritimus	Native	6

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Boraginaceae	<i>Borago officinalis</i>	Exotic	1
Poaceae	<i>Bothriochloa ischaemum</i>	Exotic	1
Ophioglossaceae	<i>Botrychium adnatum</i>	Native	-
Ophioglossaceae	<i>Botrychium ascendens</i>	Native	4
Ophioglossaceae	<i>Botrychium campestre</i>	Native	-
Ophioglossaceae	<i>Botrychium crenulatum</i>	Native	4
Ophioglossaceae	<i>Botrychium gallicomontanum</i>	Native	-
Ophioglossaceae	<i>Botrychium hesperium</i>	Native	-
Ophioglossaceae	<i>Botrychium lanceolatum</i>	Native	6
Ophioglossaceae	<i>Botrychium lineare</i>	Native	-
Ophioglossaceae	<i>Botrychium lunaria</i>	Native	4
Ophioglossaceae	<i>Botrychium michiganense</i>	Native	-
Ophioglossaceae	<i>Botrychium minganense</i>	Native	-
Ophioglossaceae	<i>Botrychium montanum</i>	Native	-
Ophioglossaceae	<i>Botrychium multifidum</i>	Native	8
Ophioglossaceae	<i>Botrychium pallidum</i>	Native	-
Ophioglossaceae	<i>Botrychium paradoxum</i>	Native	-
Ophioglossaceae	<i>Botrychium pedunculosum</i>	Native	-
Ophioglossaceae	<i>Botrychium pinnatum</i>	Native	7
Ophioglossaceae	<i>Botrychium simplex</i>	Native	6
Ophioglossaceae	<i>Botrychium spathulatum</i>	Native	-
Ophioglossaceae	<i>Botrychium tunux</i>	Native	-
Ophioglossaceae	<i>Botrychium virginianum</i>	Native	4
Ophioglossaceae	<i>Botrychium x watertonense</i>	Native	-
Ophioglossaceae	<i>Botrychium yaaxudakeit</i>	Native	-
Poaceae	<i>Bouteloua barbata</i>	Native	-
Poaceae	<i>Bouteloua curtipendula</i>	Native	-
Poaceae	<i>Bouteloua gracilis</i>	Native	-
Saxifragaceae	<i>Boykinia major</i>	Native	7
Cabombaceae	<i>Brasenia schreberi</i>	Native	9
Brassicaceae	<i>Brassica juncea</i>	Exotic	1
Brassicaceae	<i>Brassica nigra</i>	Exotic	1
Brassicaceae	<i>Brassica rapa</i>	Exotic	1
Brassicaceae	<i>Braya humilis</i>	Native	6
Asteraceae	<i>Brickellia eupatorioides</i>	Native	-
Asteraceae	<i>Brickellia grandiflora</i>	Native	-
Asteraceae	<i>Brickellia oblongifolia</i>	Native	-
Poaceae	<i>Bromus arvensis</i>	Exotic	1
Poaceae	<i>Bromus berterianus</i>	Exotic	1
Poaceae	<i>Bromus briziformis</i>	Exotic	1
Poaceae	<i>Bromus carinatus</i>	Native	5
Poaceae	<i>Bromus ciliatus</i>	Native	6
Poaceae	<i>Bromus commutatus</i>	Exotic	1
Poaceae	<i>Bromus diandrus</i>	Exotic	0
Poaceae	<i>Bromus hordeaceus</i>	Exotic	1
Poaceae	<i>Bromus inermis</i>	Exotic/Native	-
Poaceae	<i>Bromus inermis ssp. inermis</i>	Exotic	0
Poaceae	<i>Bromus inermis ssp. pumpellianus</i>	Native	-
Poaceae	<i>Bromus japonicus</i>	Exotic	0
Poaceae	<i>Bromus latiglumis</i>²		absent

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Poaceae	Bromus polyanthus	Unknown / Undetermined	-
Poaceae	Bromus porteri	Native	-
Poaceae	Bromus racemosus	Exotic	1
Poaceae	Bromus richardsonii	Native	-
Poaceae	Bromus secalinus	Exotic	1
Poaceae	Bromus squarrosus	Exotic	1
Poaceae	Bromus tectorum	Exotic	0
Poaceae	Bromus vulgaris	Native	4
Cucurbitaceae	Bryonia alba	Exotic	1
Poaceae	Buchloe dactyloides	Native	-
Cyperaceae	Bulbostylis capillaris	Native	insuff. info.
Apiaceae	Bupleurum americanum	Native	-
Butomaceae	Butomus umbellatus	Exotic	0
Poaceae	Calamagrostis canadensis	Native	5
Poaceae	Calamagrostis koelerioides	Native	-
Poaceae	Calamagrostis montanensis	Native	-
Poaceae	Calamagrostis purpurascens	Native	-
Poaceae	Calamagrostis rubescens	Native	-
Poaceae	Calamagrostis scopulorum	Native	4
Poaceae	Calamagrostis stricta	Native	6
Poaceae	Calamagrostis tweedyi	Native	4
Poaceae	Calamovilfa longifolia	Native	-
Callitrichaceae	Callitriche hermaphroditica	Native	6
Callitrichaceae	Callitriche heterophylla	Native	3
Callitrichaceae	Callitriche palustris	Native	6
Callitrichaceae	Callitriche stagnalis	Exotic	1
Liliaceae	Calochortus apiculatus	Native	-
Liliaceae	Calochortus bruneaunis	Native	-
Liliaceae	Calochortus elegans	Native	-
Liliaceae	Calochortus eurycarpus	Native	-
Liliaceae	Calochortus gunnisonii	Native	-
Liliaceae	Calochortus macrocarpus	Native	-
Liliaceae	Calochortus nuttallii	Native	-
Ranunculaceae	Caltha leptosepala	Native	7
Onagraceae	Calylophus serrulatus	Native	-
Orchidaceae	Calypso bulbosa	Native	6
Orchidaceae	Calypso bulbosa var. americana	Native	-
Orchidaceae	Calypso bulbosa var. occidentalis	Native	-
Convolvulaceae	Calystegia macounii	Unknown / Undetermined	-
Convolvulaceae	Calystegia sepium	Exotic	1
Liliaceae	Camassia quamash	Native	6
Brassicaceae	Camelina microcarpa	Exotic	0
Brassicaceae	Camelina sativa	Exotic	1
Onagraceae	Camissonia andina	Native	-
Onagraceae	Camissonia breviflora	Native	5
Onagraceae	Camissonia minor	Native	-
Onagraceae	Camissonia parvula	Native	-
Onagraceae	Camissonia scapoidea	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Onagraceae	Camissonia subacaulis	Native	5
Onagraceae	Camissonia tanacetifolia	Unknown / Undetermined	-
Campanulaceae	Campanula glomerata	Exotic	0
Campanulaceae	Campanula medium	Exotic	1
Campanulaceae	Campanula parryi	Native	7
Campanulaceae	Campanula rapunculoides	Exotic	0
Campanulaceae	Campanula rotundifolia	Native	3
Campanulaceae	Campanula scabrella	Native	-
Campanulaceae	Campanula uniflora	Native	9
Asteraceae	Canadanthus modestus	Native	6
Cannabaceae	Cannabis sativa	Exotic	1
Brassicaceae	Capsella bursa-pastoris	Exotic	0
Fabaceae	Caragana arborescens	Exotic	1
Brassicaceae	Cardamine breweri	Native	7
Brassicaceae	Cardamine oligosperma	Native	3
Brassicaceae	Cardamine oligosperma var. kantschatica	Native	-
Brassicaceae	Cardamine oligosperma var. oligosperma	Native	-
Brassicaceae	Cardamine pensylvanica	Native	3
Brassicaceae	Cardamine rupicola	Native	-
Asteraceae	Carduus acanthoides	Exotic	0
Asteraceae	Carduus nutans	Exotic	0
Cyperaceae	Carex albonigra	Native	5
Cyperaceae	Carex amplifolia	Native	5
Cyperaceae	Carex angustata²		absent
Cyperaceae	Carex aperta	Native	6
Cyperaceae	Carex aquatilis	Native	5
Cyperaceae	Carex aquatilis var. aquatilis	Native	-
Cyperaceae	Carex aquatilis var. dives	Native	-
Cyperaceae	Carex arcta	Native	6
Cyperaceae	Carex atherodes	Native	5
Cyperaceae	Carex athrostachya	Native	4
Cyperaceae	Carex atosquama	Native	5
Cyperaceae	Carex aurea	Native	6
Cyperaceae	Carex backii	Native	-
Cyperaceae	Carex bebbii	Native	7
Cyperaceae	Carex bolanderi	Native	6
Cyperaceae	Carex brevior	Native	4
Cyperaceae	Carex brunnescens	Native	8
Cyperaceae	Carex buxbaumii	Native	8
Cyperaceae	Carex canescens	Native	8
Cyperaceae	Carex capillaris	Native	8
Cyperaceae	Carex capitata	Native	7
Cyperaceae	Carex chalciolepis	Native	7
Cyperaceae	Carex chordorrhiza	Native	9
Cyperaceae	Carex comosa	Native	7
Cyperaceae	Carex concinna	Native	7
Cyperaceae	Carex concinnoides	Native	-
Cyperaceae	Carex cordillerana	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Cyperaceae	Carex crawei	Native	6
Cyperaceae	Carex crawfordii	Native	5
Cyperaceae	Carex cusickii	Native	7
Cyperaceae	Carex deweyana	Native	6
Cyperaceae	Carex diandra	Native	8
Cyperaceae	Carex diluta	Exotic	1
Cyperaceae	Carex disperma	Native	6
Cyperaceae	Carex douglasii	Native	3
Cyperaceae	Carex duriuscula	Native	-
Cyperaceae	Carex eburnea	Native	6
Cyperaceae	Carex echinata	Native	8
Cyperaceae	Carex elynoides	Native	6
Cyperaceae	Carex engelmannii	Native	-
Cyperaceae	Carex epapillosa	Native	5
Cyperaceae	Carex filifolia	Native	-
Cyperaceae	Carex flava	Native	7
Cyperaceae	Carex foenea	Native	insuff. info.
Cyperaceae	Carex fuliginosa	Native	5
Cyperaceae	Carex garberi²		absent
Cyperaceae	Carex geyseri	Native	-
Cyperaceae	Carex glacialis	Native	-
Cyperaceae	Carex gravida	Native	6
Cyperaceae	Carex gynocrates	Native	9
Cyperaceae	Carex hallii²		absent
Cyperaceae	Carex haydeniana	Native	6
Cyperaceae	Carex heteroneura²		absent
Cyperaceae	Carex hoodii	Native	4
Cyperaceae	Carex hystericina	Native	5
Cyperaceae	Carex idaho	Native	7
Cyperaceae	Carex illota	Native	7
Cyperaceae	Carex incurviformis	Native	9
Cyperaceae	Carex inops	Native	-
Cyperaceae	Carex interior	Native	8
Cyperaceae	Carex jonesii	Native	insuff. info.
Cyperaceae	Carex kelloggii syn. Carex lenticularis var. lipocarpa ² [western & central MT counties]	Native	5
Cyperaceae	Carex lachenalii	Native	9
Cyperaceae	Carex lacustris	Native	9
Cyperaceae	Carex laeviconica	Native	5
Cyperaceae	Carex laeviculmis	Native	6
Cyperaceae	Carex lasiocarpa	Native	7
Cyperaceae	Carex lenticularis²	Native	See Carex kelloggii or Carex plectocarpa
Cyperaceae	Carex leporinella	Native	5
Cyperaceae	Carex leptalea	Native	8
Cyperaceae	Carex leptopoda	Native	6
Cyperaceae	Carex limosa	Native	9
Cyperaceae	Carex livida	Native	9
Cyperaceae	Carex luzulina	Native	7
Cyperaceae	Carex luzulina var. ablata	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Cyperaceae	Carex luzulina var. atropurpurea	Native	-
Cyperaceae	Carex macloviana	Native	5
Cyperaceae	Carex magellanica	Native	10
Cyperaceae	Carex media	Native	8
Cyperaceae	Carex mertensii	Native	3
Cyperaceae	Carex microglochis	Unknown / Undetermined	NA
Cyperaceae	Carex microptera	Native	3
Cyperaceae	Carex multicosata	Native	-
Cyperaceae	Carex nardina	Native	5
Cyperaceae	Carex nebrascensis	Native	3
Cyperaceae	Carex nelsonii	Native	7
Cyperaceae	Carex neurophora	Native	7
Cyperaceae	Carex nigricans	Native	7
Cyperaceae	Carex norvegica	Native	-
Cyperaceae	Carex obtusata	Native	-
Cyperaceae	Carex occidentalis	Native	-
Cyperaceae	Carex pachystachya	Native	7
Cyperaceae	Carex pallescens	Native	6
Cyperaceae	Carex parryana	Native	5
Cyperaceae	Carex paysonis	Native	4
Cyperaceae	Carex pellita	Native	4
Cyperaceae	Carex pelocarpa syn. Carex nova var. pelocarpa	Native	7
Cyperaceae	Carex petasata	Native	4
Cyperaceae	Carex petricosa	Native	-
Cyperaceae	Carex phaeocephala	Native	4
Cyperaceae	Carex plectocarpa syn. Carex lenticularis var. dohlia [Glacier NP, Beaverhead & Park Co., MT]	Native	9
Cyperaceae	Carex podocarpa	Native	7
Cyperaceae	Carex praeceptorum	Native	7
Cyperaceae	Carex praeegracilis	Native	4
Cyperaceae	Carex prairea	Native	9
Cyperaceae	Carex praticola	Native	4
Cyperaceae	Carex preslii syn. Carex pachystachya	Native	7
Cyperaceae	Carex pyrenaica	Native	7
Cyperaceae	Carex raynoldsii	Native	4
Cyperaceae	Carex retrorsa	Native	7
Cyperaceae	Carex rossii	Native	-
Cyperaceae	Carex rostrata	Native	9
Cyperaceae	Carex rupestris	Native	4
Cyperaceae	Carex sartwellii	Native	7
Cyperaceae	Carex saxatilis	Native	8
Cyperaceae	Carex saximontana	Native	-
Cyperaceae	Carex scirpoidea	Native	4
Cyperaceae	Carex scirpoidea ssp. pseudoscirpoidea	Native	-
Cyperaceae	Carex scirpoidea ssp. scirpoidea	Native	-
Cyperaceae	Carex scirpoidea ssp. stenochlaena	Native	-
Cyperaceae	Carex scoparia	Native	7
Cyperaceae	Carex scopulorum	Native	8

