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研究方向：螨类分类与进化

个人简历

1. 2016/01-至今，南京农业大学植物保护学院昆虫学系，教授
2. 2017/08-2017/12，美国密歇根州立大学，访问学者
3. 2014/02-2015/02，澳大利亚昆士兰大学和阳光海岸大学，访问学者
4. 2010/01-2015/12，南京农业大学植物保护学院昆虫学系，副教授
5. 2008/03-2008/06，新西兰皇家土地保护研究所节肢动物组，访问学者
6. 2007/07-2009/12，南京农业大学植物保护学院昆虫学系，讲师

研究简介

螨类属于蛛形纲 Arachnida、蜱螨亚纲 Acari。瘿螨属于真螨总目 Acariformes、绒螨目 Trombidiformes、前气门亚目 Prostigmata、真足螨总股 Eupodides。瘿螨是农业螨类中体型最小的螨类，平均体长 200 微米，体梭形或者蠕虫形，早在 280 年前就有瘿螨记载。瘿螨最早的化石记录可以追溯到三叠纪晚期（230 Ma）。瘿螨总科是蜱螨亚纲的第一大总科，具有超过 4,400 种。本小组紧紧围绕瘿螨开展研究，包括瘿螨与寄主植物之间的关系，瘿螨高级阶元分类系统的构建，瘿螨进化线粒体基因组学研究，瘿螨系统发育关系研究，瘿螨物种多样性研究。

研究课题

1. 国家自然科学基金面上项目，31672337、瘿螨总科进化线粒体基因组学及分子系统发育研究、2017/01-2020/12、主持。

2. 南京农业大学中央高校基本科研业务费专项项目，KYZ201405、基于线粒体基因组的植羽癭螨科系统发育研究，2014/01-2016/12、主持。
3. 国家自然科学基金面上项目，31172132、中国东洋界癭螨总科的系统分类研究、2012/01-2015/12、主持。
4. 国家自然科学基金青年科学基金项目，30600058、中国羽爪癭螨科系统分类与进化研究、2007/01-2009/12、主持。
5. 南京农业大学青年科技创新基金项目，KJ08005、江苏省癭螨的物种多样性研究、2008/08-2010/07、主持。
6. 国家公益性农业（行业）专项项目，20080325，外来入侵害虫西花蓟马防控技术与示范、2008/08-2010/12、参加。
7. 国家公益性农业（行业）专项项目，201103020、作物叶螨综合防控技术与示范推广、2011/01-2015/12、参加。

研究成果

1. **Xue, X.-F.***, Dong, Y., Deng, W., Hong, X.-Y., Shao, R. (2017) The phylogenetic position of eriophyoid mites (superfamily Eriophyoidea) in Acariformes inferred from the sequences of mitochondrial genomes and nuclear small subunit (18S) rRNA gene. *Molecular Phylogenetics and Evolution*, 109, 271–282.
2. Zuo, Y., Wang, Q, **Xue, X.-F.*** (2017) Three new eriophyoid mite species (Eriophyidae: Phyllocoptinae) from Nanling Mountain, China. *International Journal of Acarology*, 43(1): 22–29.
3. Xu, X.Q., **Xue, X.-F.***. (2017) A new genus and two new species of diptilomiopid mites. (Acari:Diptilomiopidae) from Hainan Province, China. *Systematic & Applied Acarology* 22(9), 1399–1412.
4. Xu, X.Q., Chen, J., **Xue, X.-F.***. (2017) A new eriophyid mite species (Acari, Eriophyidae) in the genus *Tegonotus* Nalepa infesting Chinese white olive, *Canarium album*, in Fujian Province, southeastern China. *Acarologia* 57(4): 901-911.
5. **Xue, X.-F.***, Sadeghi, H., Honarmand, A. (2016) Three eriophyoid mite species (Acari: Eriophyoidea: Eriophyidae) from Iran. *Zootaxa* 4132 (3): 403–412.
6. **Xue, X.-F.***, Guo, J.-F., Dong, Y., Hong, X.-Y., Shao, R. (2016) Mitochondrial genome evolution. and tRNA truncation in Acariformes mites: new evidence from eriophyoid mites.

