

WISCONSIN CH. NR 40 INVASIVE SPECIES LIST

EFFECTIVE LISTING DATE

September 1, 2009^A

June 1, 2011^B

May 1, 2015^C

ALGAE AND CYANOBACTERIA

PROHIBITED CATEGORY:

1. *Caulerpa taxifolia* (Killer algae)^C
2. *Cylindrospermopsis raciborskii* (Cylindro, cyanobacteria)^A
3. *Didymosphenia geminata* (Didymo or rock snot)^A except in Lake Superior
4. *Nitellopsis obtusa* (Starry stonewort, alga)^A
5. *Prymnesium parvum* (Golden alga)^A
6. *Stigonematales* spp. (Novel cyanobacterial epiphyte of the order Stigonematales linked with avian vacuolar)^A
7. *Ulva* species (including species previously known as Enteromorpha species)^A

RESTRICTED CATEGORY:

None.

PLANTS

PROHIBITED CATEGORY:

1. *Achyranthes japonica* (Japanese chaff flower)^C
2. *Akebia quinata* (Fiveleaf akebia or Chocolate vine)^C
3. *Ampelopsis brevipedunculata* (Porcelain berry)^A including the variegated cultivar
4. *Arundo donax* (Giant reed)^C
5. *Azolla pinnata* (Mosquito fern)^C
6. *Berberis vulgaris* (Common barberry)^C
7. *Cabomba caroliniana* (Fanwort, Carolina fanwort)^A
8. *Cardamine impatiens* (Narrow leaf bittercress)^C
9. *Celastrus loeseneri* (Asian loeseneri bittersweet)^C
10. *Centaurea diffusa* (Diffuse knapweed)^C
11. *Centaurea repens* (Russian knapweed)^C
12. *Centaurea solstitialis* (Yellow star thistle)^A
13. *Crassula helmsii* (Australian swamp crop or New Zealand pygmyweed)^A
14. *Cytisus scoparius* (Scotch broom)^A
15. *Digitalis lanata* (Grecian foxglove)^C
16. *Dioscorea batatas* or *Dioscorea polystacha* (Chinese yam)^C
17. *Dioscorea oppositifolia* (Indian yam)^A
18. *Egeria densa* (Brazilian waterweed or wide-leaf anacharis)^A
19. *Eichhornia azurea* (Anchored water hyacinth)^C
20. *Eichhornia crassipes* (Water hyacinth, floating)^C
21. *Fallopia sachalinensis* or *Polygonum sachalinense* (Giant knotweed)^A
22. *Fallopia x bohemicum* or *F. x bohémica* or *Polygonum x bohemicum* (Bohemian knotweed)^C
23. *Glossostigma cleistanthum* (Mudmat)^C
24. *Heracleum mantegazzianum* (Giant hogweed)^A
25. *Hydrilla verticillata* (Hydrilla)^A
26. *Hydrocharis morsus-ranae* (European frogbit)^A
27. *Hydrocotyle ranunculoides* (Floating marsh pennywort)^C
28. *Hygrophila polysperma* (Indian Swampweed)^C
29. *Impatiens glandulifera* (Policeman's helmet)^C
30. *Ipomoea aquatica* (Water spinach, swamp morning-glory)^C
31. *Lagarosiphon major* (Oxygen-weed, African elodea or African waterweed)^A
32. *Lepidium latifolium* (Perennial or broadleaved pepperweed)^A
33. *Lespedeza cuneata* or *Lespedeza sericea* (Sericea or Chinese lespedeza)^A
34. *Limnophila sessiliflora* (Asian marshweed)^C
35. *Lonicera japonica* (Japanese honeysuckle)^A
36. *Lythrum virgatum* (Wanded loosestrife)^C
37. *Microstegium vimineum* (Japanese stilt grass)^A
38. *Myriophyllum aquaticum* (Parrot feather)^A
39. *Najas minor* (Brittle naiad, or lesser, bushy, slender, spiny or minor naiad or waternymph)^A
40. *Nelumbo nucifera* (Sacred Lotus)^C
41. *Nymphoides peltata* (Yellow floating heart)^A
42. *Oenanthe javanica* (Java waterdropwort or Vietnamese parsley)^C
43. *Oplismenus hirtellus* ssp. *undulatifolius* (Wavy leaf basket grass)^C
44. *Ottelia alismoides* (Ducklettuce)^C
45. *Paulownia tomentosa* (Princess tree)^A
46. *Petasites hybridus* (Butterfly dock)^C
47. *Phellodendron amurense* (Amur Cork Tree)^C except male cultivars and seedling rootstock
48. *Pistia stratiotes* (Water lettuce)^C
49. *Polygonum perfoliatum* or *Persicaria perfoliata* (Mile-a-minute vine)^A
50. *Pueraria montana* or *P. lobata* (Kudzu)^A
51. *Quercus acutissima* (Sawtooth oak)^A
52. *Ranunculus ficaria* (Lesser celandine)^C
53. *Rubus armeniacus* (Himalayan blackberry)^C
54. *Rubus phoenicolasius* (Wineberry or wine raspberry)^A
55. *Sagittaria sagittifolia* (Hawaii arrowhead)^C
56. *Salvinia herzogii* (Giant Salvinia)^C
57. *Salvinia molesta* (Giant salvinia)^C
58. *Sorghum halepense* (Johnsongrass)^C
59. *Stratiotes aloides* (Water Soldiers)^C
60. *Taeniatherum caput-medusae* (Medusahead)^C
61. *Torilis arvensis* (Spreading hedgeparsley)^A
62. *Trapa natans* (Water chestnut)^A
63. *Tussilago farfara* (Colt's foot)^C
64. *Typha domingensis* (Southern cattail)^C
65. *Typha laxmannii* (Graceful cattail)^C
66. *Vincetoxicum rossicum* or *Cynanchum rossicum* (Pale or European swallow-wort)^A
67. *Wisteria floribunda* (Japanese wisteria)^C
68. *Wisteria sinensis* (Chinese wisteria)^C