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Cyperaceae	Carex scopulorum var. bracteosa	Native	-
Cyperaceae	Carex scopulorum var. prionophylla	Native	-
Cyperaceae	Carex siccata	Native	7
Cyperaceae	Carex simulata	Native	8
Cyperaceae	Carex spectabilis	Native	7
Cyperaceae	Carex sprengei	Native	8
Cyperaceae	Carex stenoptila	Native	-
Cyperaceae	Carex stevenii	Native	8
Cyperaceae	Carex stipata	Native	4
Cyperaceae	Carex stramineiformis	Unknown / Undetermined	-
Cyperaceae	Carex subfusca	Unknown / Undetermined	NA
Cyperaceae	Carex sychnocephala	Native	8
Cyperaceae	Carex tahoensis	Native	-
Cyperaceae	Carex tenera	Native	6
Cyperaceae	Carex tenuiflora	Native	10
Cyperaceae	Carex torreyi	Native	9
Cyperaceae	Carex utriculata	Native	3
Cyperaceae	Carex vaginata	Native	insuff. info.
Cyperaceae	Carex vallicola	Native	4
Cyperaceae	Carex vesicaria syn. Carex exsiccata ²	Native	5
Cyperaceae	Carex viridula	Native	8
Cyperaceae	Carex vulpinoidea	Native	6
Cyperaceae	Carex xerantica	Unknown / Undetermined	-
Apiaceae	Carum carvi	Exotic	0
Ericaceae	Cassiope mertensiana	Native	7
Ericaceae	Cassiope tetragona	Native	7
Orobanchaceae	Castilleja angustifolia	Native	-
Orobanchaceae	Castilleja cervina	Native	-
Orobanchaceae	Castilleja covilleana	Native	-
Orobanchaceae	Castilleja crista-galli	Native	-
Orobanchaceae	Castilleja cusickii	Native	-
Orobanchaceae	Castilleja exilis	Native	3
Orobanchaceae	Castilleja flava	Native	-
Orobanchaceae	Castilleja flava var. flava	Native	-
Orobanchaceae	Castilleja flava var. rustica	Native	-
Orobanchaceae	Castilleja gracillima	Native	7
Orobanchaceae	Castilleja hispida	Native	-
Orobanchaceae	Castilleja kerryana	Native	-
Orobanchaceae	Castilleja linariifolia	Native	-
Orobanchaceae	Castilleja lutescens	Native	-
Orobanchaceae	Castilleja miniata	Native	4
Orobanchaceae	Castilleja nivea	Native	-
Orobanchaceae	Castilleja occidentalis	Native	7
Orobanchaceae	Castilleja pallescens	Native	-
Orobanchaceae	Castilleja pilosa	Native	-
Orobanchaceae	Castilleja pilosa var. longispica	Native	-
Orobanchaceae	Castilleja pulchella	Native	-
Orobanchaceae	Castilleja rhexiifolia	Native	7
Orobanchaceae	Castilleja sessiliflora	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Orobanchaceae	Castilleja sulphurea	Native	7
Poaceae	Catabrosa aquatica	Native	3
Rhamnaceae	Ceanothus herbaceus	Native	-
Rhamnaceae	Ceanothus sanguineus	Native	-
Rhamnaceae	Ceanothus velutinus	Native	-
Celastraceae	Celastrus scandens	Native	insuff. info.
Ulmaceae	Celtis occidentalis	Unknown / Undetermined	insuff. info.
Poaceae	Cenchrus longispinus	Exotic	0
Asteraceae	Centaurea cyanus	Exotic	1
Asteraceae	Centaurea diffusa	Exotic	0
Asteraceae	Centaurea jacea	Exotic	0
Asteraceae	Centaurea montana	Exotic	0
Asteraceae	Centaurea nigra	Exotic	0
Asteraceae	Centaurea scabiosa	Exotic	1
Asteraceae	Centaurea solstitialis	Exotic	0
Asteraceae	Centaurea stoebe	Exotic	0
Asteraceae	Centaurea virgata	Exotic	1
Gentianaceae	Centaurium erythraea	Exotic	1
Gentianaceae	Centaurium exaltatum Zeltnera exaltata ²	Native	-
Myrsinaceae	Centunculus minimus	Native	-
Caryophyllaceae	Cerastium arvense	Native	3
Caryophyllaceae	Cerastium beeringianum	Native	4
Caryophyllaceae	Cerastium brachypodum	Native	4
Caryophyllaceae	Cerastium dichotomum	Exotic	1
Caryophyllaceae	Cerastium fontanum	Exotic	0
Caryophyllaceae	Cerastium glomeratum	Exotic	1
Caryophyllaceae	Cerastium nutans	Native	4
Caryophyllaceae	Cerastium tomentosum	Exotic	1
Ceratophyllaceae	Ceratophyllum demersum	Native	3
Rosaceae	Cercocarpus ledifolius	Native	-
Rosaceae	Cercocarpus montanus	Native	-
Asteraceae	Chaenactis douglasii	Native	-
Asteraceae	Chaenactis douglasii var. alpina	Native	-
Asteraceae	Chaenactis douglasii var. douglasii	Native	-
Plantaginaceae	Chaenorhinum minus	Exotic	1
Rosaceae	Chamaerhodos erecta	Unknown / Undetermined	-
Onagraceae	Chamerion angustifolium	Native	1
Onagraceae	Chamerion latifolium	Unknown / Undetermined	-
Pteridaceae	Cheilanthes feei	Native	-
Pteridaceae	Cheilanthes gracillima	Native	-
Papaveraceae	Chelidonium majus	Exotic	1
Amaranthaceae	Chenopodium album	Exotic	0
Amaranthaceae	Chenopodium atrovirens	Native	-
Amaranthaceae	Chenopodium berlandieri	Native	-
Amaranthaceae	Chenopodium botrys	Exotic	1
Amaranthaceae	Chenopodium capitatum	Native	-
Amaranthaceae	Chenopodium capitatum var. capitatum	Unknown / Undetermined	-
Amaranthaceae	Chenopodium capitatum var. parvicapitatum	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Amaranthaceae	Chenopodium chenopodioides	Native	3
Amaranthaceae	Chenopodium desiccatum	Native	-
Amaranthaceae	Chenopodium fremontii	Native	3
Amaranthaceae	Chenopodium glaucum	Native	4
Amaranthaceae	Chenopodium glaucum var. glaucum	Exotic	1
Amaranthaceae	Chenopodium glaucum var. salinum	Native	4
Amaranthaceae	Chenopodium incanum	Native	-
Amaranthaceae	Chenopodium leptophyllum	Native	4
Amaranthaceae	Chenopodium murale	Exotic	0
Amaranthaceae	Chenopodium pratericola	Native	-
Amaranthaceae	Chenopodium rubrum	Native	3
Amaranthaceae	Chenopodium rubrum var. humile	Exotic	1
Amaranthaceae	Chenopodium rubrum var. rubrum	Native	3
Amaranthaceae	Chenopodium simplex	Native	-
Amaranthaceae	Chenopodium standleyanum	Unknown / Undetermined	-
Amaranthaceae	Chenopodium subglabrum	Native	-
Amaranthaceae	Chenopodium watsonii	Unknown / Undetermined	-
Ericaceae	Chimaphila menziesii	Native	-
Ericaceae	Chimaphila umbellata	Native	-
Plantaginaceae	Chionophila tweedyi	Native	-
Asteraceae	Chondrilla juncea	Exotic	0
Brassicaceae	Chorispora tenella	Exotic	0
Saxifragaceae	Chrysosplenium tetrandrum	Native	4
Asteraceae	Chrysothamnus viscidiflorus	Native	-
Asteraceae	Chrysothamnus viscidiflorus ssp. lanceolatus	Native	-
Asteraceae	Chrysothamnus viscidiflorus ssp. viscidiflorus	Native	-
Asteraceae	Cichorium intybus	Exotic	1
Apiaceae	Cicuta bulbifera	Native	7
Apiaceae	Cicuta douglasii	Native	4
Apiaceae	Cicuta maculata	Native	3
Poaceae	Cinna arundinacea		absent
Poaceae	Cinna latifolia	Native	5
Onagraceae	Circaea alpina	Native	5
Onagraceae	Circaea alpina ssp. alpina	Native	-
Onagraceae	Circaea alpina ssp. pacifica	Native	-
Asteraceae	Cirsium arvense	Exotic	0
Asteraceae	Cirsium brevistylum	Native	-
Asteraceae	Cirsium canescens	Native	-
Asteraceae	Cirsium canovirens	Native	-
Asteraceae	Cirsium eatonii	Native	-
Asteraceae	Cirsium flodmanii	Native	3
Asteraceae	Cirsium foliosum²		absent
Asteraceae	Cirsium hookerianum	Native	-
Asteraceae	Cirsium longistylum	Native	-
Asteraceae	Cirsium pulcherrimum	Native	-
Asteraceae	Cirsium scariosum	Native	5
Asteraceae	Cirsium undulatum	Native	4
Asteraceae	Cirsium vulgare	Exotic	0
Portulacaceae	Cistanthe umbellata	Native	-
Onagraceae	Clarkia pulchella	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Onagraceae	Clarkia rhomboidea	Native	-
Portulacaceae	Claytonia arenicola	Native	-
Portulacaceae	Claytonia cordifolia	Native	5
Portulacaceae	Claytonia lanceolata	Native	4
Portulacaceae	Claytonia megarhiza	Native	-
Portulacaceae	Claytonia multiscapa	Native	4
Portulacaceae	Claytonia parviflora	Native	5
Portulacaceae	Claytonia perfoliata	Native	2
Portulacaceae	Claytonia rubra	Native	-
Portulacaceae	Claytonia rubra ssp. depressa	Native	-
Portulacaceae	Claytonia rubra ssp. rubra	Native	-
Portulacaceae	Claytonia sibirica	Native	5
Ranunculaceae	Clematis columbiana	Native	-
Ranunculaceae	Clematis columbiana var. columbiana	Native	-
Ranunculaceae	Clematis columbiana var. tenuiloba	Native	-
Ranunculaceae	Clematis hirsutissima	Native	-
Ranunculaceae	Clematis ligusticifolia	Native	3
Ranunculaceae	Clematis occidentalis	Native	-
Cleomaceae	Cleome lutea Peritoma lutea ²	Native	-
Cleomaceae	Cleome serrulata Peritoma serrulata ²	Native	-
Liliaceae	Clintonia uniflora	Native	-
Orchidaceae	Coeloglossum viride	Native	6
Plantaginaceae	Collinsia parviflora	Native	-
Polemoniaceae	Collomia debilis	Native	-
Polemoniaceae	Collomia debilis var. camporum	Native	-
Polemoniaceae	Collomia debilis var. debilis	Native	-
Polemoniaceae	Collomia grandiflora	Native	-
Polemoniaceae	Collomia linearis	Native	3
Polemoniaceae	Collomia tinctoria	Native	-
Santalaceae	Comandra umbellata	Native	-
Rosaceae	Comarum palustre	Native	7
Saxifragaceae	Conimitella williamsii	Native	-
Apiaceae	Conioselinum scopulorum	Unknown / Undetermined	insuff. info.
Apiaceae	Conium maculatum	Exotic	0
Brassicaceae	Conringia orientalis	Exotic	1
Convolvulaceae	Convolvulus arvensis	Exotic	0
Asteraceae	Conyza canadensis	Native	-
Ranunculaceae	Coptis occidentalis	Native	-
Orchidaceae	Corallorhiza maculata	Native	5
Orchidaceae	Corallorhiza maculata var. maculata	Native	-
Orchidaceae	Corallorhiza maculata var. occidentalis	Native	-
Orchidaceae	Corallorhiza mertensiana	Native	-
Orchidaceae	Corallorhiza striata	Native	5
Orchidaceae	Corallorhiza trifida	Native	8
Orchidaceae	Corallorhiza wisteriana	Native	9
Orobanchaceae	Cordylanthus capitatus	Unknown / Undetermined	-
Orobanchaceae	Cordylanthus ramosus	Native	6
Asteraceae	Coreopsis tinctoria	Native	6
Amaranthaceae	Corispermum americanum	Native	6

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Amaranthaceae	Corispermum villosum	Unknown / Undetermined	-
Cornaceae	Cornus canadensis	Native	7
Cornaceae	Cornus sericea syn. Cornus stolonifera, Cornus alba	Native	5
Fabaceae	Coronilla varia	Exotic	1
Fumariaceae	Corydalis aurea	Native	-
Fumariaceae	Corydalis sempervirens	Native	-
Cactaceae	Coryphantha missouriensis	Native	-
Cactaceae	Coryphantha vivipara	Native	-
Rosaceae	Crataegus castlegarensis	Native	-
Rosaceae	Crataegus chrysocarpa	Native	-
Rosaceae	Crataegus douglasii	Native	5
Rosaceae	Crataegus macracantha	Native	-
Rosaceae	Crataegus monogyna	Exotic	1
Rosaceae	Crataegus okanaganensis	Native	-
Rosaceae	Crataegus suksdorfii	Native	-
Rosaceae	Crataegus williamsii	Native	-
Asteraceae	Crepis acuminata	Native	-
Asteraceae	Crepis atribarba	Native	-
Asteraceae	Crepis elegans	Native	-
Asteraceae	Crepis intermedia	Native	-
Asteraceae	Crepis modocensis	Native	-
Asteraceae	Crepis nana	Native	-
Asteraceae	Crepis occidentalis	Native	-
Asteraceae	Crepis runcinata	Native	5
Asteraceae	Crepis runcinata ssp. glauca	Native	-
Asteraceae	Crepis runcinata ssp. hispidulosa	Native	-
Asteraceae	Crepis runcinata ssp. runcinata	Native	-
Asteraceae	Crepis setosa	Exotic	1
Asteraceae	Crepis tectorum	Exotic	0
Poaceae	Crypsis alopecuroides	Exotic	1
Boraginaceae	Cryptantha affinis	Native	-
Boraginaceae	Cryptantha ambigua	Native	-
Boraginaceae	Cryptantha cana	Native	-
Boraginaceae	Cryptantha celosioides	Native	-
Boraginaceae	Cryptantha cinerea	Unknown / Undetermined	-
Boraginaceae	Cryptantha fendleri	Native	-
Boraginaceae	Cryptantha flavoculata	Native	-
Boraginaceae	Cryptantha humilis	Native	-
Boraginaceae	Cryptantha kelseyana	Native	-
Boraginaceae	Cryptantha minima	Native	-
Boraginaceae	Cryptantha scoparia	Native	-
Boraginaceae	Cryptantha sobolifera	Native	-
Boraginaceae	Cryptantha spiculifera	Native	-
Boraginaceae	Cryptantha torreyana	Native	-
Boraginaceae	Cryptantha watsonii	Native	-
Pteridaceae	Cryptogramma acrostichoides	Native	-
Pteridaceae	Cryptogramma cascadenis	Native	-
Pteridaceae	Cryptogramma stelleri	Native	10
Cuscutaceae	Cuscuta approximata	Exotic	1

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Cuscutaceae	Cuscuta coryli	Unknown / Undetermined	-
Cuscutaceae	Cuscuta epithymum	Exotic	1
Cuscutaceae	Cuscuta gronovii	Unknown / Undetermined	-
Cuscutaceae	Cuscuta indecora	Unknown / Undetermined	-
Cuscutaceae	Cuscuta megalocarpa	Unknown / Undetermined	-
Cuscutaceae	Cuscuta pentagona	Unknown / Undetermined	-
Amaranthaceae	Cycloloma atriplicifolium	Unknown / Undetermined	insuff. info.
Apiaceae	Cymopterus acaulis	Native	-
Apiaceae	Cymopterus glaucus	Native	-
Apiaceae	Cymopterus hendersonii	Native	-
Apiaceae	Cymopterus longilobus	Native	-
Apiaceae	Cymopterus nivalis	Native	-
Apiaceae	Cymopterus terebinthinus	Native	-
Apiaceae	Cymopterus terebinthinus var. albiflorus	Native	-
Apiaceae	Cymopterus terebinthinus var. foeniculaceus	Native	-
Poaceae	Cynodon dactylon	Exotic	1
Boraginaceae	Cynoglossum officinale	Exotic	0
Poaceae	Cynosurus cristatus	Exotic	1
Poaceae	Cynosurus echinatus	Exotic	1
Cyperaceae	Cyperus acuminatus	Native	4
Cyperaceae	Cyperus bipartitus	Native	4
Cyperaceae	Cyperus erythrorhizos	Native	4
Cyperaceae	Cyperus schweinitzii	Native	8
Cyperaceae	Cyperus squarrosus	Native	4
Cyperaceae	Cyperus strigosus	Native	4
Orchidaceae	Cypripedium fasciculatum	Native	7
Orchidaceae	Cypripedium montanum	Native	8
Orchidaceae	Cypripedium parviflorum	Native	9
Orchidaceae	Cypripedium passerinum	Native	10
Orchidaceae	Cypripedium x columbianum	Native	-
Dryopteridaceae	Cystopteris fragilis	Native	-
Dryopteridaceae	Cystopteris montana	Native	10
Fabaceae	Cytisus scoparius	Exotic	0
Poaceae	Dactylis glomerata	Exotic	0
Fabaceae	Dalea candida	Native	-
Fabaceae	Dalea enneandra	Native	-
Fabaceae	Dalea purpurea	Native	-
Fabaceae	Dalea villosa	Native	-
Alismataceae	Damasonium californicum	Native	insuff. info.
Poaceae	Danthonia californica	Native	4
Poaceae	Danthonia intermedia	Native	5
Poaceae	Danthonia parryi	Native	-
Poaceae	Danthonia spicata	Native	-
Poaceae	Danthonia unispicata	Native	-
Thymelaeaceae	Daphne mezereum	Exotic	1
Solanaceae	Datura stramonium	Exotic	1
Apiaceae	Daucus carota	Exotic	1

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Ranunculaceae	<i>Delphinium ajacis</i>	Exotic	1
Ranunculaceae	<i>Delphinium andersonii</i>	Unknown / Undetermined	-
Ranunculaceae	<i>Delphinium bicolor</i>	Native	-
Ranunculaceae	<i>Delphinium bicolor</i> ssp. <i>bicolor</i>	Native	-
Ranunculaceae	<i>Delphinium bicolor</i> ssp. <i>calcicola</i>	Native	-
Ranunculaceae	<i>Delphinium burkei</i>	Native	-
Ranunculaceae	<i>Delphinium depauperatum</i>	Native	7
Ranunculaceae	<i>Delphinium geyeri</i>	Unknown / Undetermined	-
Ranunculaceae	<i>Delphinium glaucescens</i>	Native	4
Ranunculaceae	<i>Delphinium glaucum</i>	Native	6
Ranunculaceae	<i>Delphinium nuttallianum</i>	Native	4
Ranunculaceae	<i>Delphinium occidentale</i>	Native	-
Poaceae	<i>Deschampsia cespitosa</i>	Native	7
Poaceae	<i>Deschampsia danthonioides</i>	Native	5
Poaceae	<i>Deschampsia elongata</i>	Native	4
Brassicaceae	<i>Descurainia incana</i>	Native	3
Brassicaceae	<i>Descurainia incana</i> var. <i>incana</i>	Native	-
Brassicaceae	<i>Descurainia incana</i> var. <i>macrosperma</i>	Native	-
Brassicaceae	<i>Descurainia incana</i> var. <i>viscosa</i>	Native	-
Brassicaceae	<i>Descurainia pinnata</i>	Native	-
Brassicaceae	<i>Descurainia pinnata</i> var. <i>brachycarpa</i>	Native	-
Brassicaceae	<i>Descurainia pinnata</i> var. <i>filipes</i>	Native	-
Brassicaceae	<i>Descurainia pinnata</i> var. <i>intermedia</i>	Native	-
Brassicaceae	<i>Descurainia pinnata</i> var. <i>nelsonii</i>	Native	-
Brassicaceae	<i>Descurainia sophia</i>	Exotic	0
Brassicaceae	<i>Descurainia torulosa</i>	Native	-
Caryophyllaceae	<i>Dianthus armeria</i>	Exotic	0
Caryophyllaceae	<i>Dianthus barbatus</i>	Exotic	1
Caryophyllaceae	<i>Dianthus deltoides</i>	Exotic	1
Fumariaceae	<i>Dicentra uniflora</i>	Native	-
Poaceae	<i>Dichanthelium acuminatum</i>	Native	9
Poaceae	<i>Dichanthelium oligosanthes</i> var. <i>scribnerianum</i>	Native	4
Poaceae	<i>Dichanthelium wilcoxianum</i>	Native	-
Plantaginaceae	<i>Digitalis purpurea</i>	Exotic	1
Poaceae	<i>Digitaria ischaemum</i>	Exotic	1
Poaceae	<i>Digitaria sanguinalis</i>	Exotic	1
Brassicaceae	<i>Diploaxis muralis</i>	Exotic	1
Dipsacaceae	<i>Dipsacus fullonum</i>	Exotic	0
Poaceae	<i>Distichlis spicata</i>	Native	5
Primulaceae	<i>Dodecatheon conjugens</i>	Native	4
Primulaceae	<i>Dodecatheon jeffreyi</i>	Native	7
Primulaceae	<i>Dodecatheon pulchellum</i>	Native	5
Primulaceae	<i>Douglasia conservatorum</i>	Native	-
Primulaceae	<i>Douglasia montana</i>	Native	-
Campanulaceae	<i>Downingia laeta</i>	Native	9
Brassicaceae	<i>Draba albertina</i>	Native	4
Brassicaceae	<i>Draba aurea</i>	Native	7
Brassicaceae	<i>Draba brachycarpa</i>	Native	-
Brassicaceae	<i>Draba calcifuga</i>	Native	-
Brassicaceae	<i>Draba cana</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Brassicaceae	<i>Draba crassa</i>	Native	-
Brassicaceae	<i>Draba crassifolia</i>	Native	-
Brassicaceae	<i>Draba daviesiae</i>	Native	-
Brassicaceae	<i>Draba densifolia</i>	Native	-
Brassicaceae	<i>Draba fladnizensis</i>	Native	-
Brassicaceae	<i>Draba globosa</i>	Native	-
Brassicaceae	<i>Draba incerta</i>	Native	-
Brassicaceae	<i>Draba lonchocarpa</i>	Native	5
Brassicaceae	<i>Draba macounii</i>	Native	-
Brassicaceae	<i>Draba nemorosa</i>	Native	2
Brassicaceae	<i>Draba oligosperma</i>	Native	-
Brassicaceae	<i>Draba paysonii</i>	Native	-
Brassicaceae	<i>Draba paysonii</i> var. <i>paysonii</i>	Native	-
Brassicaceae	<i>Draba paysonii</i> var. <i>treleasii</i>	Native	-
Brassicaceae	<i>Draba porsildii</i>	Native	-
Brassicaceae	<i>Draba praealta</i>	Native	4
Brassicaceae	<i>Draba reptans</i>	Native	-
Brassicaceae	<i>Draba stenoloba</i>	Native	4
Brassicaceae	<i>Draba ventosa</i>	Native	-
Brassicaceae	<i>Draba verna</i>	Exotic	0
Lamiaceae	<i>Dracocephalum parviflorum</i>	Native	3
Lamiaceae	<i>Dracocephalum thymiflorum</i>	Exotic	1
Droseraceae	<i>Drosera anglica</i>	Native	10
Droseraceae	<i>Drosera linearis</i>	Native	10
Droseraceae	<i>Drosera rotundifolia</i>	Native	10
Rosaceae	<i>Dryas drummondii</i>	Native	6
Rosaceae	<i>Dryas integrifolia</i>	Native	insuff. info.
Rosaceae	<i>Dryas octopetala</i>	Native	5
Rosaceae	<i>Drymocallis arguta</i> syn. <i>Potentilla arguta</i>	Native	4
Rosaceae	<i>Drymocallis fissa</i>	Native	-
Rosaceae	<i>Drymocallis glandulosa</i> syn. <i>Potentilla glandulosa</i>	Native	6
Dryopteridaceae	<i>Dryopteris carthusiana</i>	Native	7
Dryopteridaceae	<i>Dryopteris cristata</i>	Native	9
Dryopteridaceae	<i>Dryopteris expansa</i>	Native	8
Dryopteridaceae	<i>Dryopteris filix-mas</i>	Native	-
Cyperaceae	<i>Dulichium arundinaceum</i>	Native	9
Asteraceae	<i>Dyssodia papposa</i>	Native	-
Asteraceae	<i>Echinacea angustifolia</i>	Native	-
Poaceae	<i>Echinochloa crus-galli</i>	Exotic	0
Poaceae	<i>Echinochloa muricata</i>	Native	1
Cucurbitaceae	<i>Echinocystis lobata</i>	Native	5
Boraginaceae	<i>Echium vulgare</i>	Exotic	0
Elaeagnaceae	<i>Elaeagnus angustifolia</i>	Exotic	0
Elaeagnaceae	<i>Elaeagnus commutata</i>	Native	4
Elatinaceae	<i>Elatine brachysperma</i>	Native	6
Elatinaceae	<i>Elatine californica</i>	Native	6
Elatinaceae	<i>Elatine rubella</i>	Native	6
Elatinaceae	<i>Elatine triandra</i>	Native	6
Cyperaceae	<i>Eleocharis acicularis</i>	Native	4
Cyperaceae	<i>Eleocharis atropurpurea</i>	Unknown / Undetermined	NA

