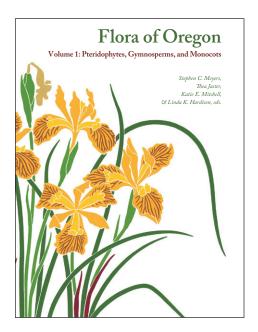
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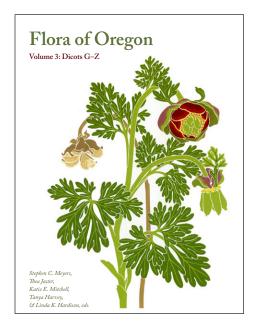
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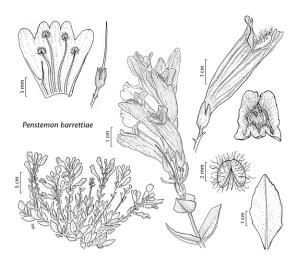
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Two front chapters will be included in Volume 3: one exploring how Indigenous peoples of the region have shaped plant communities through centuries of cultural management and one discussing the impacts of climate change on Oregon's plant diversity. Both are enriched with color photographs and supporting appendices.



Volume 3 will include the penstemons, including the rare taxon *Penstemon barrettiae*. This genus is in Plantaginaceae, the Plantain family, one the five families that formerly comprised Scrophulariaceae (Figwort family). Illustration by John Myers.

Yes—include my name in Volume 3 of the *Flora of Oregon* as a proud sponsor of these sections: **Front chapter topic** (\$400+ each; check your selection): = \$ _____ ☐ climate change ethnobotany **Illustration** (\$250 each; plant habit with 1–3 details. Select available taxa from the list below): __ (plant taxon/taxa sponsored) Floristic treatment (\$135/taxon; identification key, description, maps, and discussion. Select any taxon from the list below) (plant taxon/taxa sponsored): = \$ _____ General support of OregonFlora = \$ ____ **TOTAL** Person(s), group(s), or organization(s) to be honored: Let us know which sections you are sponsoring using either of these methods: (1) USPS mail us your selections along with a check made payable to Agricultural Research Foundation (include "OregonFlora" on the memo line) to: OregonFlora OSU Dept Botany & Plant Pathology 2701 SW Campus Way Corvallis, OR 97331 (2) Email us your selections at info@oregonflora.org and make your payment online here. OREGO Adding your sponsorship choices to the PayPal notes section is also appreciated. NAME oregonflora.org **ADDRESS** Please direct questions and correspondence to: OregonFlora OSU Dept. Botany & Plant Pathology 2701 SW Campus Way Corvallis, OR 97331 CITY, STATE Linda Hardison, Director hardisol@oregonstate.edu E-MAIL 541-737-4338

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Flora of Oregon, Volume 3 taxa

All taxa are available for treatment sponsorship. Taxa in red are available for illustration sponsorship.

Garryaceae

Garrya buxifolia Garrya elliptica Garrya fremontii

Gentianaceae

Centaurium erythraea Centaurium tenuiflorum Cicendia quadrangularis Comastoma tenellum Frasera albicaulis

Frasera albicaulis var. albicaulis Frasera albicaulis var. columbiana Frasera albicaulis var. cusickii Frasera albicaulis var. idahoensis Frasera albicaulis var. modocensis Frasera albicaulis var. nitida

Frasera speciosa Frasera umpquaensis Gentiana affinis Gentiana calycosa

Gentiana newberryi var. newberryi

Gentiana plurisetosa Gentiana prostrata Gentiana sceptrum Gentiana setigera

Gentianella amarella ssp. acuta

Gentianopsis simplex Swertia perennis Zeltnera exaltata Zeltnera muehlenbergii

Geraniaceae

California macrophylla

Erodium botrys
Erodium cicutarium
Erodium moschatum
Geranium bicknellii
Geranium carolinianum
Geranium columbinum
Geranium dissectum
Geranium lucidum
Geranium molle
Geranium oreganum
Geranium pusillum
Geranium richardsonii
Geranium robertianum

Geranium viscosissimum var. incisum Geranium viscosissimum var. viscosissimum

Grossulariaceae

Ribes acerifolium Ribes aureum var. aureum Ribes binominatum

Ribes bracteosum

Ribes cereum var. cereum Ribes cereum var. colubrinum Ribes divaricatum var. divaricatum Ribes divaricatum var. pubiflorum

Ribes erythrocarpum Ribes hudsonianum Ribes inerme var. inerme Ribes inerme var. klamathense

Ribes lacustre Ribes laxiflorum Ribes lobbii Ribes marshallii Ribes menziesii Ribes montigenum Ribes niveum

Ribes oxyacanthoides ssp. cognatum Ribes oxyacanthoides ssp. irriguum

Ribes roezlii var. cruentum

Ribes sanguineum var. glutinosum Ribes sanguineum var. sanguineum

Ribes triste Ribes velutinum Ribes viscosissimum Ribes watsonianum Ribes wolfii

Haloragaceae

Myriophyllum aquaticum Myriophyllum hippuroides Myriophyllum sibiricum Myriophyllum spicatum Myriophyllum ussuriense Myriophyllum verticillatum

Heliotropiaceae

Heliotropium curassavicum var. obovatum

Hydrangeaceae

Philadelphus lewisii Whipplea modesta

Hydrophyllaceae

Hesperochiron californicus Hesperochiron pumilus

Hesperochiron pumitus Hydrophyllum capitatum var. alpinum Hydrophyllum capitatum var. capitatum

Hydrophyllum capitatum var. thompsonii Hydrophyllum fendleri var. albifrons Hydrophyllum fendleri var. fendleri

Hydrophyllum occidentale Hydrophyllum tenuipes Nemophila breviflora Nemophila heterophylla Nemophila kirtleyi

Nemophila menziesii var. atomaria Nemophila parviflora var. austiniae Nemophila parviflora var. parviflora

Nemophila pedunculata Phacelia adenophora Phacelia argentea

Phacelia bicolor var. bicolor Phacelia bicolor var. leibergii

Phacelia bolanderi
Phacelia capitata
Phacelia corymbosa
Phacelia egena
Phacelia glandulifera
Phacelia gymnoclada
Phacelia hastata var. alpina
Phacelia hastata var. hastata
Phacelia hastata var. hastata

