

Curriculum Vitae

Xiling Deng

Scientific assistant and Ph.D. candidate

Entomology III, Senckenberg Research Institute and Natural History Museum

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Date of Birth: March 12, 1992

EDUCATION

University of Giessen

Giessen, Germany

Ph.D. student in the Department of Insect Biotechnology

March 2021 – Present

Concentration: Taxonomy, Population genomics, Phylogeography

Southwest Minzu University

Chengdu, China

Master of Science in Ecology

September 2014 – June 2017

Concentration: Soil ecology, Microhabitat, Statistics

Thesis: A multi-factors network demonstrating the complex effects of soil habitat on Cordyceps and the phylogenetic relationship of Cordyceps living in the southeast margin of Qinghai-Tibet Plateau

Southwest Minzu University

Chengdu, China

Bachelor of Science in Environmental science

September 2010 – June 2014

Concentration: Biochemistry, Pollution control

Thesis: The effects of Nano-TiO₂ on the adsorption of sediments to nitrate in aquatic environment

PROFESSIONAL EXPERIENCE

Senckenberg Institute – Gesellschaft für Naturforschung

Frankfurt am Main, Germany

Research Assistant

March 2018 – Present

Institute of Biology – Chinese Academy of Science

Chengdu, China

Research Assistant

July 2015 – September 2017

RESEARCH INTERESTS

- Molecular ecology, phylogeny and biogeography of amphibian and insect
- Mountain biodiversity, climate change and evolutionary ecology of caddisflies
- Conservation and management of plateau ecosystem

SKILLS

Languages: Chinese (Native), English (Fluent), German (Basic)

IT Expertise: R, Bash, Python

PUBLICATION

- **Deng, Xi-Ling;** Frandsen, Paul B.; Dikow, Rebecca B.; Favre, Adrien; Shah, Deep Narayan; Tachamo Shah, Ram Devi; Schneider, Julio V.; Heckenhauer, Jaqueline & Pauls Steffen U., The impact of sequencing depth and relatedness of the reference genome in population genomic studies: a case study with two caddisfly species, submitted.

- **Deng, Xi-Ling;** Favre, Adrien; Lemmon, Emily Moriarty; Lemmon, Alan R; Pauls, Steffen U; ,Gene Flow and Diversification in *Himalopsyche martynovi* Species Complex (Trichoptera: Rhyacophilidae) in the Hengduan Mountains,Biology,10,8,816,2021.
- **Deng, Xi-Ling;** Yang, Kong; Favre, Adrien; ,Building an Integrative and Testable Hypothesis on How Edaphic Factors Ultimately Influence the Occurrence and Quality of *Ophiocordyceps Sinensis*, the Vegetable Caterpillar, Research Square,2021.
- Yuan, Li-Mei; **Deng, Xi-Ling;** Jiang, De-Chun; Klaus, Sebastian; Orlov, Nikolai L; Yang, Kong; Li, Jia-Tang; ,Geographical range evolution of the genus *Polypedates* (Anura: Rhacophoridae) from the Oligocene to present,Zoological research,42,1,116,2021.
- **Deng, Xi-Ling;** Xu, Gao-Wie; Liu, Wie; Yang, Ting-Yong; He Jian; Xie, Hongqi; Yang, Kong; Li, Xi-Dong;, Density of *Myospalax baileyi* and Effects of Attractant and Compound Poison Bait with D-type Kreotoxin, Sichuan Journal of Zoology, 36,2,203-207,2017.
- Yang, Kong; Liu, Wie; **Deng, Xi-Ling;**, A Survey on the Herpetological Resources and Species Diversity in Western Wuling Mountains, Sichuan Journal of Zoology, 36,6,708-717,2017.