**Japanese Climbing Fern (*Lygodium japonicum*)**

**Brief history of occurrence in NATL**

Japanese Climbing Fern was first reported in NATL in 1995 by the [Cooperative Florula Project](http://natl.ifas.ufl.edu/1995lists.htm). In 2000 and 2003, in Dan Ward’s [Plant Inventory](http://natl.ifas.ufl.edu/WardLists.htm), its occurrence was listed as “infrequent; hammock, climbing on trees at edge of roadway (H7).” It is not known to occur in NATL-east. Japanese Climbing Fern is classified as a Category I invasive in [FLEPPC’s 2011 List](http://www.fleppc.org/list/11list.html). It has been sprayed wherever it has been found in NATL and eliminated at each site—only to show up somewhere else. It seems to be controlled but not diminished!

**Ethan’s synopsis of sites mapped and treatments applied**

A site discovered and treated before May 2011 from which the species was eradicated is referred to as a **legacy site** and is indicated on the species’ map by a triangle. If the species was not eradicated from the site, the site is an **old active site**, has been regularly monitored since then, and is indicated on the map by an open circle. A site that was discovered after May 2011 is a **new active site** and is indicated on the map with a filled circle.

**Legacy Sites**

1. On the north side of Division Trail, 90 ft west of East Trail were two vines sprayed back in July of 2007. Follow up checks since then have revealed no new growth.

**Old Active Sites**

1. Found on both sides of Gasline Trail between G10 and H10 where the skunk vine infestation plants were found in 2006 and 2007 and were sprayed with glyphosate. In July 2007 4 plants were sprayed with 2% glyphosate. In March 2012 found one plant and sprayed it with 3% glyphosate.
2. North of Main Trail, just west of the pavilion several plants were found in May of 2009. In June 2010, plants were sprayed with garlon, and sprayed again with 2% garlon in July 2011. In September 2011, all living plants were sprayed with 2% glyphosate. In March 2012, follow up was done and plants were sprayed with 3% glyphosate (3 plants were missed growing at base of a pine-need to spray.

**New Active Sites**

1. Located in Field Plot A between the trail and the road is one large vine (growing just east of CG4. Vine was never sprayed because Field Plot A was mowed and the trees cut to start the plot over.

\* Watch for future growth

**Current herbicidal control used in NATL**

Spray 3% glyphosate on all foliage. Details of formulation are at [Treatment Mixes](http://natl.ifas.ufl.edu/NATLmixes.htm).