



Bureau of Planning and Sustainability

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July 27, 2016

Portland Plant List 2016 Update - Summary of Changes

In mid-2014, the Bureau of Planning and Sustainability (BPS), in partnership with the Bureau of Environmental Services (BES), embarked on a roughly two-year process of updating the Portland Plant List (PPL). In late June 2016, changes to the PPL were approved via an administrative rulemaking process by BPS Director, Susan Anderson. This document provides some background on the PPL and summarizes the updates that were made as a part of this effort. The full PPL is available at www.portlandoregon.gov/auditor/34460?a=322280.

Background

The PPL is a technical and educational document which is used widely by City staff, developers, local natural resource and watershed agencies and organizations, and residents throughout the metropolitan region. The City first published the PPL in 1991 and has updated it several times over the years; most recently in 2011.

The *Portland Plant List* is comprised of two lists and supporting information: the Native Plants List and the Nuisance Plants List. Both plant lists are integral to the City of Portland's natural resource protection programs and invasive species management strategy.

- The **Native Plants List** includes species that were likely found historically (prior to European settlement) in the Portland area. This list provides information about species' habitats, flowering seasons, and other characteristics. Only plants from this list may be planted in Environmental Overlay Zones and Pleasant Valley Natural Resource Overlay Zone resource areas. Native plants may be required in the Greenway Overlay Zones as well, and are encouraged elsewhere in the city.
- The **Nuisance Plants List** identifies species that threaten the health and vitality of native plant and animal communities, humans, and the economy. Nuisance plants are ranked to indicate how invasive or widespread the plant is in Portland. Plants on the Nuisance Plants List may not be planted in any of the overlay zones identified above or in any City-required landscaped areas or mitigation sites.
- A subset of the Nuisance Plants List is the **Required Eradication List**. This list includes plants that must be removed if discovered anywhere in the city. These plants are not commonly found in Portland at this time and must be eradicated if discovered to keep them from spreading.



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2016 Updates

As a part of this PPL update, BPS and BES developed a new protocol to improve consistency and rigor in the evaluation and ranking of plant species. The protocol improves upon previous efforts by including tools such as amendment request and tracking forms, review by outside experts, and quantitative risk assessments. The process involved close collaboration among the Bureaus of Parks and Recreation, Development Services, and Water, as well as BES and BPS.

While there remains some concern related to the listing of tree species on the Nuisance Plants List and its effect on tree canopy over time. This issue will be continued in future PPL updates.

PPL amendments included the following:

1. Removal of 16 species from the Native Plants List

Species Removed	Reason
<i>Boykinia major</i>	Not native to Portland area
<i>Dodecatheon dentatum</i>	Not native to Portland area
<i>Echinochloa crus-galli</i>	Exotic weed
<i>Erigeron annuus</i>	Exotic weed
<i>Gentianella amerella</i> ssp. <i>acuta</i>	Not native to Portland area
<i>Impatiens ecalcarata</i>	Not native to Portland area
<i>Juncus bolanderi</i>	Not native to Portland area
<i>Lotus denticulatus</i>	Not native to Portland area
<i>Lotus formosissimus</i>	Not native to Portland area
<i>Lupinus microcarpus</i>	Not native to Portland area
<i>Lupinus sulphureus</i>	Misapplied to Kincaid's lupine, <i>Lupinus oregonus</i>
<i>Poa compressa</i>	Exotic weed
<i>Polygonum persicaria</i>	Exotic weed
<i>Potentilla palustris</i>	Not native to Portland area
<i>Saxifraga ferruginea</i>	Not native to Portland area
<i>Xanthium spinosum</i>	Exotic weed

2. Addition of eight species and reassessment and update of three species ranks in the Nuisance Plants List

Species to be Added or Updated (rank)	Final Rank	Common Name
<i>Acer psuedoplatanus</i>	C	sycamore maple
<i>Aesculus hippocastanum</i>	C	horse chestnut
<i>Allium triquetum</i>	B	3 angled onion
<i>Arum italicum</i> *	B	Italian arum, cuckoo pint
<i>Epipactis helleborine</i>	C	broad-leaved helleborine
<i>Euphorbia oblongata</i> *	B	oblong leaf spurge



Species to be Added or Updated (rank)	Final Rank	Common Name
<i>Galega officinalis</i>	B	goats rue
<i>Ludwigia peploides</i> ssp. <i>montevidensis</i>	B	floating water primrose
<i>Petasites japonica</i> *	B	Japanese butterbur
<i>Pentaglottis sempervirens</i>	B	evergreen bugloss
<i>Viburnum opulus</i> var. <i>opulus</i>	B	Guelder rose

*These plant species are already on the Nuisance Plants List. The ranks for these species are proposed to be changed from W to B.

