

Puccinia sparganioidis Ell. & Barth.

Ash rust



Description:

rust

Spores: aeciospores on Fraxinus spp., with hyaline walls 2-3 μm thick at sides, 7-13 μm thick at apex, verrucose; on Spartina spp. urediospores with hyaline walls 1.5-3 μm thick at sides, 7-10 μm thick at apex; teliospores dark brown.

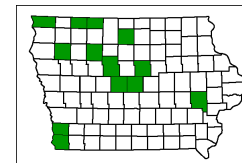
Diagnostic macroscopic feature: this is the only rust known on Fraxinus, but there are other rusts on Spartina spp.

Diagnostic microscopic feature: aeciospores, uredospores and teliospores all have thick apical wall compared to lateral walls

Nutritional Mode: obligate parasite

Substrate: uredia, telia and basidia on Spartina; aecia and spermatia on Fraxinus

Habitat: woodland, meadows, prairies



**Eastern
U.S. very
common**

Fruiting Season: aecia in summer, uredia and telia in late summer

Kingdom: Fungi

Phylum: Basidiomycota

Order: Uredinales