



NCDA&CS

Plant Industry Division Plant Protection Section

PEST ALERT

Yellow Floating Heart

Nymphoides peltata

Yellow floating heart (YFH) is an aquatic plant that grows in dense floating mats in fresh waterways and can make water recreation difficult. The aggressive growth habit of YFH impacts native plants and animals by lowering oxygen levels and greatly decreasing light penetration below the water's surface.



Rounded, heart-shaped leaves with wavy edges during flowering (A). Densely formed mats on the water's surface (B, C and D).

ECOLOGICAL THREAT:

Aggressive growth habit forming thick surface canopies over bodies of freshwater. Outcompetes native plants and impacts animals relying on those natives. Decreases dissolved oxygen and light penetration.

IDENTIFICATION:

Growth Habit: Spreading with blooms about 6" above water. Maximum depth is about 9'.

Flowers: Star-shaped, yellow with fringes. Usually 5 petals. Blooms June – Sept.

Leaves: Green, rounded heart-shaped with scalloped edges. Leaves lay flat on water with purplish undersides

SIGNS AND SYMPTOMS:

This plant's showy yellow flowers from June – September makes it easy to spot. Early identification greatly aids in eradicating this aggressive weed species. Common lookalikes include little floating heart (*Nymphoides cordata*) and yellow water lily (*Nuphar variegata*).

WHAT TO DO:

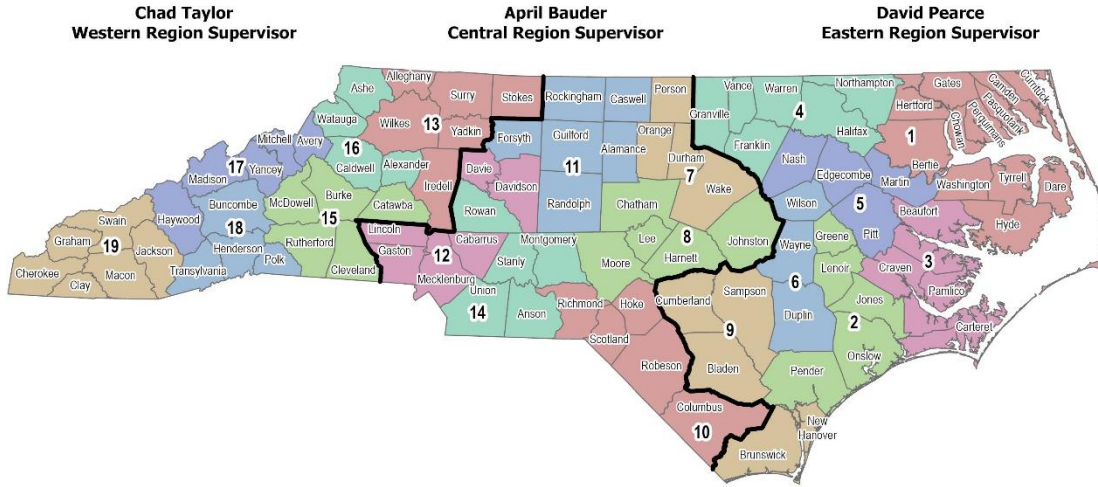
Collect a specimen: You may cut a sample from a specimen and place in a Ziploc bag for identification by your local extension agent. If determined positive, contact the Regulatory Weed Specialist at (919) 707-3741.

Take a picture: Digital pictures may be sent to jarred.driscoll@ncagr.gov

Report a site: Contact your local Plant Pest Specialist (see back of sheet for contact information) or Jarred Driscoll, Regulatory Weed Specialist (jarred.driscoll@ncagr.gov, 919-707-3741).

Note: This is a regulated plant for the state of North Carolina. No such plants may be sold, transported or moved. Should you observe this plant anywhere in NC, please contact NCDA&CS.

NC Department of Agriculture & Consumer Services
Plant Industry Division – Plant Protection Section
Plant Pest Specialist Work Areas



Specialist's Names, Contact Information and Assigned Areas

Area 1:	Bertie, Camden, Chowan, Currituck, Dare, Gates, Hertford, Hyde, Pasquotank, Perquimans, Tyrrell, Washington	Joe Davenport	(919) 608-0635
Area 2:	Greene, Jones, Lenoir, Onslow, Pender	Bonnie Faulkner	(252) 521-3180
Area 3:	Beaufort, Carteret, Craven, Pamlico	David Pearce	(252) 670-1742
Area 4:	Franklin, Granville, Halifax, Northampton, Vance, Warren	Derreck Long	(252) 567-1247
Area 5:	Edgecombe, Martin, Nash, Pitt	Juliet Whitehurst	(919) 218-1765
Area 6:	Duplin, Wayne, Wilson	Scott Cannady	(919) 270-4910
Area 7:	Durham, Orange, Person, Wake	April Bauder	(919) 777-3251
Area 8:	Chatham, Harnett, Johnston, Lee, Moore	Jensen McLamb	(910) 638-4943
Area 9:	Bladen, Brunswick, Cumberland, New Hanover, Sampson	Chris Carter	(919) 218-8654
Area 10:	Columbus, Hoke, Richmond, Robeson, Scotland	Michelle Shooter	(910) 734-3477
Area 11:	Alamance, Caswell, Forsyth, Guilford, Randolph, Rockingham	Andrew Allen	(336) 404-5873
Area 12:	Cabarrus, Davidson, Davie, Gaston, Mecklenburg, Lincoln	Heidi Humlicek	(406) 750-6432
Area 13:	Alleghany, Iredell, Stokes, Surry, Wilkes, Yadkin	Ginger Hemmings	(336) 314-9334
Area 14:	Anson, Montgomery, Rowan, Stanly, Union	Samuel Harris	(919) 604-3896
Area 15:	Burke, Catawba, Cleveland, McDowell, Rutherford	Amanda Cook	(828) 443-1289
Area 16:	Alexander, Ashe, Caldwell, Watauga	Chad Taylor	(336) 466-0478
Area 17:	Avery, Haywood, Madison, Mitchell, Yancey	Tim Hartley	(828) 260-0588
Area 18:	Buncombe, Henderson, Polk, Transylvania	Sue Dial	(828) 577-0915
Area 19:	Cherokee, Clay, Graham, Jackson, Macon, Swain	Ryan Holquist	(828) 421-5445

Mailing Address: 1060 Mail Service Center, Raleigh NC 27699-1060
Physical Address: 216 West Jones Street, Raleigh NC 27603
Phone: (919) 707-3730 | Fax: (919) 733-1041

Please visit our website at www.ncagr.gov/plantindustry for more information!