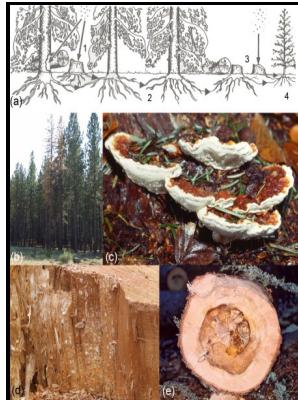


Species of the genus *Ceratocystis* which occur on coniferous trees.

-- Draft genome sequences for *Ceratocystis fagacearum*, *C. harringtonii*, *Grosmannia penicillata*, and *Huntiella 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 ascomycete 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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