Phacelia humilis
Phacelia hydrophylloides
Phacelia inundata
Phacelia leonis
Phacelia linearis
Phacelia lutea yar, calva

Phacelia lutea var. lutea Phacelia malvifolia Phacelia minutissima Phacelia mutabilis

Phacelia nemoralis ssp. oregonensis

Phacelia peckii Phacelia procera

Phacelia ramosissima var. eremophila Phacelia ramosissima var. ramosissima Phacelia ramosissima var. subglabra

Phacelia rattanii

Phacelia scopulina var. scopulina Phacelia sericea var. ciliosa Phacelia tanacetifolia Phacelia tetramera

Phacelia tetramera Phacelia thermalis Phacelia verna Pomanzoffia califo

Romanzoffia californica Romanzoffia sitchensis Romanzoffia thompsonii Romanzoffia tracyi

Hypericaceae

Hypericum × moserianum Hypericum anagalloides Hypericum canadense Hypericum concinnum Hypericum majus

Hypericum mutilum ssp. boreale

Hypericum perforatum Hypericum scouleri

Juglandaceae

Juglans hindsii

Lamiaceae

Agastache cusickii Agastache occidentalis

Agastache urticifolia var. urticifolia

Clinopodium douglasii Clinopodium vulgare Dracocephalum parviflorum Glechoma hederacea Lamiastrum galeobdolon Lamium amplexicaule Lamium purpureum

Lavandula stoechas Leonurus cardiaca Lycopus americanus Lycopus asper Lycopus uniflorus Marrubium vulgare Melissa officinalis

Mentha × piperita ssp. piperita

Mentha canadensis
Mentha longifolia
Mentha pulegium
Mentha spicata
Mentha suaveolens
Monardella angustifolia
Monardella odoratissima
Monardella purpurea

Monardella villosa ssp. sheltonii Monardella villosa ssp. villosa

Nepeta cataria Physostegia parviflora Pogogyne floribunda Lamiaceae (continued)

Pogogyne zizyphoroides

Prunella vulgaris var. lanceolata

Prunella vulgaris var. vulgaris

Salvia aethiopis

Salvia dorrii var. dorrii Salvia dorrii var. incana

Salvia sclarea

Salvia sonomensis

Scutellaria angustifolia ssp. angustifolia Scutellaria angustifolia ssp. micrantha

Scutellaria antirrhinoides Scutellaria galericulata Scutellaria lateriflora

Scutellaria nana

Scutellaria tuberosa Stachys byzantina Stachys cooleyae

Stachys mexicana Stachys pilosa Stachys rigida

Trichostema lanceolatum

Trichostema oblongum Trichostema simulatum

Lauraceae

Umbellularia californica

Lentibulariaceae

Pinguicula vulgaris ssp. macroceras

Utricularia gibba Utricularia intermedia Utricularia minor Utricularia ochroleuca

Utricularia vulgaris ssp. macrorhiza

Limnanthaceae

Floerkea proserpinacoides Limnanthes alba ssp. gracilis Limnanthes douglasii ssp. douglasii Limnanthes floccosa ssp. bellingeriana Limnanthes floccosa ssp. floccosa Limnanthes pumila ssp. grandiflora Limnanthes pumila ssp. pumila

Linaceae

Hesperolinon micranthum

Linum bienne

Linum lewisii var. lewisii

Linum perenne Linum usitatissimum Sclerolinon digynum

Linderniaceae

Lindernia dubia

Linnaeaceae

Linnaea borealis var. longiflora

Loasaceae

Mentzelia albicaulis Mentzelia congesta Mentzelia dispersa

Mentzelia laevicaulis var. laevicaulis

Mentzelia mollis Mentzelia montana Mentzelia packardiae Mentzelia veatchiana

Lythraceae

Ammannia robusta

Lythrum hyssopifolia Lythrum portula Lythrum salicaria

Lythrum tribracteatum Rotala ramosior

Malvaceae

Abutilon theophrasti Iliamna bakeri Iliamna latibracteata Iliamna rivularis Malva moschata Malva neglecta Malva sylvestris Malvella leprosa

Sidalcea asprella ssp. asprella Sidalcea asprella ssp. elegans Sidalcea asprella ssp. nana Sidalcea asprella ssp. virgata

Sidalcea campestris Sidalcea cusickii Sidalcea hendersonii Sidalcea hickmanii

Sidalcea hickmanii ssp. petraea

Sidalcea hirtipes Sidalcea malachroides

Sidalcea malviflora ssp. patula

Sidalcea nelsoniana Sidalcea neomexicana Sidalcea oregana ssp. oregana Sidalcea oregana ssp. spicata

Sphaeralcea grossulariifolia Sphaeralcea munroana

Martyniaceae

Proboscidea louisianica ssp. louisianica

Mazaceae

Mazus pumilus

Menyanthaceae

Menyanthes trifoliata Nephrophyllidium crista-galli

ssp. crista-galli Nymphoides peltata Mollugo verticillata

Montiaceae

Calandrinia menziesii

Calyptridium monospermum Calyptridium roseum Calyptridium umbellatum Claytonia arenicola Claytonia cordifolia

Claytonia exigua ssp. exigua Claytonia exigua ssp. glauca

Claytonia megarhiza

Claytonia nevadensis Claytonia parviflora Claytonia perfoliata Claytonia rubra Claytonia saxosa Claytonia sibirica Claytonia umbellata Claytonia washingtoniana Lewisia × whiteae

Lewisia columbiana var. columbiana Lewisia columbiana var. rupicola Lewisia columbiana var. wallowensis

Lewisia cotyledon

Lewisia cotyledon var. cotyledon Lewisia cotyledon var. howellii

Lewisia leeana Lewisia nevadensis Lewisia oppositifolia Lewisia pygmaea Lewisia rediviva Lewisia triphylla Montia chamissoi Montia dichotoma Montia diffusa Montia fontana Montia howellii Montia linearis Montia parvifolia Phemeranthus spinescens

Moraceae

Morus alba

Myricaceae

Myrica californica Myrica gale

Namaceae

Eriodictyon californicum Eriodictyon lobbii Nama densa Nama parviflora

Nyctaginaceae

Abronia latifolia Abronia mellifera Abronia turbinata

Abronia umbellata ssp. breviflora Mirabilis laevis var. retrorsa Mirabilis macfarlanei