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Cyperaceae	Eleocharis bella	Native	4
Cyperaceae	Eleocharis elliptica syn. Eleocharis tenuis	Native	6
Cyperaceae	Eleocharis flavescens	Unknown / Undetermined	insuff. info.
Cyperaceae	Eleocharis ovata	Native	-
Cyperaceae	Eleocharis palustris	Native	4
Cyperaceae	Eleocharis quinqueflora	Native	7
Cyperaceae	Eleocharis rostellata	Native	9
Cyperaceae	Eleocharis tenuis syn. Eleocharis elliptica	Native	6
Poaceae	Eleusine indica	Exotic	1
Hydrophyllaceae	Ellisia nyctelea	Native	-
Hydrocharitaceae	Elodea bifoliata	Native	8
Hydrocharitaceae	Elodea canadensis	Native	7
Hydrocharitaceae	Elodea nuttallii	Native	4
Poaceae	Elymus albicans	Native	-
Poaceae	Elymus angustus	Exotic	-
Poaceae	Elymus alaskanus		absent
Poaceae	Elymus canadensis	Native	5
Poaceae	Elymus cinereus Leymus cinereus ²	Native	5
Poaceae	Elymus condensatus	Exotic	-
Poaceae	Elymus elymoides	Native	3
Poaceae	Elymus flavescens	Native	-
Poaceae	Elymus glaucus	Native	5
Poaceae	Elymus hispidus	Exotic	1
Poaceae	Elymus innovatus	Native	-
Poaceae	Elymus junceus	Exotic	1
Poaceae	Elymus lanceolatus syn. Agropyron dasystachyum	Native	4
Poaceae	Elymus repens syn. Agropyron repens	Exotic	0
Poaceae	Elymus scribneri	Native	-
Poaceae	Elymus smithii syn. Agropyron smithii, Pascopyrum smithii ²	Native	3
Poaceae	Elymus spicatus	Native	-
Poaceae	Elymus submuticus	Native	6
Poaceae	Elymus trachycaulus syn. Agropyron trachycaulum	Native	5
Poaceae	Elymus triticoides Leymus triticoides ²	Native	3
Poaceae	Elymus virginicus	Native	4
Onagraceae	Epilobium anagallidifolium	Native	5
Onagraceae	Epilobium brachycarpum syn. Epilobium paniculatum	Native	-
Onagraceae	Epilobium ciliatum	Native	3
Onagraceae	Epilobium ciliatum ssp. ciliatum	Native	3
Onagraceae	Epilobium ciliatum ssp. glandulosum	Native	-
Onagraceae	Epilobium clavatum	Native	7
Onagraceae	Epilobium densiflorum	Native	insuff. info.
Onagraceae	Epilobium glaberrimum	Native	5

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Onagraceae	Epilobium halleanum	Native	4
Onagraceae	Epilobium hornemannii	Native	4
Onagraceae	Epilobium lactiflorum	Native	4
Onagraceae	Epilobium leptocarpum	Native	insuff. info.
Onagraceae	Epilobium minutum	Native	4
Onagraceae	Epilobium oregonense	Native	4
Onagraceae	Epilobium palustre	Native	7
Onagraceae	Epilobium palustre var. gracile	Native	-
Onagraceae	Epilobium palustre var. palustre	Native	-
Onagraceae	Epilobium pygmaeum	Native	4
Onagraceae	Epilobium saximontanum	Native	4
Onagraceae	Epilobium suffruticosum	Native	6
Orchidaceae	Epipactis gigantea	Native	8
Orchidaceae	Epipactis helleborine	Exotic	1
Equisetaceae	Equisetum X ferrissii²	Native	NA
Equisetaceae	Equisetum X mackaii²		NA
Equisetaceae	Equisetum X nelsonii²		NA
Equisetaceae	Equisetum arvense	Native	2
Equisetaceae	Equisetum fluviatile	Native	6
Equisetaceae	Equisetum hyemale	Native	3
Equisetaceae	Equisetum laevigatum	Native	4
Equisetaceae	Equisetum palustre	Native	6
Equisetaceae	Equisetum pratense	Native	6
Equisetaceae	Equisetum scirpoides	Native	7
Equisetaceae	Equisetum sylvaticum	Native	5
Equisetaceae	Equisetum variegatum	Native	5
Poaceae	Eragrostis cilianensis	Exotic	1
Poaceae	Eragrostis hypnoides	Native	4
Poaceae	Eragrostis minor	Exotic	1
Poaceae	Eragrostis pectinacea	Native	4
Poaceae	Eremopyrum triticeum	Exotic	1
Asteraceae	Ericameria discoidea	Native	-
Asteraceae	Ericameria discoidea var. discoidea	Native	-
Asteraceae	Ericameria discoidea var. linearis	Native	-
Asteraceae	Ericameria nana	Native	-
Asteraceae	Ericameria nauseosa	Native	2
Asteraceae	Ericameria nauseosa var. graveolens	Native	-
Asteraceae	Ericameria nauseosa var. nauseosa	Native	-
Asteraceae	Ericameria nauseosa var. oreophila	Native	-
Asteraceae	Ericameria nauseosa var. speciosa	Native	-
Asteraceae	Ericameria parryi var. montana	Native	-
Asteraceae	Ericameria suffruticosa	Native	-
Asteraceae	Erigeron acris	Native	5
Asteraceae	Erigeron acris ssp. debilis	Native	-
Asteraceae	Erigeron acris ssp. kamtschaticus	Native	-
Asteraceae	Erigeron allocotus	Native	-
Asteraceae	Erigeron asperugineus	Native	-
Asteraceae	Erigeron caespitosus	Native	-
Asteraceae	Erigeron compositus	Native	-
Asteraceae	Erigeron corymbosus	Native	-
Asteraceae	Erigeron coulteri	Native	6
Asteraceae	Erigeron divergens	Native	-
Asteraceae	Erigeron eatonii	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Asteraceae	Erigeron evermannii	Native	-
Asteraceae	Erigeron filifolius	Native	-
Asteraceae	Erigeron flabellifolius	Native	-
Asteraceae	Erigeron flagellaris	Native	3
Asteraceae	Erigeron formosissimus	Native	insuff. info.
Asteraceae	Erigeron glabellus	Native	4
Asteraceae	Erigeron glabellus var. glabellus	Native	-
Asteraceae	Erigeron glabellus var. pubescens	Native	-
Asteraceae	Erigeron gracilis	Native	6
Asteraceae	Erigeron grandiflorus	Native	-
Asteraceae	Erigeron humilis	Native	8
Asteraceae	Erigeron lackschewitzii	Native	-
Asteraceae	Erigeron lanatus	Native	9
Asteraceae	Erigeron leiomerus	Native	-
Asteraceae	Erigeron linearis	Native	-
Asteraceae	Erigeron lonchophyllus	Native	4
Asteraceae	Erigeron ochroleucus	Native	-
Asteraceae	Erigeron ochroleucus var. ochroleucus	Native	-
Asteraceae	Erigeron ochroleucus var. scribneri	Native	-
Asteraceae	Erigeron parryi	Native	-
Asteraceae	Erigeron peregrinus	Native	7
Asteraceae	Erigeron philadelphicus	Native	3
Asteraceae	Erigeron pumilus	Native	-
Asteraceae	Erigeron radicans	Native	-
Asteraceae	Erigeron rydbergii	Native	-
Asteraceae	Erigeron simplex	Native	-
Asteraceae	Erigeron speciosus	Native	-
Asteraceae	Erigeron strigosus	Native	3
Asteraceae	Erigeron subtrinervis	Native	-
Asteraceae	Erigeron tener	Native	-
Asteraceae	Erigeron tweedyi	Native	-
Asteraceae	Erigeron ursinus	Native	-
Polygonaceae	Eriogonum androsaceum	Native	-
Polygonaceae	Eriogonum annuum	Native	-
Polygonaceae	Eriogonum brevicaulis var. canum	Native	-
Polygonaceae	Eriogonum caespitosum	Native	-
Polygonaceae	Eriogonum cernuum	Native	-
Polygonaceae	Eriogonum crosbyae	Native	-
Polygonaceae	Eriogonum effusum	Unknown / Undetermined	-
Polygonaceae	Eriogonum flavum	Native	-
Polygonaceae	Eriogonum flavum var. flavum	Native	-
Polygonaceae	Eriogonum flavum var. piperi	Native	-
Polygonaceae	Eriogonum heracleoides	Native	-
Polygonaceae	Eriogonum mancum	Native	-
Polygonaceae	Eriogonum microthecum	Native	-
Polygonaceae	Eriogonum microthecum var. laxiflorum	Native	-
Polygonaceae	Eriogonum microthecum var. simpsonii	Native	-
Polygonaceae	Eriogonum ovalifolium	Native	4
Polygonaceae	Eriogonum ovalifolium var. depressum	Native	-
Polygonaceae	Eriogonum ovalifolium var. ochroleucum	Native	-
Polygonaceae	Eriogonum ovalifolium var. ovalifolium	Native	-
Polygonaceae	Eriogonum ovalifolium var. pansum	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Polygonaceae	Eriogonum ovalifolium var. purpureum	Native	-
Polygonaceae	Eriogonum pauciflorum	Native	-
Polygonaceae	Eriogonum pyrolifolium	Native	-
Polygonaceae	Eriogonum salsuginosum	Native	-
Polygonaceae	Eriogonum soliceps	Native	-
Polygonaceae	Eriogonum strictum	Native	-
Polygonaceae	Eriogonum umbellatum	Native	-
Polygonaceae	Eriogonum umbellatum var. aureum	Native	-
Polygonaceae	Eriogonum umbellatum var. deserticum	Native	-
Polygonaceae	Eriogonum umbellatum var. dichrocephalum	Native	-
Polygonaceae	Eriogonum umbellatum var. ellipticum	Native	-
Polygonaceae	Eriogonum umbellatum var. majus	Native	-
Polygonaceae	Eriogonum umbellatum var. umbellatum	Native	-
Polygonaceae	Eriogonum visherii	Native	-
Cyperaceae	Eriophorum angustifolium	Native	9
Cyperaceae	Eriophorum callitrix	Native	10
Cyperaceae	Eriophorum chamissonis	Native	9
Cyperaceae	Eriophorum gracile	Native	10
Cyperaceae	Eriophorum scheuchzeri	Unknown / Undetermined	10
Cyperaceae	Eriophorum viridicarinatum	Native	10
Asteraceae	Eriophyllum lanatum	Native	-
Asteraceae	Eriophyllum lanatum var. integrifolium	Native	-
Asteraceae	Eriophyllum lanatum var. lanatum	Native	-
Boraginaceae	Eritrichium howardii	Native	-
Boraginaceae	Eritrichium nanum	Native	-
Geraniaceae	Erodium cicutarium	Exotic	0
Brassicaceae	Eruca vesicaria	Exotic	1
Brassicaceae	Erucastrum gallicum	Exotic	1
Brassicaceae	Erysimum asperum	Native	-
Brassicaceae	Erysimum capitatum	Native	-
Brassicaceae	Erysimum cheiranthoides	Native	-
Brassicaceae	Erysimum inconspicuum	Native	-
Brassicaceae	Erysimum repandum	Exotic	1
Liliaceae	Erythronium grandiflorum	Native	-
Liliaceae	Erythronium grandiflorum var. candidum	Native	-
Liliaceae	Erythronium grandiflorum var. grandiflorum	Native	-
Asteraceae	Eucephalus elegans	Native	-
Asteraceae	Eucephalus engelmannii	Native	-
Asteraceae	Eupatorium maculatum	Native	5
Euphorbiaceae	Euphorbia agraria	Exotic	1
Euphorbiaceae	Euphorbia brachycera	Native	-
Euphorbiaceae	Euphorbia cyparissias	Exotic	1
Euphorbiaceae	Euphorbia esula	Exotic	0
Euphorbiaceae	Euphorbia geyeri	Native	-
Euphorbiaceae	Euphorbia glyptosperma	Native	-
Euphorbiaceae	Euphorbia helioscopia	Exotic	1
Euphorbiaceae	Euphorbia hexagona	Unknown / Undetermined	-
Euphorbiaceae	Euphorbia marginata	Native	3
Euphorbiaceae	Euphorbia missurica	Native	-
Euphorbiaceae	Euphorbia oblongata	Exotic	0
Euphorbiaceae	Euphorbia peplus	Exotic	1

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Euphorbiaceae	Euphorbia serpens	Native	3
Euphorbiaceae	Euphorbia serpyllifolia	Native	-
Euphorbiaceae	Euphorbia spathulata	Native	3
Euphorbiaceae	Euphorbia supina	Exotic	1
Orobanchaceae	Euphrasia subarctica	Native	-
Asteraceae	Eurybia conspicua	Native	-
Asteraceae	Eurybia glauca	Native	-
Asteraceae	Eurybia integrifolia	Native	-
Asteraceae	Eurybia merita	Native	4
Asteraceae	Eurybia sibirica	Native	5
Gentianaceae	Eustoma grandiflorum	Unknown / Undetermined	-
Asteraceae	Euthamia graminifolia	Unknown / Undetermined	7
Asteraceae	Euthamia occidentalis	Native	7
Brassicaceae	Eutrema salsugineum	Unknown / Undetermined	-
Asteraceae	Evax prolifera	Unknown / Undetermined	-
Convolvulaceae	Evolvulus nuttallianus	Native	-
Poaceae	Festuca baffinensis	Native	-
Poaceae	Festuca brachyphylla	Native	-
Poaceae	Festuca campestris	Native	-
Poaceae	Festuca hallii	Native	-
Poaceae	Festuca idahoensis	Native	4
Poaceae	Festuca minutiflora	Native	-
Poaceae	Festuca occidentalis	Native	-
Poaceae	Festuca ovina	Exotic	1
Poaceae	Festuca rubra	Native/Naturalized	1
Poaceae	Festuca saximontana	Native	-
Poaceae	Festuca subulata	Native	7
Poaceae	Festuca viridula	Native	-
Poaceae	Festuca viviparoidea	Native	-
Asteraceae	Filago arvensis	Exotic	0
Limnanthaceae	Floerkea proserpinacoides	Native	4
Rosaceae	Fragaria vesca	Native	4
Rosaceae	Fragaria virginiana	Native	3
Rosaceae	Fragaria virginiana ssp. glauca	Native	-
Rosaceae	Fragaria virginiana var. platypetala	Native	-
Rhamnaceae	Frangula purshiana	Native	6
Gentianaceae	Frasera albicaulis	Native	-
Gentianaceae	Frasera speciosa	Native	-
Oleaceae	Fraxinus pennsylvanica	Native	4
Liliaceae	Fritillaria atropurpurea	Native	-
Liliaceae	Fritillaria pudica	Native	-
Fumariaceae	Fumaria officinalis	Exotic	1
Fumariaceae	Fumaria vaillantii	Exotic	1
Asteraceae	Gaillardia aristata	Native	-
Lamiaceae	Galeopsis tetrahit	Exotic	1
Asteraceae	Galinsoga quadriradiata	Exotic	1
Rubiaceae	Galium aparine	Native	3
Rubiaceae	Galium bifolium	Native	-
Rubiaceae	Galium boreale	Native	4

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Rubiaceae	Galium mexicanum	Native	2
Rubiaceae	Galium mollugo	Exotic	1
Rubiaceae	Galium palustre	Unknown / Undetermined	5
Rubiaceae	Galium pedemontanum	Exotic	1
Rubiaceae	Galium trifidum	Native	6
Rubiaceae	Galium trifidum ssp. columbianum	Native	-
Rubiaceae	Galium trifidum ssp. subbiflorum	Native	-
Rubiaceae	Galium trifidum ssp. trifidum	Native	-
Rubiaceae	Galium triflorum	Native	6
Rubiaceae	Galium verum	Exotic	1
Ericaceae	Gaultheria humifusa	Native	8
Ericaceae	Gaultheria ovatifolia	Native	8
Onagraceae	Gaura coccinea	Native	-
Onagraceae	Gaura parviflora	Native	-
Onagraceae	Gayophytum decipiens	Native	-
Onagraceae	Gayophytum diffusum	Native	-
Onagraceae	Gayophytum humile	Unknown / Undetermined	-
Onagraceae	Gayophytum racemosum	Native	4
Onagraceae	Gayophytum ramosissimum	Native	-
Gentianaceae	Gentiana affinis	Native	6
Gentianaceae	Gentiana algida	Native	9
Gentianaceae	Gentiana calycosa	Native	7
Gentianaceae	Gentiana fremontii	Native	7
Gentianaceae	Gentiana glauca	Native	10
Gentianaceae	Gentiana prostrata	Native	6
Gentianaceae	Gentianella amarella	Native	3
Gentianaceae	Gentianella propinqua	Native	10
Gentianaceae	Gentianella tenella	Native	6
Gentianaceae	Gentianopsis macounii	Native	-
Gentianaceae	Gentianopsis simplex	Native	9
Gentianaceae	Gentianopsis thermalis	Native	8
Santalaceae	Geocaulon lividum	Native	7
Geraniaceae	Geranium bicknellii	Native	-
Geraniaceae	Geranium carolinianum	Unknown / Undetermined	-
Geraniaceae	Geranium molle	Exotic	1
Geraniaceae	Geranium pusillum	Exotic	1
Geraniaceae	Geranium richardsonii	Native	5
Geraniaceae	Geranium robertianum	Exotic	1
Geraniaceae	Geranium viscosissimum	Native	4
Geraniaceae	Geranium viscosissimum var. incisum	Native	-
Geraniaceae	Geranium viscosissimum var. viscosissimum	Native	-
Rosaceae	Geum aleppicum	Native	6
Rosaceae	Geum canadense	Native	6
Rosaceae	Geum macrophyllum	Native	5
Rosaceae	Geum rivale	Native	7
Rosaceae	Geum rossii	Native	-
Rosaceae	Geum rossii var. rossii	Native	-
Rosaceae	Geum rossii var. turbinatum	Native	-
Rosaceae	Geum triflorum	Native	3
Polemoniaceae	Gilia leptomeria	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Polemoniaceae	<i>Gilia tenerrima</i>	Native	-
Polemoniaceae	<i>Gilia tweedyi</i>	Native	-
Campanulaceae	<i>Githopsis specularioides</i>	Native	insuff. info.
Papaveraceae	<i>Glaucium corniculatum</i>	Exotic	1
Myrsinaceae	<i>Glaux maritima</i>	Native	5
Lamiaceae	<i>Glechoma hederacea</i>	Exotic	1
Crossosomataceae	<i>Glossopetalon spinescens</i>	Native	-
Poaceae	<i>Glyceria borealis</i>	Native	6
Poaceae	<i>Glyceria elata</i>	Native	6
Poaceae	<i>Glyceria grandis</i>	Native	7
Poaceae	<i>Glyceria striata</i>	Native	6
Fabaceae	<i>Glycyrrhiza lepidota</i>	Native	3
Asteraceae	<i>Gnaphalium macounii</i>	Native	-
Asteraceae	<i>Gnaphalium microcephalum</i>	Native	-
Asteraceae	<i>Gnaphalium palustre</i>	Native	3
Asteraceae	<i>Gnaphalium purpureum</i>	Unknown / Undetermined	-
Asteraceae	<i>Gnaphalium stramineum</i>	Native	3
Asteraceae	<i>Gnaphalium uliginosum</i>	Exotic	1
Orchidaceae	<i>Goodyera oblongifolia</i>	Native	5
Orchidaceae	<i>Goodyera repens</i>	Native	6
Plantaginaceae	<i>Gratiola ebracteata</i>	Native	8
Plantaginaceae	<i>Gratiola neglecta</i>	Native	8
Amaranthaceae	<i>Grayia spinosa</i>	Native	-
Asteraceae	<i>Grindelia howellii</i>	Native	2
Asteraceae	<i>Grindelia nana</i>	Native	3
Asteraceae	<i>Grindelia squarrosa</i>	Native	2
Asteraceae	<i>Gutierrezia sarothrae</i>	Native	-
Dryopteridaceae	<i>Gymnocarpium dryopteris</i>	Native	7
Polemoniaceae	<i>Gymnosteris parvula</i>	Native	3
Caryophyllaceae	<i>Gypsophila paniculata</i>	Exotic	0
Caryophyllaceae	<i>Gypsophila scorzonifolia</i>	Exotic	0
Boraginaceae	<i>Hackelia cinerea</i>	Native	-
Boraginaceae	<i>Hackelia deflexa</i>	Native	-
Boraginaceae	<i>Hackelia floribunda</i>	Native	4
Boraginaceae	<i>Hackelia micrantha</i>	Native	4
Boraginaceae	<i>Hackelia patens</i>	Native	-
Gentianaceae	<i>Halenia deflexa</i>	Native	4
Amaranthaceae	<i>Halogeton glomeratus</i>	Exotic	0
Lamiaceae	<i>Hedeoma drummondii</i>	Native	-
Lamiaceae	<i>Hedeoma hispida</i>	Native	-
Fabaceae	<i>Hedysarum alpinum</i>	Native	6
Fabaceae	<i>Hedysarum boreale</i>	Native	-
Fabaceae	<i>Hedysarum occidentale</i>	Native	-
Fabaceae	<i>Hedysarum sulphurescens</i>	Native	-
Asteraceae	<i>Helenium autumnale</i>	Native	6
Asteraceae	<i>Helenium hoopesii</i>	Unknown / Undetermined	-
Asteraceae	<i>Helianthella quinquenervis</i>	Native	4
Asteraceae	<i>Helianthella uniflora</i>	Native	-
Asteraceae	<i>Helianthus annuus</i>	Native	2
Asteraceae	<i>Helianthus maximiliani</i>	Native	4
Asteraceae	<i>Helianthus nuttallii</i>	Native	7

