

# Cerotelium dicentrae Mains & Anderson

## *Rust of dutchman's breeches*



R. Healy

### Description:

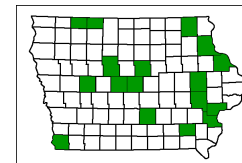
rust

**Fruiting Body:** aecial cups on leaf undersurface of *Dicentra cucullaria*; spermatia on both surfaces of leaf margins on *Dicentra cucullaria*; uredia and telia erumpent from underleaf surfaces of *Urticastrum divaricatum*. **Spores:** aeciospores 12-17 x 13-21  $\mu\text{m}$ , globose to subglobose, verrucose, orange with hyaline wall; uredospores 18-21 x 20-26  $\mu\text{m}$ , ellipsoid, spiny, orange with hyaline walls; teliospores 10-21 x 29-42  $\mu\text{m}$ , 1-3 cells, cylindrical, brown, wall hyaline.

**Diagnostic macroscopic feature:** yellow granular spots on undersurface of dutchman's breeches, brown granular spots on leaf undersurfaces of stinging nettle

**Nutritional Mode:** obligate parasite

**Substrate:** aecia on *Dicentra cucullaria* (L.) Bernh.; obligate parasite with uredia, telia, and basidia on *Urticastrum divaricatum* (L.) Ktze.



common

**Habitat:** woodland

**Fruiting Season:** aecia and spermatia in spring;  
uredia, telia in summer, fall; basidia in spring

**Kingdom:** Fungi

**Phylum:** Basidiomycota

**Order:** Uredinales