Nymphaeaceae

Nuphar polysepala

Oleaceae

Fraxinus latifolia Fraxinus pennsylvanica Ligustrum vulgare

Onagraceae

Camissonia contorta

Camissonia parvula Camissonia pusilla

Camissoniopsis cheiranthifolia

ssp. cheiranthifolia

Chamaenerion angustifolium var. canescens

Chamaenerion latifolium

Chylismia claviformis ssp. cruciformis Chylismia claviformis ssp. integrior Chylismia scapoidea ssp. brachycarpa Chylismia scapoidea ssp. scapoidea Chylismia scapoidea ssp. utahensis

Chylismiella pterosperma Circaea alpina ssp. pacifica Clarkia amoena ssp. amoena Clarkia amoena ssp. caurina Clarkia amoena ssp. huntiana Clarkia amoena ssp. lindleyi Clarkia gracilis ssp. gracilis Clarkia gracilis ssp. sonomensis

Clarkia heterandra Clarkia lassenensis Clarkia pulchella

Clarkia purpurea ssp. purpurea Clarkia purpurea ssp. quadrivulnera

Clarkia purpurea ssp. viminea

Clarkia rhomboidea

Epilobium anagallidifolium Epilobium brachycarpum Epilobium campestre

Epilobium canum ssp. latifolium Epilobium ciliatum ssp. ciliatum Onagraceae (continued)

Epilobium ciliatum ssp. glandulosum

Epilobium ciliatum ssp. watsonii

Epilobium clavatum Epilobium densiflorum Epilobium foliosum

Epilobium glaberrimum ssp. fastigiatum Epilobium glaberrimum ssp. glaberrimum

Épilobium hallianum Epilobium hirsutum

Epilobium hornemannii ssp. hornemannii

Epilobium lactiflorum Epilobium leptocarpum Epilobium luteum Epilobium minutum Epilobium obcordatum Epilobium oreganum Epilobium oregonense Epilobium pallidum Epilobium palustre Epilobium rigidum Epilobium siskiyouense Epilobium torreyi

Eremothera boothii ssp. alyssoides Eremothera boothii ssp. boothii

Eremothera minor Eremothera pygmaea Fuchsia magellanica Gayophytum decipiens

Gayophytum diffusum ssp. diffusum Gayophytum diffusum ssp. parviflorum

Gayophytum heterozygum Gayophytum humile Gayophytum racemosum Gayophytum ramosissimum Ludwigia hexapetala Ludwigia palustris

Ludwigia peploides ssp. montevidensis Ludwigia peploides ssp. peploides

Neoholmgrenia andina Neoholmgrenia hilgardii Oenothera biennis

Oenothera cespitosa ssp. cespitosa Oenothera cespitosa ssp. marginata

Oenothera curtiflora

Oenothera deltoides ssp. piperi Oenothera elata ssp. hirsutissima Oenothera flava ssp. flava Oenothera glazioviana

Oenothera pallida ssp. pallida Oenothera suffrutescens

Oenothera villosa ssp. strigosa

Oenothera wolfii Taraxia ovata Taraxia subacaulis Taraxia tanacetifolia Tetrapteron graciliflorum Tetrapteron palmeri

Orobanchaceae

Aphyllon californicum ssp. californicum Aphyllon californicum ssp. grayanum Aphyllon corymbosum ssp. corymbosum Aphyllon epigalium ssp. epigalium

Aphyllon fasciculatum Aphyllon ludovicianum Aphyllon pinorum Aphyllon purpureum Bellardia viscosa

Castilleja ambigua var. ambigua

Castilleja chromosa

Castilleja angustifolia var. angustifolia

Castilleja applegatei

Castilleja applegatei var. applegatei Castilleja applegatei var. pinetorum

Castilleja arachnoidea Castilleja attenuata Castilleja brevilobata

Castilleja campestris var. campestris

Castilleja chambersii Castilleja chlorotica Castilleja chrysantha Castilleja collegiorum Castilleja cusickii Castilleja elata Castilleja flava

Castilleja flava var. rustica

Castilleja fraterna Castilleja glandulifera Castilleja gracillima Castilleja hispida var. acuta

Castilleja hispida var. hispida

Castilleja lacera Castilleja levisecta Castilleja linariifolia Castilleja litoralis Castilleja lutea Castilleja lutescens Castilleja mendocinensis Castilleja miniata var. dixonii Castilleja miniata var. miniata Castilleja minor var. exilis

Castilleja oresbia

Castilleja pallescens var. inverta Castilleja parviflora var. oreopola

Castilleja peckiana Castilleja pilosa var. pilosa Castilleja pilosa var. steenensis Castilleja pruinosa

Castilleja rhexiifolia Castilleja rubida Castilleja rupicola Castilleja schizotricha Castilleja suksdorfii Castilleja tenuis Castilleja thompsonii Castilleja viscidula Castilleja xanthotricha

Chloropyron maritimum ssp. canescens Chloropyron maritimum ssp. palustre

Cordylanthus capitatus Cordylanthus ramosus Cordylanthus tenuis

Cordylanthus tenuis ssp. viscidus

Euphrasia nemorosa Kopsiopsis hookeri Kopsiopsis strobilacea Orobanche minor *Orthocarpus bracteosus*

Orthocarpus cuspidatus ssp. copelandii Orthocarpus cuspidatus ssp. cryptanthus *Orthocarpus cuspidatus* ssp. *cuspidatus*

Orthocarpus imbricatus Orthocarpus luteus Orthocarpus tenuifolius Pedicularis attollens Pedicularis bracteosa

Pedicularis bracteosa var. flavida Pedicularis bracteosa var. pachyrhiza Pedicularis centranthera Pedicularis contorta

Pedicularis densiflora ssp. aurantiaca Pedicularis densiflora ssp. densiflora

Pedicularis groenlandica Pedicularis howellii Pedicularis racemosa Pedicularis semibarbata Rhinanthus minor