Scientific Reports, 6, 18920.

7. **Xue, X.-F.***, Han, X., Zhang, Z.-Q. (2015) Correct identification and biosecurity decision-making: Two species instead of one in *Aceria genistae* complex (Acari: Eriophyidae) in New Zealand. *Systematic & Applied Acarology* 20(1): 71–86.
8. Li, J.-W., Wang, Z.-H., **Xue, X.-F.***, Zhang, J.-P. (2015) Three new species of eriophyoid mites. (Acari, Eriophyoidea) from Xinjiang Uygur Autonomous Region, China. *ZooKeys* 508: 97–111.
9. Zuo, Y., Rajput, S., **Xue, X.-F.***, Hong, X.-Y. (2015) Three new species of Nothopodinae (Acari: Eriophyidae) from Guangdong Province, China. *Systematic & Applied Acarology* 20(3): 286–296.
10. Guo, J.-F., Sadeghi, H., Gol, A., **Xue, X.-F.** (2015) A new species of the genus *Vittacus* Keifer. (Acari: Eriophyidae) from Iran. *Persian Journal of Acarology*, 4(1), 57–63.
11. Guo, J.-F., Li, H.-S., Wang, B., **Xue, X.-F.** & Hong, X.-Y. (2015) DNA barcoding reveals the protogyne and deutogyne of *Tegolophus celtis* sp. nov. (Acari: Eriophyidae). *Experimental and Applied Acarology*, 67(3): 393–410.
12. Han, X., Rajput, S., **Xue, X.-F.**, Hong, X.-Y. (2015) Four new species of *Tetra* and *Tetraspinus*. (Acari: Eriophyidae) from China. *Systematic & Applied Acarology*, 20(5): 507–522.
13. Han, X., Zuo, Y., **Xue, X.-F.**, Hong, X.-Y. (2015) Eriophyoid mites (Acari, Eriophyoidea) associated with tea plants, with descriptions of a new genus and two new species. *ZooKeys* 534: 1–16.
14. Wang, Q., El-Halawany, A., **Xue, X.-F.***, Hong, X.-Y. (2014) New species and records of eriophyoid mites from Saudi Arabia (Acari: Eriophyoidea). *Systematic & Applied Acarology* 19(4): 409–430.
15. Li, J.-W., Li, G.-Y., Zhang, J.-P., **Xue, X.-F.*** (2014) Five new species of the genus *Tetra* Keifer (Acari: Eriophyidae: Phyllocoptinae) from Xinjiang Uygur Autonomous Region, China. *Systematic & Applied Acarology* 19(3): 329–352.
16. Rajput S., Han, X., **Xue X.-F.**, Hong, X.-Y. (2014) A new genus and three new species of Diptilomiopidae from Zhejiang Province, China. *Systematic & Applied Acarology* 19(2): 223–235.
17. Li, H.-S., Sun, J.-T., Liu, Y., **Xue, X.-F.***, Hong, X.-Y. (2014) Population structures of *Acaphylla theae* and *Calacarus carinatus* (Acari: Eriophyoidea) from different tea-producing areas of China reveal no host-associated differentiation and recent colonization. *Systematic & Applied Acarology* 19(2): 113–122.
18. Li, H.-S., **Xue, X.-F.**, Hong, X.-Y. (2014) Homoplastic evolution and host association of Eriophyoidea (Acari, Prostigmata) conflict with the morphological-based taxonomic system. *Molecular Phylogenetics and Evolution*, 78, 185–198.