PROHIBITED/RESTRICTED CATEGORY:

1. *Anthriscus sylvestris* (Wild chervil)^A restricted in Adams, Barron, Chippewa, Crawford, Columbia, Dane, Dodge, Dunn, Fond du Lac, Grant, Green, Green Lake, Iowa, Jefferson, Juneau, Kenosha, Lacrosse, Lafayette, Marquette, Milwaukee, Monroe, Ozaukee, Polk, Racine, Richland, Rock, Sauk, Sheboygan, Taylor, Vernon, Walworth, Waukesha, and Washington counties; prohibited elsewhere – Updated county list in 2015
2. *Bunias orientalis* (Hill mustard)^A restricted in Dane, Grant, Green, Iowa, Lafayette, and Rock counties; prohibited elsewhere – Updated county list in 2015
3. *Cirsium palustre* (European marsh thistle)^A restricted in Ashland, Bayfield, Chippewa, Clark, Door, Florence, Forest, Iron, Langlade, Lincoln, Marathon, Marinette, Menominee, Oconto, Oneida, Price, Rusk, Sawyer, Shawano, Taylor and Vilas counties; prohibited elsewhere – Updated county list in 2015
4. *Conium maculatum* (Poison hemlock)^A restricted in Buffalo, Crawford, Dane, Grant, Green, Iowa, Jefferson, Kenosha, La Crosse, Lafayette, Milwaukee, Monroe, Ozaukee, Racine, Richland, Rock, Sauk, Sheboygan, Trempealeau, Vernon, Walworth, and Waukesha counties; prohibited elsewhere – Updated county list in 2015
5. *Epilobium hirsutum* (Hairy willow herb)^A restricted in Brown, Calumet, Door, Kenosha, Kewaunee, and Manitowoc counties; prohibited elsewhere – Updated county list in 2015
6. *Glyceria maxima* (Tall or reed mannagrass)^A restricted in Brown, Calumet, Columbia, Dane, Dodge, Door, Fond du Lac, Green, Jefferson, Kenosha, Kewaunee, Manitowoc, Milwaukee, Outagamie, Ozaukee, Racine, Rock, Sheboygan, Walworth, Washington, Waukesha and Winnebago counties; prohibited elsewhere – Updated county list in 2015
7. *Humulus japonicus* (Japanese hops)^A restricted in Buffalo, Crawford, Dane, Grant, Green, Iowa, Jackson, La Crosse, Lafayette, Monroe, Pepin, Richland, Sauk, Trempealeau, and Vernon counties; prohibited elsewhere – Updated county list in 2015
8. *Leymus arenarius* or *Elymus arenarius* (Lyme grass or sand ryegrass)^A restricted in Door, Kenosha, Kewaunee, Manitowoc, Milwaukee, Ozaukee, Racine, and Sheboygan counties; prohibited elsewhere – Updated county list in 2015
9. *Linaria dalmatica* (Dalmatian toadflax)^C restricted in Juneau and Bayfield counties; prohibited elsewhere
10. *Lonicera maackii* (Amur honeysuckle)^A restricted in Adams, Brown, Buffalo, Calumet, Columbia, Crawford, Dane, Dodge, Fond du Lac, Grant, Green, Green Lake, Iowa, Jefferson, Juneau, Kenosha, Kewaunee, La Crosse, Lafayette, Manitowoc, Marquette, Milwaukee, Monroe, Outagamie, Ozaukee, Racine, Richland, Rock, Sauk, Sheboygan, Vernon, Walworth, Washington, Waukesha, Waupaca, Waushara and Winnebago counties; prohibited elsewhere – Updated county list in 2015
11. *Phragmites australis* non-native ecotype (Phragmites or Common reed non-native ecotype)^A restricted in Brown, Calumet, Columbia, Dane, Dodge, Door, Florence, Fond du

