



Board of Commissioners of Cook County

118 North Clark Street
Chicago, IL

Legislation Details

File #: 14-3259 **Version:** 2 **Name:** NATIVE PLANT REQUIREMENTS
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Title: PROPOSED SUBSTITUTE TO 14-3259

PROPOSED ORDINANCE AMENDMENT

NATIVE PLANT REQUIREMENTS

BE IT ORDAINED, by the Cook County Board of Commissioners, that Section 126-64 of the Cook County Code, is hereby amended as Follows:

Sec. 126-64. Selection, installation and maintenance of plant material.

(d) In addition to the requirements set forth in this section with respect to utilization and maintenance of plant material in landscape plans, plant material utilized to conform with the requirements contained in this section shall be selected from a list of approved native plants that can be found at <http://www.illinoiswildflowers.info/>. Utilized native plants shall be maintained in proper condition and shall be replaced with similar native plants, as necessary. Native plants are plants that flourish and thrive with little assistance in Cook County and that were known to be growing wild in the area when scientific collection first began.

Invasive plants may not be utilized. A list of invasive plants that may not be utilized, and alternatives that may be utilized, is set forth in the table below:

Plants with a dash under the "alternatives" column are not commonly used ornamentally. You can find more information on alternatives at Illinois' Best Plants or www.bestplants.org.

HERBACEOUS PLANTS

Species	Common Name	Status	Alternatives
Aegopodium podagraria	Goutweed	R	Asarum (wild ginger), Epimedium spp. (barrenwort), Glandularia canadensis (mock rose vervain), Hosta (hosta)
Alliaria petiolata	Garlic mustard	R	_____
Arctium minus	Lesser burdock	R	_____
Carduus nutans	Nodding plumeless thistle	R	Echinacea spp. (coneflower), Silphium spp. (rosinweed, prairie dock, compass plant)
Centaurea maculosa	Spotted knapweed	R	Echinacea spp. (coneflower), Silphium spp. (rosinweed, prairie dock, compass plant)
Cirsium arvense	Canada thistle	R	Echinacea spp. (coneflower), Silphium spp. (rosinweed, prairie dock, compass plant)
Cirsium palustre	Marsh plume thistle	R	(see C. arvense)
Cirsium vulgare	Bull thistle	R	(see C. arvense)
Conium maculatum	Poison hemlock	R	Achillea spp. (yarrow), Aruncus spp. (goatsbeard), Actaea racemosa (black cohosh), Filipendula spp. (meadowsweet)
Coronilla varia	Crown vetch	R	Asarum spp. (ginger), Epimedium spp. (barrenwort), Glandularia canadensis (mock rose vervain), Hosta (hosta), Viola (violet)
Daucus carota	Queen Anne's lace	R	Aruncus spp. (goatsbeard), Achillea spp. (yarrow)