19. Wang, Q., Han, X., **Xue, X.-F.***, Hong, X.-Y. (2014) Three new species of eriophyoid mites (Acari, Eriophyoidea) associated with Lauraceae in China. *ZooKeys*, 406: 81–100.
20. Li, H.-S., **Xue, X.-F.**, Hong, X.-Y. (2014) Cryptic diversity in host-associated populations of *Tetra pinnatifidae* (Acari: Eriophyoidea): What do morphometric, mitochondrial and nuclear data reveal and conceal? *Bulletin of Entomological Research*, 104(2), 221–232.
21. Han, X., **Xue, X.-F.**, Hong, X.-Y. (2013) Three new eriophyoid mite species in the tribe Phyllocoptini from Yunnan Province, southwestern China (Acari: Eriophyidae: Phyllocoptinae). *Zootaxa*, 3702 (3): 247–261.
22. **Xue, X.-F.**, Cheng, L.-S., Hong, X.-Y. (2013) Eriophyoid mites from Hainan Province, China VII: Descriptions of four new species (Acari: Diptilomiopidae). *Systematic & Applied Acarology* 18(2): 177–189.
23. **Xue, X.-F.**, Guo, J.-F., Hong, X.-Y. (2013) Eriophyoid mites from Northeast China (Acari: Eriophyoidea). *Zootaxa* 3689 (1): 001–123.
24. **Xue, X.-F.**, Sadeghi, H., Hong, X.-Y., Sinaie, S. (2013) New species and records of eriophyid mites from Iran (Acari: Eriophyidae). *Systematic & Applied Acarology* 18(1): 41–52.
25. **Xue, X.-F.**, Sadeghi, H., Hong, X.-Y. (2012) Four new eriophyoid mite species (Acari: Eriophyoidea: Eriophyidae) from Iran. *Zootaxa*, 3544: 28–40.
26. **Xue, X.-F.**, Zhang, J.P., Li, F.-L., Hong, X.-Y. (2012) A new eriophyoid mite species (Acari: Eriophyidae) infesting *Haloxylon ammodendron* and *H. persicum* (Chenopodiaceae) in Xinjiang Uigur Autonomous Region, northwest China. *Systematic & Applied Acarology* 17(2): 202–209.
27. **Xue, X.-F.**, Han, X., Song, Z.-W., Hong, X.-Y. (2012) Eriophyoid mite fauna of Shaanxi Province, China, with descriptions of five new species (Acari: Eriophyoidea). *Zootaxa* 3292: 1–71.
28. **Xue, X.-F.**, Cheng, L.-S., Hong, X.-Y. (2012) Eriophyoid mites from Hainan Province, China VI: descriptions of one new genus and four new species of Phyllocoptini (Acari: Eriophyidae), *International Journal of Acarology*, 38(2), 146–159.
29. Li, H.-S., **Xue, X.-F.**, Hong, X.-Y. (2012) Eriophyoid mites from Qinghai Province, northwestern China with descriptions of nine new species (Acari, Eriophyoidea). *ZooKeys*, 196, 47–107.
30. Cheng, L.-S., **Xue, X.-F.**, Hong, X.-Y. (2012) Eriophyoid mites from Hainan Province, China IV: descriptions of three new species of *Diptilomiopus* (Acari: Diptilomiopidae). *International Journal of Acarology*, 38(1), 51–61.
31. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2011) Three new species of Phyllocoptini (Acari: Eriophyidae) from the Qinling Mountain, China. *International Journal of Acarology*, 37: sup1,

40-52.