- Lac, Forest, Green Lake, Jefferson, Kenosha, Kewaunee, Langlade, Manitowoc, Marathon, Marinette, Marquette, Menominee, Milwaukee, Oconto, Outagamie, Ozaukee, Portage, Racine, Rock, Shawano, Sheboygan, Walworth, Washington, Waukesha, Waupaca, Waushara, and Winnebago counties; prohibited elsewhere - Moved to Prohibited/Restricted from Restricted in 2015
12. *Solidago sempervirens* (Seaside goldenrod)^C restricted in Kenosha, Milwaukee and Racine counties; prohibited elsewhere
 13. *Torilis japonica* (Japanese hedgeparsley or erect hedgeparsley)^A restricted in Adams, Brown, Calumet, Columbia, Crawford, Dane, Dodge, Door, Fond du Lac, Grant, Green, Green Lake, Iowa, Jefferson, Juneau, Kenosha, Kewaunee, La Crosse, Lafayette, Langlade, Manitowoc, Marathon, Marinette, Marquette, Menominee, Milwaukee, Monroe, Oconto, Outagamie, Ozaukee, Portage, Racine, Richland, Rock, Sauk, Shawano, Sheboygan, Vernon, Walworth, Washington, Waukesha, Waupaca, Waushara, and Winnebago counties; prohibited elsewhere – Updated county list in 2015
 14. *Vincetoxicum nigrum* or *Cynanchum louiseae* (Black or Louise's swallow-wort)^A restricted in Columbia, Crawford, Dane, Grant, Green, Iowa, Jefferson, Juneau, Kenosha, La Crosse, Lafayette, Milwaukee, Monroe, Racine, Richland, Rock, Sauk, Vernon, Walworth and Waukesha counties; prohibited elsewhere

RESTRICTED CATEGORY:

