

Ash Rust

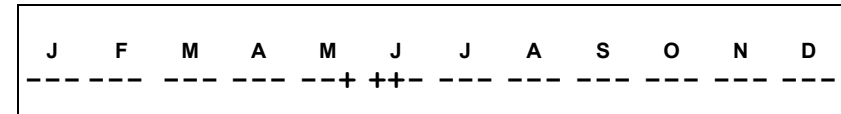
Puccinia sparaganioidis
Ellis & Bartholomew



OVERALL: Dorsey Woods, 5/29/2020, S. Muller.
DORSAL: Dorsey Woods, 5/31/2020, J. Solem.
VENTRAL: Dorsey Woods, 5/31/2020, J. Solem.

Ash Rust

Puccinia sparaganioidis
Pucciniaceae



ID: Cankers on ash twigs and leaf petioles.

Habitat: Ash leaves, tree twigs and leaf petioles. Alternate host marsh/cord grasses.

Fruiting Body: “Infected leaves, petioles, and small twigs swell and may become twisted and distorted. Yellow to orange pustules develop and produce powdery spores. The spores of the fungus, yellow-orange in color, appear over the swollen areas. The canker-like areas on twigs and petioles may lead to browning of leaves in the early summer.

“The spores produced on ash are incapable of reinfecting ash, but infect the marsh and cord grasses, the alternative hosts of this rust fungus. The fungus overwinters on these grasses and infects ash during warm wet weather in the spring.”

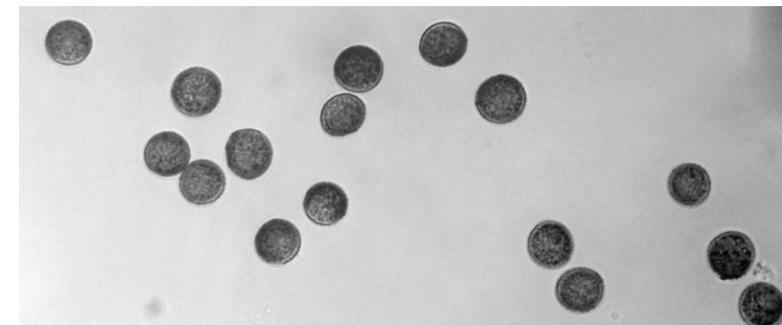
Spores: Yellow. Almost round, warty, hyaline/orangish.

Frequency: Uncommon.

Locations: OTHER.

Notes: Mycobank 201192. Reference uses orthographic variation *P. sparaganioidus*. Another variant is *A. sparaganioides*

Reference: Iowa State University Extension and Outreach (<https://hortnews.extension.iastate.edu/ash-rust>)



SPORES (28.3-28.6 x 29.9-30.3 μm): Dorsey Woods, 5/31/2020, R. Solem.