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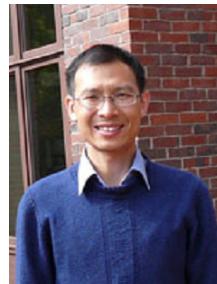
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## 植物学专业



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## 毕业论文

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### 学历及学位:

2002.9-2008.1: 中国科学院研究生院/昆明植物研究所, 真菌系统学, 获理学博士学位

1993.9-1997.7: 云南大学理学学士学位, 微生物学, 获理学学士学位

### 主要工作经历:

2010.3- 今: 中国科学院昆明植物研究所, 任副研究员, 从事真菌多样性及分子系统学、菌根生态学、生物地理学研究

2012.4-2013.4: 美国佛罗里达大学 (University of Florida) 博士后, 从事真菌多样性及菌根生太学研究

2008.9-2009.9: 美国哈佛大学 (Harvard University) , 博士后, 从事真菌多样性及分子系统学研究

2008.1-2010.3: 中国科学院昆明植物研究所, 任助理研究员, 从事真菌多样性及分子系统学研究

2006.1-2006.3: 美国哈佛大学 (Harvard University) , 访问学者, 从事真菌多样性及分子系统学研究

2003.11-2004.3: 美国克拉克大学 (Clark University) , 访问学者, 从事真菌多样性及分子系统学研究

1997.7-2002.7: 云南省农业科学院, 任研究实习员、助理研究员, 从事植物种质资源引种、鉴定和筛选研究

### 研究领域:

真菌分类及分子系统学、菌根生态学、生物地理学

### 获奖及荣誉:

2003年获云南省科技进步三等奖一项 (排名第二)

2006年获得 “中国科学院刘永龄奖学金”

### 代表论著:

#### 发表论文 (2005年至今) :

1. Ge ZW, Jacobs A, Vellinga EC, Sysouphanthong P, van der Walt R, Lavorato C, An Y-F, Yang ZL. 2018. A multi-gene phylogeny of *Chlorophyllum* (Agaricaceae, Basidiomycota): new species, new combination and infrageneric classification. Mycokeys (in press).
2. Xu F, Ge ZW, LoBuglio KF, Pfister DH. 2018. *Otidea* species from China, three new species with comments on some previously described species. Mycological Progress 17: 77–88.

3. **Ge Z-W**, Brenneman T, Bonito G, Smith ME. 2017. Soil pH and mineral nutrients strongly influence truffles and other ectomycorrhizal fungi associated with commercial pecans (*Carya illinoiensis*). *Plant and Soil* 418: 493–505.
4. **Ge ZW**, Yang ZL. 2017. *Pseudolepiota zangmu* gen. et sp. nov. (Agaricaceae, Basidiomycota), a new white-spored mushroom from China. *Phytotaxa* 312 (2): 247-255. <https://doi.org/10.11646/phytotaxa.312.2.7>
5. Bang Feng B, Liu JW, Xu J, Zhao K, **Ge ZW**, Yang ZL. 2017. Ecological and physical barriers shape genetic structure of the Alpine porcini (*Boletus reticulatus*). *Mycorrhiza* 27: 261–272. DOI 10.1007/s00572-016-0751-y
6. Orihara T, Lebel T, **Ge Z-W**, Smith ME, Maekawa N. 2016. Evolutionary history of the sequestrate genus *Rossbeevera* (Boletaceae) reveals a new genus *Turmalinea* and highlights the utility of ITS minisatellite-like insertions for molecular identification. *Persoonia* 37: 173–198.
7. Yu F, Liang J-F, **Ge Z-W**, Li YK. 2016. Morphological and molecular evidence for a new species of *Leucoagaricus* from China. *Sydowia* 68: 41–47.
8. Hosen MI, Li TH, **Ge Z-W**, Vellinga EC. 2016. *Lepiota bengalensis*, a new species of *Lepiota* section *Lilaceae* from Bangladesh. *Sydowia* 68: 187-192.
9. **Ge Z-W**, Qasim T, Yang ZL, Nawaz R, Khalid AN, Vellinga EC. 2015. Four new species in *Leucoagaricus* (Agaricaceae, Basidiomycota) from Asia. *Mycologia* 107(5): 1033–1044. DOI: 10.3852/14-351.
10. **Ge Z-W**, Liu XB, Zhao K, Yang ZL. 2015. Species diversity of *Flammulina* in China: new varieties and a new record. *Mycosistema* 34 (4): 589-603.
11. Lavorato C, Vizzini A, **Ge Z-W**, Contu M. 2015. Redescription of *Clitocybe umbrinopurpurascens* (Basidiomycota, Agaricales) and revision of *Neohygrophorus* and *Pseudoomphalina*. *Phytotaxa* 219 (1): 043-057.
12. Xu J, Li TH, Justo A, **Ge ZW**. 2015. Two new species of *Pluteus* (Agaricales, Pluteaceae) from China. *Phytotaxa* 219 (1): 061-068.
13. **Ge ZW**, Yang ZL, Pfister DH, Carbone M, Bau T, Smith ME. 2014. Multigene molecular phylogeny and biogeographic diversification of the earth tongue fungi in the genera *Cudonia* and *Spathularia* (Rhytismatales, Ascomycota). *PLoS ONE* 9(8): e103457. doi:10.1371/journal.pone.0103457.