1. *Acer tataricum* subsp. *ginnala* (Amur maple)^C *except all cultivars
2. *Aegopodium podagraria* (Bishop's goutweed)^C
3. *Ailanthus altissima* (Tree of heaven)^A
4. *Alliaria petiolata* (Garlic mustard)^A
5. *Alnus glutinosa* (Black alder)^C *except all cultivars and hybrids
6. *Artemisia absinthium* (Wormwood)^C
7. *Berberis thunbergii* (Japanese barberry)^C *This restriction only applies to the parent type, the variety atropurpurea, the hybrid of *B. thunbergii* x *B. koreana*, and the following cultivars. *Berberis thunbergii* cultivars: Sparkle, 'Anderson' Lustre Green™, Erecta, 'Bailgreen' Jade Carousel®, Angel Wings, Painter's Palette, Inermis ('Thornless'), Pow Wow, Golden Ring, Kelleriis, Kobold, 'JN Variegated' Stardust™ and Antares. Variety atropurpurea cultivars: Marshall Upright ('Erecta'), Crimson Velvet, 'Bailtwo' Burgundy Carousel®, Red Rocket, 'Monomb' Cherry Bomb™, 'Bailone' Ruby Carousel®, JN Redleaf, Rose Glow and Silver Mile. Hybrid of *B. thunbergii* x *B. koreana* cultivars: Tara and 'Bailseil' Golden Carousel®
8. *Butomus umbellatus* (Flowering rush)^A
9. *Campanula rapunculoides* (Creeping bellflower)^A
10. *Caragana arborescens* (Siberian peashrub)^C *except the cultivars Lorbergii, Pendula, and Walkerii
11. *Carduus acanthoides* (Plumeless thistle)^A
12. *Carduus nutans* (Musk thistle or Nodding thistle)^A
13. *Celastrus orbiculatus* (Oriental bittersweet)^A
14. *Centaurea biebersteinii*, *Centaurea maculosa* or *Centaurea stoebe* (Spotted knapweed)^A

15. *Centaurea jacea* (Brown knapweed)^C
16. *Centaurea nigra* (Black knapweed)^C
17. *Centaurea nigrescens* (Tyrol knapweed)^C
18. *Chelidonium majus* (Celandine)^A - Moved to Restricted from Prohibited/Restricted in 2015
19. *Cirsium arvense* (Canada thistle)^A
20. *Coronilla varia* (Crown vetch)^C
21. *Cynoglossum officinale* (Hound's tongue)^A
22. *Dipsacus laciniatus* (Cut-leaved teasel)^A
23. *Dipsacus sylvestris* or *Dipsacus fullonum* (Common teasel)^A
24. *Elaeagnus angustifolia* (Russian olive)^A
25. *Elaeagnus umbellata* (Autumn olive)^A
26. *Epipactis helleborine* (Helleborine orchid)^A
27. *Euonymus alatus* (Burning bush)^C *including the cultivar 'Nordine' and excluding all other cultivars
28. *Euphorbia cyparissias* (Cypress spurge)^A
29. *Euphorbia esula* (Leafy spurge)^A
30. *Fallopia japonica* or *Polygonum cuspidatum* (Japanese knotweed)^A
31. *Filipendula ulmaria* (Queen of the meadow)^C
32. *Galeopsis tetrahit* (Hemp nettle, brittlestem hemp nettle)^A
33. *Galium mollugo* (White bedstraw)^C
34. *Hesperis matronalis* (Dame's rocket)^A
35. *Impatiens balfourii* (Balfour's touch-me-not)^C
36. *Iris pseudacorus* (Yellow iris)^C
37. *Knautia arvensis* (Field scabiosa)^C
38. *Lonicera morrowii* (Morrow's honeysuckle)^A
39. *Lonicera tatarica* (Tartarian honeysuckle)^A
40. *Lonicera x bella* (Bell's or showy bush honeysuckle)^A
41. *Lysimachia nummularia* or *L. nummelaria* (Moneywort)^A *except the cultivar Aurea and yellow and gold leaf forms
42. *Lysimachia vulgaris* (Garden yellow loosestrife)^C
43. *Lythrum salicaria* (Purple loosestrife)^A
44. *Morus alba* (White mulberry)^C *except male cultivars
45. *Myosotis scorpioides* (Aquatic forget-me-not)^C
46. *Myosotis sylvatica* or *M. sylvaticum* (Woodland forget-me-not)^C
47. *Myriophyllum spicatum* (Eurasian watermilfoil)^A
48. *Najas marina* (Spiny naiad)^C
49. *Pastinaca sativa* (Wild parsnip)^A *except for the garden vegetable form
50. *Phalaris arundinacea* var. *picta* (ribbon grass or gardener's garters and other ornamental variegated varieties and cultivars)^C *this restriction does not include the parent type - reed canary grass.
51. *Pimpinella saxifraga* (Scarlet pimpernel or Burnet saxifrage)^C
52. *Populus alba* (White poplar)^C
53. *Potamogeton crispus* (Curly-leaf pondweed)^A
54. *Rhamnus cathartica* (Common buckthorn)^A
55. *Rhamnus frangula* or *Frangula alnus* (Glossy buckthorn)^A *including the Columnaris (tall hedge) cultivar but excluding the cultivars Asplenifolia and Finline (Ron Williams)
56. *Robinia hispida* (Rose acacia or Bristly locust)^C

