

**U.S. Department of Agriculture, Agricultural Research Service**  
**Systematic Mycology and Microbiology Laboratory - Nomenclature Fact Sheets**

February 19, 2013

**Puccinia apii Desm. 1823 (Urediniomycetes, Uredinales)**

**Distribution:** USSR, western Europe; Mexico; India; Japan; Tasmania.

**Substrate:** On leaves and petioles of *Apium*.

Updated prior to 1989

**Geographic Distribution and Plant Hosts**

Records of occurrence of *Puccinia apii* on *Apium graveolens* in Brazil, Chile, and Mexico are primarily from indices of fungal pathogens on plant hosts, with little supporting detail (Mujica, 1945; Watson, 1971; Alvarez, 1976; Hennen, 1982; Mendes, 1998). The 19 collections of *P. apii* in SBML herbarium all occurred on *A. graveolens* and there are no reports of any other host in the literature. There is no record of the presence of *P. apii* in the United States, although there is a reference to its occurrence on *A. graveolens* in Nova Scotia (Anon, 1923). This reference is an abstract. I could not locate the original source to confirm this observation.

Alvarez, M.G. 1976. Primer catalogo de enfermedades de plantas Mexicanas. Fitofilo 71:1-169.

Anon. 1923. Report of the Superintendent, Kentville (N.S.) Experimental Station. Canada Dept. Agric. Dominion Exper. Farms 83 pp., 4 figs. in Rev. Appl. Mycol. III:319-320.

Hennen, J.F., Hennen, M.M., and Figueiredo, M.B. 1982. [Index of the rust fungi (Uredinales) of Brazil]. Arch. Inst. Biol. (Sao Paulo), Suppl. 1 49 : 1-201.

Mendes, M.A.S., da Silva, V.L., Dianese, J.C., et al. 1998. Fungos em Plants no Brasil. Embrapa-SPI/Embrapa-Cenargen, Brasilia, 555 pages.

Mujica, F., and Vergara, C. 1945. Flora fungosa Chilena. Indice preliminar de los huespedes de los hongos chilenos y sus referencias bibliograficas. Imprenta Stanley, 199 pages.

Watson, A.J. 1971. Foreign bacterial and fungus diseases of food, forage, and fiber crops. U.S.D.A. Agricultural Research Service :111.

Report written by Erica Cline, 3/18/2005.