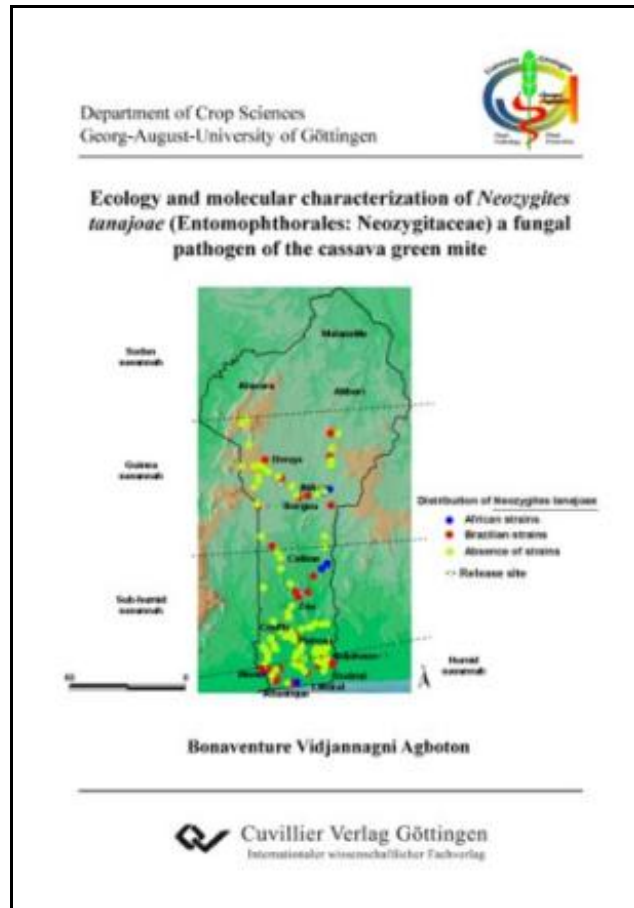


# Ecology and molecular characterization of *Neozygites tanajoae* (Entomophthorales: Neozygitaceae) a fungal pathogen of the cassava green mite



Filesize: 6.48 MB

## Reviews




*This pdf will not be straightforward to get started on studying but really exciting to read. it absolutely was writtern really perfectly and useful. I am just very happy to tell you that this is basically the finest publication i actually have study during my personal daily life and may be he finest ebook for ever. (Miss Lavonne Grady II)*

## ECOLOGY AND MOLECULAR CHARACTERIZATION OF NEOZYGITES TANAJOAE (ENTOMOPHTHORALES: NEOZYGITACEAE) A FUNGAL PATHOGEN OF THE CASSAVA GREEN MITE



To get Ecology and molecular characterization of Neozygites tanajoae (Entomophthorales: Neozygitaceae) a fungal pathogen of the cassava green mite eBook, you should click the button listed below and download the document or get access to additional information which are relevant to ECOLOGY AND MOLECULAR CHARACTERIZATION OF NEOZYGITES TANAJOAE (ENTOMOPHTHORALES: NEOZYGITACEAE) A FUNGAL PATHOGEN OF THE CASSAVA GREEN MITE book.

Cuvillier Verlag Mrz 2009, 2009. Taschenbuch. Book Condition: Neu. 212x147x9 mm. Neuware - For the biological control of the cassava green mite (*Mononychellus tanajoa*, Bondar), Brazilian strains of the entomopathogen *Neozygites tanajoae* were recently introduced into Africa to improve the control achieved by predatory mites. In order to monitor the establishment of the Brazilian strains two PCR primer pairs, NEOSSU\_F / NEOSSU\_R and 8DDC\_F / 8DDC\_R were tested on *N. tanajoae* strains collected from several locations in Brazil and from three countries in Africa, Benin, Ghana and Tanzania. The first primer pair enabled the species-specific detection of *N. tanajoae*, while the second differentiated the Brazilian isolates from those of other geographical origin. The results confirmed that the two primer pairs tested are suitable for the detection of *N. tanajoae* and the differential identification of Brazilian and African strains. PCR can therefore be used to monitor the establishment and spread of the Brazilian strains in Benin and in other African countries where they have been introduced recently in order to improve cassava green mite (CGM) control. In this work the establishment and spread of Brazilian strains of *N. tanajoae* were followed in a countrywide survey in Benin in which a total of 141 cassava fields were inspected. Samples of *M. tanajoa* suspected of being infected by *N. tanajoae* were found in 60 fields distributed between the coastal Southern Forest Mosaic (SFM) and the Northern Guinea Savannah (NGS) zones. PCR analysis of DNA samples extracted from samples from these fields revealed that *N. tanajoae* is well distributed in Benin and that Brazilian strains were effectively established and have spread throughout the country. However, the highest rates of infection due to Brazilian strains were observed in the sub-humid and humid savannah zones of the country. Identification of *N. tanajoae* strains using molecular tools, however, is very costly. Hence, development of alternative techniques is desirable. Therefore, the difference in biocontrol performance and in host ranges was compared to...

