



# Knotweeds (*Reynoutria* spp.)

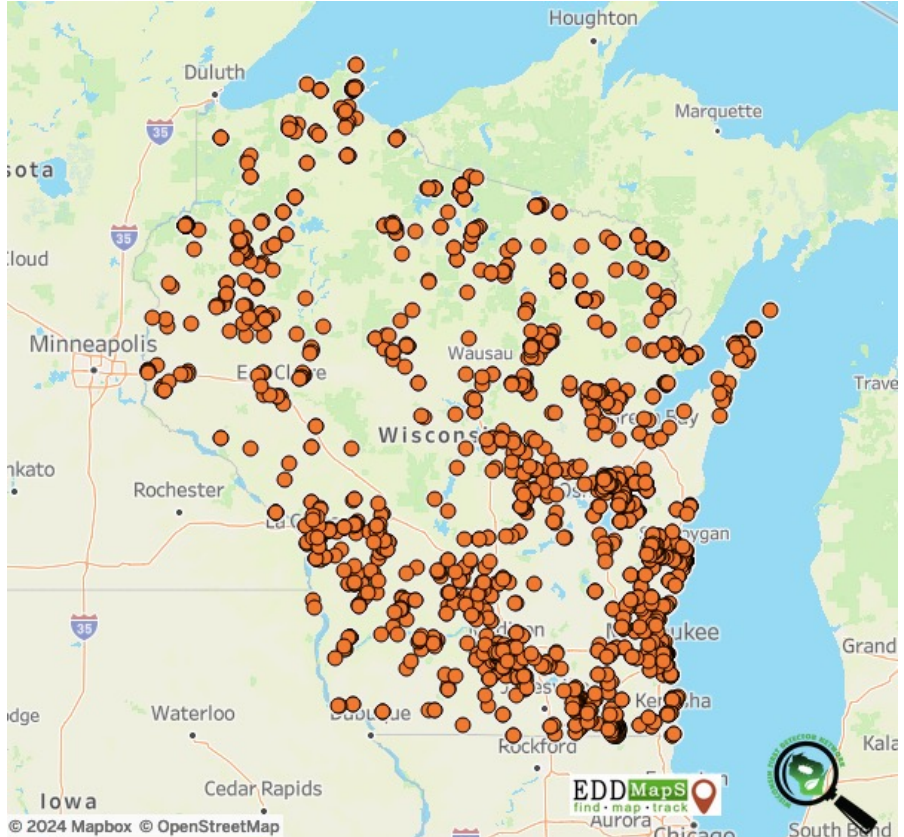
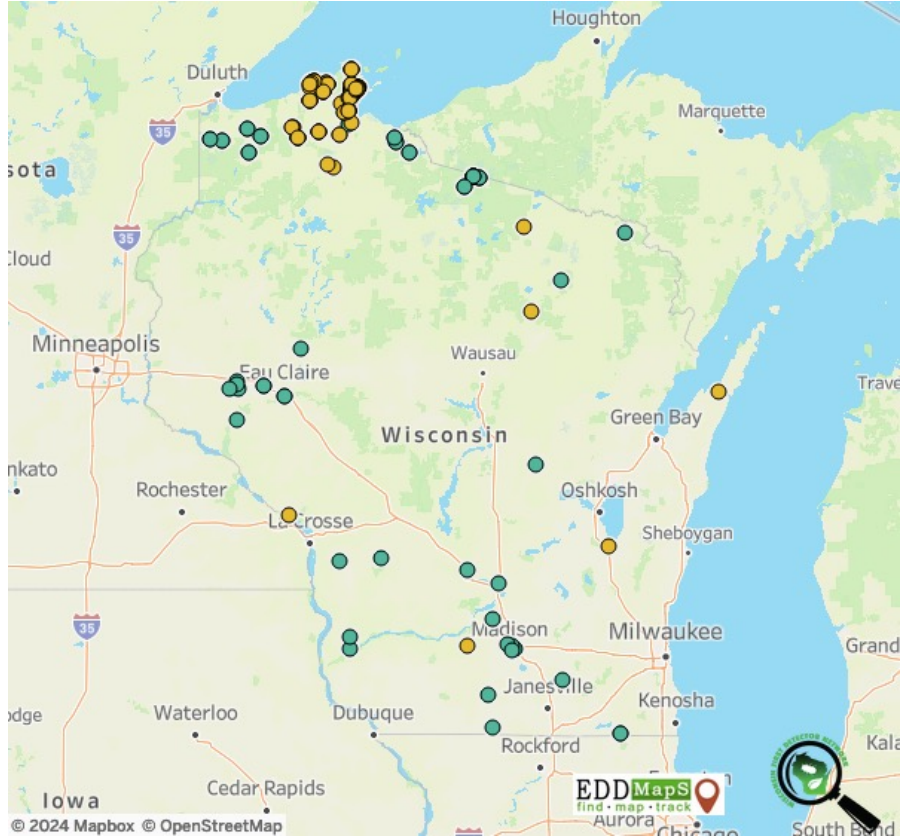
- Giant herbs with hollow, spotted stems; resemble bamboo
- Habitats they invade:
  - Forests
  - Grasslands
  - Roadsides
  - Waterways
- Status
  - Regulated in: IL, IN, MI, OH, MN





