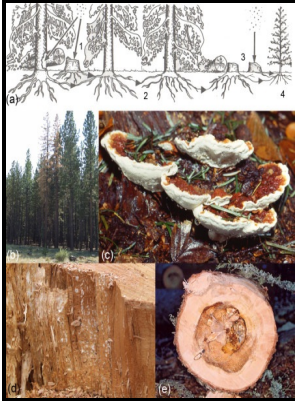


# Species of the genus *Ceratocystis* which occur on coniferous trees.

- - Draft genome sequences for *Ceratocystis fagacearum*, *C. harringtonii*, *Grosmannia penicillata* , and *Huntia bhutanensis*



Description: -

-Species of the genus *Ceratocystis* which occur on coniferous trees.

-Species of the genus *Ceratocystis* which occur on coniferous trees.

Notes: Thesis (M.A.) -- University of Toronto, 1959.

This edition was published in 1959



Filesize: 6.53 MB

Tags: #*Ceratocystis* #species, #including #two #new #species #associated #with #nitidulid #beetles, #on #eucalypts #in #Australia, #Antonie #van #Leeuwenhoek

## ***Ceratocystis fimbriata* (*Ceratocystis blight*)**

Black rot of sunn hemp caused by *Ceratocystis fimbriata*. Their ascospores commonly bud while still in the ascus. On rubber trees *Hevea brasiliensis* , *C.*

## ***Ophiostoma longicollum***

The fungus has two mating types, and MAT-1 isolates can only produce perithecia when paired with MAT-2 isolates. The ascus, produced as a result of cytogamy, is a specialized ascomycote cell in which meiosis takes place, giving rise at maturity to eight cells, ascospores, in a linear arrangement.

## **New species of *ceratocystis* from conifers**

Conjugation is by direct fusion of haploid yeast cells to form a diploid zygote, which undergoes meiosis and forms a meiosporangium ascus. *Ceratocystis fimbriata*, the cause of a stem canker of quaking aspen. Isolates from *Ipomoea* and *Colocasia* were host-specific when inoculated to these two hosts , as were isolates from *Hevea* and *Ipomoea* , and *Coffea* and *Ipomoea*.

## ***Ceratocystis* species, including two new species associated with nitidulid beetles, on eucalypts in Australia, Antonie van Leeuwenhoek**

International Review of Science and Practical Agriculture, 4:184-187. In this study, *Ceratocystis* species were collected from wounds on *Eucalyptus* trees in all the major plantation regions of South Africa, as well as from insects associated with these wounds.

## ***Ophiostoma longicollum***

However, their role in killing trees is poorly understood and deeply debated.

### **Ceratocystis**

Matasci M; Gessler C, 1997.

### **New species of ceratocystis from conifers**

Transactions of the British Mycological Society, 33 1-2 :111-120.

### **Ceratocystis fimbriata**

CABI Compendium: Status as determined by CABI editor.

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