32. **Xue, X.-F.**, Sadeghi, H., Hong, X.-Y., Sinaie, S. (2011) Nine eriophyoid mite species from Iran (Acari, Eriophyidae). *ZooKeys*, 143, 23–45.
33. **Xue, X.-F.**, Hong, X.-Y. (2011) Three new species of *Epitrimerus* Nalepa from China (Acari: Eriophyidae: Phyllocoptinae). *Systematic & Applied Acarology*, 16(3), 303–318.
34. **Xue, X.-F.**, Cheng, L.-S., Hong, X.-Y. (2011) Four new species of *Tegolophus* Keifer from China (Acari: Eriophyidae: Phyllocoptinae). *Systematic & Applied Acarology*, 16(3), 319–335.
35. **Xue, X.-F.**, Luo, J., Xu, Y., Hong, X.-Y. (2011) A new eriophyoid mite species infesting *Schefflera odorata* (Araliaceae) in Yunnan Province, southwestern China (Acari: Eriophyoidea). *Zootaxa* 3037, 62–68.
36. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2011) Three new species of Cecidophyinae (Acari: Eriophyidae) from China. *Journal of Natural History*, 45(19-20), 1199–1211.
37. **Xue, X.-F.**, Cheng, L.-S., Hong, X.-Y. (2011) Eriophyoid mites from Hainan Province, China III: Descriptions of three new genera and three new species of Colomerini (Acari: Eriophyoidea). *Zootaxa*, 2798: 37–47.
38. Song, Z.-W., **Xue, X.-F.**, Hong, X.-Y. (2011) Eriophyoid mite fauna (Acari: Eriophyoidea) of the Tibet Autonomous Region, southwestern China with descriptions of six new species, *International Journal of Acarology*, 37(5): 367-390.
39. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2010) Review of *Phyllocoptuta*, With Descriptions of Two New Species (Acari: Eriophyoidea). *Annals of the Entomological Society of America*, 103(5): 697–705.
40. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2010) Five new species of Anthocoptini from China (Acari: Eriophyidae). *Zootaxa*, 2666: 29–44.
41. Hong, X.-Y., **Xue, X.-F.**, Song, Z.-W. (2010) Eriophyoidea of China: a review of progress, with a checklist. *Zoosymposia* 4: 57–93.
42. **Xue, X.-F.**, Sadeghi, H., Hong, X.-Y. (2009) Eriophyoid mites (Acari: Eriophyoidea) from Iran, with descriptions of three new species, one new record and a checklist. *International Journal of Acarology*, 35(6): 461–483.
43. **Xue, X.-F.**, Cheng, L.-S., Hong, X.-Y. (2009) Eriophyoid mites from Hainan province, China II: descriptions of one new genus, two new species and one new record (Acari: Eriophyoidea). *International Journal of Acarology*, 35(6): 453–460.
44. **Xue, X.-F.**, Zhi-Qiang Zhang. (2009) Eriophyoid mites (Acari: Prostigmata) in Southeast Asia: a synopsis of 104 genera, with an illustrated key to genera and checklist of species. *Zootaxa*, 2257: 1–128.