Dipsacus laciniatus	Cutleaf teasel	R	Echinacea spp. (coneflower), Rudbeckia spp. (black-eyed Susan)
Dipsacus sylvestris	Teasel	R	(see D. laciniatus)
Duchesnia indica	Wild strawberry	R	Waldsteinia ternata (barren strawberry)
Echinops sphaerocephalus	Globe thistle	R	species E cultivars
Monarda spp. (beebalm), Phlox spp. (phlox), Salvia spp. (sage), Thalictrum spp. (meadowrue), Veronica spp. (speedwell)			Liatris spp. (blazing star),
Epilobium hirsutum	Hairy fireweed	R	(see E. sphaerocephalus)
Euphorbia cyparissias	Cypress spurge	R	Origanum laevigatum (ornamental oregano),
selected Sedum spp. (stonecrop)			
Euphorbia esula	Leafy spurge	R	Aurinia saxatilis (basket-of-gold)
Glechoma hederacea	Ground ivy	R	Ajuga spp. (bugleweed), Ceratostigma
plumbaginoides (leadwort), Plumbago auriculata			(cape leadwort)
Gypsophila paniculata	Baby's breath	W	Boltonia asteroides (boltonia), Panicum virgatum
cvs. (switch grass),			
Hemerocallis fulva (locally invasive)	Tawny daylily	R	Hemerocallis hybrids (daylily), Lilium
spp. & cvs. (lily), Papaver orientale (Oriental poppy)			
Hesperis matronalis	Dame's rocket	R	(See E. sphaerocephalus)
Houttuynia cordata	Chameleon plant	W	Alchemilla mollis (lady's mantle), Asarum
spp. (ginger), Chrysogonum virginianum (green and gold)			
Hypericum perforatum	Common St. Johnswort	R	Other Hypericum spp. (St. Johnswort)
Iris pseudacorus	Yellow flag iris	R	species E cultivars
Iris virginica var. shrevii (interior blue flag iris)			Iris fulva 'Lois Yellow' (copper iris),
Lespedeza cuneata	Chinese bush clover	R	Baptisia spp. (wild indigo)
Linaria vulgaris	Butter-and-eggs	R	Antirrhinum majus cvs. (snapdragons), Calibrachoa cvs.
(million bells), Digitalis spp. (foxglove), Nemesia fruticans cvs. (nemesia)			
Lotus corniculatus	Bird's-foot trefoil	R	
Lysimachia nummularia	Moneywort	R	Chrysogonum virginianum (green and gold),
Origanum laevigatum (ornamental oregano)			
Lythrum salicaria	Purple loosestrife	R	Asclepias incarnata (swamp milkweed),
Liatris spp. (blazing star), Physostegia virginiana			'Vivid' (obedient plant)
Melilotus alba	White sweet-clover	R	Baptisia spp. (wild indigo)
Melilotus officinalis	Yellow sweet-clover	R	Baptisia spp. (wild indigo)
Pastinaca sativa	Wild parsnip	R	
Perilla frutescens	Beefsteak plant	R	Hibiscus acetosella (red leaf hibiscus), Ocimum
basilicum cvs. (basil), Solenostemon scutellarioides (coleus)			
Polygonum cuspidatum = P. japonicum	Japanese knotweed	E	Actaea racemosa (black
cohosh), Aruncus dioicus (goatsbeard), Polygonatum spp. (Solomon's seal), Smilacina racemosa			(false Solomon's seal), Tricyrtis spp. (toad lily)
Polygonum sachalinense	Giant knotweed	R	(see P. cuspidatum)
Portulaca oleracea	Purslane	R	species E cultivars
selected Sedum spp. & cvs. (stonecrop)			Aurinia saxatilis (basket-of-gold),
Potentilla argentea	Silver cinquefoil	R	Chrysogonum virginianum (green and gold)
Rorippa sylvestris	Creeping yellow-cress	R	Aurinia saxatilis (basket-of-gold), selected
Sedum ssp. & cvs. (stonecrop)			
Rumex acetosella	Garden sorrel	R	Beta vulgaris 'Bright Lights' (Swiss chard)
Solenostemon scutellarioides (coleus)			
Saponaria officinalis	Bouncing bet	R	species E cultivars
spp. (bee balm), Phlox spp. (phlox), Salvia spp. (sage), Thalictrum spp. (meadowrue), Veronica spp. (speedwell)			Liatris spp. (blazing star), Monarda
Sonchus arvensis	Field sow-thistle	R	Coreopsis spp. (coreopsis); Helianthus spp.
(sunflower)			
Valeriana officinalis	Common valerian	R	(See E. sphaerocephalus)
Verbascum thapsus	Flannel mullein	R	Digitalis spp. (foxglove)
Verbena bonariensis	Purpletop verbena	W	(See E. sphaerocephalus)

GRASSES

Species	Common Name	Status	Alternatives
Agropyron repens	Quack grass	R	Panicum virgatum cvs. (switch grass), Sporobolus

heterolepsis (prairie dropseed)				
Bromus inermis Smooth brome	R			
Festuca elatior (=F. arundinacea)		Tall fescue	R	
Festuca pratensis		Meadow fescue	R	
Microstegium vimineum		Japanese stilt grass	R	
Miscanthus sacchariflorus		Amur silver grass	R	(see A. repens)
Miscanthus sinensis		Chinese silver grass	R var.	(see A. repens)
Miscanthus sinensis 'purpurascens'		Autumn Red Miscanthus, Flame Grass, Eulalia, Maiden Grass, Zebra Grass	R	
Phalaris arundinacea		Reed canary grass	R	Spartina pectinata
'Aureomarginata' (variegated prairie cordgrass)				
Phragmites australis		Common reed	R	Erianthus ravennae (Plume grass)
Setaria faberi		Japanese bristlegrass	R	
Sorghum halapense		Johnson grass	R	

