

CURRICULUM VITAE

Personal Information			
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Research Interest			
<ul style="list-style-type: none"> ➤ Rice insect resistance to insecticide ➤ Toxicity mechanism of novel insecticides ➤ Feeding behavior of rice sap-sucking insects 			
Professional Memberships			
<ul style="list-style-type: none"> ➤ Member of Entomological Society of America 			
Other Roles			
<ul style="list-style-type: none"> ➤ Reviewer for Journal of Economic Entomology, Pest Management Science, Pesticide Biochemistry and Physiology, Insect Science, Crop Protection 			
Education & Working Experience			
<ul style="list-style-type: none"> ➤ 1999.9-2003.6 Plant Protection, Nanjing Agriculture University, Nanjing, China. B.S. ➤ 2003.9-2008.6 Pesticide Science, Nanjing Agriculture University, Nanjing, China. Ph.D. ➤ 2008.6-2013.8 Institute of Plant Protection and Microbiology, Zhejiang Academy of Agricultural Sciences, Hangzhou, China. Assistant researcher, Associate Researcher. ➤ 2011.8-2011.11 Southern Insect Management Research Unit, USDA Agricultural Research Service, Stoneville, MS, USA. Visiting scholar. ➤ 2013.9~current College of Plant Science and Technology, Huazhong Agricultural University, Wuhan, China. Associate Researcher. 			
Publications			
<ol style="list-style-type: none"> 1. Xiaoqing Liu, Hanyu Zhou, Jing Zhao, Hongxia Hua, Yueping He*. Identification of the secreted watery saliva proteins of the rice brown planthopper, <i>Nilaparvatalugens</i> (Stål) by transcriptome and Shotgun LC-MS/MS approach. <i>Journal of Insect Physiology</i>, 2016, 89: 60-69. 2. Yueping He, Juefang Zhang, Jianming Chen*. Effect of synergists on susceptibility to chlorantraniliprole in field populations of <i>Chilosuppressalis</i> (Lepidoptera: Pyralidae). <i>Journal of Economic Entomology</i>, 2014, 107: 791-796. 1. Yueping He, Juefeng Zhang, Congfen Gao, Jianya Su, Jianming Chen*, Jinliang Shen. 			



