

# CURRICULUM VITAE

Personal Information			
Name	<b>Xiaoping Wang</b>	Gender	Male
Position Title	Professor		
Working Department	College of Plant Science and Technology, Huazhong Agricultural University		
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Research Interest			
<ul style="list-style-type: none"><li>● Vegetable insect pest management</li><li>● Molecular mechanisms of diapause regulation in insects</li></ul>			
Professional Memberships			
<ul style="list-style-type: none"><li>● Fellow of the Entomological Society of China</li></ul>			
Other Roles			
Education & Working Experience			
<u>Education</u>			
<ul style="list-style-type: none"><li>● 2001-2004, Ph.D. in Agronomy, Hunan Agricultural University, Changsha, China</li><li>● 1990-1997, M.S. in Entomology, Huazhong Agricultural University, Wuhan, China</li><li>● 1990-1994, B.S. in Plant Protection, Huazhong Agricultural University, Wuhan, China</li></ul>			
<u>Working Experience</u>			
<ul style="list-style-type: none"><li>● 2010- Professor, Huazhong Agricultural University, Wuhan, China</li><li>● 2007-2009 Associate Professor, Huazhong Agricultural University, Wuhan, China</li><li>● 2005-2007 Postdoctoral Research Fellow, Huazhong Agricultural University, Wuhan, China</li></ul>			



- 2004-2005 Associate Professor, Hunan Provincial Academy of Agricultural Sciences, Changsha, China
- 1997-2005 Research Assistant, Hunan Provincial Academy of Agricultural Sciences, Changsha, China

## Publications

- Zheng XL, Yang QS, Hu YW, Lei CL, **Wang XP**. Latitudinal variation of morphological characteristics in the swallowtail *Seriginus montelus* Gray, 1798 (Lepidoptera: Papilionidae). *Acta Zoologica (Stockholm)*, 2015, 95(2) :242-252
- Tan QQ, Zhu L, Li Y, Liu W, Ma WH, Lei CL, **Wang XP**. A *de novo* transcriptome and valid reference genes for quantitative real-time PCR in *Colaphellus bowringi*. *PLoS ONE*, 2015, 10(2): e0118693
- Wang P, Zhang N, Zhou LL, Si SY, Lei CL, Ai H, **Wang XP**. Antennal and behavioral responses of female *Maruca vitrata* to the floral volatiles of *Vigna unguiculata* and *Lablab purpureus*. *Entomologia Experimentalis et Applicata*, 2014, 152(3): 248–257
- Ding N, Dalin P, Zhu QH, Ma WH, Zhu F, **Wang XP**. A comparison of larval overwintering biology of the striped stem borer, *Chilo suppressalis* (Lepidoptera: Crambidae), in rice and water-oat fields. *Applied Entomology and Zoology*, 2013, 48(2): 147-153.
- Quan WL, Zheng XL, Li XX, Zhou XM, Ma WH, **Wang XP**. Overwintering strategy of parasitoids in the striped stem borer, *Chilo suppressalis* Walker (Lepidoptera: Pyralidae): a perspective from the cold hardiness of host. *Entomologia Experimentalis et Applicata*, 2013, 146(3): 398-403.
- Zheng XL, Wang P, Cheng WJ, **Wang XP**, Lei CL. Projecting over-wintering regions of the beet armyworm, *Spodoptera exigua* in China, using the CLIMEX Model. *Journal of Insect Science*, 2012, 12: Article 13
- **Wang XP**, Yang QS, Dalin P, Zhou XM, Lou ZW, Lei CL. Geographic variation in the photoperiodic diapause induction and diapause intensity in *Seriginus montelus* (Lepidoptera: Papilionidae). *Insect Science*, 2012, 19(3): 295-302
- Ma CH, Ding N, **Wang XP**, Lei CL. Examination of parental effect on the progeny diapause by reciprocal cross test in the cabbage beetle, *Colaphellus bowringi* (Coleoptera : Chrysomelidae). *Journal of Insect Science*, 2011, 11: Article 145
- Xu S, Wang ML, Ding N, Ma WH, Li YN, Lei CL, **Wang XP**. Relationships between body weight of overwintering larvae and supercooling capacity, diapause intensity and post-diapause reproductive potential in *Chilo suppressalis* Walker. *Journal of Insect Physiology*, 2011, 57(5): 653-659
- Wei XT, Zhou YC, Xiao HJ, **Wang XP**, Xue FS. Effects of natural duration of diapause on

post-diapause reproduction in the cabbage beetle, *Colaphellus bowringi* (Coleoptera: Chrysomelidae). *European Journal of Entomology*, 2010, 107(3): 337-340

- Chen LZ, Ma WH, **Wang XP**, Niu CY, Lei CL. Analysis of pupal head proteome and their alterations in diapausing pupae of *Helicoverpa armigera*. *Journal of Insect Physiology*, 2010, 56(3): 247-252
- **Wang XP**, Yang QS, Zhou XM, Xu S, Lei CL. Effects of photoperiod and temperature on diapause induction and termination in *Seriginus montelus* (Lepidoptera: Papilionidae). *Physiological Entomology*, 2009, 32(2): 158-162
- **Wang XP**, Xue FS, Tan YQ, Lei CL. The role of temperature and photoperiod in diapause induction in brassica leaf beetle, *Phaedon brassicae* (Coleoptera: Chrysomelidae). *European Journal of Entomology*, 2007, 104(4): 693-697
- **Wang XP**, Yang QS, Zhou XM, Zhao F, Lei CL. Effect of photoperiod associated with diapause induction on the accumulation of metabolites in *Seriginus montelus* (Lepidoptera: Papilionidae). *Applied Entomology and Zoology*, 2007, 42(3): 419-424
- **Wang XP**, Xue FS, Zhou XM, Lei CL. Thermoperiodic response and effect of photoperiod on thermoperiodic induction of diapause in *Colaphellus bowringi*. *Entomologia Experimentalis et Applicata*, 2007, 124(3): 299-304
- **Wang XP**, Ge F, Xue FS. Host plant mediation of diapause induction in the cabbage beetle, *Colaphellus bowringi* Baly (Coleoptera: Chrysomelidae). *Insect Science*, 2006, 13(3): 189-193
- **Wang XP**, Xue FS, Hua A, Ge F. Effects of diapause on future reproduction in the cabbage beetle, *Colaphellus bowringi*: positive or negative? *Physiological Entomology*, 2006, 31(2): 190-196
- **Wang XP**, Xue FS, Ge F, Zhou CA, You LS. Effects of thermoperiods on the diapause induction in the cabbage beetle, *Colaphellus bowringi* Baly (Coleoptera: Chrysomelidae). *Physiological Entomology*, 2004, 29(5): 419-425
- **Wang XP**, Ge F, Xue FS, You LS. Diapause induction and clock mechanism in the cabbage beetle, *Colaphellus bowringi* (Coleoptera: Chrysomelidae). *Journal of Insect Physiology*, 2004, 50(5): 373-381

#### Additional Information