

Curriculum Vitae

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Education

2020.8 – 2025.12 School of Science, Mae Fah Luang University (Thailand)

Major: Biological Sciences

2016. 9 – 2020.6 College of Biodiversity Conservation, Southwest Forestry University

Major: Forest Protection

Research

- Taxonomy, phylogeny and importance of Cave and Bat Fungi;
- Taxonomy and phylogeny of Animal Fungi;
- Taxonomy and phylogeny of Plant Pathogenic Fungi in Yunnan Province.

Publications

1. **Liu XF**, Tibpromma S, Chethana KWT, Lu L, Hyde KD, Lu WH, Xu RF, Chen XM, Zhang X, Chen MX, Xiao XJ, Zhao CL, Du TY, Dai DQ, Al-Arjani A-BF, Elgorban AM, Suwannarach N, Kumla J, Yu FQ, Wang MM*, Karunarathna SC*. (2026) Culturable mycota from Karst caves in Yunnan Province, China. **IMA Fungus** 17: e190343.
2. **Liu XF**, Chen M, Ye SY, Zhao CL*, Shen S*. (2026). Morphology and multi-locus phylogeny reveal a new *Rhamphoriopsis* species from Guizhou Province, China. **Phytotaxa** 756(2): 138–150.
3. **Liu XF**, Tibpromma, S, Hyde KD, Bhat DJ, Dai DQ, Elgorban, AM, Chethana, KWT*, Karunarathna, SC*.

- (2026). *Paracremonium yunnanense* (Sordariomycetes), a new fungus from swallow cave in Yunnan Province, China. **New Zealand Journal of Botany** 64: e70024.
4. **Liu XF**, Tibpromma, S, Gautam, AK, Suwannarach, N, Elgorban, AM, Chuksatirote E, Chethana, KWT*, Karunarathna, SC*. (2025). A novel species and a new host record of *Trichoderma* from caves in Yunnan Province, China. **Phytotaxa** 694 (2): 119–143.
 5. **Liu XF**, Karunarathna SC, Tibpromma S, Chethana KWT, Hyde KD, Elgorban AM, Suwannarach N, Kumla J, Mortimer PE*, Hughes AC*. (2024). Understanding the role of bats as fungal vectors in the environment. **IMA Fungus** 15: 28.
 6. **Liu XF**, Tibpromma S, Hughes AC, Hyde KD, Elgorban AM, Al-Rejaie SS, Chethana KWT*, Samantha C. Karunarathna SC*. (2024). Living with bats: polyphasic approach reveals a new *Fusarium* species in Yunnan Province, China. **New Zealand Journal of Botany** 63: 1–18.
 7. **Liu XF**, Tibpromma, S*, Karunarathna SC, Chethana KWT, Lu L, Dai DQ, Elgorban AM, Hyde KD*. (2024). Morphology and multi-gene phylogeny reveal a new *Brunneofusispora* species from coffee in Yunnan Province, China. **Phytotaxa** 634 (1): 016–030.
 8. **Liu XF**, Tibpromma S, Hughes AC*, Chethana KWT, Wijayawardene NN, Dai DQ, Du TY, Elgorban AM, Stephenson SL, Suwannarach N, Xu JC, Lu L, Xu RF, Maharachchikumbura SSN, Zhao CL, Bhat DJ, Sun YM, Karunarathna SC*, Mortimer PE*. (2023) Culturable mycota on bats in central and southern Yunnan Province, China. **Mycosphere** 14 (1): 497–662.
 9. **Liu XF**, Tibpromma S, Xu JC, Kumla J, Karunarathna SC*, Zhao CL*. (2021) Taxonomy and Phylogeny Reveal Two New Potential Edible Ectomycorrhizal Mushrooms of *Thelephora* from East Asia. **Diversity** 13: 646.
 10. **Liu XF**, Tibpromma S, Zhang F, Xu JC, Chethana KMT, Karunarathna SC*, Mortimer PE*. (2021). *Neopestalotiopsis cavernicola* sp. nov. from Gem Cave in Yunnan Province, China. **Phytotaxa** 512 (1): 001–027.
 11. **Liu XF**, Shen S, Zhao CL*. (2019) Morphological and molecular identification of a new species of *Eichleriella* (Auriculariales, Basidiomycota) in China. **Phytotaxa** 404: 245–254.
 12. Zhao CL*, Gu ZR, Xu XM, **Liu XF*** (2026) Morphological and phylogenetic analyses revealed *Fissuracium ellipsoideum* gen. et sp. nov. (Amylocorticiaceae, Amylocorticiales) from southwest China. **MycoKeys** 133: 301–322.
 13. Zhao CL, Li Q, **Liu XF*** (2026) Morphological and molecular identification of two new wood inhabiting species (Russulales, Basidiomycota) from China. **MycoKeys** 131: 265–286.
 14. Deng Y L, Dou Y, Wang K, Chen M, Xu XM, Zhao CL*, **Liu XF***. (2026). *Vararia subtropica* sp. nov. (Peniophoraceae, Russulales), a coriaceous fungus from Yunnan Province, SW China. **Phytotaxa** 768(1): 22–38.