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Asteraceae	Helianthus pauciflorus	Native	-
Asteraceae	Helianthus petiolaris	Native	-
Asteraceae	Helianthus pumilus	Unknown / Undetermined	-
Asteraceae	Helianthus x laetiflorus	Unknown / Undetermined	-
Poaceae	Helictotrichon hookeri	Native	-
Boraginaceae	Heliotropium curassavicum	Native	5
Asteraceae	Helminthotheca echioides	Exotic	1
Liliaceae	Hemerocallis fulva	Exotic	1
Apiaceae	Heracleum lanatum syn. Heracleum maximum ²	Native	5
Brassicaceae	Hesperis matronalis	Exotic	0
Hydrophyllaceae	Hesperochiron californicus	Native	6
Hydrophyllaceae	Hesperochiron pumilus	Native	9
Pontederiaceae	Heteranthera dubia	Native	7
Campanulaceae	Heterocodon rariflorum	Native	7
Asteraceae	Heterotheca villosa	Native	-
Asteraceae	Heterotheca villosa var. depressa	Unknown / Undetermined	-
Asteraceae	Heterotheca villosa var. foliosa	Native	-
Asteraceae	Heterotheca villosa var. minor	Native	-
Asteraceae	Heterotheca villosa var. villosa	Native	-
Saxifragaceae	Heuchera cylindrica	Native	-
Saxifragaceae	Heuchera cylindrica var. cylindrica	Native	-
Saxifragaceae	Heuchera cylindrica var. glabella	Native	-
Saxifragaceae	Heuchera grossulariifolia	Native	-
Saxifragaceae	Heuchera parvifolia	Native	-
Saxifragaceae	Heuchera richardsonii	Native	4
Malvaceae	Hibiscus trionum	Exotic	1
Asteraceae	Hieracium albiflorum	Native	-
Asteraceae	Hieracium aurantiacum	Exotic	0
Asteraceae	Hieracium caespitosum	Exotic	0
Asteraceae	Hieracium gracile	Native	-
Asteraceae	Hieracium praealtum	Exotic	0
Asteraceae	Hieracium scouleri	Native	-
Asteraceae	Hieracium scouleri var. albertinum	Native	-
Asteraceae	Hieracium scouleri var. griseum	Native	-
Asteraceae	Hieracium scouleri var. scouleri	Native	-
Asteraceae	Hieracium umbellatum	Native	-
Hippuridaceae	Hippuris vulgaris	Native	6
Poaceae	Holcus lanatus	Exotic	1
Rosaceae	Holodiscus discolor	Native	4
Caryophyllaceae	Holosteum umbellatum	Exotic	0
Poaceae	Hordeum brachyantherum	Native	5
Poaceae	Hordeum jubatum	Native	2
Poaceae	Hordeum marinum	Exotic	1
Poaceae	Hordeum murinum	Exotic	0
Poaceae	Hordeum pusillum	Native	3
Poaceae	Hordeum vulgare	Exotic	1
Rosaceae	Horkelia fusca	Native	-
Brassicaceae	Hornungia procumbens	Native	4
Campanulaceae	Howellia aquatilis	Native	9

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Asteraceae	Hulsea algida	Native	-
Cannabaceae	Humulus lupulus	Exotic	1
Lycopodiaceae	Huperzia haleakalae	Native	insuff. info.
Lycopodiaceae	Huperzia miyoshiana	Native	-
Lycopodiaceae	Huperzia occidentalis	Native	-
Hydrophyllaceae	Hydrophyllum capitatum	Native	-
Asteraceae	Hymenopappus filifolius	Native	-
Asteraceae	Hymenopappus filifolius var. luteus	Native	-
Asteraceae	Hymenopappus filifolius var. polycephalus	Native	-
Asteraceae	Hymenoxys acaulis	Native	-
Asteraceae	Hymenoxys grandiflora	Native	-
Asteraceae	Hymenoxys richardsonii	Native	-
Asteraceae	Hymenoxys torreyana	Native	-
Solanaceae	Hyoscyamus niger	Exotic	0
Clusiaceae	Hypericum anagaloides	Native	7
Clusiaceae	Hypericum majus	Native	8
Clusiaceae	Hypericum perforatum	Exotic	0
Clusiaceae	Hypericum scouleri	Native	7
Clusiaceae	Hypericum scouleri ssp. nortoniae	Native	-
Clusiaceae	Hypericum scouleri ssp. scouleri	Native	-
Asteraceae	Hypochaeris radicata	Exotic	1
Lamiaceae	Hyssopus officinalis	Exotic	1
Brassicaceae	Idaho scapigera	Native	-
Malvaceae	Iliamna rivularis	Native	3
Balsaminaceae	Impatiens aurella	Native	3
Balsaminaceae	Impatiens ecalcarata	Native	3
Asteraceae	Ionactis alpina	Native	-
Asteraceae	Ionactis stenomeres	Native	-
Convolvulaceae	Ipomoea leptophylla	Native	-
Polemoniaceae	Ipomopsis aggregata	Native	-
Polemoniaceae	Ipomopsis congesta	Native	-
Polemoniaceae	Ipomopsis congesta ssp. congesta	Native	-
Polemoniaceae	Ipomopsis congesta ssp. crebrifolia	Native	-
Polemoniaceae	Ipomopsis congesta ssp. pseudotypica	Native	-
Polemoniaceae	Ipomopsis minutiflora	Native	-
Polemoniaceae	Ipomopsis pumila	Native	-
Polemoniaceae	Ipomopsis spicata	Native	-
Polemoniaceae	Ipomopsis spicata ssp. orchidacea	Native	-
Polemoniaceae	Ipomopsis spicata ssp. spicata	Native	-
Iridaceae	Iris missouriensis	Native	3
Iridaceae	Iris pseudacorus	Exotic	0
Brassicaceae	Isatis tinctoria	Exotic	0
Isoetaceae	Isoetes bolanderi	Native	7
Isoetaceae	Isoetes echinospora	Native	9
Isoetaceae	Isoetes howellii	Native	8
Isoetaceae	Isoetes melanopoda²		absent
Isoetaceae	Isoetes nuttallii²		absent
Isoetaceae	Isoetes occidentalis	Native	9
Asteraceae	Iva axillaris	Native	3
Asteraceae	Iva xanthifolia	Unknown / Undetermined	3
Rosaceae	Ivesia gordonii	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Rosaceae	Ivesia tweedyi	Unknown / Undetermined	-
Juncaceae	Juncus acuminatus	Native	5
Juncaceae	Juncus alpinoarticulatus	Native	7
Juncaceae	Juncus articulatus	Native	7
Juncaceae	Juncus balticus	Native	3
Juncaceae	Juncus biglumis	Native	9
Juncaceae	Juncus brachyphyllus	Unknown / Undetermined	NA
Juncaceae	Juncus bufonius	Native	1
Juncaceae	Juncus castaneus	Native	9
Juncaceae	Juncus compressus	Exotic	1
Juncaceae	Juncus confusus	Native	2
Juncaceae	Juncus covillei	Native	4
Juncaceae	Juncus covillei var. covillei	Native	-
Juncaceae	Juncus covillei var. obtusatus	Native	-
Juncaceae	Juncus drummondii	Native	7
Juncaceae	Juncus dudleyi	Native	3
Juncaceae	Juncus effusus	Native	6
Juncaceae	Juncus ensifolius	Native	4
Juncaceae	Juncus filiformis	Native	7
Juncaceae	Juncus gerardii	Exotic	1
Juncaceae	Juncus hallii	Native	6
Juncaceae	Juncus interior	Native	3
Juncaceae	Juncus longistylis	Native	5
Juncaceae	Juncus mertensianus	Native	7
Juncaceae	Juncus nevadensis	Native	8
Juncaceae	Juncus nodosus	Native	5
Juncaceae	Juncus orthophyllus syn. Juncus longistylis	Native	5
Juncaceae	Juncus parryi	Native	7
Juncaceae	Juncus regelii	Native	6
Juncaceae	Juncus saximontanus²		absent
Juncaceae	Juncus tenuis	Native	3
Juncaceae	Juncus torreyi	Native	5
Juncaceae	Juncus triglumis	Native	8
Juncaceae	Juncus triglumis var. albescens	Native	9
Juncaceae	Juncus triglumis var. triglumis	Native	8
Juncaceae	Juncus tweedyi	Unknown / Undetermined	-
Juncaceae	Juncus vaseyi	Unknown / Undetermined	insuff. info.
Cupressaceae	Juniperus communis	Native	4
Cupressaceae	Juniperus horizontalis	Native	4
Cupressaceae	Juniperus osteosperma	Native	-
Cupressaceae	Juniperus scopulorum	Native	-
Ericaceae	Kalmia microphylla	Native	5
Rubiaceae	Kelloggia galioides	Native	-
Rosaceae	Kelseya uniflora	Native	-
Dipsacaceae	Knautia arvensis	Exotic	0
Cyperaceae	Kobresia myosuroides	Native	7
Cyperaceae	Kobresia sibirica	Native	8
Cyperaceae	Kobresia simpliciuscula	Native	9

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Amaranthaceae	Kochia americana	Native	4
Amaranthaceae	Kochia scoparia Bassia scoparia ²	Exotic	0
Poaceae	Koeleria macrantha	Native	-
Polygonaceae	Koenigia islandica	Native	10
Amaranthaceae	Krascheninnikovia lanata	Native	-
Asteraceae	Lactuca biennis	Unknown / Undetermined	3
Asteraceae	Lactuca canadensis	Unknown / Undetermined	insuff. info.
Asteraceae	Lactuca ludoviciana	Native	3
Asteraceae	Lactuca serriola	Exotic	0
Asteraceae	Lactuca tatarica	Native	4
Asteraceae	Lagophylla ramosissima	Native	-
Lamiaceae	Lamium amplexicaule	Exotic	1
Lamiaceae	Lamium purpureum	Exotic	1
Boraginaceae	Lappula cenchrusoides	Unknown / Undetermined	-
Boraginaceae	Lappula occidentalis	Unknown / Undetermined	-
Boraginaceae	Lappula squarrosa	Exotic	1
Asteraceae	Lapsana communis	Exotic	1
Pinaceae	Larix lyallii	Native	-
Pinaceae	Larix occidentalis	Native	4
Fabaceae	Lathyrus bijugatus	Native	-
Fabaceae	Lathyrus latifolius	Exotic	1
Fabaceae	Lathyrus ochroleucus	Native	-
Fabaceae	Lathyrus sylvestris	Exotic	1
Fabaceae	Lathyrus tuberosus	Exotic	1
Ericaceae	Ledum glandulosum Rhododendron columbianum ²	Native	7
Poaceae	Leersia oryzoides	Native	8
Lemnaceae	Lemna gibba	Unknown / Undetermined	insuff. info.
Lemnaceae	Lemna minor	Native	2
Lemnaceae	Lemna trisulca	Native	5
Lemnaceae	Lemna turionifera	Native	2
Lemnaceae	Lemna valdiviana	Native	insuff. info.
Lamiaceae	Leonurus cardiaca	Exotic	0
Brassicaceae	Lepidium appelianum	Exotic	0
Brassicaceae	Lepidium campestre	Exotic	0
Brassicaceae	Lepidium chalepense	Exotic	0
Brassicaceae	Lepidium densiflorum	Native	3
Brassicaceae	Lepidium densiflorum var. densiflorum	Native	-
Brassicaceae	Lepidium densiflorum var. pubecarpum	Native	-
Brassicaceae	Lepidium densiflorum var. ramosum	Native	-
Brassicaceae	Lepidium draba	Exotic	0
Brassicaceae	Lepidium latifolium	Exotic	0
Brassicaceae	Lepidium montanum	Native	-
Brassicaceae	Lepidium perfoliatum	Exotic	0
Brassicaceae	Lepidium ramosissimum	Native	-
Brassicaceae	Lepidium ramosissimum var. bourgeauanum	Native	-
Brassicaceae	Lepidium ramosissimum var. ramosissimum	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Brassicaceae	Lepidium sativum	Exotic	1
Brassicaceae	Lepidium virginicum	Exotic	1
Brassicaceae	Lepidium virginicum var. medium	Native	-
Brassicaceae	Lepidium virginicum var. pubescens	Native	-
Saxifragaceae	Leptarrhena pyrolifolia	Native	8
Poaceae	Leptochloa fusca	Exotic	1
Polemoniaceae	Leptodactylon caespitosum	Native	-
Polemoniaceae	Leptodactylon pungens	Native	-
Asteraceae	Leucanthemum vulgare	Exotic	0
Liliaceae	Leucocrinum montanum	Native	-
Poaceae	Leucopoa kingii	Native	-
Portulacaceae	Lewisia columbiana	Native	-
Portulacaceae	Lewisia pygmaea	Native	5
Portulacaceae	Lewisia rediviva	Native	-
Portulacaceae	Lewisia triphylla	Native	-
Asteraceae	Liatris ligulistylis	Native	4
Asteraceae	Liatris punctata	Native	-
Apiaceae	Ligusticum canbyi	Native	6
Apiaceae	Ligusticum filicinum	Native	-
Apiaceae	Ligusticum grayi ²	Unknown / Undetermined	NA
Apiaceae	Ligusticum porteri ²	Unknown / Undetermined	NA
Apiaceae	Ligusticum tenuifolium	Native	7
Apiaceae	Ligusticum verticillatum	Native	6
Juncaginaceae	Lilaea scilloides	Native	6
Liliaceae	Lilium columbianum	Native	-
Liliaceae	Lilium philadelphicum	Native	9
Plantaginaceae	Limosella aquatica	Native	4
Polemoniaceae	Linanthastrum nuttallii Leptosiphon nuttallii ²	Native	5
Polemoniaceae	Linanthus septentrionalis	Native	-
Plantaginaceae	Linaria dalmatica	Exotic	0
Plantaginaceae	Linaria vulgaris	Exotic	0
Caprifoliaceae	Linnaea borealis	Native	4
Linaceae	Linum australe	Native	-
Linaceae	Linum lewisii	Native	-
Linaceae	Linum rigidum	Native	-
Linaceae	Linum rigidum var. compactum	Native	-
Linaceae	Linum rigidum var. rigidum	Native	-
Linaceae	Linum usitatissimum	Exotic	1
Orchidaceae	Liparis loeselii	Native	10
Cyperaceae	Lipocarpa micrantha	Native	insuff. info.
Orchidaceae	Listera borealis	Native	9
Orchidaceae	Listera caurina	Native	7
Orchidaceae	Listera convallarioides	Native	8
Orchidaceae	Listera cordata	Native	7
Saxifragaceae	Lithophragma glabrum	Native	-
Saxifragaceae	Lithophragma parviflorum	Native	-
Saxifragaceae	Lithophragma tenellum	Native	-
Boraginaceae	Lithospermum arvense	Exotic	0
Boraginaceae	Lithospermum incisum	Native	-
Boraginaceae	Lithospermum ruderales	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Liliaceae	Lloydia serotina	Native	7
Campanulaceae	Lobelia kalmii	Native	5
Campanulaceae	Lobelia spicata	Native	7
Brassicaceae	Lobularia maritima	Exotic	1
Poaceae	Lolium multiflorum	Exotic	1
Poaceae	Lolium perenne	Exotic	1
Poaceae	Lolium persicum	Exotic	1
Poaceae	Lolium temulentum	Exotic	1
Apiaceae	Lomatium ambiguum	Native	-
Apiaceae	Lomatium attenuatum	Native	-
Apiaceae	Lomatium bicolor	Native	7
Apiaceae	Lomatium cous	Native	-
Apiaceae	Lomatium cusickii	Native	-
Apiaceae	Lomatium dissectum	Native	-
Apiaceae	Lomatium foeniculaceum	Native	-
Apiaceae	Lomatium geyeri	Native	-
Apiaceae	Lomatium macrocarpum	Native	-
Apiaceae	Lomatium nuttallii	Native	-
Apiaceae	Lomatium orientale	Native	-
Apiaceae	Lomatium sandbergii	Native	-
Apiaceae	Lomatium triternatum	Native	-
Apiaceae	Lomatium triternatum var. anomalum	Native	-
Apiaceae	Lomatium triternatum var. platycarpum	Native	-
Apiaceae	Lomatium triternatum var. triternatum	Native	-
Gentianaceae	Lomatogonium rotatum	Native	6
Caprifoliaceae	Lonicera caerulea	Native	8
Caprifoliaceae	Lonicera ciliosa	Native	-
Caprifoliaceae	Lonicera involucrata	Native	5
Caprifoliaceae	Lonicera morrowii	Exotic	1
Caprifoliaceae	Lonicera tatarica	Exotic	1
Caprifoliaceae	Lonicera utahensis	Native	4
Asteraceae	Lorandersonia linifolia	Native	4
Fabaceae	Lotus corniculatus	Exotic	1
Fabaceae	Lotus tenuis	Exotic	1
Fabaceae	Lotus unifoliolatus	Native	-
Rosaceae	Luetkea pectinata	Native	6
Fabaceae	Lupinus arbustus	Native	-
Fabaceae	Lupinus argenteus	Native	-
Fabaceae	Lupinus argenteus var. argentatus	Native	-
Fabaceae	Lupinus argenteus var. argenteus	Native	-
Fabaceae	Lupinus argenteus var. depressus	Native	-
Fabaceae	Lupinus argenteus var. parviflorus	Native	-
Fabaceae	Lupinus argenteus var. rubricaulis	Native	-
Fabaceae	Lupinus caudatus	Unknown / Undetermined	-
Fabaceae	Lupinus lepidus	Native	-
Fabaceae	Lupinus lepidus var. utahensis	Unknown / Undetermined	5
Fabaceae	Lupinus leucophyllus	Native	-
Fabaceae	Lupinus polyphyllus	Native	6
Fabaceae	Lupinus polyphyllus var. burkei	Native	-
Fabaceae	Lupinus polyphyllus var. humicola	Native	-
Fabaceae	Lupinus polyphyllus var. prunophilus	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Fabaceae	Lupinus pusillus	Native	-
Fabaceae	Lupinus sericeus	Native	-
Juncaceae	Luzula arcuata	Native	8
Juncaceae	Luzula divaricata	Native	-
Juncaceae	Luzula hitchcockii	Native	-
Juncaceae	Luzula multiflora	Native	4
Juncaceae	Luzula parviflora	Native	7
Juncaceae	Luzula piperi	Native	8
Juncaceae	Luzula spicata	Native	4
Solanaceae	Lycium barbarum	Exotic	1
Lycopodiaceae	Lycopodium alpinum Diphasiastrum alpinum ²	Native	9
Lycopodiaceae	Lycopodium annotinum	Native	6
Lycopodiaceae	Lycopodium clavatum	Native	10
Lycopodiaceae	Lycopodium complanatum Diphasiastrum complanatum ²	Native	7
Lycopodiaceae	Lycopodium dendroideum	Native	5
Lycopodiaceae	Lycopodium inundatum Lycopodiella inundata ²	Native	10
Lycopodiaceae	Lycopodium lagopus	Native	-
Lycopodiaceae	Lycopodium sitchense	Native	-
Lamiaceae	Lycopus americanus	Native	8
Lamiaceae	Lycopus asper	Native	6
Lamiaceae	Lycopus uniflorus	Native	9
Asteraceae	Lygodesmia juncea	Native	-
Araceae	Lysichiton americanus	Native	8
Myrsinaceae	Lysimachia ciliata	Native	7
Myrsinaceae	Lysimachia thyrsoiflora	Native	8
Lythraceae	Lythrum alatum	Unknown / Undetermined	NA
Lythraceae	Lythrum salicaria	Exotic	0
Asteraceae	Machaeranthera canescens	Native	3
Asteraceae	Machaeranthera tanacetifolia	Native	-
Asteraceae	Madia exigua	Native	-
Asteraceae	Madia glomerata	Native	2
Asteraceae	Madia gracilis	Unknown / Undetermined	-
Asteraceae	Madia minima	Native	-
Liliaceae	Maianthemum canadense	Native	insuff. info.
Liliaceae	Maianthemum trifolium	Unknown / Undetermined	-
Asteraceae	Malacothrix torreyi	Native	-
Brassicaceae	Malcolmia africana	Exotic	0
Rosaceae	Malus sylvestris	Exotic	1
Malvaceae	Malva moschata	Exotic	1
Malvaceae	Malva neglecta	Exotic	1
Malvaceae	Malva parviflora	Exotic	1
Lamiaceae	Marrubium vulgare	Exotic	0
Marsileaceae	Marsilea oligospora	Unknown / Undetermined	insuff. info.
Marsileaceae	Marsilea vestita	Native	4
Asteraceae	Matricaria discoidea	Exotic	0
Fabaceae	Medicago falcata	Exotic	1