3. Technical amendments - corrections to plant taxonomy

Housekeeping amendments include corrections of misspellings, erroneous species information, or taxonomic references.

Existing Latin Name in PPL	Correct name
<i>Adiantum pedatum</i>	<i>A. aleuticum</i>
<i>Agropyron repens</i>	<i>Elymus repens</i>
<i>Agrostis tenuis</i>	<i>A. capillaris</i>
<i>Alisma plantago-aquatica</i>	<i>A. triviale</i>
<i>Smilacina</i> (all)	<i>Maianthemum</i> (all)
<i>Anemone oregana</i> var. <i>felix</i>	<i>A. oregana</i> var. <i>oregana</i>
<i>Arnica amplexicaulis</i> var. <i>piperi</i>	<i>A. amplexicaulis</i>
<i>Aruncus sylvester</i>	<i>A. dioicus</i> var. <i>acuminatus</i> .
<i>Aster chilensis</i> ssp. <i>hallii</i>	<i>Symphotrichum hallii</i>
<i>Aster curtus</i>	<i>Sericocarpus rigidus</i>
<i>Aster modestus</i>	<i>Canadanthus modestus</i>
<i>Aster subspicatus</i>	<i>Symphotrichum subspicatum</i>
<i>Brodiaea hyacinthina</i>	<i>Triteleia hyacinthina</i>
<i>Cardamine pulcherrima</i> var. <i>tenella</i>	<i>C. nuttallii</i> var. <i>nuttallii</i>
<i>Carex aquatilis</i>	<i>Carex aquatilis</i> var. <i>dives</i>
<i>Carex deweyana</i> var. <i>leptopoda</i>	<i>C. leptopoda</i>
<i>Centaurea pratensis</i>	<i>Centaurea</i> × <i>moncktonii</i>
<i>Centaurium muhlenbergii</i>	<i>Zeltnera muehlenbergii</i>
<i>Chamomilla suaveolens</i>	<i>Matricaria discoidea</i>
<i>Convolvulus sepium</i>	<i>Calystegia sepium</i> ssp. <i>angulata</i>
<i>Corlyus cornuta</i>	<i>C. cornuta</i> ssp. <i>californica</i>
<i>Cornus canadensis</i>	<i>Cornus unalaschkensis</i>
<i>Cornus sericea</i> ssp. <i>sericea</i>	<i>C. sericea</i>
<i>Crataegus douglasii</i> var. <i>douglasii</i>	<i>C. douglasii</i>
<i>Crataegus suksdorfii</i>	<i>Crataegus gaylussacia</i>
<i>Cryptantha intermedia</i> var. <i>grandiflora</i>	<i>C. intermedia</i>