SHRUBS

Species	Common Name	Status	Alternatives
Berberis thunbergii	Japanese barberry	R species	E cultivars Physocarpus opulifolius
(ninebark), Ribes odoratum (clove currant)			
Berberis vulgaris	European barberry	R	Physocarpus opulifolius (ninebark), Ribes odoratum (clove currant)
Cotoneaster multiflorus	Many-flowered cotoneaster	P	Physocarpus opulifolius (ninebark), Ribes odoratum (clove currant)
Elaeagnus angustifolia	Russian olive	W	Aesculus parviflora (bottlebrush buckeye), Aronia melanocarpa (black chokeberry), Corylus americana (American filbert)
Elaeagnus umbellatus	Autumn olive	R	Aesculus parviflora (bottlebrush buckeye), Aronia melanocarpa (black chokeberry), Corylus americana (American filbert)
Euonymus alatus	Winged euonymus	R	Euonymus americanus (American strawberry bush), Itea virginica (Virginia sweetspire), Rhus copallina var. latifolia 'Morton' (Prairie Flame shining sumac)
Euonymus europeus	European spindle tree	R	Euonymus americanus (American strawberry bush), Itea virginica (Virginia sweetspire)
Hippophae rhamnoides	Common sea buckthorn	R	
Ligustrum obtusifolium	Border privet	P	Physocarpus opulifolius (ninebark), Ribes odoratum (clove currant)
Ligustrum vulgare	Common privet	P	Physocarpus opulifolius (ninebark), Ribes odoratum (clove currant)
Lonicera x bella	Bell's honeysuckle	R	Amelanchier spp. & cvs. (serviceberry), Calycanthus floridus (Carolina allspice), Diervilla spp. (bush honeysuckle)
Lonicera japonica	Japanese honeysuckle	R	
Lonicera maackii	Amur honeysuckle	R	Amelanchier spp. & cvs. (serviceberry), Calycanthus floridus (Carolina allspice), Diervilla spp. (bush honeysuckle)
Lonicera morrowii	Morrow's honeysuckle	R	Amelanchier spp. & cvs. (serviceberry), Calycanthus floridus (Carolina allspice), Diervilla spp. (bush honeysuckle)
Lonicera tatarica	Tatarian honeysuckle	R	Amelanchier spp. & cvs. (serviceberry), Calycanthus floridus (Carolina allspice), Diervilla spp. (bush honeysuckle)
Rhamnus cathartica	Common buckthorn	R	Alnus rugosa (speckled alder), Carpinus caroliniana (American hornbeam), Corylus americana (American filbert), Thuja occidentalis (American arborvitae) and Thuja plicata (giant arborvitae)
Rhamnus frangula	Glossy buckthorn	R	Alnus rugosa (speckled alder), Carpinus caroliniana (American hornbeam), Corylus americana (American filbert), Thuja occidentalis (American arborvitae) and Thuja plicata (giant arborvitae)
Rosa multiflora	Japanese rose	R	Rosa spp. & cvs. (hardy shrub roses)
Spiraea japonica	Japanese meadowsweet	W	Clethra spp. (summersweet), Hydrangea spp. (hydrangea), native Spiraea (spirea)
Syringa reticulata	Japanese tree lilac	W	Clethra spp. (summersweet), Hydrangea spp. (hydrangea)
Viburnum opulus	European cranberrybush viburnum	R species	E cultivars Viburnum dentatum cvs. (arrowwood viburnum), Viburnum trilobum (American cranberrybush viburnum)

TREES

Species	Common Name	Status	Alternatives
<i>Acer ginnala</i>	Amur maple	P	<i>Acer rubrum</i> (red maple), <i>Quercus alba</i> (white oak)
<i>Acer platanoides</i>	Norway maple	R	species E cultivars <i>Acer x freemanii</i> 'Marmo' (Marmo maple), <i>Acer miyabei</i> (Miyabe maple), <i>Acer rubrum</i> (red maple), <i>Quercus alba</i> (white oak)
<i>Ailanthus altissima</i>	Tree-of-heaven	R	<i>Fraxinus</i> spp. (ash species)
<i>Alnus glutinosa</i>	European black alder	P	species E cultivars <i>Celtis laevigata</i> (sugarberry), <i>Celtis occidentalis</i> (common hackberry), <i>Nyssa sylvatica</i> (black tupelo)
<i>Malus</i> spp. (crabapple)	Crabapple	E	<i>Crataegus</i> spp. (hawthorn species), <i>Prunus serotina</i> (black cherry)
<i>Morus alba</i>	Mulberry	P	<i>Crataegus</i> spp. (hawthorn species), <i>Prunus serotina</i> (black cherry)
<i>Phellodendron amurense</i> (except male cultivars)	Amur corktree	R	<i>Acer rubrum</i> (red maple), <i>Phellodendron amurense</i> (male cvs.), <i>Quercus alba</i> (white oak)
<i>Populus alba</i>	White poplar	P	<i>Betula nigra</i> (river birch), <i>Catalpa speciosa</i> (Northern catalpa), <i>Platanus occidentalis</i> (American sycamore)
<i>Prunus mahaleb</i>	Mahaleb cherry	P	<i>Crataegus</i> spp. (hawthorn species), <i>Prunus serotina</i> (black cherry)
<i>Pyrus calleryana</i>	Callery ornamental pear	W	<i>Chionanthus virginicus</i> (fringetree), <i>Crataegus</i> spp. (hawthorn species), <i>Prunus serotina</i> (black cherry)
<i>Robinia pseudoacacia</i>	Black locust	R	species E cultivars <i>Catalpa speciosa</i> (Northern catalpa), <i>Gleditsia triacanthos</i> (honeylocust)
<i>Ulmus pumila</i>	Siberian elm	R	Dutch-resistant cvs. of <i>Ulmus americana</i> (American elm)

