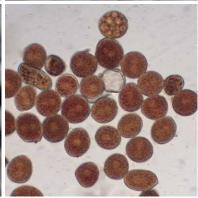
Phragmidium rosae-multiflorae Dietel







OVERALL (on stalk): MPENA, 4/28/2012, *J. Solem.*OVERALL (back of leaf): Dorsey Run Road, 5/11/2018, *J. Solem.*OVERALL (back of leaf): Dorsey Run Road, 5/11/2018, *J. Solem.*URIDIOSPORES (21.2-27.6 x 19.0-25.3 µm): Dorsey Run Road, 5/11/2018, *R. Solem.* 

Multiflora Rose Rust

<u>Phragmidium rosae-multiflorae</u> Phragmidiaceae

J F M A M J J A S O N D +++++

**ID**: Large pustules of bright orange dusty spores.

Habitat: Stems and leaves of Multiflora Rose (Rosa rosae-multiflorae).

**Fruiting Body**: <u>Stems</u>: Distorted young green stems, with large pustules of bright orange dusty spores. <u>Leaves</u>: Yellow spots on the upper surfaces, corresponding to pustules of dusty orange spores on the lower surface. In late summer, the orange pustules turn black. Infected leaves may fall early.

**Uridiospores**: *Red-orange*. Nearly round, thick-walled, brown.

Frequency: Occasional.

Locations: GONRA, HAMVL, MPENA, OTHER(2).

Notes: Mycobank 203481. Spores of Dorsey Run Road specimen are

consistent with species.

References: https://nt.ars-

 $\underline{\text{grin.gov/taxa}} \overline{\text{descriptions/factsheets/index.cfm?thisapp=Phragmidiumrosa}$ 

e-multiflorae