Triphysaria eriantha ssp. eriantha

Triphysaria pusilla

Triphysaria versicolor ssp. versicolor

Oxalidaceae

Oxalis corniculata Oxalis dillenii Oxalis oregana Oxalis suksdorfii Oxalis trilliifolia

Paeoniaceae

Paeonia brownii

Papaveraceae

Argemone munita ssp. rotundata

Canbya aurea

Corydalis aquae-gelidae Corydalis aurea ssp. aurea Corydalis caseana ssp. cusickii

Corydalis scouleri Dicentra cucullaria

Dicentra formosa ssp. formosa Dicentra formosa ssp. oregana

Dicentra pauciflora Dicentra uniflora Eschscholzia caespitosa Eschscholzia californica Fumaria officinalis Meconella oregana Papaver argemone Papaver rhoeas Platystemon californicus

Parnassiaceae

Parnassia cirrata var. intermedia

Parnassia fimbriata Parnassia palustris Penthorum sedoides

Phrymaceae

Diplacus aurantiacus Diplacus bolanderi Diplacus cascadensis Diplacus clivicola Diplacus congdonii Diplacus cusickii Diplacus cusickioides Diplacus deschutesensis Diplacus douglasii Diplacus jepsonii Diplacus kelloggii Diplacus nanus Diplacus pygmaeus Diplacus tricolor *Erythranthe alsinoides Erythranthe arvensis Erythranthe breviflora Erythranthe breweri* Erythranthe caespitosa Erythranthe cardinalis

Erythranthe decora

Phrymaceae (continued)

Erythranthe dentata Erythranthe floribunda Erythranthe grandis Erythranthe guttata Erythranthe hymenophylla Erythranthe inflatula Erythranthe inodora

Erythranthe jungermannioides

Erythranthe latidens
Erythranthe lewisii
Erythranthe microphylla
Erythranthe moniliformis
Erythranthe moschata
Erythranthe nasuta
Erythranthe patula
Erythranthe primuloides
Erythranthe pulsiferae
Erythranthe scouleri
Erythranthe suksdorfii
Erythranthe tilingii

Erythranthe washingtoniensis

 $Mimetan the\ pilos a$

Phytolaccaceae

Phytolacca americana

Plantaginaceae

Callitriche brutia var. hamulata

Callitriche fassettii

Callitriche heterophylla var. bolanderi Callitriche heterophylla var. heterophylla

Callitriche marginata Callitriche stagnalis Callitriche stenoptera Callitriche trochlearis Callitriche palustris Chaenorhinum minus Collinsia grandiflora Collinsia latifolia Collinsia linearis Collinsia parviflora Collinsia rattanii

 $Collinsia\ sparsiflora\ var.\ bruceae$

Cymbalaria muralis Digitalis purpurea Gratiola ebracteata Gratiola heterosepala Gratiola neglecta Hippuris vulgaris Keckiella lemmonii Kickxia elatine Kickxia spuria

Linaria dalmatica ssp. dalmatica

Linaria maroccana Linaria vulgaris Misopates orontium Nothochelone nemorosa Nuttallanthus texanus

Penstemon acuminatus var. acuminatus Penstemon acuminatus var. latebracteatus

Penstemon anguineus

Penstemon attenuatus var. attenuatus Penstemon attenuatus var. palustris Penstemon azureus var. azureus

Penstemon barrettiae Penstemon cardwellii Penstemon cinicola Penstemon confertus Penstemon cusickii Penstemon davidsonii var. davidsonii Penstemon davidsonii var. menziesii Penstemon davidsonii var. praeteritus Penstemon deustus var. deustus Penstemon deustus var. pedicellatus Penstemon deustus var. suffrutescens

Penstemon deustus var. variabilis

Penstemon elegantulus

Penstemon eriantherus var. argillosus Penstemon eriantherus var. eriantherus Penstemon eriantherus var. redactus

Penstemon euglaucus

Penstemon fruticosus var. fruticosus Penstemon fruticosus var. serratus Penstemon gairdneri var. gairdneri Penstemon gairdneri var. oreganus Penstemon glandulosus var. chelanensis Penstemon glandulosus var. glandulosus

Penstemon glaucinus Penstemon globosus Penstemon gracilentus

Penstemon rydbergii var. oreocharis Penstemon humilis var. humilis

Penstemon janishiae Penstemon kingii

Penstemon laetus var. sagittatus

Penstemon miser

Penstemon ovatus

Penstemon newberryi var. berryi

Penstemon parvulus
Penstemon payettensis
Penstemon peckii
Penstemon pennellianus
Penstemon perpulcher
Penstemon pratensis

Penstemon procerus var. formosus Penstemon procerus var. procerus Penstemon rattanii var. rattanii Penstemon richardsonii var. curtiflorus Penstemon richardsonii var. dentatus Penstemon richardsonii var. richardsonii

Penstemon procerus var. brachyanthus

Penstemon roezlii Penstemon rupicola

Penstemon seorsus

Penstemon rydbergii var. rydbergii

Penstemon serrulatus Penstemon spatulatus Penstemon speciosus Penstemon subserratus Penstemon triphyllus Penstemon venustus Penstemon wilcoxii Plantago arenaria Plantago coronopus

Plantago elongata var. elongata

Plantago erecta Plantago eriopoda Plantago lanceolata Plantago macrocarpa Plantago major

Plantago maritima var. californica Plantago maritima var. juncoides

Plantago patagonica Plantago subnuda Sairocarpus kingii Sairocarpus breweri Tonella floribunda Tonella tenella Veronica americana

Veronica anagallis-aquatica

Veronica arvensis Veronica californica Veronica catenata Veronica chamaedrys Veronica cusickii Veronica filiformis Veronica hederaefolia

Veronica missurica ssp. missurica Veronica missurica ssp. stellata

Veronica officinalis

Veronica peregrina var. peregrina Veronica peregrina var. xalapensis

Veronica persica Veronica regina-nivalis

Veronica rubra Veronica schizantha Veronica scutellata

Veronica serpyllifolia var. humifusa Veronica serpyllifolia var. serpyllifolia

Veronica verna Veronica wormskjoldii

Plumbaginaceae

Armeria maritima var. californica

Limonium californicum

Polemoniaceae

Aliciella humillima Aliciella leptomeria Aliciella lottiae Aliciella micromeria Allophyllum gilioides Collomia debilis Collomia grandiflora Collomia heterophylla Collomia larsenii Collomia linearis Collomia macrocalyx Collomia mazama Collomia renacta Collomia tenella Collomia tinctoria Eriastrum signatum Eriastrum wilcoxii

