

## AGRETIOUS THOMAS K

Assistant Professor, Department of Botany

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**Academic Qualifications** : M Sc, M Phil, Ph D

**Specialization** : Botany, Mycology, Plant Tissue Culture

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**Teaching experience** : 18 years; 9 Years in the present position.

**Membership in Academic bodies** : Member, Board of Studies (UG) in Botany, Kannur  
University (2013-17)

**Areas of Research** : Fungal floristics, Tissue culture

### **New Taxa published**

**New Genus described** : *Anamika* K.A.Thomas, Peintner, M.M.Moser, Manim.

**New species described** : *Agrocybe calicutensis* K.A.Thomas & Manim.

*Agrocybe guruvayoorensis* K.A.Thomas & Manim.

*Agrocybe munnarensis* K.A.Thomas & Manim.

*Agrocybe wayanadensis* K.A.Thomas & Manim.

*Anamika indica* K.A.Thomas, Peintner, M.M.Moser, Manim.

*Conocybe brunneoaurantiaca* K.A.Thomas, Hausknect & Manim.

*Conocybe pseudopubescens* K.A.Thomas, Hausknect & Manim.

*Conocybe radicans*. K.A.Thomas, Hausknect & Manim.

*Conocybe solitaria* K.A.Thomas, Hausknect & Manim.

*Conocybe volvata*. K.A.Thomas, Hausknect & Manim.

*Cortinarius conopileus* K.A.Thomas,Peintner,M.M.Moser, Manim.

*Cortinarius keralensis* K.A.Thomas,Peintner,M.M.Moser, Manim.

*Cortinarius phlegmophorus* K.A.Thomas, *et al.*

*Gloiocephala resinopunctata* Manimohan & K.A.Thomas

*Gymnopilus terricola* K.A.Thomas, Guzm.-Dáv. & Manim.

*Pholiota bambusina* K.A.Thomas & Manim.

*Pholiotina indica* K.A.Thomas & Manim.

*Psilocybe keralensis* K.A.Thomas, Manim. & Guzmán

*Psilocybe wayanadensis* K.A.Thomas, Manim. & Guzmán

## Research papers in peer-reviewed journals

### MYCOLOGY

1. Manimohan, P. & **Thomas, K. A.** (1998). A new species of *Gloiocephala* from India. **Mycotaxon** 69: 87- 91.
2. **Thomas, K. A.** & Manimohan, P. (2001). A new species of *Pholiota* from India. **Mycotaxon** 78: 181- 184.
3. **Thomas, K. A.**, Hauknecht, A. & Manimohan, P. (2001) Bolbitiaceae of Kerala State, India: New species and new and noteworthy records. **Oster. Z. Pilzk.** 10: 87- 141.
4. **Thomas, K. A.**, Peintner. U., Moser, M. M. & Manimohan, P. (2002). Anamika, a new mycorrhizal genus of Cortinariaceae from India and its phylogenetic position based on ITS and LSU sequences. **Mycological Research** 106 (2): 245- 251.
5. **Thomas, K. A.** & Manimohan, P., Guzman, G., Tapia, F. & Ramirez-Guillen, F. (2002). The genus *Psilocybe* in Kerala State, India. **Mycotaxon** 83: 195- 2007.
6. **Thomas, K. A.**, Guzman-Davalos,L. & Manimohan, P. (2003). A new species and new records of *Gymnopilus* from India. **Mycotaxon** 85: 297- 305.
7. **Thomas, K. A.** & Manimohan, P. (2003). The genus *Agrocybe* in Kerala State, India. **Mycotaxon** 86: 317- 333.
8. Peintner, U., Moser, M. M., **Thomas, K. A.** & Manimohan, P. (2003). First records of ectomycorrhizal *Cortinarius* species (Agaricales, Basidiomycetes) from tropical India and their phylogenetic position based on rDNA ITS sequences. **Mycological Research** 107 (4): 485- 494.
9. Manimohan, P., **Thomas, K. A.** & Nisha, V. S. (2007). Agarics on Elephant dung in Kerala State, India. **Mycotaxon** 99: 147- 157.
10. Thomas, K. A. & Prasanth, K. P. (2017). A new record of the genus *Crepidotus* (Crepidotaceae, fungi) from India. *Kong. Res. J.*4(1): 73-74.

## PLANT TISSUE CULTURE

1. **Thomas, K.A.**, Martin, K. P. & Hariharan, M. (1996). *In vitro* clonal multiplication of *Alpinia calcarata* Rosc. **Phytomorphology** 46 (2): 133- 138.
2. Martin, K. P., **Thomas, K.A.** & Hariharan, M. (2002). Organogenesis and plant regeneration from rhizome callus of *Alpinia calcarata* Rosc. **Journal of Medicinal and Aromatic Plant Sciences** 24: 6- 11.