14. **Ge ZW**, Smith ME. 2013. Phylogenetic analysis of rDNA sequences indicates that the sequestrate *Amogaster viridiglebus* is derived from within the agaricoid genus *Lepiota* (*Agaricaceae*). *Mycological Progress* 12 (1): 151-155.
15. Healy RA, Smith ME, Bonito GM, Pfister DH, **Ge ZW**, Guevara GG, Williams G, Stafford K, Kumar L, Lee T, Hobart C, Trappe J, Vilgalys R, McLaughlin DJ. 2013. High diversity and widespread occurrence of mitotic spore mats in ectomycorrhizal *Pezizales*. *Molecular ecology* 22(6): 1717-1732.
16. **Ge ZW**, Chen ZH, Yang ZL. 2012. *Macrolepiota subcitrifolia* sp. nov., a new species with yellowish lamellae from southwest China. *Mycoscience* 53 (4): 284-289.
17. **Ge ZW**, Smith ME, Zhang QY, Yang ZL. 2012. Two species of the Asian endemic genus *Keteleeria* form ectomycorrhizas with diverse fungal symbionts in southwestern China. *Mycorrhiza* 22:403-408.
18. Schoch CL, ..., **Ge ZW**, ..., Schindel D. 2012. Nuclear ribosomal internal transcribed spacer (ITS) region as a universal DNA barcode marker for Fungi. *Proc Natl Acad Sci USA*, 109: 6241-6246. Doi/10.1073/pnas.1117018109
19. Orihara T, Smith ME, **Ge ZW**, Maekawa N. 2012. *Rossbeevera yunnanensis* (*Boletaceae*, *Boletales*), a new sequestrate species from southern China. *Mycotaxon* 120: 139-147. DOI: 10.5248/120.139.
20. Hosen I, Ge ZW. 2011. *Clarkeinda trachodes* (*Agaricales*, *Basidiomycetes*), first record from Bangladesh. *Mycotaxon* 118: 331-336.
21. **Ge ZW**, Yang ZL, Vellinga EC. 2010. The genus *Macrolepiota* (*Agaricaceae*, *Basidiomycota*) in China. *Fungal Diversity* 45: 81-98.
22. **Ge ZW**. 2010. *Leucoagaricus orientiflavus*, a new yellow lepiotoid species from southwestern China. *Mycotaxon* 111: 121-126.
23. Liang JF, Yang ZL, Xu JP, **Ge ZW**. 2010. Two new unusual *Leucoagaricus* species (*Agaricaceae*) from tropical China with blue-green staining reactions. *Mycologia*, 102(5): 1141-1152.
24. **Ge ZW**, Yang ZL, Zhang P, Matheny PB and Hibbett DS, 2008. *Flammulina* species from China inferred by morphological and molecular data. *Fungal Diversity* 32 (2): 59-68.
25. **Ge ZW**, Yang ZL and Chen CM 2008. A new species of the genus *Hymenagaricus* (Basidiomycetes) from Taiwan and its phylogenetic position inferred from ITS and nLSU sequences. *Cryptogamie Mycologie* 29 (3): 259-265.

26. Yang ZL and Ge ZW. 2008. *Phallogaster saccatus* (Basidiomycetes, Fungi), first record from East Asia. *Acta Botanica Yunnanica*. 30(2): 147-150.
27. Matheny PB, Wang Z, Binder M, Curtis JM, Lim YW, Nilsson RH, Hughes KW, Hofstetter V, Ammirati JF, Schoch CL, Langer E, Langer G, McLaughlin DJ, Wilson AW, Tobias Frølev T, Ge ZW, Kerrigan RW, Slot JC, Yang ZL, Baroni TJ, Fischer M, Hosaka K, Matsuura K, Seidl MT, Vauras J and Hibbett DS, 2007. Contributions of rpb2 and tef1 to the phylogeny of mushrooms and allies (Basidiomycota, Fungi). *Molecular Phylogenetics and Evolution* 43: 430–451.
28. Matheny PB, Curtis JM, Hofstetter V, Aime MC, Moncalvo J-M, Ge ZW, Yang Zhu L, Slot JC, Ammirati JF, Baroni TJ, Bouger NL, Hughes KW, Lodge DJ, Kerrigan RW, Seidl MT, Aanen DK, DeNitis M, Daniele GM, Desjardin DE, Kropp BR, Norvell LL, Parker A, Vellinga EC, Vilgalys R, Hibbett DS, 2006. Major clades of Agaricales: a multilocus phylogenetic overview. *Mycologia* 98: 982-995.
29. Ge ZW and Yang ZL, 2006. The genus *Chlorophyllum* (Basidiomycetes) in China. *Mycotaxon*.96: 181-191.
30. Ge ZW and Yang ZL. 2005. *Strobilomyces mirandus*, a species new to China. *Mycosistema* 24 (1): 143-144.
31. Yang ZL, Matheny PB, Ge ZW, Slot JC and Hibbett DS, 2005. New Asian species of the genus *Anamika* (euagarics, hebelomatoid clade) based on morphology and ribosomal DNA sequences. *Mycological Research* 109 (11): 1259-1267.
32. Yang ZL, Ge ZW and Liang JF, 2005. Species diversity of Lepiotoid fungi in China. Proceedings of the 7th Mycological Symposium between Mainland and Taiwan: 147-159. (In Chinese with English Abstract).
33. Zhang P, Yang ZL and Ge ZW, 2005. Two new species of *Ramaria* from Southwestern China. *Mycotaxon* 94: 235-240.

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2013-2015: 教育部留学回国人员科研启动基金项目, 主持人

2011-2013: 知识创新工程重要方向项目 (No. 2010KIBA01) , 主持人

2009-2012: 云南省自然科学基金 (No. 2008CD164) , 主持人

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