

YELLOW FLOATING HEART

Nymphoides peltata

Menyanthaceae, the buckbean family

Category: EDRR

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FACTSHEET INFORMATION

Summary of Invasiveness

- Yellow floating heart is a rooted aquatic plant that has the ability to form large, dense mats within waterbodies.
- The plant can decrease water quality, reduce biodiversity, and impede recreational activities such as swimming, fishing, and boating.

Description

- Aquatic perennial with rope-like stems that are rooted in the sediment.
- Floating, heart-shaped leaves which are 2-6 inches across, shiny, green to yellow-green on the top, and often have a purple underside.
- Yellow, 5-petaled flowers are clustered in groups of 2-5 on stalks that are 3 inches above water surface.
- Seeds are smooth, ovoid and are contained in beaked capsules.

Introduction and Movement

- Yellow floating heart is native to Eurasia, China, India, Japan, and the Mediterranean, and was first introduced to the U.S. in 1882 in Massachusetts, likely through the release of water garden contents into waterways.
- It prefers slow-moving waters and is found in rivers, ponds, lakes, and canals. The plant can easily spread through fragmentation, by escaping water garden containment, and through seed dispersal from avian vectors.

Prevention Strategy

- To prevent accidental introductions, learn how to identify Yellow floating heart and report any sightings.
- Always research water garden plants before purchasing.
- Never release aquarium contents or water garden species into surface waters and dispose of unwanted vegetation by burning, composting, or drying out completely.
- When boating, make sure to clean off any vegetative materials when leaving each waterbody and before launching into another.
- Always Remember To: **KNOW WHAT YOU GROW**

DON'T LET IT LOOSE & CLEAN > DRAIN > DRY

Sources

- CABI Invasive Species Compendium: <https://www.cabi.org/isc/datasheet/107746>
- Idaho's Noxious Weeds 9th Edition, University of Idaho: <http://www.extension.uidaho.edu/publishing/pdf/BUL/BUL816.pdf>.



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FOR ADDITIONAL INFORMATION, PLEASE VISIT: INVASIVESPECIES.IDAHO.GOV
TO REPORT INVASIVE SPECIES IN IDAHO, PLEASE CALL 1-877-336-8676.

YELLOW FLOATING HEART DISTRIBUTION MAP



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