Existing Latin Name in PPL	Correct name
<i>Cyperus aristatus</i>	<i>C. squarrosus</i>
<i>Dicentra formosa</i> var. <i>oregana</i>	<i>D. formosa</i> ssp. <i>formosa</i>
<i>Eleocharis macrostachya</i>	<i>E. palustris</i>
<i>Eleocharis obtusa</i> var. <i>obtusa</i>	<i>E. obtusa</i>
<i>Elymus glaucus</i> var. <i>jepsonii</i>	<i>E. glaucus</i> ssp. <i>glaucus</i>
<i>Epilobium angustifolium</i>	<i>Chamerion angustifolium</i> var. <i>canescens</i>
<i>Epilobium paniculatum</i>	<i>E. brachycarpum</i>
<i>Eriogonum</i> cf. <i>nudum</i> [sic]	<i>Eriogonum nudum</i>
<i>Fallopia bohémica</i>	<i>Fallopia</i> × <i>bohémica</i>
<i>Festuca arundinaceae</i>	<i>Schedonorus arundinaceus</i>
Fix <i>Chelidonium majus</i> as a synonym for <i>Ranunculus ficaria</i>	These are two unrelated species. Both are to be listed as Nuisance Plants.
<i>Fragaria vesca</i> var. <i>crinita</i>	<i>Fragaria vesca</i> ssp. <i>bracteata</i>
<i>Gymnocarpium dryopteris</i>	<i>Gymnocarpium disjunctum</i>
<i>Habenaria dilatata</i>	<i>Platanthera dilatata</i> var. <i>leucostachys</i>
<i>Heracleum lanatum</i>	<i>H. maxima</i>
<i>Hypericum formosum</i> ssp. <i>scouleri</i>	<i>Hypericum scouleri</i>
<i>Lactuca (Mycelis) muralis</i>	<i>Mycelis muralis</i>
<i>Linanthus bicolor</i>	<i>Leptosiphon bicolor</i>
<i>Lindernia dubia</i> var. <i>anagallidea</i>	<i>Lindernia dubia</i>
<i>Lotus purshiana</i> [sic]	<i>Acmispon americanus</i> var. <i>americanus</i>
<i>Lupinus micranthus</i>	<i>L. polycarpus</i>
<i>Luzula campestris</i> var. <i>congesta</i> [sic]	<i>L. campestris</i>
<i>Lysichitum americanum</i>	<i>Lysichiton americanus</i>
<i>Montia perfoliata</i>	<i>Claytonia perfoliata</i> ssp. <i>perfoliata</i>
<i>Montia siberica</i>	<i>Claytonia sibirica</i>
<i>Nuphar lutea</i> ssp. <i>polysepalum</i>	<i>Nuphar polysepala</i>
<i>Ornus unalaschkensis</i>	<i>Cornus unalaschkensis</i>
<i>Orthocarpus hispidus</i>	<i>Castilleja tenuis</i>
<i>Osmorhiza chilensis</i>	<i>O. berteroi</i>
<i>Phragmites australis</i>	<i>P. australis</i> var. <i>australis</i> (Nuisance Plant List, only)
<i>Pinus ponderosa</i>	<i>P. ponderosa</i> var. <i>benthamiana</i>
<i>Polygonum ampibium</i> var. <i>emersum</i>	<i>Persicaria amphibia</i>
<i>Polygonum douglasii</i> ssp. <i>spergulariiforme</i>	<i>P. spergulariiforme</i>
<i>Populus balsamifera</i> ssp. <i>trichocarpa</i>	<i>P. trichocarpa</i>
<i>Ranunculus aquatilis</i> var. <i>hispidulus</i>	<i>R. aquatilis</i> var. <i>aquatilis</i>
<i>Ranunculus macounii</i> var. <i>oreganus</i>	<i>R. macounii</i>
<i>Rhamnus purshiana</i>	<i>Frangula purshiana</i>
<i>Rhus diversiloba</i>	<i>Toxicodendron diversiloba</i>



