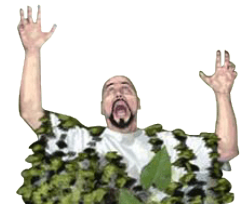


Module 1 ~ Silent Invaders (UE/MS)
Magnify It! Answer Key (tuberous sword fern)



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

Common name: tuberous sword fern

Scientific name: *Nephrolepis cordifolia*

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 with tubers that form from stolons

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: tuberous sword fern

Scientific name: *Nephrolepis cordifolia*

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

Fronde: elliptical

leaf (blade) shape: Leaflets: oblong-lanceolate, lobe at base

leaf tip: Leaflet: bluntly acute to obtuse

leaf margin: Leaflet: smooth or toothed

leaf base: Leaflet: oblique

leaf attachment: Fronde: long stalk

Fronde: alternate

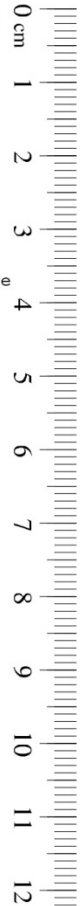
leaf arrangement: Leaflet: alternate

plant habit: herbaceous and ascending

Field Notes: Fronds are once-divided (pinnately compound). Stalks are covered with two-tone scales. Has an ascending rhizome. Tubers form from the roots and stolons.

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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