

# New Invaders Watch Program

## Early Detection and Rapid Response Network

COMMON NAME: **JAPANESE HOPS**

SCIENTIFIC NAME: *Humulus japonicus*

FAMILY: *Cannabaceae*

ORIGIN: Japan

US INTRODUCTION: Introduced as an ornamental garden plant

MAJOR PATHWAYS OF SPREAD:

- Wind
- Water

IDENTIFICATION CHARACTERISTICS:

- Annual, herbaceous, twining vine, forming mats plants either male or female, flowers July-September, spreads by seed
- Leaves generally five lobed
- Stem very rough, with downward pointing prickles, climbs up to 7.5 feet
- Flowers, ¼ inches wide, greenish, produced on a spike on stem branches and are inconspicuous
- Fruit ¼ inches, scaly, light brown when mature
- Threatens open woodlands, fields, prairies, riparian corridors



D. Eagan

Vine with pencil for size reference



Stem barbs



D. Eagan

Male flowers



D. Eagan

Female flowers

NATIVE LOOK-ALIKES:

### Non-Native



*Japanese hops, Humulus japonicus, generally has five lobes per leaf (rarely three) that are pointed, flowers greenish*

### Native



*American hops, Humulus lupulus, generally has three lobes per leaf (rarely five), that are rounded, flowers yellow to white,*

ADDITIONAL RESOURCES:

Japanese hops Fact Sheet – Plant Conservation Alliance.  
<http://www.nps.gov/plants/alien/fact/huja1.htm>

USDA Plants Database.  
<http://plants.usda.gov/java/profile?symbol=HUJA>

Japanese hops Fact Sheet – Invasive Plant Species Assessment Working Group, Indiana.  
[http://www.inchesgov/dnr/files/Japanese\\_Hops.pdf](http://www.inchesgov/dnr/files/Japanese_Hops.pdf)

Illinois Wild Flowers.  
[http://www.illinoiswildflowers.info/weeds/plants/jp\\_hops.htm](http://www.illinoiswildflowers.info/weeds/plants/jp_hops.htm)



Japanese hops invasion in floodplain in Missouri