Existing Latin Name in PPL	Correct name
<i>Rubus discolor (armeniacus)</i>	<i>Rubus bifrons</i>
<i>Rubus ursinus</i> var. <i>macropetalus</i>	<i>R. ursinus</i>
<i>Salix fluviatilis</i> changed	<i>Salix. exigua</i> var. <i>columbiana</i>
<i>Salix lucida</i> ssp. <i>lasiandra</i>	<i>S. lasiandra</i> var. <i>lasiandra</i>
<i>Salix rigida</i> var. <i>macrogemma</i>	<i>S. prolixa</i>
<i>Salix sessilifolia</i>	<i>S. exigua</i> var. <i>sessilifolia</i>
<i>Sambucus cerulea</i>	<i>S. nigra</i> ssp. <i>cerulea</i>
<i>Sambucus racemosa</i>	<i>Sambucus racemosa</i> var. <i>arborescens</i>
<i>Sanguisorba occidentalis</i>	<i>Poteridium occidentale</i>
<i>Saxifraga integrifolia</i>	<i>Micranthes integrifolia</i>
<i>Saxifraga nuttallii</i>	<i>Cascadia nuttallii</i>
<i>Saxifraga occidentalis</i> var. <i>rufidula</i>	<i>Micranthes rufidula</i>
<i>Scirpus acutus</i>	<i>Schoenoplectus acutus</i>
<i>Scirpus americanus</i>	<i>Schoenoplectus pungens</i>
<i>Selaginella densa</i>	<i>Selaginella wallaceii</i>
<i>Sisyrinchium angustifolium</i> to <i>S. idahoense</i>	<i>S. idahoense</i> var. <i>idahoense</i>
<i>Solidago canadensis</i>	<i>S. lepida</i> var. <i>salebrosa</i>
<i>Sparganium emersum</i> var. <i>emersum</i>	<i>Sparganium emersum</i>
<i>Stachys ajugoides</i> var. <i>rigida</i>	<i>Stachys rigida</i>
<i>Stachys palustris</i> var. <i>pilosa</i>	<i>Stachys pilosa</i> var. <i>pilosa</i>
<i>Trifolium tridentatum</i>	<i>T. willdenovii</i>
<i>Trillium chropetalum</i>	<i>Trillium albidum.</i>
<i>Urtica dioica</i>	<i>U. dioica</i> ssp. <i>gracilis</i>

Existing Common Name in PPL	Correct name
Bearded Fescue-grass	Bearded fescue
Black Hawthorn	Suksdorf's hawthorn
California Brome-grass	California brome
Cascara	Cascara, chitum
Coast Range Fescue-grass	Coast Range fescue
Common Lomatium	Spring gold
Dewberry	Pacific blackberry
Dewey's Sedge	Slender-foot sedge
Dull Oregon Grape	Cascade Oregon grape
Field Lupine	Bigleaf lupine
Garry Oak	Oregon white oak
Giant Trillium	Small-flowered trillium
Gold Poppy	California poppy
Goldenrod	Western goldenrod



Existing Common Name in PPL	Correct name
Hazelnut	California hazelnut
Heal-all	Native heal-all
Himalayan (Armenian) blackberry	Himalayan blackberry
Jepson's Blue Wildrye	Blue Wildrye
Laceflower	Foamflower
Leichtlin's Camas	Giant camas
Mountain Sweet-root	Sweet-cicely
Ninebark	Pacific ninebark
Pendant sedge	Drooping sedge
Pig-a-back	Piggyback plant
Piper's Willow	Hooker's willow
Ponderosa Pine	Willamette Valley ponderosa pine
Portugal laurel	Portuguese laurel
Ripgut	Ripgut brome
Tansy ragwort	Ragwort
Western Fescue-grass	Western fescue
White Inside-out Flower	Inside-out flower
Yellow Monkey flower	Common monkeyflower

4. Updates to the Section 6, Resources (Web Sites), and Appendix A, History

In addition to the changes noted above, web sites identified in the Section 6, Resources, were updated to remove web sites no longer valid and add any new web sites pertinent to the PPL. Appendix A, History, was also updated to include a description of the 2016 and 2011 updates.

5. Addition of the South Waterfront Greenway Native Plant List to Area-Specific Plant Lists section

The final component of this update is the movement of the South Waterfront Greenway Native Plant List and Nuisance Plant List, currently contained in Title 33, Portland Zoning Code, Chapter 33.510.253, into the PPL Area-Specific Plant Lists section. This addition to the Area-Specific Plant Lists will be completed upon City Council's directive to delete the South Waterfront plant lists from Greenway Overlay Zone in the South Waterfront Subdistrict code (Subsection E.5.f, Landscaping), expected in early 2017.



Future Updates

The PPL will be updated periodically to reflect the current scientific information and understanding of plant species in our region. Another PPL update is expected within the next few years. As a part of this future update, a more comprehensive review and update to the PPL, including revisiting the document's structure and format, is expected. Until then, BPS and BES will continue to work with our bureau and jurisdictional partners to identify any necessary updates to the Native Plants List or Nuisance Plants List. Amendment recommendations are also welcome from members of the public when issues are identified in the region. BPS will maintain a record of all recommendations for evaluation as a part of the next update process.