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Fabaceae	Medicago lupulina	Exotic	0
Fabaceae	Medicago polymorpha	Exotic	1
Fabaceae	Medicago sativa	Exotic	0
Orobanchaceae	Melampyrum lineare	Native	6
Poaceae	Melica bulbosa	Native	5
Poaceae	Melica smithii	Native	-
Poaceae	Melica spectabilis	Native	7
Poaceae	Melica subulata	Native	-
Fabaceae	Melilotus albus	Exotic	0
Fabaceae	Melilotus officinalis	Exotic	0
Lamiaceae	Mentha arvensis	Native	3
Lamiaceae	Mentha spicata	Exotic	1
Loasaceae	Mentzelia albicaulis	Native	-
Loasaceae	Mentzelia decapetala	Native	-
Loasaceae	Mentzelia dispersa	Native	-
Loasaceae	Mentzelia laevicaulis	Native	-
Loasaceae	Mentzelia nuda	Native	-
Loasaceae	Mentzelia pumila	Native	-
Menyanthaceae	Menyanthes trifoliata	Native	9
Ericaceae	Menziesia ferruginea	Native	4
Boraginaceae	Mertensia alpina	Native	-
Boraginaceae	Mertensia bella	Native	6
Boraginaceae	Mertensia ciliata	Native	6
Boraginaceae	Mertensia lanceolata	Native	-
Boraginaceae	Mertensia longiflora	Native	-
Boraginaceae	Mertensia oblongifolia	Native	-
Boraginaceae	Mertensia paniculata	Native	7
Saxifragaceae	Micranthes apetala	Native	-
Saxifragaceae	Micranthes ferruginea	Native	8
Saxifragaceae	Micranthes idahoensis	Native	7
Saxifragaceae	Micranthes integrifolia	Native	insuff. infor.
Saxifragaceae	Micranthes lyallii	Native	7
Saxifragaceae	Micranthes nidifica	Native	4
Saxifragaceae	Micranthes nivalis	Native	-
Saxifragaceae	Micranthes occidentalis	Native	6
Saxifragaceae	Micranthes odontoloma	Native	7
Saxifragaceae	Micranthes oregana	Native	6
Saxifragaceae	Micranthes rhomboidea	Native	7
Saxifragaceae	Micranthes subapetala	Native	-
Saxifragaceae	Micranthes tempestiva	Native	-
Asteraceae	Microseris nutans	Native	-
Polemoniaceae	Microsteris gracilis	Native	3
Phrymaceae	Mimulus ampliatus	Native	7
Phrymaceae	Mimulus breviflorus	Native	3
Phrymaceae	Mimulus breweri	Native	7
Phrymaceae	Mimulus clivicola	Native	-
Phrymaceae	Mimulus floribundus	Native	3
Phrymaceae	Mimulus glabratus	Native	insuff. info.
Phrymaceae	Mimulus guttatus	Native	5
Phrymaceae	Mimulus hymenophyllus	Native	-
Phrymaceae	Mimulus lewisii	Native	7
Phrymaceae	Mimulus moschatus	Native	3
Phrymaceae	Mimulus nanus	Native	6

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Phrymaceae	Mimulus primuloides	Native	10
Phrymaceae	Mimulus ringens	Native	insuff. info.
Phrymaceae	Mimulus suksdorfii	Native	4
Phrymaceae	Mimulus tilingii	Native	7
Caryophyllaceae	Minuartia austromontana	Native	-
Caryophyllaceae	Minuartia nuttallii	Native	-
Caryophyllaceae	Minuartia obtusiloba	Native	-
Caryophyllaceae	Minuartia rubella	Native	5
Nyctaginaceae	Mirabilis albida	Unknown / Undetermined	-
Nyctaginaceae	Mirabilis linearis	Native	-
Nyctaginaceae	Mirabilis nyctaginea	Native	2
Saxifragaceae	Mitella breweri	Native	7
Saxifragaceae	Mitella caulescens	Native	5
Saxifragaceae	Mitella nuda	Native	8
Saxifragaceae	Mitella pentandra	Native	7
Saxifragaceae	Mitella stauropetala	Native	6
Saxifragaceae	Mitella trifida	Native	5
Caryophyllaceae	Moehringia lateriflora	Native	5
Caryophyllaceae	Moehringia macrophylla	Native	5
Molluginaceae	Mollugo verticillata	Exotic	1
Lamiaceae	Monarda fistulosa	Native	4
Ericaceae	Moneses uniflora	Native	8
Amaranthaceae	Monolepis nuttalliana	Native	1
Ericaceae	Monotropa hypopithys	Native	-
Ericaceae	Monotropa uniflora	Native	7
Portulacaceae	Montia chamissoi	Native	4
Portulacaceae	Montia dichotoma	Native	2
Portulacaceae	Montia linearis	Native	4
Portulacaceae	Montia parvifolia	Native	2
Poaceae	Muhlenbergia andina	Native	7
Poaceae	Muhlenbergia asperifolia	Native	7
Poaceae	Muhlenbergia cuspidata	Native	-
Poaceae	Muhlenbergia filiformis	Native	4
Poaceae	Muhlenbergia glomerata	Native	8
Poaceae	Muhlenbergia mexicana	Native	NA
Poaceae	Muhlenbergia minutissima	Native	2
Poaceae	Muhlenbergia montana		absent
Poaceae	Muhlenbergia racemosa	Native	3
Poaceae	Muhlenbergia richardsonis	Native	4
Poaceae	Munroa squarrosa	Native	-
Apiaceae	Musineon divaricatum	Native	-
Apiaceae	Musineon vaginatum	Native	-
Asteraceae	Mycelis muralis	Exotic	1
Boraginaceae	Myosotis arvensis	Exotic	0
Boraginaceae	Myosotis asiatica	Native	7
Boraginaceae	Myosotis discolor²		absent
Boraginaceae	Myosotis laxa	Native	4
Boraginaceae	Myosotis scorpioides	Exotic	0
Boraginaceae	Myosotis stricta	Exotic	0
Boraginaceae	Myosotis verna	Unknown / Undetermined	insuff. infor.
Caryophyllaceae	Myoston aquaticum²		absent

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Ranunculaceae	Myosurus apetalus	Native	4
Ranunculaceae	Myosurus apetalus var. borealis	Native	-
Ranunculaceae	Myosurus apetalus var. montanus	Native	-
Ranunculaceae	Myosurus minimus	Native	4
Haloragaceae	Myriophyllum quitense	Native	4
Haloragaceae	Myriophyllum sibiricum	Native	3
Haloragaceae	Myriophyllum spicatum	Exotic	0
Haloragaceae	Myriophyllum verticillatum	Unknown / Undetermined	4
Najadaceae	Najas flexilis	Native	7
Najadaceae	Najas guadalupensis	Native	7
Hydrophyllaceae	Nama densum	Native	-
Polemoniaceae	Navarretia divaricata	Unknown / Undetermined	-
Polemoniaceae	Navarretia intertexta	Native	6
Polemoniaceae	Navarretia intertexta ssp. propinqua	Native	-
Polemoniaceae	Navarretia leucocephala	Unknown / Undetermined	NA
Polemoniaceae	Navarretia saximontana	Native	4
Hydrophyllaceae	Nemophila breviflora	Native	-
Lamiaceae	Nepeta cataria	Exotic	0
Solanaceae	Nicotiana attenuata	Native	3
Brassicaceae	Noccaea fendleri	Native	-
Brassicaceae	Noccaea parviflora	Native	-
Asteraceae	Nothocalais cuspidata	Native	-
Asteraceae	Nothocalais nigrescens	Native	-
Asteraceae	Nothocalais troximoides	Native	-
Nymphaeaceae	Nuphar polysepala	Native	5
Nymphaeaceae	Nuphar variegata	Native	5
Plantaginaceae	Nuttallanthus texanus	Native	-
Nymphaeaceae	Nymphaea leibergii	Native	9
Nymphaeaceae	Nymphaea odorata	Exotic	0
Nymphaeaceae	Nymphaea tetragona		absent
Onagraceae	Oenothera albicaulis	Native	-
Onagraceae	Oenothera caespitosa	Native	-
Onagraceae	Oenothera elata	Native	3
Onagraceae	Oenothera flava	Native	2
Onagraceae	Oenothera nuttallii	Native	-
Onagraceae	Oenothera pallida ssp. pallida	Native	-
Onagraceae	Oenothera perennis	Unknown / Undetermined	insuff. info.
Onagraceae	Oenothera villosa	Native	1
Fabaceae	Onobrychis viciifolia	Exotic	1
Asteraceae	Onopordum acanthium	Exotic	0
Boraginaceae	Onosmodium molle	Native	-
Ophioglossaceae	Ophioglossum pusillum	Native	4
Araliaceae	Oplopanax horridus	Native	7
Cactaceae	Opuntia fragilis	Native	-
Cactaceae	Opuntia polyacantha	Native	-
Asteraceae	Oreostemma alpigenum	Native	4
Lamiaceae	Origanum vulgare	Exotic	1
Orobanchaceae	Orobanche corymbosa	Native	-
Orobanchaceae	Orobanche fasciculata	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Orobanchaceae	Orobanche ludoviciana	Native	-
Orobanchaceae	Orobanche uniflora	Native	4
Apiaceae	Orogenia fusiformis²		absent
Apiaceae	Orogenia linearifolia	Native	-
Ericaceae	Orthilia secunda	Native	-
Orobanchaceae	Orthocarpus luteus	Native	4
Orobanchaceae	Orthocarpus tenuifolius	Native	-
Orobanchaceae	Orthocarpus tolmiei	Native	-
Poaceae	Oryzopsis asperifolia	Native	-
Poaceae	Oryzopsis contracta	Native	-
Poaceae	Oryzopsis exigua	Native	-
Poaceae	Oryzopsis hymenoides	Native	-
Poaceae	Oryzopsis micrantha	Native	-
Apiaceae	Osmorhiza berteroi syn. Osmorhiza chilensis	Native	4
Apiaceae	Osmorhiza depauperata	Native	-
Apiaceae	Osmorhiza longistylis	Native	6
Apiaceae	Osmorhiza occidentalis	Native	6
Apiaceae	Osmorhiza purpurea	Native	6
Oxalidaceae	Oxalis corniculata	Exotic	1
Oxalidaceae	Oxalis dillenii	Likely Native	2
Oxalidaceae	Oxalis stricta	Native	insuff. info.
Polygonaceae	Oxyria digyna	Native	5
Fabaceae	Oxytropis besseyi	Native	-
Fabaceae	Oxytropis besseyi var. argophylla	Native	-
Fabaceae	Oxytropis besseyi var. besseyi	Native	-
Fabaceae	Oxytropis besseyi var. fallax	Native	-
Fabaceae	Oxytropis besseyi var. ventosa	Unknown / Undetermined	-
Fabaceae	Oxytropis borealis	Native	-
Fabaceae	Oxytropis campestris	Native	-
Fabaceae	Oxytropis campestris var. columbiana	Native	-
Fabaceae	Oxytropis campestris var. cusickii	Native	-
Fabaceae	Oxytropis campestris var. gracilis	Native	-
Fabaceae	Oxytropis deflexa	Native	4
Fabaceae	Oxytropis deflexa var. foliolosa	Native	-
Fabaceae	Oxytropis deflexa var. sericea	Native	-
Fabaceae	Oxytropis lagopus	Native	-
Fabaceae	Oxytropis lagopus var. atropurpurea	Native	-
Fabaceae	Oxytropis lagopus var. conjugans	Native	-
Fabaceae	Oxytropis lagopus var. lagopus	Native	-
Fabaceae	Oxytropis lambertii	Native	4
Fabaceae	Oxytropis parryi	Native	10
Fabaceae	Oxytropis podocarpa	Native	-
Fabaceae	Oxytropis riparia	Exotic	0
Fabaceae	Oxytropis sericea	Native	-
Fabaceae	Oxytropis sericea var. sericea	Native	-
Fabaceae	Oxytropis sericea var. speciosa	Native	-
Fabaceae	Oxytropis splendens	Native	3
Paeoniaceae	Paeonia brownii	Unknown / Undetermined	-
Poaceae	Panicum capillare	Native	1
Poaceae	Panicum miliaceum	Exotic	0

