Asian Journal of Mycology News

The Mushroom Research Foundation

The Mushroom Research Foundation (MRF), established in 2000 is a non-profit organization whose aim is to promote the study of fungal diversity throughout northern Thailand and Asia by training students from the region at the higher degree level. For more information, please follow the link: http://www.mushroomresearchcentre.com/

Numerous students at the Center of Excellence in Fungal Research (CEFR) have been funded by MRF through biodiversity collaborations. Presently, there are more than 40 PhD students with more than seven graduating each year. In 2018, the CEFR published around 120 research articles in international journals. In this regard, the Center of Excellence in Fungal Research gratefully acknowledges The Mushroom Research Foundation for all of its contributions and support.
Several research projects are supported by MRF and emphasize on fungal taxonomy and phylogeny and thus the MRF goals are being fulfilled as taxonomic expertise of fungi is increasing in the region. In this news, ten outstanding students are selected and their research achievements in 2018 are reported.

Dr. Saowaluck Tibpromma

Current position: Postdoctoral Researcher at Kunming Institute of Botany, Chinese Academy of Sciences, Kunming, China

Research project: Biodiversity, phylogeny and ecological roles of fungi associated with Pandanaceae

Publications in 2018:

1. Tibpromma, S., Hyde, K. D., Bhat, J. D., Mortimer, P. E., Xu, J., Promputtha, I., ... & Karunarathna, S. C. (2018). Identification of endophytic fungi from leaves of Pandanaceae based on their morphotypes and DNA sequence data from southern Thailand. *MycoKeys*, *33*, 25–67.

2. Tibpromma, S., Hyde, K. D., McKenzie, E. H., Bhat, D. J., Phillips, A. J., Wanasinghe, D. N., ... & Doilom, M. (2018). Fungal diversity notes 840–928: micro–fungi associated with Pandanaceae. *Fungal Diversity*, *93*, 1–160.

Dr. Dhanushka Nadeeshan Wanasinghe

Current position: Postdoctoral Researcher at Kunming Institute of Botany, Chinese Academy of Sciences, Kunming, China

Research project: Taxonomic systematics of Dothideomycetes with brown muriform spores

Publications in 2018:

1. Wanasinghe, D. N., Jeewon, R., Jones, E. G., Boonmee, S., Kaewchai, S., Manawasinghe, I. S., ... & Hyde, K. D. (2018). Novel palmicolous taxa within Pleosporales: multigene phylogeny and taxonomic circumscription. *Mycological Progress*, *17*, 571–590.

2. Wanasinghe, D. N., Jeewon, R., Peršoh, D., Jones, E. B. G., Camporesi, E., Bulgakov, T. S., ... & Hyde, K. D. (2018). Taxonomic circumscription and phylogenetics of novel didymellaceous taxa with brown muriform spores. *Studies in Fungi*, *3*, 152–175.

3. Wanasinghe, D. N., Phukhamsakda, C., Hyde, K. D., Jeewon, R., Lee, H. B., Jones, E. G., ... & Karunarathna, S. C. (2018). Fungal diversity notes 709–839: taxonomic and phylogenetic contributions to fungal taxa with an emphasis on fungi on *Rosaceae*. *Fungal Diversity*, *89*, 1–236.

Ms. Subashini Chathumini Don

Current position: Ph.D. student at CEFR

Research project: Diversity and phylogeny of Dothideomycetes on wild seeds and fruits

Publications in 2018:

1. Jayasiri, S. C., Hyde, K. D., Jones, E. B. G., Peršoh, D., Camporesi, E., & Kang, J. C. (2018). Taxonomic novelties of hysteriform Dothideomycetes. *Mycosphere*, *9*, 803–837.

2. Jayasiri, S. C., Hyde, K. D., Jones, E. B. G., Xu, J., & Karunarathna, S. C. (2018). Seed decaying Dothideomycetes in Thailand: *Zeloasperisporium pterocarpi* sp. nov.,(Zeloasperisporiaceae, Zeloasperisporiales) on carpel of *Pterocarpus* sp.(Fabaceae) seed pod. *Asian Journal of Mycology*, *1*, 106–113.