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Scientific Name	Common Name	NR 40
<i>Reynoutria japonica</i>	Japanese knotweed	R
<i>Reynoutria sachalinensis</i>	Giant knotweed	P
<i>Reynoutria xbohemica</i>	Bohemian knotweed	P

# Knotweeds (*Reynoutria* spp.)



-  BOHEMIAN KNOTWEED
-  GIANT KNOTWEED

-  JAPANESE KNOTWEED



# Knotweeds (*Reynoutria* spp.)

*Leaves alternate, simple*

- Leaves are 2–15” long
- Leaf margins are entire
- Leaves are triangular, with flat or heart-shaped bases
- Stems are smooth, hollow, thick





# Knotweeds (*Reynoutria* spp.)

## *Flowers/Fruit*



- Flowers are white, with 5 petals
- Flowers borne in branched clusters in the leaf axils; Aug.-Sept.
- Fruit is an achene with wings



# Knotweeds (*Reynoutria* spp.)

## *Flowers/Fruit*



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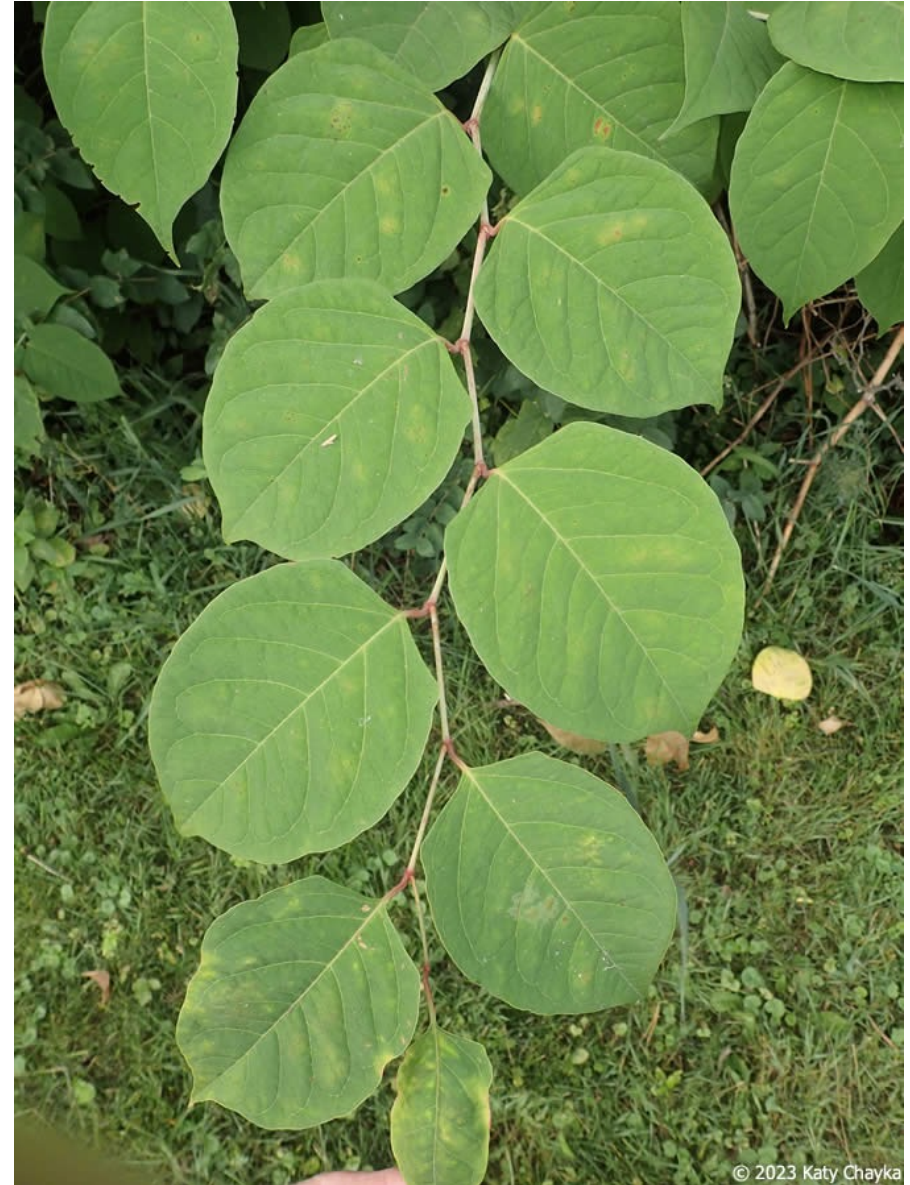
# Knotweeds (*Reynoutria* spp.)