45. **Xue, X.-F.**, Wang, Z., Song, Z.-W., Hong, X.-Y. (2009) Eriophyoid mites on Fagaceae with descriptions of seven new genera and eleven new species (Acari: Eriophyoidea). *Zootaxa*, 2253: 1–95.
46. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2009) Five new species of *Phyllocoptes* from China (Acari: Eriophyidae). *International Journal of Acarology*, 35(2): 133–147.
47. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2009) One new genus and five new species of Rhyncaphytoptinae from China (Acari: Eriophyoidea: Diptilomiopidae). *Zootaxa*, 1992: 1–19.
48. **Xue, X.-F.**, Zhang, Z.-Q. (2008) New Zealand Eriophyoidea (Acari: Prostigmata): an update with descriptions of one new genus and six new species. *Zootaxa*, 1962: 1–32.
49. Song, Z.-W., **Xue, X.-F.**, Hong, X.-Y. (2009) Seven new species of *Phyllocoptes Nalepa* from Tibet Autonomous Region, China (Acari: Eriophyidae: Phyllocoptinae). *Zootaxa*, 2313: 35–60.
50. Song, Z.-W., **Xue, X.-F.**, Hong, X.-Y. (2009) Six new species of *Aculus* Keifer from Tibet Autonomous Region, China (Acari: Eriophyoidea: Eriophyidae: Phyllocoptinae). *Zootaxa*, 2305: 1–23.
51. Song, Z.-W., **Xue, X.-F.**, Hong, X.-Y. (2009) Seven new species of Phyllocoptini from Tibet Autonomous Region, China (Acari: Eriophyidae: Phyllocoptinae). *Zootaxa*, 2291: 1–23.
52. Zhen Wang, **Xue, X.-F.**, Hong, X.-Y. (2009) Four new species and a re-described species of the Diptilomiopinae (Acari: Eriophyoidea: Diptilomiopidae) from China. *International Journal of Acarology*, 35(2): 123–132.
53. Cheng, L.-S., **Xue, X.-F.**, Hong, X.-Y. (2009) Eriophyoid mites from Hainan Province, China I: Descriptions of three new species (Acari: Eriophyoidea). *Zootaxa*, 2140: 16–26.
54. Song, Z.-W., **Xue, X.-F.**, Hong, X.-Y. (2009) Four new species of Rhyncaphytoptus from Tibet Autonomous Region, China (Acari: Eriophyoidea: Diptilomiopidae). *Zootaxa*, 2196: 31–47.
55. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2008) Eight new species of the genus *Aculus* Keifer (Acari: Eriophyidae) from China. *Zootaxa*, 1721: 35–52.
56. Song, Z.-W., **Xue, X.-F.**, Hong, X.-Y. (2008) One new genus and four new species of Phyllocoptinae (Acari: Eriophyoidea) from Fujian Province, southeastern China. *Zootaxa*, 1894: 42–52.
57. Song, Z.-W., **Xue, X.-F.**, Hong, X.-Y. (2008) Eriophyoid mite fauna (Acari: Eriophyoidea) of Gansu Province, northwestern China with descriptions of twelve new species. *Zootaxa*, 1756: 1–48.
58. **Xue, X.-F.**, Zhang, Z.-Q. (2008) An analysis of and index to new Acari described in *Systematic & Applied Acarology* (1996–2007). *Systematic & Applied Acarology*, 13, 279–304.
59. **Xue, X.-F.**, Song, Z.-W., Amrine, Jr. J.W., Hong, X.-Y. (2007) Eriophyoid mites on coniferous

- plants in china with descriptions of a new genus and five new species (Acari: Eriophyoidea). *International Journal of Acarology*, 33(4): 333-345.
60. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2007) Six new species of *Tetra* Keifer (Acari: Eriophyidae: Phyllocoptinae) from China. *Zootaxa*, 1614: 1-16.
 61. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2007) Five new species of the genus *Tegolophus* Keifer (Acari: Eriophyidae: Phyllocoptinae: Anthocoptini) from China. *Zootaxa*, 1525: 19-30.
 62. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2007) Seven new species of the genus *Epitrimerus* Nalepa (Acari: Eriophyidae: Phyllocoptinae) from China. *Zootaxa*, 1406: 1-15.
 63. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2007) Five new species and a new record of the genus *Aculops* Keifer (Acari: Eriophyidae: Phyllocoptinae) from China. *Zootaxa*, 1391: 57-68.
 64. Song, Z.-W., **Xue, X.-F.**, Hong, X.-Y. (2007) Four new species and a new name in the genus *Rhyncaphytoptus* Keifer (Acari: Eriophyoidea: Diptilomiopidae) from China. *Zootaxa*, 1520: 57-68.
 65. Song, Z.-W., **Xue, X.-F.**, Hong, X.-Y. (2007) Description of seven new species in the genus *Diptacus* Keifer (Acari: Eriophyoidea: Diptilomiopidae: Diptilomiopinae) from northwestern China. *Zootaxa*, 1429: 39-53.
 66. **Xue, X.-F.**, Song, Z.-W., Amrine, J.W., Hong, X.-Y. (2006) Eriophyid mites (Acari: Eriophyoidea) on bamboo from China, with descriptions of three new species from the Qinling Mountains. *Annals of the Entomological Society of America*, 99(6): 1057-1063.
 67. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2006) A new genus and three new species of Phyllocoptini (Acari: Eriophyidae: Phyllocoptinae) from the Qinling Mountains, Shaanxi Province, northwestern China. *Zootaxa*, 1275: 31-41.
 68. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2006) A taxonomic study of the genus *Tetra* Keifer (Acari: Eriophyidae: Phyllocoptinae: Anthocoptini) from Shaanxi Province, China with descriptions of nine new species. *Zootaxa*, 1249: 1-22.
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 70. **Xue, X.-F.**, & Hong, X.-Y. 2006. Eriophyoid mite fauna from Henan Province, central China (Acari: Eriophyoidea) with descriptions of five new species. *Zootaxa*, 1204: 1-30.
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 72. Song, Z.-W. **Xue, X.-F.**, Hong, X.-Y. (2006) Three new species of *Aculops* Keifer (Acari: Eriophyoidea: Eriophyidae: Phyllocoptinae) from Gansu Province, China. *Oriental Insects*, 40: 381-390.