Gilia brecciarum ssp. brecciarum Gilia capitata ssp. capitata Gilia capitata ssp. chamissonis Gilia capitata ssp. pacifica

Gilia inconspicua Gilia millefoliata Gilia modocensis Gilia sinuata Gilia tweedyi

Gymnosteris nudicaulis Gymnosteris parvula

Ipomopsis aggregata ssp. aggregata Ipomopsis congesta ssp. congesta Ipomopsis congesta ssp. montana Ipomopsis congesta ssp. viridis

Ipomopsis tenuituba

Langloisia setosissima ssp. punctata

Lathrocasis tenerrima Leptosiphon bicolor Leptosiphon bolanderi Leptosiphon ciliatus Leptosiphon harknessii Leptosiphon liniflorus

Leptosiphon nuttallii ssp. nuttallii

Polemoniaceae (continued)

Leptosiphon septentrionalis

Linanthus pungens Microgilia minutiflora

Microsteris gracilis Navarretia atractyloides Navarretia breweri Navarretia capillaris

Navarretia capillaris Navarretia divaricata Navarretia heterandra

Navarretia intertexta ssp. intertexta Navarretia intertexta ssp. propinqua Navarretia leptalea ssp. leptalea

Navarretia leucocephala ssp. leucocephala Navarretia leucocephala ssp. minima

Navarretia modocensis Navarretia pubescens

Navarretia sinistra ssp. sinistra

Navarretia squarrosa Navarretia subuligera Navarretia tagetina Navarretia willamettensis

Phlox aculeata
Phlox adsurgens
Phlox austromontana
Phlox colubrina
Phlox diffusa
Phlox hendersonii

Phlox hoodii ssp. canescens

Phlox longifolia Phlox multiflora Phlox muscoides Phlox pulvinata Phlox speciosa Phlox viscida

Polemonium californicum
Polemonium carneum
Polemonium micranthum
Polemonium occidentale
Polemonium pulcherrimum
ssp. pulcherrimum
Polemonium viscosum

Polygalaceae

Polygala californica Polygala vulgaris

Polygonaceae

Aconogonon davisiae var. davisiae

Aconogonon phytolaccifolium var. glabrum Aconogonon phytolaccifolium var. phytolaccifolium

Bistorta bistortoides Bistorta vivipara

Chorizanthe brevicornu var. spathulata

Chorizanthe membranacea Chorizanthe watsonii Eriogonum baileyi var. baileyi

Eriogonum baileyi Val. baile Eriogonum brachyanthum Eriogonum caespitosum Eriogonum calcareum Eriogonum cernuum

Eriogonum chrysops Eriogonum collinum

Eriogonum compositum var. compositum

Eriogonum compositum var. leianthum Eriogonum crosbyae var. crosbyae Eriogonum crosbyae var. mystrium

Eriogonum cusickii Eriogonum diclinum Eriogonum douglasii var. douglasii Eriogonum douglasii var. meridionale Eriogonum elatum var. elatum Eriogonum elatum var. villosum

Eriogonum flavum

Eriogonum flavum var. piperi

Eriogonum heracleoides var. heracleoides

Eriogonum hookeri Eriogonum latifolium Eriogonum lobbii

Eriogonum luteolum var. luteolum

Eriogonum maculatum

Eriogonum marifolium var. marifolium Eriogonum microtheca var. ambiguum Eriogonum microtheca var. laxiflorum Eriogonum microtheca var. microtheca

Eriogonum nidularium
Eriogonum niveum
Eriogonum novonudum
Eriogonum nudum var. nudum
Eriogonum nudum var. oblongifolium
Eriogonum nudum var. paralinum
Eriogonum nudum var. pubiflorum
Eriogonum nutans var. nutans
Eriogonum ochrocephalum
Eriogonum ovalifolium

Eriogonum ovalifolium var. depressum Eriogonum ovalifolium var. nivale Eriogonum ovalifolium var. ovalifolium Eriogonum ovalifolium var. purpureum Eriogonum ovalifolium var. rubidum

Eriogonum pendulum Eriogonum prociduum Eriogonum pusillum

Eriogonum pyrolifolium var. corphaeum Eriogonum pyrolifolium var. pyrolifolium

Eriogonum roseum Eriogonum salicornioides Eriogonum scopulorum

Eriogonum spergulinum var. reddingianum

Eriogonum sphaerocephalum

var. halimioides

Eriogonum sphaerocephalum var. sphaerocephalum

Eriogonum sphaerocephalum var. sublineare Eriogonum strictum var. anserinum Eriogonum strictum var. proliferum Eriogonum strictum var. strictum

Eriogonum ternatum Eriogonum thymoides

Eriogonum umbellatum var. argus
Eriogonum umbellatum var. aureum
Eriogonum umbellatum var. devestivum
Eriogonum umbellatum var. dichrocephalum
Eriogonum umbellatum var. dumosum
Eriogonum umbellatum var. ellipticum
Eriogonum umbellatum var. glaberrimum
Eriogonum umbellatum var. goodmanii
Eriogonum umbellatum var. haussknechtii

Eriogonum umbellatum var. modocense Eriogonum umbellatum var. nelsoniorum Eriogonum umbellatum var. nevadense Eriogonum umbellatum var. sandbergii

Eriogonum villosissimum

Eriogonum vimineum Eriogonum watsonii Fallopia × bohemica Fallopia baldschuanica Fallopia convolvulus Fallopia japonica Fallopia sachalinensis Oxyria digyna

Oxytheca dendroidea ssp. dendroidea

Persicaria amphibia Persicaria hydropiper Persicaria hydropiperoides Persicaria lapathifolia Persicaria maculosa Persicaria pensylvanica Persicaria punctata Persicaria wallichii Polygonum achoreum

Polygonum austiniae

Polygonum aviculare ssp. buxiforme Polygonum aviculare ssp. depressum

Polygonum californicum Polygonum cascadense Polygonum douglasii Polygonum erectum Polygonum gabrielae Polygonum heterosepalum