Ms. Rekhani Hansika Perera

Current position: Ph.D. student at CEFR

Research project: Taxonomy and phylogeny of selected families of Sordariomycetes with emphasis on seeds and fruits

Publications in 2018:

1. Perera, R. H., Hyde, K. D., Dissanayake, A. J., Jones, E. B., Liu, J. K., Wei, D., & Liu, Z. Y. (2018). *Diaporthe collariana* sp. nov., with prominent collarettes associated with *Magnolia champaca* fruits in Thailand. *Studies in Fungi*, *3*, 141–151.

2. Perera, R. H., Hyde, K. D., Jones, E. B. G., Liu, J. K., & Liu, Z. Y. (2018) Additions to wild seed and fruit fungi 2: *Parascedosporium putredinis*: a new Thailand record from *Delonix regia* seed pods. *Studies in Fungi*, *3*, 192–201.

3. Perera, R. H., Hyde, K. D., Peršoh, D., Jones, E. B. G., Liu, J. K., & Liu, Z. Y. (2018). Additions to wild seed and fruit fungi 1: The sexual morph of *Diaporthe rosae* on *Magnolia champaca* and *Senna siamea* fruits in Thailand. *Mycosphere*, *9*, 256–270.

4. Perera, R. H., Maharachchikumbura, S. S., Hyde, K. D., Bhat, D. J., Camporesi, E., Jones, E. G., ... & Liu, Z. Y. (2018). An appendage–bearing coelomycete *Pseudotruncatella arezzoensis* gen. and sp. nov. (Amphisphaeriales genera *incertae sedis*) from Italy, with notes on *Monochaetinula*. *Phytotaxa*, *338*, 177–188.

Ms. Shike Huang

Current position: Ph.D. student at CEFR

Research project: Taxonomic and phylogenetic study on selected taxa of Sordariomycetes

Publications in 2018:

1. Huang, S. K., Jeewon, R., Hyde, K. D., Bhat, D. J., & Wen, T. C. (2018). Novel Taxa within Nectriaceae: *Cosmosporella* gen. nov. and *Aquanectria* sp. nov. from Freshwater Habitats in China. *Cryptogamie Mycologie*, *39*, 169–193.

2. Huang, S. K., Jeewon, R., Hyde, K. D., Bhat, D. J., Chomnunti, P., & Wen, T. C. (2018). Beta–tubulin and Actin gene phylogeny supports *Phaeoacremonium ovale* as a new species from freshwater habitats in China, *MycoKeys*, *41*, 1–15.

3. Huang, S. K., Maharachchikumbura, S. S., Jeewon, R., Bhat, D. J., Chomnunti, P., Hyde, K. D., & Lumyong, S. (2018). Morphological and molecular taxonomy of *Jahnula dianchia* sp. nov. (Jahnulales) from submerged wood in Dianchi Lake, Yunnan China. *Mycological Progress*, *17*, 547–555.

4. Huang, S. K., Maharachchikumbura, S. S., Jeewon, R., Bhat, D. J., Phookamsak, R., Hyde, K. D.,, & Kang, J. (2018). *Lecanicillium subprimulinum* (Cordycipitaceae, Hypocreales), a novel species from Baoshan, Yunnan. *Phytotaxa*, *348*, 099–108.

Ms. Anusha Hasini Ekanayaka

Current position: Ph.D. student at CEFR

Research project: Taxonomic and phylogenetic relationships of discomycetes emphasizing on Pezizomycetes and Leotiomycetes

Publications in 2018:

1. Ekanayaka, A. H., Hyde, K. D., Jones, E. B. G., & Zhao, Q. (2018). Orbiliaceae from Thailand. *Mycosphere*, *9*, 155–168.

