## Identifying Relationships Between Invasive Species and SGCNs in the Northeast Region

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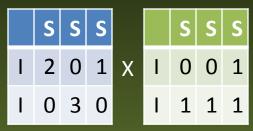


## Which invasives are the most important...

- Those that impact the most SGCN?
- Those that change ecosystem processes?
- Those listed in the majority of the Northeastern states?

The objective of this project was to gather information to begin to answer these questions and to develop lists for the region and each state.





$$S1 = \frac{\text{# of SGCN impacted}}{\text{Total # of SGCN}}$$

Rank	Common Name	Scientific Name
1	Eurasian Water-milfoil	Myriophyllum spicatum
2	Giant Reed	Arundo donax
3	Common Water-hyacinth	Eichhornia crassipes
4	Hydrilla	Hydrilla verticillata
5	Common Frogbit	Hydrocharis morsus-ranae
6	Yellow Iris	Iris pseudacorus
7	Broadleaf Water-milfoil	Myriophyllum heterophyllum
8	Brittle Naiad	Najas minor
9	Common Reed	Phragmites australis
10	Alligator-weed	Alternanthera philoxeroides

- Compiled a list of SGCNs in the Northeast (terrestrials and fish)
- 2. Compiled a list of invasive species
- Created matrices to classify interaction between SGCNs and invasive species by habitat
- 4. Developed ranking criteria
- 5. Created ranked lists of the most important invasive species based on those criteria

## **Products**

- General habitat classifications for both SGCN and invasive species
- All base data to permit customized analysis
- Lists of the "most important" invasive species

by:

- Region
- State
- SGCN Taxonomic group



SCGN Enemy Number One: Eurasian milfoil