57. *Robinia pseudoacacia* (Black locust)^C *except all cultivars
58. *Rosa multiflora* (Multiflora rose)^A
59. *Tanacetum vulgare* (Tansy)^A *except the cultivars Aureum and Crispum
60. *Typha angustifolia* (Narrow-leaf cattail)^A
61. *Typha x glauca* (Hybrid cattail)^A
62. *Ulmus pumila* (Siberian elm)^C *except hybrids and individuals used as rootstock
63. *Valeriana officinalis* (Garden heliotrope or Valerian)^C

Phase-out: Restricted only plants located in Wisconsin prior to their effective listing date may be transported, transferred, and introduced without a permit for a period not to exceed 3 years for herbaceous plants and woody vines, or 5 years for trees and shrubs, from their effective listing date.

FISH AND CRAYFISH

PROHIBITED CATEGORY:

1. Channidae (Snakehead family)^A including *Channa argus* (Northern snakehead), *Channa bleheri* (Rainbow snakehead), *Channa gachua* (Dwarf snakehead), *Channa maculata* (Blotched snakehead), *Channa marulius* (Bullseye snakehead), *Channa punctata* (Spotted snakehead), and *Channa striata* (Chevron snakehead)
2. *Ctenopharyngodon idella* (Grass carp)^A
3. *Cyprinella lutrensis* (Red shiner)^A
4. *Hypophthalmichthys molitrix* (Silver carp)^A
5. *Hypophthalmichthys nobilis* (Bighead carp)^A
6. *Mylopharyngodon piceus* (Black carp)^A
7. *Sander lucioperca* (Zander)^A
8. *Scardinius erythrophthalmus* (Rudd)^A
9. *Tinca tinca* (Tench)^A
10. All other nonnative fish and nonnative crayfish except:
 - a. Established nonnative fish species and established nonnative crayfish species
 - b. Nonnative viable fish species in the aquarium trade
 - c. Nonnative fish species in the aquaculture industry
 - d. Nonviable fish species
 - e. Genetically modified fish species

RESTRICTED CATEGORY:

1. Established nonnative fish species and established nonnative crayfish species
 - a. *Alosa pseudoharengus* (Alewife)^A
 - b. *Cyprinus carpio* (Common carp)^A
 - c. *Gambusia affinis* (Western mosquitofish)^A - Moved to Restricted from Prohibited in 2015
 - d. *Gambusia holbrooki* (Eastern mosquitofish)^A - Moved to Restricted from Prohibited in 2015
 - e. *Gasterosteus aculeatus* (Three-spine stickleback)^A
 - f. *Gymnocephalus cernuus* (Ruffe)^A
 - g. *Morone americana* (White perch)^A
 - h. *Neogobius melanostomus* (Round goby)^A
 - i. *Orconectes rusticus* (Rusty crayfish)^A
 - j. *Osmerus mordax* (Rainbow smelt)^A