## SUMMARY

The knotweeds are an easily recognized group and they don't closely resemble any other plants in our region.

Japanese knotweed and giant knotweed hybridize to form Bohemian knotweed. The hybrid rarely produces viable seed.

Both species and the hybrid can be spread by rhizomes being washed down rivers and streams. Control strategies are the same for all three taxa.



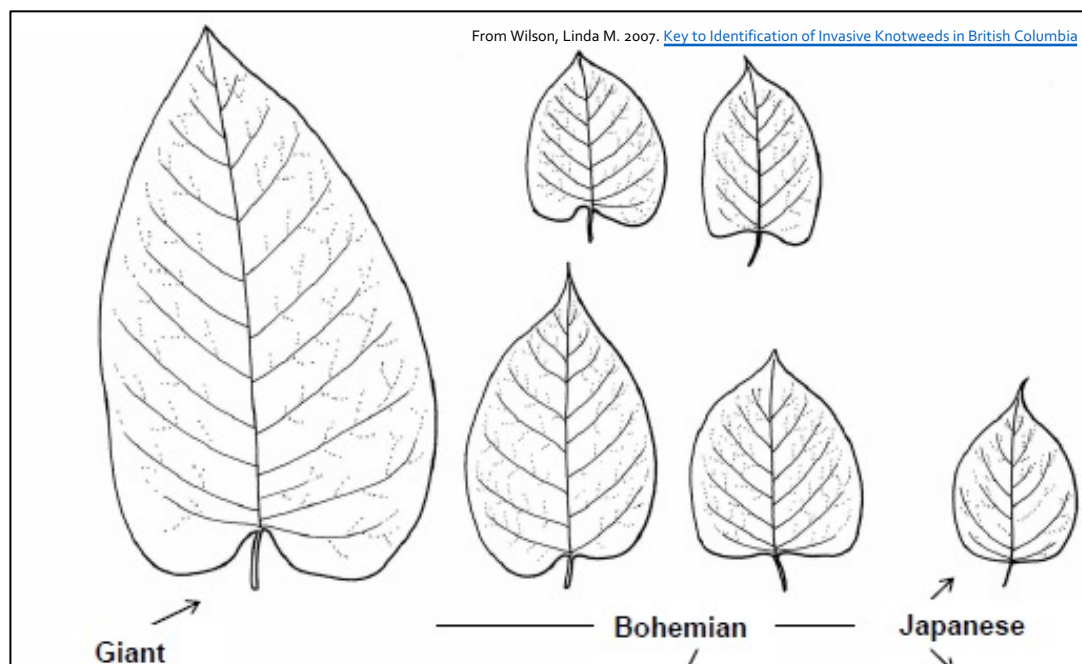
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# Knotweed comparison

Perennial knotweeds (*Reynoutria* spp.) have tall, arching stems that resemble bamboo. The three taxa in Wisconsin look most like each other and are not often confused with other species. Bohemian knotweed is a hybrid of Japanese knotweed and giant knotweed, so it has characteristics that are intermediate between the other two species.



Species	Stem	Leaves
Japanese knotweed ( <i>Reynoutria japonica</i> )	Multiple branches; 5-8 ft tall	4-6" long; squared off leaf base
Giant knotweed ( <i>Reynoutria sachalinensis</i> )	Few or no branches; 10-20 ft tall	6-14" long; heart-shaped base
Bohemian knotweed ( <i>Reynoutria x bohemicum</i> )	Few to several branches; 6.5-16 ft tall	4-6+" long; base intermediate between squared off and heart-shaped