VINES AND GROUND COVERS

Species	Common Name	Status	Alternatives
<i>Ampelopsis brevipedunculata</i>	Porcelainberry vine	R	<i>Clematis</i> spp. (clematis)
<i>Celastrus orbiculatus</i>	Oriental bittersweet	R	<i>Aristolochia durior</i> (Dutchman's pipe), <i>Celastrus scandens</i> (American bittersweet)
<i>Dioscorea batatas</i>	Chinese yam	R	No ornamental alternative; medicinal purposes only
<i>Euonymus fortunei</i>	Wintercreeper	E	<i>Asarum</i> spp. (ginger), <i>Helleborus</i> spp. (hellebore)
<i>Lonicera japonica</i>	Japanese honeysuckle	R	<i>Clematis</i> spp. (clematis), native <i>Lonicera</i> spp. (native honeysuckles)
<i>Polygonum perfoliatum</i>	Mile-a-minute weed	R	_____
<i>Pueraria montana</i> =P. lobata	Kudzu vine	R	_____
<i>Vinca minor</i>	Common periwinkle	E	<i>Asarum</i> spp. (ginger)
<i>Vincetoxicum nigrum</i>	Black swallowwort	R	_____
<i>Vincetoxicum rossicum</i>	Swallowwort	R	_____
<i>Wisteria sinensis</i>	Chinese wisteria	W	<i>Wisteria macrostachya</i> (Kentucky wisteria)

AQUATICS

Species	Common Name	Status	Alternatives
<i>Alternanthera philoxeroides</i>	Alligator weed	R	_____
<i>Azolla</i> spp.	Water fern	R	<i>Lemna minor</i> (lesser duck weed)
<i>Butomus umbellatus</i>	Flowering rush	R	<i>Juncus effusus</i> (common rush), <i>Sagittaria</i> , <i>Schoenoplectus americanus</i> (bulrush)
<i>Cabomba caroliniana</i>	Fanwort	R	_____
<i>Eichhornia crassipes</i>	Water hyacinth	R	_____
<i>Egeria densa</i>	Brazilian elodea	R	<i>Elodea canadensis</i> (water weed)
<i>Hydrilla verticillata</i>	Hydrilla, water thyme	R	_____
<i>Hydrocharis morsus-ranae</i>	European frog-bit	R	Native Nuphar (yellow pond lily) and <i>Nymphaea</i> (waterlily)
<i>Ipomoea aquatica</i>	Water spinach	R	<i>Justicia americana</i> (American water willow)
<i>Myriophyllum aquaticum</i>	Parrot feather	R	<i>Elodea canadensis</i> (water weed)
<i>Myriophyllum spicatum</i>	Eurasian watermilfoil	R	<i>Elodea canadensis</i> (water weed)
<i>Najas minor</i>	Toothed water weed	R	_____
<i>Nasturtium officinale</i>	Watercress	R	_____
<i>Nymphoides peltata</i>	Yellow floatingheart	R	Native Nuphar (yellow pond lily)and

Nymphaea (waterlily)
Pistia stratiotes Water lettuce R _____
Potamogeton crispus Curlyleaf pondweed R _____
Salvinia minima Water fern R _____
Salvinia molesta Aquarium water moss R _____
Trapa natans European water chestnut R _____

Chicago Botanic Garden Conservation Science Department Status:

R = Remove as soon as possible, including all cultivars, and/or do not add to collection in future;
P = Phase out (species that pose a lesser invasive risk, form significant structural features in landscape, and will be time-consuming to replace will be phased out over a five- to ten-year period);
E = Evaluate species and cultivars, then remove invasive taxa;
W = Watch list (taxa not posing a serious invasive risk in the Chicago area currently, but may do so in the future).

The Building Commissioner shall have the sole authority to approve landscape plans using the sources of information of approved native plants contained in this section.

Effective date: This ordinance shall be in effect immediately upon adoption date)

Sponsors: GREGG GOSLIN, PETER N. SILVESTRI

Indexes:

Code sections:

Attachments:

Date	Ver.	Action By	Action	Result
5/21/2014	1	Board of Commissioners	accept as substituted	Pass
5/21/2014	1	Board of Commissioners	adopt as amended by substitution	Pass