-  [Read Ecology and molecular characterization of Neozygites tanajoae \(Entomophthorales: Neozygitaceae\) a fungal pathogen of the cassava green mite Online](#)
-  [Download PDF Ecology and molecular characterization of Neozygites tanajoae \(Entomophthorales: Neozygitaceae\) a fungal pathogen of the cassava green mite](#)
-  [Download ePUB Ecology and molecular characterization of Neozygites tanajoae \(Entomophthorales: Neozygitaceae\) a fungal pathogen of the cassava green mite](#)

## You May Also Like



### [PDF] Psychologisches Testverfahren

Follow the web link listed below to download "Psychologisches Testverfahren" PDF file.

[Download Document »](#)



### [PDF] Programming in D

Follow the web link listed below to download "Programming in D" PDF file.

[Download Document »](#)



### [PDF] Adobe Indesign CS/Cs2 Breakthroughs

Follow the web link listed below to download "Adobe Indesign CS/Cs2 Breakthroughs" PDF file.

[Download Document »](#)



### [PDF] Have You Locked the Castle Gate?

Follow the web link listed below to download "Have You Locked the Castle Gate?" PDF file.

[Download Document »](#)



### [PDF] The Java Tutorial (3rd Edition)

Follow the web link listed below to download "The Java Tutorial (3rd Edition)" PDF file.

[Download Document »](#)



### [PDF] The Monster Next Door - Read it Yourself with Ladybird: Level 2

Follow the web link listed below to download "The Monster Next Door - Read it Yourself with Ladybird: Level 2" PDF file.

[Download Document »](#)



**[PDF] Sly Fox and Red Hen - Read it Yourself with Ladybird: Level 2 (Paperback)**

Follow the web link listed below to read "Sly Fox and Red Hen - Read it Yourself with Ladybird: Level 2 (Paperback)" PDF file.

[Read PDF »](#)



**[PDF] Read Write Inc. Phonics: Green Set 1 Storybook 10 Stitch the Witch (Paperback)**

Follow the web link listed below to read "Read Write Inc. Phonics: Green Set 1 Storybook 10 Stitch the Witch (Paperback)" PDF file.

[Read PDF »](#)



**[PDF] The Water Goblin, Op. 107 / B. 195: Study Score (Paperback)**

Follow the web link listed below to read "The Water Goblin, Op. 107 / B. 195: Study Score (Paperback)" PDF file.

[Read PDF »](#)



**[PDF] Read Write Inc. Phonics: Green Set 1 Storybook 1 on the Bus (Paperback)**

Follow the web link listed below to read "Read Write Inc. Phonics: Green Set 1 Storybook 1 on the Bus (Paperback)" PDF file.

[Read PDF »](#)



**[PDF] Programming in D: Tutorial and Reference (Paperback)**

Follow the web link listed below to read "Programming in D: Tutorial and Reference (Paperback)" PDF file.

[Read PDF »](#)



**[PDF] America s Longest War: The United States and Vietnam, 1950-1975 (Paperback)**

Follow the web link listed below to read "America s Longest War: The United States and Vietnam, 1950-1975 (Paperback)" PDF file.

[Read PDF »](#)