2. Ekanayaka, A. H., Hyde, K. D., Jones, E. G., & Zhao, Q. (2018). Taxonomy and phylogeny of operculate discomycetes: Pezizomycetes. *Fungal Diversity*, *90*, 161–243.

Mr. Chuangen Lin

Current position: Ph.D. student at CEFR

Research project: Towards a natural classification of hyaline-spored hyphomycetes

Publications in 2018:

1. Lin, C. G., Mckenzie, E. H., Bhat, D. J., Liu, J. K., Hyde, K. D., & Lumyong, S. (2018). *Pseudodactylaria brevis* sp. nov. from Thailand confirms the status of Pseudodactylariaceae. *Phytotaxa*, *369*, 241–250.

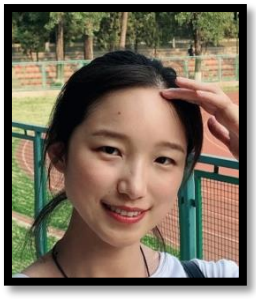
Mr. Ning-Guo Liu

Current position: Ph.D. student at CEFR

Research project: Towards a natural classification of brown-spored hyphomycetes

Publications in 2018:

1. Liu, N. G., Lin, C. G., Liu, J. K., Samarakoon, M. C., Hongsanan, S., Bhat, D. J., ... & Jumpathong, J. (2018). Lentimurisporaceae, a new pleosporalean family with divergence times estimates. *Cryptogamie Mycologie*, *39*, 259–283.



Ms. Jing Yang

Current position: Ph.D. student at CEFR

Research project: Phylogeny and taxonomy of freshwater fungi from Karst regions in China and Thailand

Publications in 2018:

1. Yang, J., Liu, J. K., Hyde, K. D., Jones, E. G., & Liu, Z. Y. (2018). New species in *Dictyosporium*, new combinations in *Dictyocheirospora* and an updated backbone tree for Dictyosporiaceae. *MycoKeys*, *36*, 83–105.

2. Yang, J., Liu, N. G., Liu, J. K., Hyde, K. D., Jones, E. B. G., & Liu, Z. Y. (2018). Phylogenetic placement of *Cryptophiale*, *Cryptophialoidea*, *Nawawia*, *Neonawawia* gen. nov. and *Phialosporostilbe*. *Mycosphere*, *9*, 1132–1150.

3. Yang, J., Maharachchikumbura, S. S., Liu, J. K., Hyde, K. D., Jones, E. G., Al-Sadi, A. M., & Liu, Z. Y. (2018). *Pseudostanjehughesia aquitropica* gen. et sp. nov. and *Sporidesmium sensu lato* species from freshwater habitats. *Mycological Progress*, *17*, 591-616.

Mr. Danushka Sandaruwan Tennakoon

Current positio: Ph.D. student at CEFR

Research project: Taxonomy and phylogeny of microfungi in leaf litter and their succession with emphasis on host specificity

Publications in 2018:

1. Tennakoon, D. S., Jeewon, R., Kuo, C. H., & Hyde, K. D. (2018). Phylogenetic and morphological characterization of *Byssosphaeria macarangae* sp. nov., and *B. taiwanense* sp. nov. from *Macaranga tanarius*. *Phytotaxa*, *364*, 211–226.

2. Tennakoon, D. S., Kuo, C. H., Jeewon, R., Thambugala, K. M., & Hyde, K. D. (2018). Saprobic Lophiostomataceae (Dothideomycetes): *Pseudolophiostoma mangiferae* sp. nov. and *Neovaginatispora fuckelii*, a new record from *Mangifera indica*. *Phytotaxa*, *364*, 157–171.

3. Tennakoon, D. S., Phookamsak, R., Kuo, C. H., Goh, T. K., Jeewon, R., & Hyde, K. D. (2018). Morphological and phylogenetic evidence reveal *Fissuroma taiwanense* sp. nov. (Aigialaceae, Pleosporales) from *Hedychium coronarium*. *Phytotaxa*, *338*, 265–275.