**Wei Xu** 

**Senior postdoctoral researcher**

Tropical Biodiversity Evolution lab, DIADE, Université Montpellier, CIRAD, IRD, Montpellier, France

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**Education and Employment:**

2024–February 2026, Senior Postdoctoral researcher, Tropical Biodiversity Evolution lab, DIADE, Université Montpellier, CIRAD, IRD, Montpellier, France

2022–2024: Assistant researcher, Kunming Institute of Zoology, Chinese Academy of Sciences

2016–2021: Kunming Institute of Zoology, Chinese Academy of Sciences (GPA: 3.7/4.0), PhD, Zoology

2012–2016: Southern Medical University, Bachelor of Biotechnology

**Skills:**

* Extensive experience in applying integrative phylogenetic approaches, spatial methods, and large datasets (including distribution data, molecular data, ecological data, etc.) to address fundamental conceptual questions in evolutionary biology. My expertise includes analyzing diversity patterns on a large geographic scale, modeling species distribution, reconstructing mega-phylogenies, investigating biogeographic history, studying population genetics;
* Computer skills: Linux; Perl; R; ArcGIS;
* Proficient in basic molecular experimental techniques, such as DNA extraction and PCR.

**Research interests:**

Macro-ecology, macro-evolution, and conservation; Diversity patterns and responses to climate change; Phylogenetic and functional diversity.

**Fieldwork:**

2016–2018, North and Southwest of Qinghai-Tibetan Plateau, China. Collecting amphibians and reptiles.

2018, Huangshan Mountains, China. Collecting amphibians.

2017, Chitwan National Park, Nepal. Collecting amphibians and reptiles.

**Supervision and training:**

Guiding two PhD students in 2022.

2018, Conducting molecular experiment training in Sino-Africa Joint Research Center, Chinese Academy of Science, Nairobi, Kenya.

**Plenary/Keynote Conference presentations:**

**Wei Xu**. Functional Trait, Diversity Patterns and Conservation of Annonaceae: a representative of Tropical Rain Forests. XX INTERNATIONAL BOTANICAL CONGRESS, July 2024.

**Wei Xu**. Reptiles and Amphibians Record Complex History of the Himalaya. The 2nd AsiaEvo Conference, August 2021.

**Wei Xu**. Genome-wide data help to unveil true landscape of biodiversity masked by cryptic species: A case study about Asian horned toad (Amphibia: Megophryidae) in the southeast China. The 24th Academic Annual Meeting of China Zoology Society, August 2019.