

Ironweed, Missouri ironweed

Vernonia missurica Raf.

Group: Dicot

Family: Asteraceae (aster)

Growth Habit: Forb/herb

Duration: Perennial

U.S. Nativity: Native, much of central U.S.



Natural Enemies

Attracted: Large numbers of *Chalcidoidea*. Small numbers of *Orius insidiosus*, *Thomisidae*, *Salticidae*, *Coccinellidae*, *Plagiognathus politus*, *Empididae*, *Chlamydatus associatus*, *Cynipoidea* and *Braconidae*.

Pests Attracted: Medium numbers of lygus bugs. Small numbers of leaf beetles, leafhoppers, Japanese beetles, froghoppers and tephritid fruit flies.

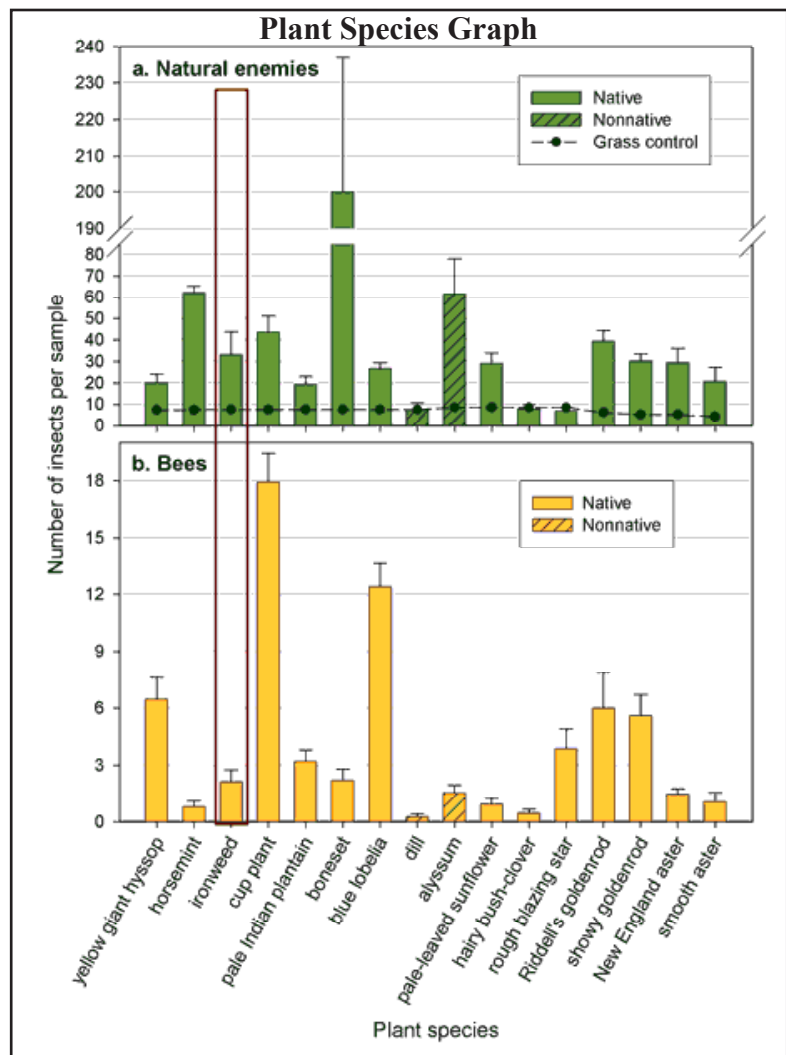
Bees attracted: Moderate numbers (between 1-5 bees per meter square in a 30 second sample) of bees including sweat bees, leafcutter bees, cuckoo bees, small carpenter bees, and bumble bees.

Species Notes: Striking purple, feathery flowers about 1 inch across bloom in groups at the top of the plant, and plants grow 3-6 ft tall. Plants bloomed throughout August. This species was sixth most attractive to natural enemies in the late season, with three times as many natural enemies as the grass control.



About the Plant Species Graph:

Average number of beneficial insects collected at each plant species the week before, during, and after peak bloom, for plant species blooming from mid-August through early October (+ standard error). Ironweed (*Vernonia missurica*) boxed in red. Bars for natural enemies are in green, bars for bees are in yellow. Bars for native plants are solid and nonnative plants are striped. The black line on the top graph shows the number of natural enemies in grass with no flowering plants (grass control). Plants are listed in order of peak bloom.



Habitat: Includes full sun to partial sun, and average to very wet soils. Naturally occurring in damp areas such as river bottom woods, fens, sedge meadows, and wet prairies. May also occur in damp or dry open ground along roadsides, fencerows, fields and river banks.

Cultivation and Management: Can be grown from seed (flowers in third year) or plug material (flowers in second year).

Availability: Species is available as seed, plug or container grown material from various native plant nurseries. See the Michigan Native Plant Producers Association

For more information: View the online USDA-NRCS PLANTS database

