

PLANT SPECIES FOR VEGETATED BUFFERS AND SWALES

The following trees and shrubs tolerate wet soil and periodic inundation, and may be suitable for planting in basins and biofilters depending on regional hardiness and other factors. This list is not all-inclusive, and draws from both native and exotic species.

TREES

- Box Elder (N)**
Acer negundo
- Red Maple (H)**
Acer rubrum
- Silver Maple (H)**
Acer saccharinum
- Alder (N)**
Alnus spp.
- Birch**
Betula spp.
- Pecan**
Carya illinoensis
- Buttonbush**
Carya ovata
- She-Oak**
Casuarina spp.
- Lily of the Valley**
Clethra arborea
- Redtwig Dogwood (N)**
Cornus stolonifera
- Persimmon**
Diospyros virginiana
- Oregon Ash (N)**
Fraxinus latifolia
- Honey Locust**
Gleditsia triacanthos
- Liquidambar**
Liquidambar styraciflua
- Tulip Tree**
Liriodendron tulipifera
- Southern Magnolia**
Magnolia grandiflora
- Sweet Bay**
M. virginiana
- Cajeput Tree**
Melaleuca quinquenervia

- Tupelo**
Nyssa sylvatica
- Sitka Spruce**
Picea sitchensis
- Sycamore (H)**
Platanus occidentalis
- California Sycamore (N)**
P. racemosa

- Fremont Cottonwood (N)**
Populus fremontii
- Wingnut**
Pterocarya stenocarpus
- Bur Oak (H)**
Quercus macrocarpa
- Pin Oak (H)**
Q. palustris

- Willow (N)**
Salix spp.
- Bald Cypress**
Taxodium distichum
- Arborvitae**
Thuja occidentalis

SHRUBS

- Salal (N)**
Gaultheria shallon
- Horsetail (N)**
Equisetum hyemale
- Fern (N)**
Ferns (many spp.)
- Iris (N)**
Iris (many spp.)
- Myoporum**
Myoporum parvifolium 'putan creek'
- Pacific Wax Flower (N)**
Myrica

- Willow (N)**
Salix spp.
- Huckleberry (N)**
Vaccinium

GROUND COVER

- Acorus**
Acorus gramineus
- Sedge (N)**
Carex spp.
- Tufted Hairgrass (N)**
Deschampsia caespitosa
- Sierra Laurel**
Leucothoe davisiae
- Bulrush**
Scirpus spp.
- Rush (N)**
Juncus spp.

- Spiderwort**
Tradescantia Virginiana
- Common Cattail (N)**
Typha latifolia

SUITABLE TURF GRASS

- Bentgrass (N)**
Agrostis exarata
- California Brome (N)**
Bromus carinatus
- Creeping wildrye (N)**
Elymus triticoides
- Idaho Fescue, (N) Blue Bunchgrass**
Festuca idahoensis
- Molate/Red Fescue (N)**
Festuca rubra

- Meadow Barley (N)**
Hordeum brachyantherum
- Meadow Barley salt (N)**
Hordeum brachyantherum salt
- Rushes (N)**
Juncus spp.

N = Use plants grown from propagules collected locally

H = This species has a potential to hybridize with natives. Delete if native plants of the same genus exist nearby.

Table excerpted from BASMAA's *Start at the Source Guide* (2003) and adapted from Harris (1992), *Sunset Western Garden Book* (1998) and *ABAG* (1995b).

"Start at the Source" is available at http://www.scvurppp-w2k.com/basmaa_satism.htm. Other design guidance for pollution prevention is available at www.scvurppp.org