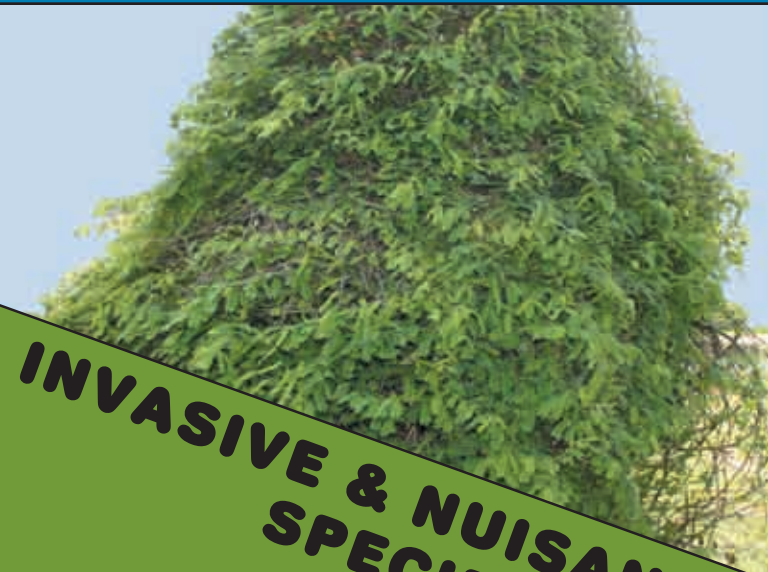


Invasive Vegetation - Japanese Climbing Fern

(Lygodium japonicum)



**INVASIVE & NUISANCE
SPECIES
IN
BREVARD COUNTY
FLORIDA**

IDENTIFICATION, REMOVAL, AND REPLACEMENT



Jim Tear

Species was added to the Florida Noxious Weed List (5b-57.007 FAC) by the Florida Department of Agriculture and Consumer Services. Plants on the Florida Noxious Weed List may not be introduced, possessed, moved, or released without a permit.

IDENTIFICATION



The stalked leaflets of Japanese climbing fern are lobed and dissected, and look somewhat compressed. The leafy branches off the main stem are 4-8 inches long. The vine is usually visible as a large, twisted mat covering vegetation along ditches, canals, and natural areas. Leaflets die in winter but stalks of leaves usually remain intact, providing a "ladder" for climbing stalks of new growth from underground rhizomes.

A true fern, native to Asia, which climbs existing vegetation up to 90 feet high. Its reproductive spores, like those of other ferns, can be transported long distances by wind, people, and vehicles. This vine is found throughout Brevard County, and is sometimes found with Old World Climbing Fern.

REMOVAL

*Use *foliar method* (July-October) with care if treating around desirable plants

*Treat leaflets with *glyphosate*

**Wash clothes, tools, and vehicle* before entering into a new, uninfested area.

FOLIAR METHOD: Apply herbicide with a backpack or similar hand-operated pump sprayer equipped with a flat spray tip or adjustable cone nozzle. Apply herbicide to the leaves and stems of target plants using a consistent back and forth motion. Herbicide should thoroughly cover foliage, but not to the point of run-off. All recommended herbicides require complete foliar coverage to be effective. **YOU MUST FOLLOW LABEL OF HERBICIDE CONTAINER!**

REPLACE WITH

Passionflower



Ted Bodner

Corky-Stem Passion-vine



Roger Hammer

**Crossvine* (*Bignonia capreolata*)

**Passionflower* (*Passiflora incarnata*)

**Corky-Stem Passion-vine* (*Passiflora suberosa*)

MORE INFORMATION



Brevard County Natural Resources
Management Office
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Way
Building A, Suite 219
Viera, FL 32940
321-633-2016

Brevard County Natural Resources
<http://www.brevardcounty.us/natres/publications.cfm>
FL Dept. of Agriculture and Consumer Services
<http://www.doacs.state.fl.us/pi/enpp/botany/noxweed.html>
FL Dept. of Environmental Protection
<http://www.dep.state.fl.us/lands/invaspec/>
FL Exotic Pest Plant Council
www.fleppc.org
Invasive and Exotic Species
<http://www.invasives.org>
National Wildlife Federation
http://enature.com/native_invasive/
University of FL IFAS, Center for Aquatic and Invasive Plants
<http://plants.ifas.ufl.edu>