



Preventing the occurrence and spread of aquatic weed infestations in public waters can save millions of public and private dollars each year in avoided control costs.



## OXYGENATING PLANTS

### South Carolina Noxious Weed List

Alligatorweed	<i>Alternanthera philoxeroides</i>
Brazilian elodea	<i>Egeria densa</i>
Common reed	<i>Phragmites australis</i>
Eurasian watermilfoil	<i>Myriophyllum spicatum</i>
Hydrilla *	<i>Hydrilla verticillata</i>
Purple loosestrife	<i>Lythrum salicaria</i>
Slender naiad	<i>Najas minor</i>
Water chestnut	<i>Trapa natans</i>
Water hyacinth	<i>Eichhornia crassipes</i>
Water lettuce	<i>Pistia stratiotes</i>
Water primrose	<i>Ludwigia hexapetala</i>
African oxygen weed *	<i>Lagarosiphon major</i>
Ambulia *	<i>Limnophila sessiliflora</i>
Arrowhead *	<i>Sagittaria sagittifolia</i>
Arrow-leaved monochoria *	<i>Monochoria hastata</i>
Duck-lettuce *	<i>Ottelia alismoides</i>
Exotic bur reed *	<i>Sparganium erectum</i>
Giant salvinia *	<i>Salvinia molesta</i> <i>S. biloba</i> , <i>S. herzogii</i> , <i>S. auriculata</i>
Mediterranean caulerpa *	<i>Caulerpa taxifolia</i>
Melaleuca *	<i>Melaleuca quinquenervia</i>
Miramar weed *	<i>Hygrophila polysperma</i>
Pickeral weed *	<i>Monochoria vaginalis</i>
Mosquito fern *	<i>Azolla pinnata</i>
Rooted water hyacinth *	<i>Eichhornia azurea</i>
Water spinach *	<i>Ipomoea aquatica</i>
Wetland nightshade *	<i>Solanum tampicense</i>

\* Also on the Federal Noxious Weed List



IF YOU HAVE ANY QUESTIONS OR JUST NEED MORE INFORMATION CONTACT US AT THE FOLLOWING:

<http://www.dnr.state.sc.us/water/envaff/aquatic/index.html>

E-mail [pagec@dnr.sc.gov](mailto:pagec@dnr.sc.gov)

Aquatic Nuisance Species Program

2730 Fish Hatchery Road

West Columbia, SC 29172

Phone (803)755-2836



**STOP AQUATIC HITCHHIKERS!**

Prevent the transport of nuisance species.  
Clean all recreational equipment.  
[www.ProtectYourWaters.net](http://www.ProtectYourWaters.net)



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## Oxygenating Plants

Aquatic plants that grow completely or mostly under water are often termed “oxygenating” or “oxygen” plants by the water garden and aquarium industry because these submersed plants contribute dissolved oxygen to the water during photosynthesis. Dissolved oxygen is important to support fish and other aquatic life. These plants also provide food and cover for fish and other aquatic organisms. The term “Anacharis”, as used by commercial aquatic plant suppliers, includes a variety of oxygen plants that resemble the elodeas. Plants sold under this name include the true Elodeas and two species that are illegal to sell in South Carolina, Brazilian elodea (*Egeria densa*) and Hydrilla (*Hydrilla verticillata*).



**CANADIAN ELODEA**  
(*Elodea canadensis*)  
Leaves in whorls of 3 and smooth to the touch.

CANADIAN  
ELODEA

**CABOMBA**  
(*Cabomba caroliniana*)  
Opposite fan shaped leaves & slender stem, purple and green forms.



CABOMBA



**RUSH**  
(*Juncus repens*)  
Submersed form grows in tufts, looks grasslike in appearance.

RUSH

**TAPE GRASS**  
(*Vallisneria americana*)  
Long, thin, ribbon-like leaves with finely serrulate margins.



TAPE GRASS

**SOUTHERN NAIAD**  
(*Najas guadalupensis*)  
Leaves are linear and opposite with toothed margins.



SOUTHERN  
NAIAD



**PONDWEED**  
(*Potamogeton diversifolius*)  
Submersed leaves are thread-like and have a bristlelike point.

PONDWEED

**COONTAIL**  
(*Ceratophyllum demersum*)  
Olive-green in color, leaves are whorled and repeatedly forked.



COONTAIL



**BACOPA**  
(*Bacopa caroliniana*)  
Round, light green leaves, very ornamental. Predominately an emergent but will grow submersed.

BACOPA

## How you can help!

Aquatic weed problems are caused primarily by boaters and fishermen unknowingly spreading aquatic weeds from one lake to another and homeowners disposing of water garden and aquarium plants in public waters. You can help control the spread of nuisance aquatic plants by the following:

- Never purchase, sell, or transport illegal aquatic plants
- Never dump aquarium plants or animals into public waters.
- Remove all plants from your boat, motor, and trailer before leaving any water body.
- Report aquatic weed problems in public waters to the Aquatic Nuisance Species Program, SCDNR (1-803-755-2836).

