

Module 1 ~ Silent Invaders (UE/MS)
Magnify It! Answer Key (Japanese climbing fern)



STEMS & ROOTS: Use magnifier and *Illustrated Plant Structures - Stems and Roots* to complete the card.

Common name: Japanese climbing fern

Scientific name: Lygodium japonicum

Type of stem: _____ Diameter of stem: _____

crown (short)

simple (no branches)

branched (has branches or sidegrowths)

climbing (needs support; a vine)

creeping (rests on ground; roots at nodes)

rhizome (roots below ground)

stolon (along surface; roots at node)

Are there nodes on the stem? If yes, then describe: _____

Are there buds? _____ Describe: _____

Find midrib on the blade (leaf). Is it in the center?

Does the leaf have a sheath? _____ Yes No

Circle type of root: tuber bulb bulblet bulbil corm

Other/describe: fibrous

To check answers refer to individual plant information cards:
Invasive and Non-Native Plants You Should Know--Recognition Cards (or Flash Cards) ~ plants.ifas.ufl.edu/education

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LEAVES: Use magnifier and *Illustrated Glossary of Leaf Shapes* to complete the card.

Common name: Japanese climbing fern

Scientific name: Lygodium japonicum

Circle one: native **non-native** **invasive**

leaf (blade) shape: Leaflet: lanceolate to triangular

leaf tip: Leaflet: acute, obtuse, emarginate

leaf margin: Leaflet: lobed, lobes leaflet-like

leaf base: Leaflet: various

leaf attachment: Leaflet: short stalked
Fron: alternate

leaf arrangement: Leaflet: alternate

plant habit: Herbaceous and climbing

Field Notes: Fronds can reach 90ft. long; many times divided (compound; numerous, short, alternate branches; each branch with several short-stalked, divided leaflets (pinnae).

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