



THIS PAGE IS SECURE

Home / Persoonia - Molecular Phylogeny and Evolution of Fungi, Volume 28, June 2012



Fungal trunk pathogens associated with wood decay of almond trees on Mallorca (Spain)

Download Article:



Download
(PDF 1,025 kb)

Authors: Gramaje, D.; Agustí-Brisach, C.; Pérez-Sierra, A.; Moralejo, E.; Olmo, D.; Mostert, L.; Damm, U.; Armengol, J.

Source: Persoonia - Molecular Phylogeny and Evolution of Fungi, Volume 28, June 2012, pp. 1-13(13)

Publisher: Naturalis Biodiversity Center

DOI: <https://doi.org/10.3767/003158512X626155>



[view table of contents](#)

[next article](#)



[ADD TO FAVOURITES](#)

...
Abstract



[References](#)



[Citations](#)



[Supplementary Data](#)



[Article Media](#)



[Metrics](#)



[Suggestions](#)

Severe decline of almond trees has recently been observed in several orchards on the island of Mallorca (Balearic Islands, western Mediterranean Sea). However, the identity of the causal agents has not yet been investigated. Between August 2008 and June 2010, wood samples from branches of almond trees showing internal necroses and brown to black vascular streaking were collected in the Llevant region on the island of Mallorca. Several fungal species were subsequently isolated from the margin between healthy and symptomatic tissue. Five species of *Botryosphaeriaceae* (namely *Botryosphaeria dothidea*, *Diplodia olivarum*, *D. seriata*, *Neofusicoccum australe* and *N. parvum*), *Eutypa lata*, *Phaeoacremonium iraniana* and *Phomopsis amygdali* were identified based on morphology, culture characteristics and DNA sequence comparisons. *Neofusicoccum parvum* was the dominant species, followed by *E. lata*, *D. olivarum* and *N. australe*. First reports from almond include *D. olivarum* and *Pm. iraniana*. Two species are newly described, namely *Collophora hispanica* sp. nov. and *Phaeoacremonium amygdalinum* sp. nov.

Keywords: ALMOND DIEBACK; BOTRYOSPHAERIACEAE; COLLOPHORA; EUTYPA LATA; PHAEOACREMONIUM; PHOMOPSIS AMYGDALI; PRUNUS DULCIS

Document Type: Research Article

Publication date: 2012年6月30日

[More about this publication?](#)

We recommend

Species of *Botryosphaeriaceae* occurring on *Proteaceae*

S. Marincowitz et al., *Persoonia - Molecular Phylogeny and Evolution of Fungi*

Novel *Paraconiothyrium* species on stone fruit trees and other woody hosts

U. Damm et al., *Persoonia - Molecular Phylogeny and Evolution of Fungi*


Fungal Planet description sheets: 625–715

Crous, P.W. et al., *Persoonia - Molecular Phylogeny and Evolution of Fungi*

Fungal Planet description sheets: 69–91

Crous, P.W. et al., Persoonia - Molecular Phylogeny and Evolution of Fungi


Ceratocystis larium sp. nov., a new species from Styrax benzoin wounds associated with incense harvesting in Indonesia
M. van Wyk et al., Persoonia - Molecular Phylogeny and Evolution of Fungi

Sequential treatment with afatinib and osimertinib in patients with EGFR mutation-positive non-small-cell lung cancer: an observational study 
Maximilian J Hochmair, Future Oncology

Preserving Pine's Genetic Heritage 
CSIRO Australia, ScienceDaily

Tree-killing Fungus Officially Named By Scientists 
Southern Research Station - USDA Forest Service, ScienceDaily

MIOCENE WOOD FOSSILS AND PALEOCLIMATE IN INNER MONGOLIA 
TAO Jun-Rong YANG Jia-Jiu WANG Yu-Fei, Plant Diversity

Unusual macrocyclic lactone sex pheromone of Paracoblatta lata, a primary food source of the endangered red-cockaded woodpecker. 
Dorit Eliyahu et al., Proc Natl Acad Sci U S A









Powered by **TREND MD**



Share Content



Access Key

-  Free content
-  Partial Free content
-  New content
-  Open access content
-  Partial Open access content
-  Subscribed content
-  Partial Subscribed content
-  Free trial content

Browse by Publication

Browse by Subject

Browse by Publisher

Advanced Search

About us

Researchers

Librarians

Publishers

New featured titles

Help

Contact us



[Terms and Conditions](#)

[Privacy](#)

[Information for Advertisers](#)

[Cookie Policy](#)