

# Jimeng Hua



## Personal

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## Education:

**Ph.D.:** 2009 (June 23), Nankai University.

“Comparative and phylogenomic studies on the mitochondrial genomes of Pentatomomorpha and Nepomorpha (Insecta: Heteroptera)”.

Advisor: Prof. Wenjun Bu.

**B.Sc.:** 2004, Nankai University.

“The Application of AFLP on Molecular Systematics of *Nezara viridula* (Linnaeus) of China”.

Advisor: Prof. Wenjun Bu.

## Publications:

- **Hua, J.**, Smith, D.R., Borza, T., Lee, R.W., 2011. Similar Relative Mutation Rates in the Three Genetic Compartments of *Mesostigma* and *Chlamydomonas*. *Protist*. (In press)
- Xie, Q.<sup>1</sup>, Cui, Y.<sup>1</sup>, **Hua, J.**<sup>1</sup>, Yu, X., Zhou, J., Deckert, J., Li, M., Dong, P., Bu, W., Mitochondrial Phylogenomics of Hemiptera (Insecta: Paraneoptera): Taxon Sampling, Data Types and Phylogenetic Methods. (under review). <sup>1</sup> These authors contributed equally to this work.

- Smith, D.R., **Hua, J.**, Lee, R.W., 2010. Evolution of linear mitochondrial DNA in three known lineages of *Polytomella*. *Current Genetics*.
- Li, M., Li, X., Fan, Z., **Hua, J.**, Bu, W., 2010. Phylogeographic relationships of the southern green stink bug *Nezara viridula* (Hemiptera: Pentatomidae). *Insect Science*.
- **Hua, J.**, Li, M., Dong, P., Xie, Q., Bu, W., 2009. Phylogenetic analysis of the true water bugs (Insecta: Hemiptera: Heteroptera: Nepomorpha): evidence from mitochondrial genomes. *BMC Evolutionary Biology*.
- **Hua, J.**, Dong, P., Li, M., Cui, Y., Zhu, W., Xie, Q., Bu, W., 2009. The analysis of mitochondrial genome of *Stictopleurus subviridis* Hsiao (Insecta: Hemiptera-Heteroptera: Rhopalidae). *Acta Zootaxonomica Sinica*.
- **Hua, J.**, Li, M., Dong, P., Xie, Q., Bu, W., 2009. The mitochondrial genome of *Protohermes concolorus* Yang et Yang 1988 (Insecta: Megaloptera: Corydalidae). *Molecular Biology Reports*.
- **Hua, J.**, Li, M., Dong, P., Xie, Q., Bu, W., 2008. Comparative and phylogenomic studies on the mitochondrial genomes of Pentatomomorpha (Insecta: Hemiptera: Heteroptera). *BMC Genomics*.

### **Research interests:**

- Genomics
- Evolutionary biology
- Molecular phylogenetics / systematics

### **Teaching experience:**

- 2005 – 2009: Leader of the research group on insect mitochondrial genomes in Insect Molecular Systematic Lab, Institute of Entomology, College of Life Sciences, Nankai University. Under the supervision of Prof. Wenjun Bu, directed the theses of two Master students and two Bachelor students.
- 2004: Teaching assistant at Nankai University (Laboratory of Cell Biology for sophomore).

## **Fieldwork**

- July, 2008: Participated in ten-days expedition to collect insect specimens in Liaoning Province, China.
- May, 2007: Four-weeks, in Hainan Province, China.
- July to September 2006: Six-weeks, in Yunnan Province, China.
- July 2006: Three-weeks, in Gansu Province, China.
- August 2005: Three-weeks, in Sichuan Province, China. (I am sorry that several localities in this expedition have been destroyed in the horrible earthquake on May 12, 2008).
- July to August 2004: Five-weeks, in Hunan Province, China.

## **Conference & Workshop Participation**

- 2008: Workshop on Molecular Evolution and Molecular Phylogenetics. Institute of Zoology Chinese Academy of Sciences, Beijing, May 12 – 17.
- 2007: The 8th Annual Meeting of the Entomological Society of China, Hebi, October 11 – 13.