

# NOT-WANTED!

## NARROWLEAF BITTERCRESS

*Cardamine impatiens*

**EARLY DETECTION & CONTROL WILL PREVENT INFESTATIONS!**



Rosette



Mature Plants



Seed pods



Photos: K. Chayka, minnesotawildflowers.info

Auricles



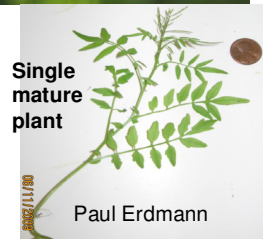
First year leaf

MN Dept. of Ag.



Seedlings in buckthorn

MN Dept. of Ag.



Single mature plant

Paul Erdmann

**NARROWLEAF BITTERCRESS** is a new invader to Minnesota. It is an erect, **smooth, shiny green, 6"- 31" tall** biennial. **Leaves** have 6-20, sharply-toothed leaflets. **Blooms May to August.** **Flowers** are tiny and white, to 0.1" long. **Slender seedpods**, 0.6-0.8" long, ripen from May to September. Leaves of seedlings and first year rosettes do not resemble mature leaves, having 3-11 leaflets with rounded lobes. Produces up to 5,500 seeds per plant. Seeds are thrown short distances from seed pods, and are dispersed by foot traffic, vehicles and water.

**Narrowleaf Bittercress is differentiated from other bittercress and mustards** by membrane-like, narrow, pointed ears or auricles which extend from the leaf base to grasp the stem. These ears remain on the stalk when leaves are removed.

**Monitor** moist forested sites in **early spring and summer** as rosettes green up early. It grows vigorously in deep **shade** and woods, covering the ground in dense patches. It can also be found on banks, thicket margins, and on moist limestone rocks and cliffs. It is spreading along the Mississippi and St. Croix Rivers. Hand pull all plants before flowering, or pull and bag if in fruit or flower, since seeds will form even after being pulled. Clean footwear to prevent spread of seeds.

### For more information contact:

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