

# CURRICULUM VITAE

Personal Information			
Name	Xinhua Fu	Gender	Male
Position Title	Associate professor		
Working Department	College of Plant Science and Technology		
Email	<a href="mailto:fireflyfxh@mail.hzau.edu.cn">fireflyfxh@mail.hzau.edu.cn</a>		
Address	College of Plant Science and Technology Huazhong Agricultural University, Wuhan, 430070, China		
Tel	13667267584	Fax	
Research Interest			
Biodiversity, behavior and conservation on fireflies (Coleoptera: Lampyridae)			
Professional Memberships			
Other Roles			
Education & Working Experience			
BS in Plant Protection, Shandong Agricultural University, Tai an, China, 1996			
MS in Zoology, Huazhong Agricultural University, Wuhan, China, 2000			
Ph D in Zoology, Huazhong Agricultural University, Wuhan, China, 2002			
Assistant professor, Huazhong Agricultural University, 2005-2009			
Guest researcher, Lab of Systematic Zoology, Department of Biological Science and Engineering, Tokyo Metropolitan University, Japan, 2008-2009			
Associate professor, Huazhong Agricultural University, from 2010 until now			



## Publications

- Fu X.H. An illustrated handbook of Chinese fireflies. 2014. The Commercial Press, 167 pps. (in Chinese).
- Fu X.H., Ballantyne L. 2009. Larval respiration system and evolution in aquatic fireflies (Coleoptera: Lampyridae: Luciolinae). *Bioluminescence in Focus – A Collection of Illuminating Essays*. 243-253. Editor: Victor Benno Meyer-Rochow. Research Signpost. Kerala, India (ISBN: 978-81-308-0357-9)
- Fu X.H., Ohba Nobuyoshi, Fredric V. Vencl, Lei Chaoliang. 2005. Structure, behavior and the life cycle of an aquatic firefly, *Luciola substriata* (Coleoptera: Lampyridae), in China. *Canadian Entomologist*. 137: 83-90. (SCI)。
- Fu X.H., Yuyong Wang, Ohba Noboyushi, Chaoliang lei. 2005. The swimming behavior of aquatic firefly larvae, *Luciola substriata* (Coleoptera: Lampyridae). *Coleopterists Bulletin*. 59 (4): 501-505. (SCI)。
- Fu X.H., Lesley Ballantyne. 2006. *Luciola Leii* Sp. Nov., A New Species Of Aquatic Firefly From Mainland China (Coleoptera: Lampyridae: Luciolinae). *Canadian Entomologist*. 138 (3) :339-347. (SCI)。
- Fu X.H., Ohba Nobuyoshi, Ying Zhang, Chaoliang Lei. 2006. A Rearing Apparatus and Diet for the Aquatic Firefly, *Luciola leii* (Coleoptera: Lampyridae). *Canadian Entomologist*. 138 (3) :399-406. (SCI)。
- Fu X.H., Ohba N, Meyer-Rochow VB, Wang YY, Lei CL. 2006. Reflex-bleeding in the firefly *Pyrocoelia pectoralis* (Coleoptera: Lampyridae): Morphological basis and possible function. *Coleopterist Bulletin*. 60 (3): 207-215. (SCI)。
- Fu X.H., Ohba Nobuyoshi, Fredric V. Vencl, Chaoliang Lei. 2006. Life cycle and behavior of aquatic firefly, *Luciola leii* (Coleoptera: Lampyridae) from Mainland China. *Canadian Entomologist*. 138 (6): 860-870. (SCI)。
- Fu X. H, Fredric V. Vencl, Ohba Nobuyoshi, V. Benno Meyer-Rochow , Lei C. L., Zhang Z. N . 2007. Structure and function of the eversible glands of the aquatic firefly *Luciola leii* (Coleoptera: Lampyridae). *Chemoecology*. 17 (2): 117-124. (SCI)。
- Fu X. H, Ballantyne L.2008. Taxonomy and behaviour of lucioline fireflies (Coleoptera: Lampyridae: Luciolinae) with redefinition and new species of *Pygoluciola* Wittmer from mainland China and review of *Luciola* LaPorte. *Zootaxa* 1733: 1–44. (SCI)。
- Fu X. H. 2008. The fine structure of larval light organ in the aquatic firefly *Luciola leii*. *Luminescence*, 23(2), 68. (SCI)
- Fu X.H., Meyer-Rochow V. B., Tyler J., Suzuki H., De Cock R. 2009. Structure and function of the eversible organs of several genera of larval firefly (Coleoptera: Lampyridae). *Chemoecology*.19:155–168 (SCI)
- Fu X.H.,Ballantyne L., Lambkin C.L. 2010. *Aquatica* gen. nov. from mainland China with a description of *Aquatica Wuhana* sp. nov. (Coleoptera: Lampyridae: Luciolinae). *Zootaxa* 2530: 1–18. (SCI)
- Fu, X.H., and V. B. Meyer-Rochow. 2012. An investigation into the morphological and behavioral adaptations

of the aquatic larvae of *Aquatica leii* (Coleoptera: Lampyridae) to prey upon freshwater snails that serve as intermediate hosts for the liver fluke. *Biological Control* 62(3).127-134. (SCI)

Fu, X.H., Ballantyne L., Lambkin C.L. 2012. The external larval morphology of aquatic and terrestrial Luciolinae fireflies (Coleoptera: Lampyridae). *Zootaxa* 3405: 1–34. (SCI)

Fu, X.H., Ballantyne L., Lambkin C.L. 2012. *Emeia* gen. nov., a new genus of Luciolinae fireflies from China (Coleoptera: Lampyridae) with an unusual trilobite-like larva, and a redescription of the genus *Curtos* Motschulsky. *Zootaxa*. 3403: 1- 53. (SCI)

Fu, X.H., South, A., Lewis, S.M. 2012. Sexual dimorphism, mating systems, and nuptial gifts in two Asian fireflies (Coleoptera: Lampyridae). *Journal of Insect Physiology*. 58: 1485-1492.

Fu, X.H., and V. B. Meyer-Rochow. 2013. Larvae of the firefly *Pyrocoelia pectoralis* (Coleoptera: Lampyridae) as possible biological agents to control the land snail *Bradybaena ravida*. *Biological Control* 65(3).176-183. (SCI)

19. Ballantyne, L., Fu, X.H.\* et al. (2013). Studies on South-east Asian fireflies: *Abscondita*, a new genus with details of life history, flashing patterns and behaviour of *Abs. chinensis* (L.) and *Abs. terminalis* (Olivier) (Coleoptera: Lampyridae: Luciolinae)." *Zootaxa* 3721(1): 1-48. \*Corresponding author

### **Additional Information**