Polygonum majus Polygonum minimum Polygonum nuttallii Polygonum paronychia Polygonum parryi

Polygonum polygaloides ssp. confertiflorum Polygonum polygaloides ssp. esotericum Polygonum polygaloides ssp. kelloggii Polygonum polygaloides ssp. polygaloides

Polygonum ramosissimum ssp. ramosissimum Polygonum sawatchense Polygonum shastense Polygonum spergulariiforme

Rumex acetosella Rumex conglomeratus Rumex crispus Rumex cuneifolius Rumex fueginus Rumex obtusifolius Rumex occidentalis Rumex patientia Rumex paucifolius Rumex persicarioides

Rumex persicarioide Rumex pulcher Rumex salicifolius Rumex sanguineus Rumex utahensis Rumex venosus

Portulacaceae

Portulaca oleracea

Primulaceae

Androsace elongata ssp. acuta Androsace filiformis Androsace septentrionalis Dodecatheon alpinum Dodecatheon austrofrigidum Dodecatheon cusickii

Dodecatheon dentatum
Dodecatheon hendersonii
Dodecatheon jeffreyi
Dodecatheon poeticum

Dodecatheon pulchellum var. macrocarpum Dodecatheon pulchellum var. monanthum Dodecatheon pulchellum var. pulchellum Dodecatheon pulchellum var. shoshonense

Primulaceae (continued)

Douglasia laevigata

Lysimachia arvensis

Lysimachia ciliata

Lysimachia europaea

Lysimachia latifolia

Lysimachia maritima

Lysimachia minima

Lysimachia nummularia

Lysimachia terrestris

Primula cusickiana var. cusickiana

Ranunculaceae

Aconitum columbianum ssp. columbianum

Aconitum columbianum ssp. viviparum

Actaea rubra

Adonis aestivalis

Anemone deltoidea

Anemone drummondii var. drummondii

Anemone lyallii

Anemone multifida var. multifida Anemone multifida var. saxicola

Anemone multifida var. tetonensis

Anemone occidentalis

Anemone oregana var. felix

Anemone oregana var. oregana

Anemone parviflora

Anemone piperi

Aquilegia flavescens

Aquilegia formosa

Caltha chionophila

Caltha biflora

Caltha palustris

Ceratocephala testiculata

Cimicifuga elata var. alpestris

Cimicifuga elata var. elata

Cimicifuga laciniata

Clematis hirsutissima var. hirsutissima

Clematis ligusticifolia

Clematis occidentalis var. grosseserrata

Clematis vitalba

Consolida ajacis

Coptis laciniata

Coptis trifolia

Delphinium decorum

Delphinium depauperatum Delphinium distichum

Delphinium glareosum

Delphinium glaucum

Delphinium leucophaeum

Delphinium menziesii

Delphinium nudicaule

Delphinium nuttallianum

Delphinium nuttallii Delphinium oreganum

Delphinium pavonaceum

Delphinium scaposum var. andersonii

Delphinium stachydeum

Delphinium trolliifolium

Enemion hallii

Enemion occidentale

Enemion stipitatum

Eranthis hyemalis

Ficaria verna

Myosurus apetalus var. borealis Myosurus apetalus var. montanus

Myosurus minimus

Myosurus sessilis

Ranunculus acris

Ranunculus alismifolius var. alismellus

Ranunculus alismifolius var. alismifolius Ranunculus alismifolius var. davisii

Ranunculus alismifolius var. hartwegii

Ranunculus andersonii

Ranunculus aquatilis var. aquatilis Ranunculus aquatilis var. diffusus

Ranunculus arvensis

Ranunculus austro-oreganus

Ranunculus bonariensis var. trisepalus

Ranunculus californicus Ranunculus cymbalaria

Ranunculus eschscholtzii var. eschscholtzii

Ranunculus eschscholtzii var. suksdorfii Ranunculus eschscholtzii var. trisectus

Ranunculus flabellaris

Ranunculus flammula

Ranunculus glaberrimus var. ellipticus

Ranunculus glaberrimus var. glaberrimus

Ranunculus gmelinii

Ranunculus gormanii

Ranunculus hebecarpus

Ranunculus lobbii

Ranunculus macounii

Ranunculus muricatus

Ranunculus occidentalis

Ranunculus oresterus

Ranunculus orthorhynchus var. bloomeri

Ranunculus orthorhynchus

var. orthorhynchus

Ranunculus orthorhynchus

var. platyphyllus

Ranunculus parviflorus

Ranunculus populago

Ranunculus repens

Ranunculus sardous

Ranunculus sceleratus var. multifidus

Ranunculus sceleratus var. sceleratus

Ranunculus triternatus

Ranunculus uncinatus

Thalictrum alpinum

Thalictrum fendleri

Thalictrum occidentale

Thalictrum polycarpum

Thalictrum sparsiflorum

Thalictrum venulosum

Trautvetteria caroliniensis

Trollius albiflorus

Rhamnaceae

Ceanothus cordulatus

Ceanothus cuneatus var. cuneatus

Ceanothus integerrimus var. macrothyrsus

Ceanothus parryi

Ceanothus prostratus var. prostratus

Ceanothus pumilus

Ceanothus velutinus var. laevigatus

Ceanothus velutinus var. velutinus

Rhamnus alnifolia

Rhamnus californica ssp. occidentalis

Rhamnus ilicifolia Rhamnus purshiana

Rhamnus rubra

Rosaceae

Acaena novae-zelandica

Agrimonia gryposepala

Amelanchier alnifolia

Amelanchier alnifolia var. alnifolia Amelanchier alnifolia var. pumila

Amelanchier alnifolia var. semiintegrifolia

Amelanchier cusickii Amelanchier pallida Amelanchier utahensis Aphanes arvensis Aphanes australis Aphanes macrosepala

Aphanes occidentalis

Aruncus dioicus var. acuminatus Aruncus dioicus var. dioicus

Cercocarpus betuloides var. betuloides Cercocarpus betuloides var. macrourus Cercocarpus ledifolius var. intermontanus

Cercocarpus ledifolius var. ledifolius

Chamaebatiaria millefolium

Comarum palustre Cotoneaster × suecicus Cotoneaster dielsianus Cotoneaster divaricatus Cotoneaster fangianus

