



Miss Monthien Phonemany

Center of Excellence in Fungal Research, School of Science, Mae Fah Luang University, Thailand

Country: Laos

Background of educations:

Graduated from the National University of Lao (Bachelor of Science in National University of Laos, Faculty Natural of Science, Biology department (**Special project:** Termotolerant Acetic Acid at the National Protected Areas Nam ad and Phouheephee).

Current status:

Student in Doctor of Philosophy Program in Biological Science, the major is Biological Science under **thesis title:** Diversity, Phylogeny and Applications of Pleurotoid (Basidiomycetes) from Laos and Thailand.

Responsibilities:

- Managing curator of the GMS mushrooms webpage.
- Represent Laos students in Center of Excellence in Fungal Research.

Publications as first author:

- Phonemany, M., Raspé, O., Sysouphanthong, P., Niego, A.G., Niego, T., Thongklang, N., Chuankid, B. Hyde, K.D. (2021) Two *Pleurotus* Species (Pleurotaceae) From Lao People's Democratic Republic. *Chiang Mai Journal of Science* Vol.48: 1224-1235.
- Phonemany, M., Ragoonundon, B., Luangharn, T., Tang, S.M., Hyde, K.D. & Thongklang, N. (2021) A mini review on the potential pharmacological properties, cultivation, and market value of edible *Lentinus* mushrooms (Polyporaceae). *Fungal Biotech* 1(2): 49-64. Doi 10.5943/FunBiotec/1/2/4.
- Phonemany, M., Niego, A.G.T., Karunarathna, S.C., Hu, Y., et al. (2022) <https://gmsmushrooms.org>: A Comprehensive Online Database of Mushrooms in the Greater Mekong Sub Region. *Chiang Mai J. Sci.* 2022; 49(3): 538-550.

Publications as co-author:

- Niego, A.G.T., Sysouphanthong, P., Thongklang, N., Hyde, K.D., Phonemany, M., Phookamsak, R. and Raspe, O., 2021. A new species of *Volvariella* and the first record of *Volvariella pulla* (Agaricales: incertae sedis) from Thailand. *Phytotaxa*, 480(3), pp.237-250.
- Ragoonundon, B., Gonkhom, D., Phonemany, M., Luangharn, T., Thongklang, N. (2021) Nutritional content, nutraceutical properties, cultivation methods and economical importance of *Lentinula*: a review. *Fungal Biotech* 1(2): 88-100 (2021).
- Ragoonundon, B., Davoodian, N., Phonemany, M. and Raspé, O., 2021. *Tylocinum* is no longer monotypic: *Tylocinumbrevisporum* sp. nov. (Boletales, Boletaceae) from northern Thailand. *Biodiversity Data Journal*, 9.
- Manawasinghe, IS., Calabon, MS., Jones, EBG., Zhang, Y. et al. 2022 *Mycosphere notes* 325-368. *Mycosphere* 13(1): 454 557.

Experiences:

- Certificate of Training in Biotechnology and Ecology institute, Ministry of Science and Technology, during 19 February - 30 March 2018.
- Certificate of the workshop of exploitation and utilization of edible mushroom resources from ASEAN region for “one belt one road” developing countries held at institute of microbiology Chinese academy of sciences 10-29 September 2019, Beijing.