

City of Highland Park Steep Slope Herbaceous Species Removal Guidelines

Removal of invasive herbaceous plants is generally encouraged on all sites to reduce competition with native species, though removal methods should include those least impactful to soil stability and adjacent desirable vegetation. Avoid soil disturbance when pulling herbaceous weeds – pull only shallow-rooted annual and biennial species, do not pull weeds over a large area during a single event, do not dig/grub roots. If herbicides are used, follow manufacturer’s recommendations for application rates and techniques to avoid damage to non-target species. Use selective herbicides and targeted methods such as wick application. Avoid broadcast spray methods. Perform follow-up removal and monitoring of herbaceous weeds as necessary. In most cases, invasive plants require several seasons of continued management to be eradicated from a site.

Please contact the City Forester at 847-926-1604 for additional information.

The following tables list herbaceous species which are common to ravine and bluff slopes. Please note that this list is not intended to be exclusive or comprehensive, but should be used as a guideline for developing an invasive species removal plan. Each species has been classified into one of three categories:

- **Invasive** – Species classified as “Invasive” may be completely removed. Removal is encouraged to decrease competition and promote native plant species.
- **Protected** – Species classified as “Protected” may be considered for removal under certain conditions. These species include some native plants which may be aggressive.
- **Key** – Species classified as “Key” should be preserved on all sites. While the City Forester may recommend removal of these species on a case by case basis, these species are generally not permitted for removal.

Grasses and Sedges				
Common Name	Latin Name	Invasive	Protected	Key
Bluestem Species	<i>Andropogon spp.</i>			✓
Bottlebrush Grass	<i>Hystrix patula</i>			✓
Brome Species	<i>Bromus spp.</i>		✓	
Cattail Species	<i>Typha spp.</i>		✓	
Common Reed	<i>Phragmites australis</i>	✓		
Fescue Species	<i>Festuca spp.</i>		✓	
Fowl Manna Grass	<i>Glyceria striata</i>			✓
Lyme Grass	<i>Leymus arenarius</i>	✓		
Poverty Oatgrass	<i>Danthonia spicata</i>			✓
Reed Canary Grass	<i>Phalaris arundinacea</i>	✓		
Sedge Species	<i>Carex spp.</i>			✓
Switchgrass	<i>Panicum virgatum</i>			✓
Turf Grasses	<i>Poa spp.</i>		✓	
Wild Rye Species	<i>Elymus spp.</i>			✓

Wild Flowers				
Common Name	Latin Name	Invasive	Protected	Key
Aster Species	<i>Aster spp.</i>			✓
Bellwort	<i>Uvularia grandiflora</i>			✓
Bishop's Goutweed	<i>Aegopodium podagraria</i>	✓		
Black-eyed Susans	<i>Rudbeckia spp.</i>			✓
Bloodroot	<i>Sanguinaria canadensis</i>			✓
Blue Phlox	<i>Phlox divaricata</i>			✓
Broad-Leaved Goldenrod	<i>Solidago flexicaulis</i>			✓
Canada Goldenrod	<i>Solidago canadensis</i>		✓	
Canada Thistle	<i>Cirsium arvense</i>	✓		
Columbine	<i>Aquilegia canadensis</i>			✓
Common Burdock	<i>Arctium minus</i>	✓		
Common Mugwort	<i>Artemisia vulgaris</i>	✓		
Crown Vetch	<i>Securigera varia</i>	✓		
Daylily Species	<i>Hemerocallis spp.</i>	✓		
Elm-Leaved Goldenrod	<i>Solidago ulmifolia</i>			✓
Feathery False Solomon's Seal	<i>Smilacina racemosa</i>			✓
Garden Bird's-Foot-Trefoil	<i>Lotus corniculatus</i>	✓		
Garlic mustard	<i>Alliaria petiolata</i>	✓		
Golden Alexander	<i>Zizia aurea</i>			✓
Japanese Black-Bindweed	<i>Fallopia japonica</i>	✓		
Japanese Hop	<i>Humulus japonicus</i>	✓		
Lead Plant	<i>Amorpha canescens</i>			✓
Marsh Marigold	<i>Caltha palustris</i>			✓
May Apple	<i>Podophyllum peltatum</i>			✓
Moneywort	<i>Lysimachia nummularia</i>	✓		
Purple Loosestrife	<i>Lythrum salicaria</i>	✓		
Seaside Goldenrod	<i>Solidago sempervirens</i>	✓		
Sharp-lobed Hepatica	<i>Hepatica acutiloba</i>			✓
Shooting Star	<i>Dodecatheon meadia</i>			✓
Skunk Cabbage	<i>Symplocarpus foetidus</i>			✓
Solomon's Seal	<i>Polygonatum spp.</i>			✓
Sunflowers	<i>Helianthus spp.</i>		✓	
Sweet Clover	<i>Melilotus spp.</i>	✓		
Tall Goldenrod	<i>Solidago altissima</i>		✓	
Teasel Species	<i>Dipsacus spp.</i>	✓		
Trillium Species	<i>Trillium spp.</i>			✓
Vinca	<i>Vinca minor</i>	✓		
Wild Bergamot	<i>Monarda fistulosa</i>			✓
Wild Geranium	<i>Geranium maculatum</i>			✓
Wild Parsnip	<i>Pastinaca sativa</i>	✓		
Wintercreeper	<i>Euonymus fortunei</i>	✓		