

National Park Service

U. S. Department of the Interior

**Cowpens**

**Invasive Plants at Cowpens National Battlefield**



Of the 536 species of plants at Cowpens National Battlefield, 151 are non-native.

Invasive plants are non-native plants whose growth habits are highly threatening to native plant life. Invasive plants lower ecosystem biodiversity by monopolizing soil nutrients, water, and changing habitat types.

Some of the most aggressive, and notable invasive species in the park include *Phyllostachys aurea* (Golden bamboo), *Elaeagnus umbellata* (Autumn olive), *Lonicera japonica* (Japanese honeysuckle), *Rosa multiflora* (Multiflora rose), *Ligustrum spp.* (Privet), and *Microstegium vimineum* (Japanese stiltgrass).

Japanese Honeysuckle

*Lonicera japonica*

Japanese honeysuckle is one of the most commonly occurring invasive plants in the south. It is identified by its woody vine, opposite leaves, and fragrant flowers.

English Ivy

*Hedera helix*

English ivy is native to most of Europe and western Asia. It is an evergreen climbing plant that grows 20 - 30 feet up vertical surfaces that also grows as a ground cover where there are no suitable surfaces.

Chinese Privet

*Ligustrum sinense*

Privet has opposite leaves, white flowers, and berries that range from green to black. It can grow up to 30 ft. in height and forms dense thickets.

Golden Bamboo

*Phyllostachys aurea*

Golden bamboo has alternate, grass-like leaves and can reach heights of 24 to 30 ft. It shades out native plants and destroys wildlife habitat.

Tree of Heaven

*Ailanthus altissima*

Tree of heaven spreads rapidly by suckers on its lower trunk or roots in disturbed areas, out-competing native plants.

Multiflora Rose

*Rosa multiflora*

Multiflora rose was originally used as a living fence for livestock. It is identified by its compound leaves, white flowers, and red rose hips in the fall.

Common Periwinkle

*Vinca minor*

Periwinkle is commonly grown as a groundcover because of its evergreen foliage and spring and summer flowers. The color “periwinkle” comes from the flower.



Autumn Olive

*Elaeagnus umbellata*

Autumn olive is recognizable by its bright green leaves with silver undersides and red berries in the fall. It can grow to a height of 20 feet and forms dense stands.

Chinese Lespedeza

*Lespedeza cuneata*

Chinese lespedeza is native to eastern Asia. Its leaves are divided into three smaller leaflets which are narrow, oblong, and pointed. Once established, it out-competes and displaces native plants.

Japanese Stiltgrass

*Microstegium vimineum*

Japanese stiltgrass is an annual grass with slender stalks that produce tiny flowers in late summer. Japanese stiltgrass may impact other plants by changing soil chemistry and shading other plants.

Japanese Barberry

*Berberis thunbergii*

Japanese barberry is a spiny shrub that grows 2 - 8 feet high. It raises the pH of the soil and replaces native species. This plant spreads by seeds and by roots growing from branches touching the ground.

Mullein

*Verbascum sp.*

Mullein is native to Europe and Asia. It forms a rosette of leaves at ground level and eventually a tall flowering stem. The leaves are often hairy, giving the plant its alternate name, velvet plant.

For more information about plants at Cowpens National Battlefield, go to <http://www.nps.gov/cowp/naturescience/index.htm>.

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