

## EXOTIC AQUATIC PLANTS:

Exotic aquatic plants are a growing problem in lakes, ponds, rivers, and streams in New Jersey. These exotic intruders are choking out native plants and animals, inhibiting recreation areas, creating mosquito larva habitat, and clogging ditches and irrigation channels.

Did you know that:

Many warmer climate invasive plants are expanding their range and have adapted to cooler areas?

Plants can escape from your pond even if there is no direct aquatic connection to natural waters? The seeds are spread and plant roots and fragments are carried by birds or animals.

## HOW YOU CAN HELP:

This brochure presents attractive alternatives to ornamental pond plants that cause problems in waterways.

It is also vital to follow safe gardening practices:

- Build your water garden away from natural waterways.
- Plant non-invasive alternatives.
- Place plants in containers to reduce the likelihood that they will spread. This also simplifies pond
- maintenance.
- Dispose of unwanted pond plants by composting (if applied far from surface water) or drying thoroughly and placing in plastic bags in a trash container.

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### THE LEAST WANTED: ALIEN INVASIVE PLANTS

*Eichornia crassipes* -water hyacinth

*Hydrilla verticillata* - Florida elodea, hydrilla, or water thyme

*Iris pseudacorus* - yellow flag iris

*Ludwigia peploides* - floating primrose willow

*Lythrum salicaria* - purple loosestrife

*Marsilea quadrifolia* - European water clover

*Myriophyllum aquaticum* - parrotfeather milfoil

*Myriophyllum spicatum* -Eurasian milfoil

*Pistia stratioides* -water lettuce

*Rorippa nasturtium-aquaticum* - white watercress

*Trapa natans* - water chestnut



## NATIVE PLANTS FOR OUTDOOR PONDS - PLANT THESE INSTEAD

### OXYGENATING PLANTS:

*Ceratophyllum demersum* - coontail

### TRUE AQUATICS (WITH STANDING WATER ABOVE CROWN, SUN):

*Nymphaea odorata* - white water lily

*Nuphar lutea* - yellow pond lily, spatterdock

### EMERGENTS - (VERY SHALLOW WATER OR MUCK SOIL, SUN)

*Caltha palustris* - marsh marigold

*Equisetum hyemale* - scouringrush horsetail

*Iris versicolor* - blue flag

*Iris prismatica* - slender blue iris

*Leersia oryzoides* - rice cutgrass

*Mimulus ringens* - Allegheny monkeyflower

*Orontium aquaticum* - goldenclub; neverwet

*Polygonum amphibium* - water knotweed

*Pontederia cordata* - pickerelweed

*Sagittaria latifolia* - broadleaf arrowhead

*Saururus cernuus* - lizard tail

*Typha angustifolia* - narrowleaf cattail, *T. latifolia* - broadleaf cattail



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**MARSH PLANTS (SHALLOW WATER, SUN)/ WET MEADOW (SATURATED SOIL, SUN):**

*Asclepias incarnata* - swamp milkweed  
*Chelone glabra* - white turtlehead  
*Decodon verticillatus* - swamp loosestrife  
*Eupatorium dubium*, *E. pupureum* - Joe pyeweed  
*Eupatorium perfoliatum* - common boneset  
*Helianthus angustifolius* - swamp sunflower  
*Helenium autumnale* - common sneezeweed  
*Hibiscus moscheutos* - rosemallow  
*Impatiens capensis*, *I. pallida* - touch-me-knot, jewelweed  
*Kosteletzkya virginica* - saltmarsh mallow  
*Lobelia cardinalis*, - cardinal flower  
*Packera aurea* - golden ragwort  
*Peltandra virginica* - arrow arum  
*Rhexia virginica* - Virginia meadow-beauty  
*Solidago altissima*, *S. graminifolia*, *S. sempervirens* - goldenrods  
*Verbena hastata* - swamp verbena  
*Vernonia novaboracensis* - New York ironweed

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**SWAMP (WET WOODS, SHADE):**

*Actaea racemosa* - black bugbane  
*Arisaema triphyllum* - jack in the pulpit  
*Chelone glabra* - white turtlehead  
*Eupatorium dubium*, *E. pupureum* - Joe pyeweed  
*Impatiens capensis*, *I. pallida* - touch-me-knot, jewelweed  
*Peltandra virginica* - arrow arum

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**FERNS FOR WET PLACES:**

*Athyrium felix-femina* - lady fern  
*Matteuccia struthiopteris* - ostrich fern  
*Onoclea sensibilis* - sensitive fern  
*Osmunda cinnamomea* - cinnamon fern  
*Osmunda claytoniana* - interrupted fern  
*Osmunda regalis* - royal fern  
*Woodwardia virginica* - Virginia chain fern



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### RUSHES AND SEDGES FOR WET PLACES:

*Carex stipata* - awlfruit sedge  
*Carex stricta* - tussock sedge  
*Juncus effusus* - soft rush  
*Scirpus cyperinus* - woolgrass  
*Scirpus pungens* - common three-square  
*Sparganium americanum* - burreed  
*Spartina pectinata* - prairie cordgrass

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### SHRUBS FOR WET PLACES:

*Alnus serrulata* - smooth alder  
*Aronia arbutifolia* - red chokeberry  
*Cephalanthus occidentalis* - button bush  
*Clethra alnifolia* - summersweet  
*Cornus amomum* - silky dogwood, *C. stolonifera*  
*Ilex glabra* - inkberry, *I. verticillata* - winterberry  
*Itea virginica* - Virginia sweetspire  
*Lindera benzoin* - spicebush  
*Rhododendron viscosum* - swamp azalea  
*Rosa palustris* - swamp rose  
*Sambucus canadensis* - elderberry  
*Spiraea tomentosa* - steeplebush, hardback  
*Viburnum dentatum* - arrowwood viburnum, *V. nudum* - possumhaw viburnum

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### NATIVE TREES FOR WET PLACES:

*Acer rubrum* - red maple  
*Amelanchier canadensis* - serviceberry  
*Betula nigra* - river birch  
*Chamaecyparis thyoides* - Atlantic white cedar  
*Fraxinus pennsylvanica* - green ash  
*Liquidambar styraciflua* - sweet gum  
*Magnolia virginiana* - sweetbay magnolia  
*Nyssa sylvatica* - black gum  
*Platanus occidentalis* - sycamore  
*Quercus bicolor* - swamp white oak, *Q. palustris* - pin oak  
*Salix nigra* - black willow



## RESOURCES FOR NATIVE POND PLANTS

Bowman's Hill Wildflower Preserve (online seed ordering available)

P.O. Box 685

New Hope, PA 18939

215 862-2924

<http://www.bhwp.org>

Earth First Native Plant Nursery (online ordering available)

2501 Tilton Rd. #810

Egg Harbor Twp, NJ 08234

609 287-5090

<http://www.earthfirstnatives.com>

Pinelands Nursery (wholesale)

323 Island Road

Columbus, NJ 08022-1358

609 291-9486

<http://www.pinelandsnursery.com>

For more information, visit Citizens United to Protect the Maurice River and Its Tributaries, Inc., at

<http://www.cumauriceriver.org>