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Poaceae	<i>Panicum virgatum</i>	Native	4
Papaveraceae	<i>Papaver argemone</i>	Exotic	1
Papaveraceae	<i>Papaver pygmaeum</i>	Native	-
Papaveraceae	<i>Papaver radicatum</i> ssp. <i>kluanensis</i>	Native	-
Papaveraceae	<i>Papaver rhoeas</i>	Exotic	1
Papaveraceae	<i>Papaver somniferum</i>	Exotic	1
Urticaceae	<i>Parietaria pensylvanica</i>	Native	3
Saxifragaceae	<i>Parnassia fimbriata</i>	Native	7
Saxifragaceae	<i>Parnassia kotzebuei</i>	Native	9
Saxifragaceae	<i>Parnassia palustris</i>	Native	4
Saxifragaceae	<i>Parnassia palustris</i> var. <i>montanensis</i>	Native	-
Saxifragaceae	<i>Parnassia palustris</i> var. <i>parviflora</i>	Native	9
Caryophyllaceae	<i>Paronychia sessiliflora</i>	Native	-
Vitaceae	<i>Parthenocissus quinquefolia</i>	Exotic	1
Vitaceae	<i>Parthenocissus vitacea</i>	Native	4
Apiaceae	<i>Pastinaca sativa</i>	Exotic	0
Celastraceae	<i>Paxistima myrsinites</i>	Native	-
Orobanchaceae	<i>Pedicularis bracteosa</i>	Native	-
Orobanchaceae	<i>Pedicularis bracteosa</i> var. <i>bracteosa</i>	Native	-
Orobanchaceae	<i>Pedicularis bracteosa</i> var. <i>canbyi</i>	Native	-
Orobanchaceae	<i>Pedicularis bracteosa</i> var. <i>paysoniana</i>	Native	-
Orobanchaceae	<i>Pedicularis contorta</i>	Native	4
Orobanchaceae	<i>Pedicularis contorta</i> var. <i>contorta</i>	Native	-
Orobanchaceae	<i>Pedicularis contorta</i> var. <i>ctenophora</i>	Native	-
Orobanchaceae	<i>Pedicularis contorta</i> var. <i>rubicunda</i>	Native	-
Orobanchaceae	<i>Pedicularis crenulata</i>	Native	6
Orobanchaceae	<i>Pedicularis cystopteridifolia</i>	Native	-
Orobanchaceae	<i>Pedicularis groenlandica</i>	Native	7
Orobanchaceae	<i>Pedicularis oederi</i>	Native	-
Orobanchaceae	<i>Pedicularis parryi</i>	Native	5
Orobanchaceae	<i>Pedicularis pulchella</i>	Native	-
Orobanchaceae	<i>Pedicularis racemosa</i>	Native	-
Cactaceae	<i>Pediocactus simpsonii</i>	Native	-
Fabaceae	<i>Pediomelum argophyllum</i>	Native	-
Fabaceae	<i>Pediomelum cuspidatum</i>	Unknown / Undetermined	-
Fabaceae	<i>Pediomelum esculentum</i>	Native	-
Fabaceae	<i>Pediomelum hypogaeum</i>	Native	-
Pteridaceae	<i>Pellaea breweri</i>	Native	-
Pteridaceae	<i>Pellaea glabella</i>	Native	-
Plantaginaceae	<i>Penstemon albertinus</i>	Native	-
Plantaginaceae	<i>Penstemon albidus</i>	Native	-
Plantaginaceae	<i>Penstemon angustifolius</i>	Native	-
Plantaginaceae	<i>Penstemon arenicola</i>	Unknown / Undetermined	-
Plantaginaceae	<i>Penstemon aridus</i>	Native	-
Plantaginaceae	<i>Penstemon attenuatus</i>	Native	5
Plantaginaceae	<i>Penstemon attenuatus</i> var. <i>attenuatus</i>	Native	-
Plantaginaceae	<i>Penstemon attenuatus</i> var. <i>pseudoprocerus</i>	Native	-
Plantaginaceae	<i>Penstemon caryi</i>	Native	-
Plantaginaceae	<i>Penstemon confertus</i>	Native	-
Plantaginaceae	<i>Penstemon cyaneus</i>	Native	-
Plantaginaceae	<i>Penstemon deustus</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Plantaginaceae	Penstemon diphyllus	Native	-
Plantaginaceae	Penstemon ellipticus	Native	-
Plantaginaceae	Penstemon eriantherus	Native	-
Plantaginaceae	Penstemon eriantherus var. cleburnei	Unknown / Undetermined	-
Plantaginaceae	Penstemon flavescens	Native	-
Plantaginaceae	Penstemon fruticosus	Native	-
Plantaginaceae	Penstemon glaber	Native	-
Plantaginaceae	Penstemon globosus	Native	-
Plantaginaceae	Penstemon gracilis	Native	4
Plantaginaceae	Penstemon grandiflorus	Native	-
Plantaginaceae	Penstemon humilis	Native	-
Plantaginaceae	Penstemon laricifolius	Native	-
Plantaginaceae	Penstemon lemhiensis	Native	-
Plantaginaceae	Penstemon lyallii	Native	4
Plantaginaceae	Penstemon montanus	Native	-
Plantaginaceae	Penstemon nitidus	Native	-
Plantaginaceae	Penstemon nitidus var. nitidus	Native	-
Plantaginaceae	Penstemon nitidus var. polyphyllus	Native	-
Plantaginaceae	Penstemon payettensis	Native	-
Plantaginaceae	Penstemon procerus	Native	5
Plantaginaceae	Penstemon radicosus	Native	-
Plantaginaceae	Penstemon rydbergii	Native	5
Plantaginaceae	Penstemon whippleanus	Native	-
Plantaginaceae	Penstemon wilcoxii	Native	-
Apiaceae	Perideridia gairdneri	Native	4
Asteraceae	Petasites frigidus	Native	8
Asteraceae	Petasites frigidus var. frigidus	Native	9
Asteraceae	Petasites frigidus var. sagittatus	Native	8
Rosaceae	Petrophytum caespitosum	Native	-
Hydrophyllaceae	Phacelia bakeri	Unknown / Undetermined	-
Hydrophyllaceae	Phacelia franklinii	Native	-
Hydrophyllaceae	Phacelia glandulosa	Native	-
Hydrophyllaceae	Phacelia hastata	Native	-
Hydrophyllaceae	Phacelia heterophylla	Native	3
Hydrophyllaceae	Phacelia incana	Native	-
Hydrophyllaceae	Phacelia ivesiana	Native	-
Hydrophyllaceae	Phacelia linearis	Native	-
Hydrophyllaceae	Phacelia lyallii	Native	-
Hydrophyllaceae	Phacelia scopulina	Native	-
Hydrophyllaceae	Phacelia sericea	Native	-
Hydrophyllaceae	Phacelia thermalis	Native	-
Poaceae	Phalaris arundinacea	Native/Exotic	0
Poaceae	Phalaris canariensis	Exotic	1
Thelypteridaceae	Phegopteris connectilis	Native	6
Hydrangeaceae	Philadelphus lewisii	Native	-
Poaceae	Phippsia algida	Native	10
Poaceae	Phleum alpinum	Native	7
Poaceae	Phleum pratense	Exotic	0
Polemoniaceae	Phlox albomarginata	Native	-
Polemoniaceae	Phlox alyssifolia	Native	-
Polemoniaceae	Phlox andicola	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Polemoniaceae	Phlox austromontana	Native	-
Polemoniaceae	Phlox caespitosa	Native	-
Polemoniaceae	Phlox diffusa	Native	-
Polemoniaceae	Phlox hoodii	Native	-
Polemoniaceae	Phlox kelseyi	Native	5
Polemoniaceae	Phlox kelseyi ssp. kelseyi	Native	-
Polemoniaceae	Phlox kelseyi var. missoulensis	Native	-
Polemoniaceae	Phlox longifolia	Native	-
Polemoniaceae	Phlox multiflora	Native	-
Polemoniaceae	Phlox muscoides	Native	-
Polemoniaceae	Phlox pulvinata	Native	-
Polemoniaceae	Phlox speciosa	Native	-
Poaceae	Phragmites australis	Native	4
Ericaceae	Phyllodoce empetriformis	Native	7
Ericaceae	Phyllodoce glanduliflora	Native	7
Ericaceae	Phyllodoce x intermedia	Native	-
Solanaceae	Physalis hederifolia	Unknown / Undetermined	-
Solanaceae	Physalis heterophylla	Native	-
Solanaceae	Physalis longifolia	Native	-
Solanaceae	Physalis pumila ssp. hispida	Unknown / Undetermined	-
Brassicaceae	Physaria acutifolia	Native	-
Brassicaceae	Physaria arenosa	Native	-
Brassicaceae	Physaria brassicoides	Native	-
Brassicaceae	Physaria carinata	Native	-
Brassicaceae	Physaria curvipes	Native	-
Brassicaceae	Physaria didymocarpa	Native	-
Brassicaceae	Physaria didymocarpa var. lanata	Native	-
Brassicaceae	Physaria douglasii	Native	-
Brassicaceae	Physaria eriocarpa	Native	-
Brassicaceae	Physaria geyeri	Native	-
Brassicaceae	Physaria humilis	Native	-
Brassicaceae	Physaria klausii	Native	-
Brassicaceae	Physaria lesicii	Native	-
Brassicaceae	Physaria ludoviciana	Native	-
Brassicaceae	Physaria pachyphylla	Native	-
Brassicaceae	Physaria pulchella	Native	-
Brassicaceae	Physaria pycnantha	Native	-
Brassicaceae	Physaria saximontana	Native	-
Brassicaceae	Physaria saximontana var. dentata	Native	-
Brassicaceae	Physaria spatulata	Native	-
Rosaceae	Physocarpus malvaceus	Native	-
Rosaceae	Physocarpus monogynus	Native	-
Lamiaceae	Physostegia parviflora	Native	7
Pinaceae	Picea engelmannii	Native	4
Pinaceae	Picea glauca	Native	insuff. info.
Asteraceae	Picradeniopsis oppositifolia	Native	-
Apiaceae	Pimpinella saxifraga	Exotic	1
Lentibulariaceae	Pinguicula macroceras	Native	9
Pinaceae	Pinus albicaulis	Native	-
Pinaceae	Pinus contorta	Native	3
Pinaceae	Pinus flexilis	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Pinaceae	Pinus monticola	Native	6
Pinaceae	Pinus ponderosa	Native	4
Orchidaceae	Piperia elegans	Native	-
Orchidaceae	Piperia elongata	Native	-
Orchidaceae	Piperia unalascensis	Native	6
Boraginaceae	Plagiobothrys leptocladus	Native	6
Boraginaceae	Plagiobothrys scouleri	Native	2
Boraginaceae	Plagiobothrys stipitatus	Unknown / Undetermined	insuff. info.
Plantaginaceae	Plantago australis²		absent
Plantaginaceae	Plantago canescens	Native	-
Plantaginaceae	Plantago elongata	Native	3
Plantaginaceae	Plantago eriopoda	Native	7
Plantaginaceae	Plantago hirtella	Exotic	1
Plantaginaceae	Plantago lanceolata	Exotic	1
Plantaginaceae	Plantago major	Exotic	1
Plantaginaceae	Plantago patagonica	Native	-
Plantaginaceae	Plantago tweedyi	Native	-
Orchidaceae	Platanthera aquilonis	Native	8
Orchidaceae	Platanthera dilatata Piperia dilatata ²	Native	5
Orchidaceae	Platanthera huronensis	Native	8
Orchidaceae	Platanthera obtusata	Native	10
Orchidaceae	Platanthera orbiculata	Native	9
Orchidaceae	Platanthera sparsiflora²		absent
Orchidaceae	Platanthera stricta	Native	7
Asteraceae	Platyschkuhria integrifolia	Native	-
Valerianaceae	Plectritis macrocera	Native	-
Asteraceae	Pleiocanthus spinosus	Native	-
Poaceae	Poa abbreviata ssp. pattersonii syn. Poa abbreviata²	Native	4
Poaceae	Poa alpina	Native	5
Poaceae	Poa annua	Exotic	1
Poaceae	Poa arctica	Native	4
Poaceae	Poa arida	Native	4
Poaceae	Poa arnowiae	Native	-
Poaceae	Poa bulbosa	Exotic	0
Poaceae	Poa compressa	Exotic	0
Poaceae	Poa cusickii	Native	-
Poaceae	Poa fendleriana	Native	-
Poaceae	Poa glauca	Native	-
Poaceae	Poa interior	Native	3
Poaceae	Poa laxa ssp. banffiana	Native	-
Poaceae	Poa leptocoma	Native	8
Poaceae	Poa lettermanii	Native	-
Poaceae	Poa palustris	Native/Exotic	3
Poaceae	Poa pratensis	Exotic	0
Poaceae	Poa reflexa	Native	3
Poaceae	Poa secunda	Native	3
Poaceae	Poa stenantha	Native	4
Poaceae	Poa trivialis	Exotic	1
Poaceae	Poa wheeleri	Native	-
Cleomaceae	Polanisia dodecandra	Native	4

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Polemoniaceae	Polemonium micranthum	Native	3
Polemoniaceae	Polemonium occidentale	Native	6
Polemoniaceae	Polemonium pulcherrimum	Native	-
Polemoniaceae	Polemonium viscosum	Native	-
Polygalaceae	Polygala alba	Native	-
Polygalaceae	Polygala verticillata	Native	4
Polygonaceae	Polygonum achoreum	Native	2
Polygonaceae	Polygonum amphibium syn. Persicaria amphibia ²	Native	6
Polygonaceae	Polygonum austinae	Native	6
Polygonaceae	Polygonum aviculare	Exotic	0
Polygonaceae	Polygonum bistortoides Bistorta bistortoides ²	Native	6
Polygonaceae	Polygonum convolvulus	Exotic	0
Polygonaceae	Polygonum cuspidatum	Exotic	0
Polygonaceae	Polygonum douglasii	Native	3
Polygonaceae	Polygonum engelmannii	Native	4
Polygonaceae	Polygonum erectum	Native	2
Polygonaceae	Polygonum hydropiper syn. Persicaria hydropiper ²	Exotic	1
Polygonaceae	Polygonum lapathifolium syn. Persicaria lapathifolia ²	Unknown / Undetermined	2
Polygonaceae	Polygonum majus	Native	3
Polygonaceae	Polygonum minimum	Native	5
Polygonaceae	Polygonum pensylvanicum syn. Persicaria pensylvanica ²	Unknown / Undetermined	-
Polygonaceae	Polygonum persicaria	Exotic	1
Polygonaceae	Polygonum phytolaccifolium	Native	3
Polygonaceae	Polygonum polygaloides	Native	4
Polygonaceae	Polygonum polygaloides ssp. confertiflorum	Native	-
Polygonaceae	Polygonum polygaloides ssp. kelloggii	Native	-
Polygonaceae	Polygonum punctatum syn. Persicaria punctata ²	Native	4
Polygonaceae	Polygonum ramosissimum	Native	3
Polygonaceae	Polygonum sachalinense	Exotic	-
Polygonaceae	Polygonum sawatchense	Native	insuff. info.
Polygonaceae	Polygonum spergulariiforme	Native	insuff. info.
Polygonaceae	Polygonum viviparum Bistorta vivipara ²	Native	7
Polygonaceae	Polygonum x bohemicum	Exotic	0
Polypodiaceae	Polypodium hesperium	Native	-
Poaceae	Polypogon monspeliensis	Exotic	1
Dryopteridaceae	Polystichum andersonii	Native	-
Dryopteridaceae	Polystichum kruckebergii	Native	-
Dryopteridaceae	Polystichum lonchitis	Native	-
Dryopteridaceae	Polystichum munitum	Native	9
Dryopteridaceae	Polystichum scopulinum	Native	-
Salicaceae	Populus alba	Exotic	1
Salicaceae	Populus angustifolia	Native	5
Salicaceae	Populus balsamifera	Native	5
Salicaceae	Populus deltoides	Native	4
Salicaceae	Populus tremuloides	Native	5
Salicaceae	Populus x acuminata	Native	5

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Salicaceae	Populus x brayshawii	Native	-
Portulacaceae	Portulaca oleracea	Exotic	1
Potamogetonaceae	Potamogeton alpinus	Native	7
Potamogetonaceae	Potamogeton amplifolius	Native	10
Potamogetonaceae	Potamogeton crispus	Exotic	0
Potamogetonaceae	Potamogeton diversifolius	Native	6
Potamogetonaceae	Potamogeton epihydrus	Native	7
Potamogetonaceae	Potamogeton filiformis	Native	6
Potamogetonaceae	Potamogeton foliosus	Native	6
Potamogetonaceae	Potamogeton friesii	Native	7
Potamogetonaceae	Potamogeton gramineus	Native	6
Potamogetonaceae	Potamogeton illinoensis	Native	6
Potamogetonaceae	Potamogeton natans	Native	6
Potamogetonaceae	Potamogeton nodosus	Native	6
Potamogetonaceae	Potamogeton obtusifolius	Native	8
Potamogetonaceae	Potamogeton pectinatus	Native	5
Potamogetonaceae	Potamogeton praelongus	Native	6
Potamogetonaceae	Potamogeton pusillus	Native	7
Potamogetonaceae	Potamogeton richardsonii	Native	6
Potamogetonaceae	Potamogeton robbinsii	Native	7
Potamogetonaceae	Potamogeton strictifolius	Native	7
Potamogetonaceae	Potamogeton vaginatus	Native	7
Potamogetonaceae	Potamogeton zosteriformis	Native	9
Rosaceae	Potentilla argentea	Exotic	1
Rosaceae	Potentilla biennis	Native	4
Rosaceae	Potentilla bipinnatifida	Native	-
Rosaceae	Potentilla brevifolia	Native	-
Rosaceae	Potentilla concinna	Native	-
Rosaceae	Potentilla concinna var. concinna	Native	-
Rosaceae	Potentilla concinna var. divisa	Native	-
Rosaceae	Potentilla diversifolia	Native	6
Rosaceae	Potentilla diversifolia var. diversifolia	Native	-
Rosaceae	Potentilla diversifolia var. perdissecta	Native	-
Rosaceae	Potentilla drummondii	Native	insuff. info.
Rosaceae	Potentilla flabellifolia	Native	8
Rosaceae	Potentilla fruticosa syn. Dasiphora fruticosa ² , Pentaphylloides floribunda	Native	3
Rosaceae	Potentilla gracilis	Native	4
Rosaceae	Potentilla gracilis var. brunnescens	Native	-
Rosaceae	Potentilla gracilis var. elmeri	Native	-
Rosaceae	Potentilla gracilis var. fastigiata	Native	-
Rosaceae	Potentilla gracilis var. flabelliformis	Native	-
Rosaceae	Potentilla gracilis var. pulcherrima	Native	-
Rosaceae	Potentilla hippiana	Native	-
Rosaceae	Potentilla hookeriana	Native	-
Rosaceae	Potentilla hyparctica	Native	-
Rosaceae	Potentilla macounii	Native	-
Rosaceae	Potentilla multisecta	Native	-
Rosaceae	Potentilla nivea	Native	-
Rosaceae	Potentilla nivea var. pentaphylla	Native	-
Rosaceae	Potentilla norvegica	Unknown / Undetermined	2

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Rosaceae	Potentilla ovina	Native	-
Rosaceae	Potentilla paradoxa	Native	5
Rosaceae	Potentilla pensylvanica	Native	4
Rosaceae	Potentilla plattensis	Native	6
Rosaceae	Potentilla recta	Exotic	0
Rosaceae	Potentilla rivalis	Native	4
Rosaceae	Potentilla rubricaulis	Native	insuff. info.
Rosaceae	Potentilla uniflora	Native	-
Asteraceae	Prenanthes racemosa	Unknown / Undetermined	-
Asteraceae	Prenanthes sagittata	Native	-
Primulaceae	Primula alcalina	Native	6
Primulaceae	Primula incana	Native	5
Primulaceae	Primula parryi	Native	8
Liliaceae	Prosartes hookeri	Native	-
Liliaceae	Prosartes trachycarpa	Native	4
Lamiaceae	Prunella vulgaris	Native/Exotic	-
Lamiaceae	Prunella vulgaris ssp. lanceolata	Native	2
Lamiaceae	Prunella vulgaris ssp. vulgaris	Exotic	0
Rosaceae	Prunus americana	Native	4
Rosaceae	Prunus cerasus	Exotic	1
Rosaceae	Prunus emarginata	Native	5
Rosaceae	Prunus mahaleb	Exotic	1
Rosaceae	Prunus pensylvanica	Native	4
Rosaceae	Prunus pumila	Native	-
Rosaceae	Prunus virginiana	Native	3
Pinaceae	Pseudotsuga menziesii	Native	4
Asteraceae	Psilocarphus brevissimus	Native	8
Asteraceae	Psilocarphus elatior	Native	3
Asteraceae	Psilocarphus tenellus	Native	3
Fabaceae	Psoralidium lanceolatum	Native	-
Fabaceae	Psoralidium tenuiflorum	Native	-
Dennstaedtiaceae	Pteridium aquilinum	Native	3
Ericaceae	Pterospora andromedea	Native	-
Poaceae	Puccinellia distans	Exotic	1
Poaceae	Puccinellia lemmonii	Native	7
Poaceae	Puccinellia nuttalliana	Native	6
Rosaceae	Purshia tridentata	Native	-
Ericaceae	Pyrola asarifolia	Native	6
Ericaceae	Pyrola chlorantha	Native	8
Ericaceae	Pyrola elliptica	Native	5
Ericaceae	Pyrola minor	Native	7
Ericaceae	Pyrola picta	Native	-
Asteraceae	Pyrocoma carthamoides	Native	-
Asteraceae	Pyrocoma carthamoides var. carthamoides	Native	-
Asteraceae	Pyrocoma carthamoides var. subsquarrosa	Native	-
Asteraceae	Pyrocoma integrifolia	Native	4
Asteraceae	Pyrocoma lanceolata	Native	4
Asteraceae	Pyrocoma uniflora	Native	6
Fagaceae	Quercus macrocarpa	Native	6
Ranunculaceae	Ranunculus abortivus	Native	3
Ranunculaceae	Ranunculus acriformis	Native	6
Ranunculaceae	Ranunculus acris	Exotic	0

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Ranunculaceae	Ranunculus adoneus	Unknown / Undetermined	-
Ranunculaceae	Ranunculus alismifolius	Native	7
Ranunculaceae	Ranunculus alismifolius var. alismellus	Native	-
Ranunculaceae	Ranunculus alismifolius var. alismifolius	Native	-
Ranunculaceae	Ranunculus alismifolius var. davisii	Native	-
Ranunculaceae	Ranunculus aquatilis syn. Ranunculus longirostris² syn. Ranunculus trichophyllus²	Native	4
Ranunculaceae	Ranunculus cardiophyllus	Native	9
Ranunculaceae	Ranunculus cymbalaria	Native	3
Ranunculaceae	Ranunculus eschscholtzii	Native	7
Ranunculaceae	Ranunculus eschscholtzii var. eschscholtzii	Native	-
Ranunculaceae	Ranunculus eschscholtzii var. eximius	Native	-
Ranunculaceae	Ranunculus eschscholtzii var. suksdorfii	Native	-
Ranunculaceae	Ranunculus flammula	Native	4
Ranunculaceae	Ranunculus glaberrimus	Native	4
Ranunculaceae	Ranunculus glaberrimus var. ellipticus	Native	-
Ranunculaceae	Ranunculus glaberrimus var. glaberrimus	Native	-
Ranunculaceae	Ranunculus gmelinii	Native	4
Ranunculaceae	Ranunculus grayi	Native	9
Ranunculaceae	Ranunculus hyperboreus	Native	9
Ranunculaceae	Ranunculus inamoenus	Native	6
Ranunculaceae	Ranunculus jovis	Native	4
Ranunculaceae	Ranunculus macounii	Native	5
Ranunculaceae	Ranunculus orthorhynchus	Native	8
Ranunculaceae	Ranunculus pedatifidus	Native	9
Ranunculaceae	Ranunculus pensylvanicus	Native	4
Ranunculaceae	Ranunculus populago	Native	7
Ranunculaceae	Ranunculus pygmaeus	Native	9
Ranunculaceae	Ranunculus repens	Exotic	1
Ranunculaceae	Ranunculus rhomboideus	Unknown / Undetermined	-
Ranunculaceae	Ranunculus scleratus	Native	4
Ranunculaceae	Ranunculus sulphureus	Native	7
Ranunculaceae	Ranunculus testiculatus	Exotic	0
Ranunculaceae	Ranunculus uncinatus	Native	2
Brassicaceae	Raphanus raphanistrum	Exotic	1
Brassicaceae	Raphanus sativus	Exotic	1
Asteraceae	Ratibida columnifera	Native	-
Resedaceae	Reseda lutea	Exotic	1
Rhamnaceae	Rhamnus alnifolia	Native	4
Rhamnaceae	Rhamnus cathartica	Exotic	0
Orobanchaceae	Rhinanthus minor	Native	3
Ericaceae	Rhododendron albiflorum	Native	8
Anacardiaceae	Rhus glabra	Native	-
Anacardiaceae	Rhus trilobata	Native	-
Grossulariaceae	Ribes americanum	Native	6
Grossulariaceae	Ribes aureum	Native	5
Grossulariaceae	Ribes cereum	Native	-
Grossulariaceae	Ribes hirtellum		absent
Grossulariaceae	Ribes hudsonianum	Native	7
Grossulariaceae	Ribes inerme	Native	5

