

Mini data sheet on *Coleosporium phellodendri*

Added in 1999 - Deleted in 2002

Reasons for deletion:

Coleosporium phellodendri has been included in EPPO Alert List for more than 3 years and during this period no particular international action was requested by the EPPO member countries. In 2002, it was agreed that it could be deleted, considering that sufficient alert has been given.

***Coleosporium phellodendri* - Pine needle rust**

Why	<i>Coleosporium phellodendri</i> came to our attention because it appeared in a list of harmful organisms in the EU derogation (93/452/EEC of 15 July 1993) concerning <i>Pinus</i> plants from Japan.
Where	China (Manchurian forest), Japan, Korea Republic
On which plants	<i>Pinus</i> spp. It is an heteroecious pine rust. It can attack <i>P. densiflora</i> , and <i>Phellodendron amurense</i> (no data on other <i>Pinus</i>).
Damage	Outbreaks are reported in Japan, but data is lacking on damage and biology. Probably growth reduction (mortality?).
Pathway	Plants for planting of <i>Pinus</i> , cut branches.
Possible risks	<i>Pinus</i> are important forest trees in the EPPO region. Only preliminary data was gathered and information is missing on disease severity and extent in Asian forests and on the biology of the pathogen.
Source(s)	Hama, T. (1972) [Needle rust of <i>Pinus densiflora</i> Sieb. et Zucc. caused by <i>Coleosporium phellodendri</i> Komatov in Kiso Valley, Nagano.] Bulletin of the Government Forest Experiment Station, no. 247, 1-13. Hama, T. (1987) [Studies on the important rust diseases of some conifers in the central mountainous region of Japan.] Bulletin of the Forestry and Forest Products Research Institute, no. 343, 1-118. The New York Botanical Garden on INTERNET. http://www.nybg.org/bsci/hcol/rust/melam_1Page2.html

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