73. Song, Z.-W., **Xue, X.-F.**, Hong, X.-Y. (2006) A review of Chinese *Phyllocoptes* Nalepa (Acari: Eriophyoidea: Eriophyidae: Phyllocoptinae) with descriptions of five new species. *Zootaxa*, 1167: 31-45.
74. **Xue, X.-F.**, Hong, X.-Y. (2005) A new genus and eight new species of Phyllocoptini (Acari: Eriophyidae: Phyllocoptinae) from China. *Zootaxa*, 1039: 1-17.
75. **Xue, X.-F.**, Hong, X.-Y. (2005) A taxonomic study on the genus *Aculus* Keifer from China (Acari: Eriophyoidea: Eriophyidae) with a description of six new species. *Transactions of the American Entomological Society*, 131(3+4): 387-401.
76. **Xue, X.-F.**, Hong, X.-Y. (2005) Five new species of Diptilomiopidae from China (Acari: Eriophyoidea). *Zootaxa*, 1055: 49-59.
77. **Xue, X.-F.**, Hong, X.-Y. (2005) Five new species of the genus *Tetra* Keifer (Acari: Eriophyoidea) from China. *Zootaxa*, 1067: 37-48.
78. **Xue, X.-F.**, Hong, X.-Y. (2005) Three new species of *Phyllocoptes* Nalepa (Acari: Eriophyidae) from China. *Oriental Insects*, 39: 213-220.
79. **Xue, X.-F.**, Song, Z.-W., Hong, X.-Y. (2005) A new species of *Vittacus* Keifer (Acari: Eriophyidae: Phyllocoptinae) from Qinling Area, Shannxi Province, China. *Zootaxa*, 992: 1-6.
80. Hong, X.-Y., **Xue, X.-F.** (2005) Four new species of *Aculops* Keifer (Acari: Eriophyidae) from China. *Oriental Insects*, 39: 203-211.
81. Hong, X.-Y., **Xue, X.-F.** & Hajizadeh, J. (2005) Two new species and two new records of eriophyid mites (Acari: Eriophyoidea: Eriophyidae) from Iran. *International Journal of Acarology*, 31(2): 1-4.

主要荣誉

1. 2008 年度获得“江苏省优秀博士学位论文”。
2. 2009 年度获得“周尧昆虫分类学奖励基金”三等奖。
3. 2012 年度获得南京农业大学首届“钟山学者-钟山学术新秀”。
4. 2013 年度获得“海南省科技进步奖”一等奖，3/4。
5. 2015 年度获得“江苏省优秀硕士学位论文”，优秀指导老师。

社会兼职

1. 中国昆虫学会蜱螨专业委员会，副主任

2. 国际系统与应用蜱螨学会 (Systematic and Applied Acarology Society) , 会员秘书 (membership secretary)

热烈欢迎有志青年加入螨类分类与进化小组，携手共进！