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Grossulariaceae	Ribes lacustre	Native	6
Grossulariaceae	Ribes laxiflorum	Native	NA
Grossulariaceae	Ribes montigenum	Native	-
Grossulariaceae	Ribes oxyacanthoides	Native	6
Grossulariaceae	Ribes oxyacanthoides ssp. hendersonii	Native	7
Grossulariaceae	Ribes oxyacanthoides ssp. irriguum	Native	4
Grossulariaceae	Ribes oxyacanthoides ssp. setosum	Native	3
Grossulariaceae	Ribes rubrum	Exotic	1
Grossulariaceae	Ribes triste	Native	7
Grossulariaceae	Ribes viscosissimum	Native	4
Fabaceae	Robinia pseudoacacia	Exotic	1
Hydrophyllaceae	Romanzoffia sitchensis	Native	10
Brassicaceae	Rorippa alpina	Native	4
Brassicaceae	Rorippa austriaca	Exotic	1
Brassicaceae	Rorippa calycina	Native	insuff. info.
Brassicaceae	Rorippa curvipes	Native	4
Brassicaceae	Rorippa curvisiliqua	Native	4
Brassicaceae	Rorippa microphylla	Exotic	1
Brassicaceae	Rorippa nasturtium-aquaticum	Exotic	0
Brassicaceae	Rorippa palustris	Native	4
Brassicaceae	Rorippa palustris ssp. hispida	Native	-
Brassicaceae	Rorippa palustris ssp. occidentalis	Native	-
Brassicaceae	Rorippa palustris var. fernaldiana	Native	-
Brassicaceae	Rorippa sinuata	Native	4
Brassicaceae	Rorippa sylvestris	Exotic	1
Brassicaceae	Rorippa tenerrima	Native	4
Brassicaceae	Rorippa truncata	Native	4
Rosaceae	Rosa acicularis	Native	4
Rosaceae	Rosa arkansana	Native	4
Rosaceae	Rosa blanda	Unknown / Undetermined	NA
Rosaceae	Rosa gymnocarpa	Native	5
Rosaceae	Rosa nutkana	Native	5
Rosaceae	Rosa woodsii	Native	3
Lythraceae	Rotala ramosior	Native	3
Rosaceae	Rubus arcticus	Native	10
Rosaceae	Rubus discolor	Exotic	0
Rosaceae	Rubus idaeus	Native	4
Rosaceae	Rubus idaeus ssp. idaeus	Native	-
Rosaceae	Rubus idaeus ssp. strigosus	Native	-
Rosaceae	Rubus laciniatus	Exotic	1
Rosaceae	Rubus leucodermis	Native	5
Rosaceae	Rubus parviflorus	Native	3
Rosaceae	Rubus pedatus	Native	9
Rosaceae	Rubus pubescens	Native	7
Rosaceae	Rubus ursinus	Native	4
Asteraceae	Rudbeckia hirta	Likely Exotic	1
Asteraceae	Rudbeckia laciniata	Native	5
Asteraceae	Rudbeckia occidentalis	Native	7
Polygonaceae	Rumex acetosa	Unknown / Undetermined	9
Polygonaceae	Rumex acetosella	Exotic	1
Polygonaceae	Rumex britannica		absent

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Polygonaceae	Rumex crispus	Exotic	1
Polygonaceae	Rumex fueginus	Native	6
Polygonaceae	Rumex hymenosepalus	Native	-
Polygonaceae	Rumex obtusifolius	Exotic	1
Polygonaceae	Rumex occidentalis	Native	4
Polygonaceae	Rumex patientia	Exotic	1
Polygonaceae	Rumex paucifolius	Native	4
Polygonaceae	Rumex salicifolius	Native	7
Polygonaceae	Rumex salicifolius var. montigenitus	Native	-
Polygonaceae	Rumex salicifolius var. triangulivalvis	Native	-
Polygonaceae	Rumex stenophyllus	Exotic	1
Polygonaceae	Rumex venosus	Native	3
Ruppiaceae	Ruppia maritima	Native	8
Caryophyllaceae	Sagina nivalis	Native	insuff. info.
Caryophyllaceae	Sagina procumbens	Exotic	1
Caryophyllaceae	Sagina saginoides	Native	3
Alismataceae	Sagittaria cuneata	Native	7
Alismataceae	Sagittaria latifolia	Native	7
Amaranthaceae	Salicornia rubra	Native	7
Salicaceae	Salix amygdaloides	Native	7
Salicaceae	Salix arctica	Native	7
Salicaceae	Salix barclayi	Native	8
Salicaceae	Salix barrattiana	Native	10
Salicaceae	Salix bebbiana	Native	4
Salicaceae	Salix boothii	Native	6
Salicaceae	Salix brachycarpa	Native	6
Salicaceae	Salix candida	Native	9
Salicaceae	Salix cascadenis	Native	insuff. info.
Salicaceae	Salix commutata	Native	7
Salicaceae	Salix discolor	Native	4
Salicaceae	Salix drummondiana	Native	5
Salicaceae	Salix eastwoodiae	Native	7
Salicaceae	Salix eriocephala	Native	4
Salicaceae	Salix eriocephala var. famelica	Native	-
Salicaceae	Salix eriocephala var. mackenzieana	Native	7
Salicaceae	Salix eriocephala var. watsonii	Native	6
Salicaceae	Salix exigua	Native	4
Salicaceae	Salix exigua ssp. exigua	Native	-
Salicaceae	Salix exigua ssp. interior	Native	-
Salicaceae	Salix farriae	Native	7
Salicaceae	Salix fragilis syn. Salix alba²	Exotic	0
Salicaceae	Salix geyeriana	Native	6
Salicaceae	Salix glauca	Native	7
Salicaceae	Salix lasiandra	Native	4
Salicaceae	Salix lasiandra var. caudata	Native	5
Salicaceae	Salix lasiandra var. lasiandra	Native	-
Salicaceae	Salix lemmonii	Native	6
Salicaceae	Salix melanopsis	Native	5
Salicaceae	Salix monochrome²		absent
Salicaceae	Salix monticola²		absent
Salicaceae	Salix myrtilifolia²		absent
Salicaceae	Salix pentandra	Exotic	0

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Salicaceae	Salix petiolaris	Unknown / Undetermined	-
Salicaceae	Salix planifolia	Native	7
Salicaceae	Salix pseudomonticola	Native	7
Salicaceae	Salix reticulata	Native	5
Salicaceae	Salix rotundifolia	Native	8
Salicaceae	Salix scouleriana	Native	4
Salicaceae	Salix serissima	Native	9
Salicaceae	Salix sitchensis	Native	8
Salicaceae	Salix tweedyi	Native	7
Salicaceae	Salix vestita	Native	7
Salicaceae	Salix wolfii	Native	7
Salicaceae	Salix wolfii var. idahoensis	Native	-
Salicaceae	Salix wolfii var. wolfii	Native	-
Amaranthaceae	Salsola collina	Exotic	1
Amaranthaceae	Salsola tragus	Exotic	0
Lamiaceae	Salvia nemorosa	Exotic	1
Lamiaceae	Salvia reflexa	Unknown / Undetermined	-
Lamiaceae	Salvia sclarea	Exotic	1
Lamiaceae	Salvia x sylvestris	Exotic	1
Caprifoliaceae	Sambucus cerulea	Native	4
Caprifoliaceae	Sambucus racemosa	Native	4
Brassicaceae	Sandbergia perplexa	Native	-
Rosaceae	Sanguisorba annua	Native	-
Rosaceae	Sanguisorba minor	Exotic	1
Apiaceae	Sanicula graveolens	Native	-
Apiaceae	Sanicula marilandica	Native	5
Caryophyllaceae	Saponaria officinalis	Exotic	0
Sarcobataceae	Sarcobatus vermiculatus	Native	4
Lamiaceae	Satureja acinos	Exotic	1
Lamiaceae	Satureja douglasii syn. Clinopodium douglasii	Native	-
Lamiaceae	Satureja vulgaris	Exotic	1
Asteraceae	Saussurea americana	Native	6
Asteraceae	Saussurea densa	Native	-
Asteraceae	Saussurea weberi	Native	-
Saxifragaceae	Saxifraga adscendens	Native	6
Saxifragaceae	Saxifraga bronchialis	Native	-
Saxifragaceae	Saxifraga cernua	Native	8
Saxifragaceae	Saxifraga cespitosa	Native	6
Saxifragaceae	Saxifraga chrysantha syn. Saxifraga serpyllifolia	Native	9
Saxifragaceae	Saxifraga flagellaris	Native	-
Saxifragaceae	Saxifraga hirculus	Native	insuff. info.
Saxifragaceae	Saxifraga hyperborea	Native	-
Saxifragaceae	Saxifraga mertensiana	Native	7
Saxifragaceae	Saxifraga oppositifolia	Native	5
Saxifragaceae	Saxifraga rivularis	Native	8
Saxifragaceae	Saxifraga tolmiei	Native	7
Poaceae	Schedonnardus paniculatus	Native	-
Poaceae	Schedonorus arundinaceus	Exotic	0
Poaceae	Schedonorus pratensis	Exotic	0

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Scheuchzeriaceae	Scheuchzeria palustris	Native	10
Poaceae	Schizachne purpurascens	Native	-
Poaceae	Schizachyrium scoparium	Native	4
Brassicaceae	Schoenocrambe linifolia	Native	-
Cyperaceae	Schoenoplectus acutus	Native	5
Cyperaceae	Schoenoplectus americanus	Native	6
Cyperaceae	Schoenoplectus heterochaetus	Native	8
Cyperaceae	Schoenoplectus pungens	Native	6
Cyperaceae	Schoenoplectus subterminalis	Native	9
Cyperaceae	Schoenoplectus tabernaemontani	Native	6
Cyperaceae	Scirpus atrocinctus	Native	4
Cyperaceae	Scirpus atrovirens	Native	insuff. info.
Cyperaceae	Scirpus cyperinus	Native	1
Cyperaceae	Scirpus microcarpus	Native	5
Cyperaceae	Scirpus pallidus	Native	4
Cyperaceae	Scirpus pendulus	Native	insuff. info.
Caryophyllaceae	Scleranthus annuus	Exotic	1
Poaceae	Sclerochloa dura	Exotic	1
Poaceae	Scolochloa festucacea	Native	7
Asteraceae	Scorzonera laciniata	Exotic	0
Scrophulariaceae	Scrophularia lanceolata	Native	4
Lamiaceae	Scutellaria galericulata	Native	6
Poaceae	Secale cereale	Exotic	1
Crassulaceae	Sedum acre	Exotic	1
Crassulaceae	Sedum borschii	Native	-
Crassulaceae	Sedum debile	Native	-
Crassulaceae	Sedum integrifolium	Native	-
Crassulaceae	Sedum lanceolatum	Native	-
Crassulaceae	Sedum rhodanthum	Native	8
Crassulaceae	Sedum stenopetalum	Native	-
Selaginellaceae	Selaginella densa	Native	-
Selaginellaceae	Selaginella densa var. densa	Native	-
Selaginellaceae	Selaginella densa var. scopulorum	Native	-
Selaginellaceae	Selaginella densa var. standleyi	Native	-
Selaginellaceae	Selaginella selaginoides	Native	8
Selaginellaceae	Selaginella wallacei	Native	-
Selaginellaceae	Selaginella watsonii	Native	-
Asteraceae	Senecio amplexens	Native	8
Asteraceae	Senecio canus	Native	-
Asteraceae	Senecio congestus	Unknown / Undetermined	insuff. info.
Asteraceae	Senecio conterminous	Native	-
Asteraceae	Senecio crassulus	Native	7
Asteraceae	Senecio cymbalarioides syn. Packera subnuda ²	Native	7
Asteraceae	Senecio debilis syn. Packera debilis ²	Native	8
Asteraceae	Senecio dimorphophyllus syn. Packera dimorphophylla ²	Native	7
Asteraceae	Senecio dimorphophyllus var. dimorphophyllus	Native	-
Asteraceae	Senecio dimorphophyllus var. paysonii	Native	-
Asteraceae	Senecio elmeri	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Asteraceae	Senecio eremophilus	Native	4
Asteraceae	Senecio fremontii	Native	-
Asteraceae	Senecio fuscatus	Native	-
Asteraceae	Senecio hydrophiloides	Native	5
Asteraceae	Senecio hydrophilus	Native	5
Asteraceae	Senecio indecorus syn. Packera indecora ²	Native	6
Asteraceae	Senecio integerrimus	Native	7
Asteraceae	Senecio integerrimus var. exaltatus	Native	-
Asteraceae	Senecio integerrimus var. integerrimus	Native	-
Asteraceae	Senecio integerrimus var. ochroleucus	Unknown / Undetermined	-
Asteraceae	Senecio integerrimus var. scribneri	Native	-
Asteraceae	Senecio jacobaea	Exotic	0
Asteraceae	Senecio lugens	Native	5
Asteraceae	Senecio megacephalus	Native	-
Asteraceae	Senecio pauciflorus syn. Packera pauciflora²	Native	insuff. info.
Asteraceae	Senecio pauperculus syn. Packera paupercula ²	Native	5
Asteraceae	Senecio plattensis syn. Packera plattensis²	Native	4
Asteraceae	Senecio pseud aureus syn. Packera pseud aurea ²	Native	7
Asteraceae	Senecio serra	Native	5
Asteraceae	Senecio sphaerocephalus	Native	6
Asteraceae	Senecio streptanthifolius syn. Packera streptanthifolia²	Native	5
Asteraceae	Senecio triangularis	Native	5
Asteraceae	Senecio vulgaris	Exotic	0
Asteraceae	Senecio werneriiifolius	Native	-
Poaceae	Setaria italica	Exotic	1
Poaceae	Setaria pumila	Exotic	1
Poaceae	Setaria verticillata	Exotic	1
Poaceae	Setaria viridis	Exotic	1
Elaeagnaceae	Shepherdia argentea	Native	4
Elaeagnaceae	Shepherdia canadensis	Native	4
Apiaceae	Shoshonea pulvinata	Native	-
Rosaceae	Sibbaldia procumbens	Native	4
Malvaceae	Sidalcea oregana	Native	3
Caryophyllaceae	Silene acaulis	Native	5
Caryophyllaceae	Silene antirrhina	Native	-
Caryophyllaceae	Silene conoidea	Exotic	1
Caryophyllaceae	Silene csereii	Exotic	1
Caryophyllaceae	Silene dichotoma	Exotic	1
Caryophyllaceae	Silene dioica	Exotic	1
Caryophyllaceae	Silene douglasii	Native	-
Caryophyllaceae	Silene drummondii	Native	-
Caryophyllaceae	Silene flos-cuculi	Exotic	1
Caryophyllaceae	Silene hitchguirei	Native	8
Caryophyllaceae	Silene latifolia	Exotic	0
Caryophyllaceae	Silene menziesii	Native	6
Caryophyllaceae	Silene noctiflora	Exotic	1

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Caryophyllaceae	<i>Silene oregana</i>	Native	-
Caryophyllaceae	<i>Silene parryi</i>	Native	-
Caryophyllaceae	<i>Silene repens</i>	Native	-
Caryophyllaceae	<i>Silene scouleri</i>	Native	-
Caryophyllaceae	<i>Silene spaldingii</i>	Native	-
Caryophyllaceae	<i>Silene uralensis</i>	Native	6
Caryophyllaceae	<i>Silene vulgaris</i>	Exotic	1
Brassicaceae	<i>Sinapis alba</i>	Exotic	1
Brassicaceae	<i>Sinapis arvensis</i>	Exotic	1
Brassicaceae	<i>Sisymbrium altissimum</i>	Exotic	0
Brassicaceae	<i>Sisymbrium loeselii</i>	Exotic	0
Brassicaceae	<i>Sisymbrium officinale</i>	Exotic	0
Iridaceae	<i>Sisyrinchium halophilum</i> ²		absent
Iridaceae	<i>Sisyrinchium idahoense</i>	Native	6
Iridaceae	<i>Sisyrinchium montanum</i>	Native	6
Iridaceae	<i>Sisyrinchium septentrionale</i>	Native	8
Apiaceae	<i>Sium suave</i>	Native	7
Brassicaceae	<i>Smelowskia calycina</i>	Native	-
Liliaceae	<i>Smilacina racemosa</i>	Native	4
Liliaceae	<i>Smilacina stellata</i>	Native	4
Smilacaceae	<i>Smilax lasioneura</i>	Native	8
Solanaceae	<i>Solanum dulcamara</i>	Exotic	0
Solanaceae	<i>Solanum nigrum</i> syn. <i>Solanum ptychanthum</i> ²	Native	3
Solanaceae	<i>Solanum physalifolium</i>	Exotic	1
Solanaceae	<i>Solanum rostratum</i>	Unknown / Undetermined	-
Solanaceae	<i>Solanum triflorum</i>	Native	-
Asteraceae	<i>Solidago canadensis</i>	Native	3
Asteraceae	<i>Solidago canadensis</i> var. <i>gilvocanescens</i>	Native	-
Asteraceae	<i>Solidago canadensis</i> var. <i>salebrosa</i>	Native	-
Asteraceae	<i>Solidago gigantea</i>	Native	6
Asteraceae	<i>Solidago missouriensis</i>	Native	-
Asteraceae	<i>Solidago mollis</i>	Native	-
Asteraceae	<i>Solidago multiradiata</i>	Native	-
Asteraceae	<i>Solidago nana</i>	Native	-
Asteraceae	<i>Solidago nemoralis</i>	Native	-
Asteraceae	<i>Solidago ptarmicoides</i>	Native	-
Asteraceae	<i>Solidago rigida</i>	Native	4
Asteraceae	<i>Solidago simplex</i>	Native	4
Asteraceae	<i>Solidago velutina</i>	Native	-
Asteraceae	<i>Sonchus arvensis</i>	Exotic	0
Asteraceae	<i>Sonchus arvensis</i> ssp. <i>arvensis</i>	Exotic	0
Asteraceae	<i>Sonchus arvensis</i> ssp. <i>uliginosus</i>	Exotic	0
Asteraceae	<i>Sonchus asper</i>	Exotic	0
Asteraceae	<i>Sonchus oleraceus</i>	Exotic	0
Rosaceae	<i>Sorbus aucuparia</i>	Exotic	1
Rosaceae	<i>Sorbus scopulina</i>	Native	4
Rosaceae	<i>Sorbus sitchensis</i>	Native	5
Poaceae	<i>Sorghastrum nutans</i>	Native	1
Poaceae	<i>Sorghum halepense</i>	Exotic	1
Sparganiaceae	<i>Sparganium angustifolium</i>	Native	7
Sparganiaceae	<i>Sparganium eurycarpum</i>	Native	7