Cotoneaster franchetii Cotoneaster hjelmqvistii Cotoneaster horizontalis

Cotoneaster integrifolius Cotoneaster lacteus Cotoneaster nitens Cotoneaster pannosus

Cotoneaster simonsii Cotoneaster sternianus Crataegus castlegarensis

Crataegus chrysocarpa var. piperi

Crataegus douglasii Crataegus gaylussacia

Crataegus macracantha var. occidentalis

Crataegus monogyna Crataegus phaenopyrum Dasiphora fruticosa Drvas drummondii

Dryas hookeriana Drymocallis ashlandica Drymocallis campanulata Drymocallis convallaria

Drymocallis glabrata Drymocallis glandulosa var. glandulosa Drymocallis glandulosa var. reflexa Drymocallis glandulosa var. wrangelliana

Drymocallis lactea var. austiniae Drymocallis lactea var. lactea

Drymocallis pseudorupestris var. saxicola

Drymocallis rhomboidea

Filipendula occidentalis Fragaria × ananassa ssp. ananassa

Fragaria × ananassa ssp. cuneifolia

Fragaria cascadensis Fragaria chiloensis ssp. lucida Fragaria chiloensis ssp. pacifica Fragaria vesca ssp. bracteata Fragaria vesca ssp. californica Fragaria virginiana ssp. platypetala

Geum aleppicum Geum macrophyllum

Geum rossii Geum triflorum var. ciliatum

Geum urbanum

Holodiscus discolor var. discolor

Holodiscus microphyllus var. glabrescens Holodiscus microphyllus var. microphyllus

Horkelia congesta ssp. congesta Horkelia congesta ssp. nemorosa Horkelia daucifolia var. caruifolia Rosaceae (continued)

Horkelia daucifolia var. daucifolia Horkelia fusca ssp. capitata Horkelia fusca ssp. filicoides Horkelia fusca ssp. fusca Horkelia fusca ssp. parviflora Horkelia fusca ssp. pseudocapitata

Horkelia hendersonii Horkelia howellii Horkelia sericata

Horkelia tridentata var. flavescens Horkelia tridentata var. tridentata

Ivesia baileyi var. beneolens Ivesia gordonii var. alpicola Ivesia gordonii var. ursinorum

Ivesia rhypara

Ivesia shockleyi var. shockleyi

Luetkea pectinata Malus × dawsoniana Malus × domestica Malus fusca

Oemleria cerasiformis Peraphyllum ramosissimum Physocarpus capitatus Physocarpus malvaceus

Potentilla anserina ssp. anserina Potentilla anserina ssp. pacifica

Potentilla biennis Potentilla brevifolia Potentilla brunnescens Potentilla breweri Potentilla flabellifolia

Potentilla glaucophylla var. glaucophylla

Potentilla gracilis var. elmeri Potentilla gracilis var. fastigiata Potentilla gracilis var. flabelliformis Potentilla gracilis var. gracilis Potentilla gracilis var. owyheensis

Potentilla hookeriana Potentilla jepsonii Potentilla newberryi Potentilla norvegica Potentilla ovina

Potentilla ovina var. ovina

Potentilla recta Potentilla rivalis

Potentilla villosa

Potentilla supina ssp. paradoxa Potentilla versicolor var. darrachii

Poteridium occidentale
Poterium sanguisorba
var. polygamum
Prunus americana
Prunus avium
Prunus cerasifera
Prunus domestica

Prunus emarginata var. emarginata

Prunus emarginata var. mollis Prunus laurocerasus Prunus lusitanica

Prunus mahaleb Prunus spinosa Prunus subcordata

Prunus virginiana var. demissa Prunus virginiana var. melanocarpa

Purshia tridentata Pyracantha coccinea Pyracantha fortuneana Pyrus calleryana Pyrus communis Pyrus nivalis Rosa californica Rosa canina Rosa eglanteria Rosa gymnocarpa

Rosa gymnocarpa ssp. helleri Rosa gymnocarpa var. gymnocarpa Rosa gymnocarpa var. serpentina

Rosa multiflora Rosa nutkana

Rosa nutkana var. hispida Rosa nutkana var. nutkana Rosa pisocarpa ssp. ahartii Rosa pisocarpa ssp. pisocarpa

Rosa spithamea

Rosa woodsii var. ultramontana

Rosa yainacensis Rubus bartonianus Rubus bifrons Rubus glaucifolius Rubus idaeus ssp. strigosus

Rubus laciniatus

Rubus lasiococcus Rubus leucodermis Rubus nivalis Rubus nutkanus Rubus pedatus Rubus spectabilis Rubus ulmifolius Rubus ursinus Rubus vestitus

Sanguisorba officinalis Sanguisorba stipulata Sibbaldia procumbens Sorbus aucuparia Sorbus californica Sorbus scopulina

Sorbus sitchensis var. grayi Sorbus sitchensis var. sitchensis Spiraea × hitchcockii

Spiraea × nuchcockii Spiraea × pyramidata Spiraea lucida

Spiraea douglasii var. douglasii Spiraea douglasii var. menziesii

Spiraea splendens Spiraea tomentosa

Rubiaceae

Galium ambiguum var. siskiyouense

Galium aparine
Galium bifolium
Galium bolanderi
Galium boreale
Galium californicum
ssp. californicum

Galium grayanum var. nanum Galium mexicanum var. asperulum

Galium mollugo
Galium multiflorum
var. multiflorum
Galium muricatum
Galium odoratum
Galium oreganum
Galium divaricatum
Galium parisiense

Galium serpenticum

Galium pedemontanum Galium porrigens var. porrigens Galium porrigens var. tenue Galium trifidum Galium triflorum Kelloggia galioides Sherardia arvensis

Salicaceae

Populus alba Populus deltoides

Populus deltoides ssp. monilifera

Populus nigra
Populus tremuloides
Populus trichocarpa
Salix × fragilis
Salix amygdaloides
Salix bebbiana
Salix boothii
Salix brachycarpa
var. brachycarpa
Salix commutata
Salix delnortensis

Salix drummondiana

Salix eastwoodiae

Salix exigua var. columbiana Salix exigua var. exigua Salix exigua var. hindsiana