- Regression analysis of dynamics of insecticide resistance in field populations of *Chilosuppressalis* (Lepidoptera: Crambidae) during 2002–2011 in China. *Journal of Economic Entomology*, 2013, 106: 1832-1837.
2. **Yueping He**, Juefeng Zhang, Jianming Chen, Jinliang Shen. Using synergists to detect multiple insecticide resistance in field populations of rice stem borer. *Pesticide Biochemistry and Physiology*, 2012, 103: 121–126.
 3. **Yueping He**, Juefeng Zhang, Chen Jianming, Wu Quancong, Chen Li, Liezhong Chen, Xiao Pengfei, and Yu Cheng Zhu. Influence of pymetrozine on feeding behaviors of three rice planthoppers and a rice leafhopper using electrical penetration graphs. *Journal of Economic Entomology*, 2011, 104 (6): 1877-1884.
 4. **Yueping He**, Chen Li, Chen Jianming, Juefeng Zhang, Liezhong Chen, Jinliang Shen and Yu Cheng Zhu. Electrical penetration graph evidence that pymetrozine toxicity to the rice brown planthopper is by inhibition of phloem feeding. *Pest Management Science*, 2011, 67 (4): 483–491.
 5. **Yue Ping He**, Cong Fen Gao, Wen Ming Chen, Li Qin Huang, Wei Jun Zhou, Xu Gan Liu, Jin Liang Shen & Yu Cheng Zhu. Comparison of dose responses and resistance ratios in four populations of the rice stem borer, *Chilosuppressalis*(Lepidoptera: Pyralidae), to twenty insecticides. *Pest Management Science*, 2008, 64(3): 308-315.
 6. **Yue Ping He**, Wen Ming Chen, Jin Liang Shen, Cong Fen Gao, Li Qin Huang, Wei Jun Zhou, Xu Gan Liu & Yu Cheng Zhu. Differential susceptibilities to pyrethroids in field populations of *Chilosuppressalis* (Lepidoptera: Pyralidae). *Pesticide Biochemistry Physiology*, 2007, 89, 12-19.
 7. **Yue Ping He**, Cong Fen Gao, Ming Zhang Cao, Wen Ming Chen, Li Qin Huang, Wei Jun Zhou, Xu Gan Liu, Jin Liang Shen & Yu Cheng Zhu. Survey of susceptibilities to monosultap, triazophos, fipronil, and abamectin in the rice stem borer, *Chilosuppressalis* (Lepidoptera: Pyralidae). *Journal of Economic Entomology*, 2007, 100(6): 1854-1861.
 8. Jun Zhu, **Yueping He** (contributed equally), Mingxing Gao, Zhou Weijun, Hu Jun, Shen Jinliang, Zhu Yu Cheng. Photodegradation of emamectin benzoate and its influence on efficacy against the rice stem borer, *Chilosuppressalis*. *Crop Protection*, 2011, 30 (10): 1356-1362.
 9. Jiarong Meng, Juma Ibrahim Mabubu, Yu Han, **Yueping He**, Jing Zhao, Hongxia Hua, Yanni Feng, Gang Wu. No impact of transgenic cry1C rice on the rove beetle *Paederus fuscipes*, a generalist predator of brown planthopper *Nilaparvatalugens*. *Scientific Reports*, 2016, 6: 30303.
 10. Fangzhou Liu, Kaiyin Li, Jie Li, Dingbang Hu, Jing Zhao, **Yueping He**, Yulan Zou, Yanni Feng, Hongxia Hua. Apterous A modulates wing size, bristle formation and patterning in *Nilaparvatalugens*. *Scientific Reports*, 2015: 10526.
 11. Kaiyin Li, Dingbang Hu, Fangzhou Liu, Man Long, Siyi Liu, Jing Zhao, **Yueping He** & Hongxia Hua. Wing patterning genes of *Nilaparvatalugens* identification by transcriptome analysis, and their differential expression profile in wing pads between brachypterous and macropterous morphs. *Journal of Integrative Agriculture*, 2015, 14(9): 1796–1807.
 12. Yu Han, Jiarong Meng, Jie Chen, Wanlun Cai, Yu Wang, Jing Zhao, **Yueping He**, Yanni Feng, & Hongxia Hua. Bt Rice Expressing Cry2Aa Does Not Harm *Cyrtorhinus lividipennis*, a Main Predator of the Nontarget Herbivore *Nilaparvatalugens*. *PLOS ONE*, 2014, 9(11): e112315.

13. Yu Han, Jie Chen, Hui Wang, **Yueping He**, Yanni Feng, & Hongxia Hua. Prey-mediated effects of transgenic cry2Aa rice on the spider *Hylyphantesgraminicola*, a generalist predator of *Nilaparvatalugens*. *Biocontrol*, 2014, 60(2): 251-261.
14. Yu Cheng Zhu, Zibiao Guo, **Yueping He**, Randall Luttrell. Microarray Analysis of Gene Regulations and Potential Association with Acetate-Resistance and Fitness Cost in *Lygus lineolaris*. *PLoS ONE*, 2012, 7(5): e37586.
15. Yu Cheng Zhu, Sandy West, Fanny X. Liu, **Yueping He**. Interaction of proteinase inhibitors with Cry1Ac toxicity and the presence of 15 chymotrypsin cDNAs in the midgut of the tobacco budworm, *Heliothis virescens* (F.) (Lepidoptera: Noctuidae). *Pest Management Science*, 2012, 68(5): 692–701.
16. Lanfeng Ban, Shuai Zhang, Ziyang Huang, **Yueping He**, Yongqiang Peng, Congfen Gao*. Resistance monitoring and assessment of resistance risk to pymetrozine in *Laodelphax striatellus* (Hemiptera: Delphacidae). *Journal of Economic Entomology*, 2012, 105: 2129-2135.
17. Zhao xinghua, Ning Zuoping, **He Yueping**, Shen Jinliang, Su Jianya, Gao Congfeng, and Zhu Yu Cheng. Differential resistance and cross-resistance to three phenylpyrazole insecticides in the planthopper *Nilaparvatalugens* (Hemiptera: Delphacidae). *Journal of Economic Entomology*, 2011, 104 (4): 1364-1368.
18. Hao Zhongna, Wang Lianping, **He Yueping**, Liang Jianguo, Tao Rongxiang. Expression of defense genes and activities of antioxidant enzymes in rice resistance to rice stripe virus and small brown planthopper. *Plant Physiology and Biochemistry*, 2011, 49 (7): 744-751.

Additional Information