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Sparganiaceae	Sparganium natans	Native	6
Poaceae	Spartina gracilis	Native	6
Poaceae	Spartina pectinata	Native	6
Caryophyllaceae	Spergula arvensis	Exotic	0
Caryophyllaceae	Spergularia media	Exotic	1
Caryophyllaceae	Spergularia rubra	Exotic	0
Caryophyllaceae	Spergularia salina	Unknown / Undetermined	8
Malvaceae	Sphaeralcea coccinea	Native	-
Malvaceae	Sphaeralcea munroana	Native	-
Asteraceae	Sphaeromeria argentea	Native	-
Asteraceae	Sphaeromeria capitata	Native	-
Fabaceae	Sphaerophysa salsula	Exotic	1
Poaceae	Sphenopholis intermedia	Native	-
Poaceae	Sphenopholis obtusata	Native	7
Rosaceae	Spiraea betulifolia	Native	4
Rosaceae	Spiraea douglasii	Native	5
Rosaceae	Spiraea splendens	Native	-
Rosaceae	Spiraea x pyramidata	Native	-
Orchidaceae	Spiranthes diluvialis	Native	6
Orchidaceae	Spiranthes romanzoffiana	Native	6
Lemnaceae	Spirodela polyrrhiza	Native	7
Poaceae	Sporobolus airoides	Native	4
Poaceae	Sporobolus compositus	Native	-
Poaceae	Sporobolus cryptandrus	Native	4
Poaceae	Sporobolus heterolepis²		absent
Poaceae	Sporobolus neglectus	Native	4
Poaceae	Sporobolus vaginiflorus	Unknown / Undetermined	-
Lamiaceae	Stachys palustris	Native	6
Brassicaceae	Stanleya pinnata	Native	-
Brassicaceae	Stanleya pinnata var. integrifolia	Native	-
Brassicaceae	Stanleya pinnata var. pinnata	Native	-
Brassicaceae	Stanleya tomentosa	Native	-
Brassicaceae	Stanleya viridiflora	Native	-
Caryophyllaceae	Stellaria americana	Native	-
Caryophyllaceae	Stellaria borealis	Native	6
Caryophyllaceae	Stellaria calycantha	Native	6
Caryophyllaceae	Stellaria crassifolia	Native	5
Caryophyllaceae	Stellaria crispa	Native	4
Caryophyllaceae	Stellaria graminea	Exotic	1
Caryophyllaceae	Stellaria jamesiana	Native	-
Caryophyllaceae	Stellaria longifolia	Native	6
Caryophyllaceae	Stellaria longipes	Native	7
Caryophyllaceae	Stellaria media	Exotic	0
Caryophyllaceae	Stellaria nitens	Native	-
Caryophyllaceae	Stellaria obtusa	Native	3
Caryophyllaceae	Stellaria umbellata	Native	7
Liliaceae	Stenanthium occidentale	Native	7
Asteraceae	Stenotus acaulis	Native	-
Asteraceae	Stenotus armerioides	Native	-
Asteraceae	Stenotus lanuginosus	Native	-
Asteraceae	Stenotus multicaulis	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Asteraceae	<i>Stephanomeria runcinata</i>	Native	-
Asteraceae	<i>Stephanomeria tenuifolia</i>	Native	-
Poaceae	<i>Stipa comata</i>	Native	-
Poaceae	<i>Stipa curtiseta</i>	Native	-
Poaceae	<i>Stipa lemmonii</i>	Unknown / Undetermined	-
Poaceae	<i>Stipa lettermanii</i>	Native	-
Poaceae	<i>Stipa nelsonii</i>	Native	6
Poaceae	<i>Stipa occidentalis</i>	Native	-
Poaceae	<i>Stipa pinetorum</i>	Native	-
Poaceae	<i>Stipa richardsonii</i>	Native	-
Poaceae	<i>Stipa spartea</i>	Native	-
Poaceae	<i>Stipa thurberiana</i>	Native	-
Poaceae	<i>Stipa viridula</i>	Native	-
Brassicaceae	<i>Streptanthella longirostris</i>	Native	-
Liliaceae	<i>Streptopus amplexifolius</i>	Native	7
Liliaceae	<i>Streptopus lanceolatus</i>	Native	-
Amaranthaceae	<i>Suaeda calceoliformis</i>	Native	3
Amaranthaceae	<i>Suaeda nigra</i>	Native	6
Amaranthaceae	<i>Suaeda occidentalis</i>	Native	4
Amaranthaceae	<i>Suckleya suckleyana</i>	Native	3
Saxifragaceae	<i>Suksdorfia ranunculifolia</i>	Native	7
Saxifragaceae	<i>Suksdorfia violacea</i>	Native	8
Saxifragaceae	<i>Sullivantia hapemanii</i>	Native	10
Gentianaceae	<i>Swertia perennis</i>	Native	7
Caprifoliaceae	<i>Symphoricarpos albus</i>	Native	3
Caprifoliaceae	<i>Symphoricarpos occidentalis</i>	Native	4
Caprifoliaceae	<i>Symphoricarpos oreophilus</i>	Native	-
Asteraceae	<i>Symphyotrichum ascendens</i>	Native	2
Asteraceae	<i>Symphyotrichum boreale</i>	Native	7
Asteraceae	<i>Symphyotrichum campestre</i>	Native	-
Asteraceae	<i>Symphyotrichum ciliatum</i>	Native	6
Asteraceae	<i>Symphyotrichum ciliolatum</i>	Native	5
Asteraceae	<i>Symphyotrichum cusickii</i>	Native	-
Asteraceae	<i>Symphyotrichum eatonii</i>	Native	5
Asteraceae	<i>Symphyotrichum ericoides</i>	Native	6
Asteraceae	<i>Symphyotrichum falcatum</i>	Native	3
Asteraceae	<i>Symphyotrichum foliaceum</i>	Native	5
Asteraceae	<i>Symphyotrichum foliaceum</i> var. <i>apricum</i>	Native	-
Asteraceae	<i>Symphyotrichum foliaceum</i> var. <i>foliaceum</i>	Native	-
Asteraceae	<i>Symphyotrichum foliaceum</i> var. <i>parryi</i>	Native	-
Asteraceae	<i>Symphyotrichum frondosum</i> ²	Unknown / Undetermined	NA
Asteraceae	<i>Symphyotrichum hendersonii</i>	Native	-
Asteraceae	<i>Symphyotrichum laeve</i>	Native	-
Asteraceae	<i>Symphyotrichum lanceolatum</i>	Native	4
Asteraceae	<i>Symphyotrichum molle</i>	Native	-
Asteraceae	<i>Symphyotrichum oblongifolium</i>	Native	-
Asteraceae	<i>Symphyotrichum spathulatum</i>	Native	5
Asteraceae	<i>Symphyotrichum subspicatum</i>	Native	6
Boraginaceae	<i>Symphytum officinale</i>	Exotic	0
Plantaginaceae	<i>Synthyris canbyi</i>	Native	-
Plantaginaceae	<i>Synthyris missurica</i>	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Plantaginaceae	Synthyris pinnatifida	Native	-
Tamaricaceae	Tamarix ramosissima	Exotic	0
Asteraceae	Tanacetum balsamita	Exotic	1
Asteraceae	Tanacetum parthenium	Exotic	1
Asteraceae	Tanacetum vulgare	Exotic	0
Asteraceae	Taraxacum ceratophorum	Native	6
Asteraceae	Taraxacum erythrospermum	Exotic	0
Asteraceae	Taraxacum lyratum	Native	-
Asteraceae	Taraxacum officinale	Exotic	0
Taxaceae	Taxus brevifolia	Native	7
Saxifragaceae	Telesonix heucheriformis	Native	-
Saxifragaceae	Tellima grandiflora	Native	7
Asteraceae	Tetradymia canescens	Native	-
Asteraceae	Tetradymia spinosa	Unknown / Undetermined	-
Lamiaceae	Teucrium canadense	Native	6
Ranunculaceae	Thalictrum alpinum	Native	9
Ranunculaceae	Thalictrum dasycarpum	Native	5
Ranunculaceae	Thalictrum fendleri	Unknown / Undetermined	insuff. info.
Ranunculaceae	Thalictrum occidentale	Native	5
Ranunculaceae	Thalictrum sparsiflorum	Native	5
Ranunculaceae	Thalictrum venulosum	Native	4
Asteraceae	Thelesperma megapotamicum	Unknown / Undetermined	-
Asteraceae	Thelesperma subnudum	Native	-
Brassicaceae	Thelypodium integrifolium	Native	6
Brassicaceae	Thelypodium paniculatum	Native	-
Brassicaceae	Thelypodium sagittatum	Native	6
Fabaceae	Thermopsis montana	Native	6
Fabaceae	Thermopsis montana var. montana	Native	-
Fabaceae	Thermopsis montana var. ovata	Native	-
Fabaceae	Thermopsis rhombifolia	Native	4
Santalaceae	Thesium arvense	Exotic	1
Brassicaceae	Thlaspi arvense	Exotic	0
Cupressaceae	Thuja plicata	Native	7
Lamiaceae	Thymus praecox	Exotic	1
Saxifragaceae	Tiarella trifoliata	Native	5
Crassulaceae	Tillaea aquatica	Native	6
Liliaceae	Tofieldia pusilla	Native	9
Asteraceae	Tonestus aberrans	Native	-
Asteraceae	Tonestus lyallii	Native	-
Asteraceae	Tonestus pygmaeus	Native	-
Poaceae	Torreyochloa pallida	Native	7
Asteraceae	Townsendia condensata	Native	-
Asteraceae	Townsendia exscapa	Native	-
Asteraceae	Townsendia florifer	Native	-
Asteraceae	Townsendia hookeri	Native	-
Asteraceae	Townsendia incana	Native	-
Asteraceae	Townsendia leptotes	Native	-
Asteraceae	Townsendia montana	Native	-
Asteraceae	Townsendia parryi	Native	-
Asteraceae	Townsendia spathulata	Native	-

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Anacardiaceae	Toxicodendron rydbergii	Native	4
Commelinaceae	Tradescantia bracteata	Unknown / Undetermined	NA
Comelinaceae	Tradescantia occidentalis	Native	4
Asteraceae	Tragopogon dubius	Exotic	0
Asteraceae	Tragopogon porrifolius	Exotic	1
Asteraceae	Tragopogon pratensis	Exotic	1
Brassicaceae	Transberingia bursifolia ssp. virgata	Native	-
Ranunculaceae	Trautvetteria caroliniensis	Native	8
Liliaceae	Triantha occidentalis	Native	7
Zygophyllaceae	Tribulus terrestris	Exotic	0
Cyperaceae	Trichophorum alpinum	Native	9
Cyperaceae	Trichophorum cespitosum	Native	8
Cyperaceae	Trichophorum pumilum	Native	10
Fabaceae	Trifolium arvense	Exotic	1
Fabaceae	Trifolium aureum	Exotic	0
Fabaceae	Trifolium beckwithii	Native	4
Fabaceae	Trifolium campestre	Exotic	1
Fabaceae	Trifolium cyathiferum	Native	3
Fabaceae	Trifolium dasyphyllum	Native	4
Fabaceae	Trifolium douglasii²		absent
Fabaceae	Trifolium dubium	Exotic	1
Fabaceae	Trifolium eriocephalum	Native	4
Fabaceae	Trifolium eriocephalum ssp. arcuatum	Native	-
Fabaceae	Trifolium fragiferum	Exotic	0
Fabaceae	Trifolium gymnocarpon	Native	-
Fabaceae	Trifolium haydenii	Native	4
Fabaceae	Trifolium hybridum	Exotic	0
Fabaceae	Trifolium latifolium	Native	-
Fabaceae	Trifolium longipes	Native	6
Fabaceae	Trifolium microcephalum	Native	1
Fabaceae	Trifolium nanum	Native	8
Fabaceae	Trifolium parryi	Native	7
Fabaceae	Trifolium pratense	Exotic	0
Fabaceae	Trifolium repens	Exotic	0
Fabaceae	Trifolium variegatum	Native	2
Fabaceae	Trifolium wormskioldii²		absent
Juncaginaceae	Triglochin maritima	Native	8
Juncaginaceae	Triglochin palustris	Native	7
Liliaceae	Trillium ovatum	Native	6
Campanulaceae	Triodanis leptocarpa	Native	-
Campanulaceae	Triodanis perfoliata	Native	1
Asteraceae	Tripleurospermum inodorum	Exotic	1
Nyctaginaceae	Tripterocalyx micranthus	Native	-
Poaceae	Trisetum canescens	Native	-
Poaceae	Trisetum cernuum	Native	4
Poaceae	Trisetum orthochaetum	Native	NA
Poaceae	Trisetum spicatum	Native	4
Poaceae	Trisetum wolfii	Native	4
Liliaceae	Triteleia grandiflora	Native	-
Poaceae	Triticum aestivum	Exotic	1
Ranunculaceae	Trollius albiflorus syn. Trollius laxus ²	Native	7

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Pinaceae	Tsuga heterophylla	Native	6
Pinaceae	Tsuga mertensiana	Native	8
Brassicaceae	Turritis glabra	Exotic	1
Typhaceae	Typha angustifolia	Likely Native	3
Typhaceae	Typha latifolia	Native	3
Ulmaceae	Ulmus americana	Native	9
Ulmaceae	Ulmus pumila	Exotic	0
Urticaceae	Urtica dioica	Native	3
Urticaceae	Urtica dioica ssp. gracilis	Native	-
Urticaceae	Urtica dioica ssp. holosericea	Native	-
Lentibulariaceae	Utricularia intermedia	Native	10
Lentibulariaceae	Utricularia macrorhiza	Native	5
Lentibulariaceae	Utricularia minor	Native	10
Lentibulariaceae	Utricularia ochroleuca	Native	10
Caryophyllaceae	Vaccaria hispanica	Exotic	1
Ericaceae	Vaccinium cespitosum	Native	5
Ericaceae	Vaccinium membranaceum	Native	4
Ericaceae	Vaccinium myrtilloides	Native	6
Ericaceae	Vaccinium myrtilus	Native	4
Ericaceae	Vaccinium ovalifolium²		absent
Ericaceae	Vaccinium scoparium	Native	4
Ericaceae	Vaccinium uliginosum	Native	8
Poaceae	Vahlodea atropurpurea	Native	7
Valerianaceae	Valeriana acutiloba	Native	7
Valerianaceae	Valeriana dioica	Native	5
Valerianaceae	Valeriana edulis	Native	7
Valerianaceae	Valeriana occidentalis	Native	7
Valerianaceae	Valeriana scouleri	Native	NA
Valerianaceae	Valeriana sitchensis	Native	7
Valerianaceae	Valerianella locusta	Exotic	1
Poaceae	Ventenata dubia	Exotic	0
Liliaceae	Veratrum californicum	Native	4
Liliaceae	Veratrum viride	Native	7
Scrophulariaceae	Verbascum blattaria	Exotic	1
Scrophulariaceae	Verbascum thapsus	Exotic	0
Verbenaceae	Verbena bipinnatifida	Unknown / Undetermined	-
Verbenaceae	Verbena bracteata	Native	3
Verbenaceae	Verbena hastata	Native	6
Verbenaceae	Verbena stricta	Unknown / Undetermined	-
Asteraceae	Verbesina encelioides	Likely Exotic	1
Plantaginaceae	Veronica americana	Native	5
Plantaginaceae	Veronica anagallis-aquatica	Exotic	0
Plantaginaceae	Veronica arvensis	Exotic	0
Plantaginaceae	Veronica biloba	Exotic	1
Plantaginaceae	Veronica chamaedrys	Exotic	1
Plantaginaceae	Veronica cusickii	Native	7
Plantaginaceae	Veronica longifolia	Exotic	1
Plantaginaceae	Veronica officinalis	Exotic	0
Plantaginaceae	Veronica peregrina	Native	4
Plantaginaceae	Veronica persica	Exotic	1
Plantaginaceae	Veronica scutellata	Native	6

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Plantaginaceae	<i>Veronica serpyllifolia</i>	Native/Exotic	-
Plantaginaceae	<i>Veronica serpyllifolia</i> ssp. <i>humifusa</i>	Native	2
Plantaginaceae	<i>Veronica serpyllifolia</i> ssp. <i>serpyllifolia</i>	Exotic	0
Plantaginaceae	<i>Veronica verna</i>	Exotic	1
Plantaginaceae	<i>Veronica wormskjoldii</i>	Native	7
Caprifoliaceae	<i>Viburnum edule</i>	Native	8
Caprifoliaceae	<i>Viburnum lantana</i>	Exotic	1
Caprifoliaceae	<i>Viburnum lentago</i>	Native	6
Caprifoliaceae	<i>Viburnum opulus</i>	Native	1
Fabaceae	<i>Vicia americana</i>	Native	3
Fabaceae	<i>Vicia americana</i> ssp. <i>americana</i>	Native	-
Fabaceae	<i>Vicia americana</i> ssp. <i>minor</i>	Native	-
Fabaceae	<i>Vicia cracca</i>	Exotic	1
Fabaceae	<i>Vicia sativa</i>	Exotic	1
Fabaceae	<i>Vicia tetrasperma</i>	Exotic	1
Fabaceae	<i>Vicia villosa</i>	Exotic	1
Asteraceae	<i>Viguiera multiflora</i>	Native	-
Violaceae	<i>Viola adunca</i>	Native	5
Violaceae	<i>Viola arvensis</i>	Exotic	1
Violaceae	<i>Viola canadensis</i>	Native	4
Violaceae	<i>Viola glabella</i>	Native	4
Violaceae	<i>Viola macloskeyi</i>	Native	8
Violaceae	<i>Viola nephrophylla</i>	Native	8
Violaceae	<i>Viola nuttallii</i>	Native	-
Violaceae	<i>Viola nuttallii</i> var. <i>praemorsa</i>	Native	-
Violaceae	<i>Viola nuttallii</i> var. <i>vallicola</i>	Native	-
Violaceae	<i>Viola orbiculata</i>	Native	-
Violaceae	<i>Viola palustris</i>	Native	7
Violaceae	<i>Viola pedatifida</i>	Native	insuff. info.
Violaceae	<i>Viola purpurea</i>	Native	-
Violaceae	<i>Viola renifolia</i>	Native	8
Violaceae	<i>Viola selkirkii</i>	Native	-
Violaceae	<i>Viola septentrionalis</i>	Native	-
Vitaceae	<i>Vitis riparia</i>	Native	5
Poaceae	<i>Vulpia bromoides</i>	Exotic	1
Poaceae	<i>Vulpia microstachys</i>	Unknown / Undetermined	-
Poaceae	<i>Vulpia myuros</i>	Exotic	1
Poaceae	<i>Vulpia octoflora</i>	Native	3
Rosaceae	<i>Waldsteinia idahoensis</i>	Native	-
Lemnaceae	<i>Wolffia borealis</i>	Native	insuff. info.
Lemnaceae	<i>Wolffia brasiliensis</i>	Native	7
Lemnaceae	<i>Wolffia columbiana</i>	Native	7
Dryopteridaceae	<i>Woodsia oregana</i>	Native	-
Dryopteridaceae	<i>Woodsia scopulina</i>	Native	-
Asteraceae	<i>Wyethia amplexicaulis</i>	Native	3
Asteraceae	<i>Wyethia helianthoides</i>	Native	2
Asteraceae	<i>Wyethia scabra</i>	Native	-
Poaceae	x <i>Elyhordeum macounii</i>²	Unknown / Undetermined	NA
Asteraceae	<i>Xanthisma grindelioides</i>	Native	-
Asteraceae	<i>Xanthisma spinulosum</i>	Native	4
Asteraceae	<i>Xanthium spinosum</i>	Exotic	1

FAMILY NAME	SCIENTIFIC NAME ¹	ORIGIN	2015/2016 C-VALUE ³
Asteraceae	<i>Xanthium strumarium</i>	Native	3
Liliaceae	<i>Xerophyllum tenax</i>	Native	5
Asteraceae	<i>Xylorhiza glabriuscula</i>	Native	-
Agavaceae	<i>Yucca glauca</i>	Native	-
Zannichelliaceae	<i>Zannichellia palustris</i>	Native	8
Liliaceae	<i>Zigadenus elegans</i>	Native	4
Liliaceae	<i>Zigadenus paniculatus</i>	Unknown / Undetermined	-
Liliaceae	<i>Zigadenus venenosus</i> syn. <i>Toxicoscordion venenosum</i> ²	Native	5
Poaceae	<i>Zizania aquatica</i>	Exotic	0
Apiaceae	<i>Zizia aptera</i>	Native	7
Apiaceae	<i>Zizia aurea</i> ²		absent
Zygophyllaceae	<i>Zygophyllum fabago</i>	Exotic	1

¹ Bolded species were evaluated by the 2016 panel. Non-bolded species were evaluated by the 2004-2005/2015 panels (except for species marked as ‘ - ‘).

² Nomenclature used by the U.S. Army Corps of Engineers in the 2014 National Wetland Plant List. The 2016 panel re-evaluated many species and synonyms with historical reporting of occurring in Montana. Not all synonyms are presented in table.

³ C-value codes: 1-10 defined in Table 3 and in Appendix A. ‘Absent’ means the species at this time is not documented to be present in Montana. ‘Insuff. Info.’ means a c-value cannot be assigned because there are too few collections and/or insufficient information to evaluate its response to disturbance and habitat requirements; some specimens may need a re-determination of the species. ‘NA’ means a c-value is not applicable because the plant is a hybrid, is reported without verification to occur in Montana, and/or the species is taxonomically unclear.