Salix sessilifolia Salix farriae Salix geyeriana Salix glauca var. villosa Salix hookeriana Salix laevigata

Salix lasiandra var. caudata Salix lasiandra var. lasiandra

Salix lasiolepis
Salix lemmonii
Salix ligulifolia
Salix lutea
Salix melanopsis
Salix monochroma
Salix nivalis
Salix pedicellaris
Salix petrophila

Salix planifolia var. monica Salix planifolia var. planifolia

Salix prolixa Salix scouleriana

Salix sitchensis var. angustifolia Salix sitchensis var. sitchensis

Salix tracyi Salix vestita

Salix wolfii var. idahoensis

Sapindaceae

Acer circinatum

Acer glabrum var. diffusum Acer glabrum var. douglasii Acer glabrum var. glabrum Acer glabrum var. torreyi

Acer macrophyllum Acer negundo Acer platanoides Acer rubrum Acer saccharinum Aesculus californica

Aesculus glabra var. glabra Aesculus hippocastanum

Sarcobataceae

Sarcobatus vermiculatus

Sarraceniaceae

Darlingtonia californica

Saururaceae

Anemopsis californica

Saxifragaceae

Bensoniella oregona Bolandra oregana Boykinia intermedia Boykinia major Boykinia occidentalis Cascadia nuttallii

Chrysosplenium glechomifolium

Darmera peltata Elmera racemosa Heuchera chlorantha Heuchera cylindrica Heuchera glabra

Heuchera grossulariifolia var. grossulariifolia Heuchera grossulariifolia var. tenuifolia

Heuchera merriamii Heuchera micrantha Heuchera pilosissima

Heuchera rubescens var. truncata

Leptarrhena pyrolifolia Lithophragma affine

Lithophragma campanulatum

Lithophragma glabrum Lithophragma parviflorum

var. parviflorum
Lithophragma tenellum
Micranthes apetala
Micranthes aprica
Micranthes californica
Micranthes ferruginea
Micranthes fragosa
Micranthes gormanii
Micranthes oregana
Micranthes howellii

Micranthes idahoensis Micranthes integrifolia

Micranthes marshallii Micranthes nelsoniana

Micranthes odontoloma

Micranthes nidifica Micranthes rufidula Micranthes tolmiei

Mitellastra caulescens

Ozomelis diversifolia Ozomelis stauropetala Ozomelis trifida Pectiantia breweri

Pectiantia ovalis

Pectiantia pentandra Saxifraga adscendens Saxifraga austromontana Saxifraga vespertina Saxifraga cespitosa Saxifraga hyperborea Saxifraga mertensiana Saxifraga oppositifolia

Saxifragopsis fragarioides

Suksdorfia ranunculifolia Suksdorfia violacea Sullivantia oregana

Tellima grandiflora

Tiarella trifoliata var. laciniata Tiarella trifoliata var. trifoliata Tiarella trifoliata var. unifoliata

Tolmiea menziesii

Scrophulariaceae

Buddleja davidii Limosella aquatica Scrophularia californica Scrophularia lanceolata Verbascum blattaria Verbascum thapsus

Simaroubaceae

Ailanthus altissima

Solanaceae

Datura stramonium Datura wrightii Leucophysalis nana Lycium barbarum

Nicotiana acuminata var. multiflora

Nicotiana attenuata
Nicotiana quadrivalvis
Physalis longifolia
Solanum americanum
Solanum dulcamara
Solanum elaeagnifolium
Solanum furcatum
Solanum nigrum
Solanum physalifolium
Solanum parishii
Solanum rostratum
Solanum triflorum

Tamaricaceae

Tamarix parviflora

Thymelaeaceae

Daphne laureola

Ulmaceae

Ulmus pumila

Urticaceae

Parietaria pensylvanica Urtica dioica ssp. gracilis Urtica dioica ssp. holosericea

Valerianaceae

Centranthus ruber Plectritis brachystemon Plectritis ciliosa ssp. ciliosa Plectritis ciliosa ssp. insignis

Plectritis congesta Plectritis macrocera

Valeriana acutiloba var. pubicarpa

Valeriana californica Valeriana edulis var. edulis Valeriana sitchensis var. scouleri

Valeriana occidentalis

Valeriana sitchensis var. sitchensis

Valerianella eriocarpa Valerianella locusta

Verbenaceae

Verbena bonariensis Verbena bracteata Verbena hastata Verbena lasiostachys

Viburnaceae

Sambucus mexicana ssp. cerulea Sambucus racemosa var. arborescens Sambucus racemosa var. melanocarpa

Viburnum edule Viburnum ellipticum

Viburnum opulus var. opulus

Viburnum plicatum Viburnum rhytidophyllum

Violaceae

Viola adunca ssp. adunca

Viola bakeri Viola beckwithii

Viola canadensis var. rugulosa

Viola cuneata Viola douglasii Viola glabella Viola hallii Viola howellii Viola lanceolata Viola langsdorffii

Viola lobata ssp. integrifolia Viola lobata ssp. lobata Viola macloskeyi Viola nephrophylla

Viola ocellata Viola orbiculata Viola palustris

Viola praemorsa ssp. linguifolia Viola praemorsa ssp. praemorsa Viola primulifolia ssp. occidentalis Viola purpurea ssp. dimorpha Viola purpurea ssp. integrifolia Viola purpurea ssp. purpurea Viola purpurea ssp. venosa

Viola quercetorum Viola sempervirens Viola sheltonii

Viola tricolor var. tricolor

Viola trinervata

Viola vallicola var. major

Viscaceae

Arceuthobium abietinum

Arceuthobium abietinum ssp. concoloris Arceuthobium abietinum ssp. wiensii

Arceuthobium americanum

Arceuthobium campylopodum Arceuthobium cyanocarpum Arceuthobium douglasii Arceuthobium laricis Arceuthobium monticola Arceuthobium siskiyouense Arceuthobium tsgense

Arceuthobium tsugense ssp. amabilae Arceuthobium tsugense ssp. mertensianae

Arceuthobium tsugense ssp. tsugense

Phoradendron densum Phoradendron juniperinum Phoradendron libocedri Phoradendron villosum

Vitaceae

Parthenocissus vitacea Vitis californica

Zygophyllaceae

Tribulus terrestris