- k. *Petromyzon marinus* (Sea lamprey)^A
- l. *Proterorhinus marmoratus* (Tubenose Goby)^A
2. Nonnative viable fish species in the aquarium trade
 - a. *Acipenser ruthenus* (Sterlet)^A
 - b. *Carassius auratus* (Goldfish)^A
 - c. *Cyprinus carpio* (Koi carp)^A
 - d. *Leuciscus idus* (Ide)^A
 - e. *Misgurnus anguillicaudatus* (Weather loach)^A
 - f. *Myxocyprinus asiaticus* (Chinese hi-fin banded shark)^A
 - g. *Rhodeus* spp. (Bitterling)^A
3. Nonnative fish species in the aquaculture industry
 - a. *Lepomis microlophus* (Redear sunfish)^A
 - b. *Oncorhynchus gorbusha* (Pink salmon)^A
 - c. *Oncorhynchus kisutch* (Coho salmon)^A
 - d. *Oncorhynchus mykiss* (Rainbow trout)^A
 - e. *Oncorhynchus tshawytscha* (Chinook salmon)^A
 - f. *Salmo salar* (Atlantic salmon)^A
 - g. *Salmo trutta* (Brown trout)^A
 - h. *Salvelinus alpinus* (Arctic char)^A
 - i. *Salvelinus fontinalis* x *Salmo trutta* (Tiger trout)^A
 - j. *Tilapia* spp. (Tilapia)^A
4. Nonviable fish species
5. Viable genetically modified native and nonnative fish species.

AQUATIC INVERTEBRATES EXCEPT CRAYFISH

PROHIBITED CATEGORY:

1. *Bithynia tentaculata* (Faucet snail)^A
2. *Bythotrephes cederstroemi* (Spiny water flea)^A
3. *Cercopagis pengoi* (Fishhook water flea)^A
4. *Corbicula fluminea* (Asian clam)^A
5. *Daphnia lumholtzi* (Water flea)^A
6. *Dikerogammarus villosus* (Killer Shrimp)^C
7. *Dreissena rostriformis* (Quagga mussel)^A
8. *Eriocheir sinensi* (Chinese mitten crabs)^A
9. *Hemimysis anomala* (Bloody shrimp)^A
10. *Limnoperna fortunei* (Golden mussel)^C
11. *Melanoides tuberculata* (Malaysian trumpet snail)^C
12. *Potamopyrgus antipodarum* (New Zealand mud snail)^A

RESTRICTED CATEGORY:

1. *Cipangopaludina chinensis* (Chinese mystery snail)^A
 2. *Cipangopaludina japonica* (Japanese trapdoor snail or Japanese mystery snail)^C
 3. *Dreissena polymorpha* (Zebra mussel)^A
 4. *Valvata piscinalis* (European valve snail)^C
 5. *Viviparus georgianus* (Banded mystery snail)^C
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TERRESTRIAL INVERTEBRATES AND PLANT DISEASE-CAUSING MICROORGANISMS

PROHIBITED CATEGORY:

1. *Adelges tsugae* (Hemlock woolly adelgid)^A
2. *Anoplophora glabripennis* (Asian longhorned beetle)^A
3. *Dendroctonus ponderosae* (Mountain Pine Beetle)^C
4. *Geosmithia morbida* (Thousand cankers disease of walnut)^C
5. *Lymantria dispar* (Asian race)^A (Asian Gypsy moth)^A
6. *Phytophthora ramorum* (Sudden oak death pathogen)^A
7. *Pityophthorus juglandis* (Walnut twig beetle)^C

RESTRICTED CATEGORY:

1. *Agrilus planipennis* (Emerald ash borer)^A - Moved to Restricted from Prohibited in 2015
2. *Amyntas* or *Amyntus* species (Jumping worm)^A - Moved to Restricted from Prohibited in 2015
3. *Lymantria dispar* (European Gypsy moth)^A

Cryptococcus fagisuga (Scale associated with beech bark disease)^A - removed from ch. NR 40 on May 1, 2015

TERRESTRIAL AND AQUATIC VERTEBRATES EXCEPT FISH

PROHIBITED CATEGORY:

1. *Myiopsitta monachus* (Monk or Quaker parakeet or parrot)^A
2. *Myocastor coypus* (Nutria)^C
3. *Sus domestica* (Feral domestic swine)^A
4. *Sus scrofa* (Russian boar & other wild swine)^A

RESTRICTED CATEGORY:

None.

Trachemys scripta elegans (Red-eared slider with a carapace (top shell) length of less than 4 inches)^A - removed from ch. NR 40 on May 1, 2015

FUNGUS

PROHIBITED CATEGORY:

6. *Pseudogymnoascus destructans* (White-nose syndrome fungal pathogen)^B

RESTRICTED CATEGORY:

None.