

Spring Beauty Rust

*Puccinia mariae-wilsoniae* Clinton



OVERALL: Henryton, PVSP, 5/5/2014, R. Orr.  
 COMPOSITE: PVSP (two locatons), 5/5/2014, R. Orr.  
 (see description of photos under Fruiting Body).

Spring Beauty Rust

*Puccinia mariae-wilsoniae*  
 Pucciniaceae

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

**ID:** Orange, powdery pustules and black structures on leaves of spring beauty.

**Habitat:** On leaves of Virginia Spring Beauty (*Claytonia virginica*).

**Fruiting Body:** "The aecia (yellow structures on leaf) on the upper left of the photo are full of aeciospores which are shown on the lower left. The telia (black structures on the leaf) are shown on the upper right. They are full of teliospores shown on the lower right." (R. Orr *pers.comm.*)

**Aeciospores:** Almost round, warty, hyaline.

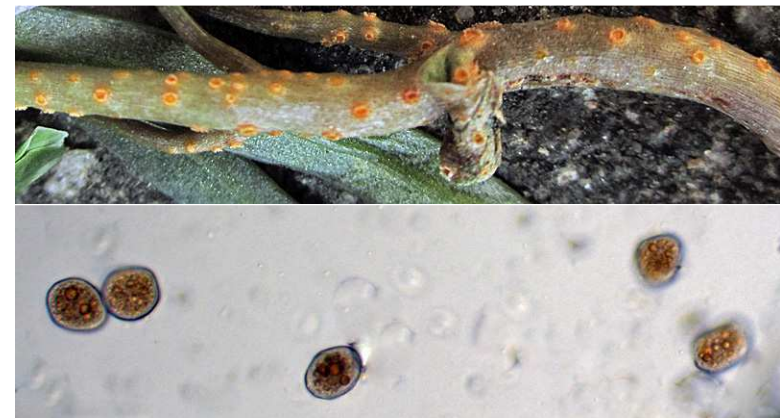
**Teleospores:** Irregularly ellipsoid, 2-celled, warty, brownish walls.

**Frequency:** Occasional.

**Locations:** HAMVL, two locations in PVSP, WINTR.

**Notes:** Mycobank 304698. Wincopin Trail specimen identified by examination of spores by R, Solem

**References:** <http://www.herbarium.iastate.edu/fungi/fungispecies.php?sp=Puccinia+mariae-wilsoniae+Clint.>,  
[https://en.wikipedia.org/wiki/Puccinia\\_mariae-wilsoniae](https://en.wikipedia.org/wiki/Puccinia_mariae-wilsoniae)



OVERALL: Wincopin Trail, 5/1/2018, J. Solem.  
 AECIOSPORES (19.0-21.3 x 14.6-18.3 µm): Wincopin Trail, 5/1/2018, R. Solem.