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Studies of Vietnamese Pteridophyte Flora 4: Topotype Project



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Host: Dr. Hui-Yu Wang 王慧瑜副研究員



Abstract

Nomenclature types serve as reference points in biodiversity research, providing a stable foundation for species naming and identification. Despite their critical role in taxonomy, these specimens are often from old collections and inaccessible for study using modern methodologies, such as molecular phylogenetics and reproductive biology. This gap can be bridged by recollecting new topotypic materials from type localities. In 2025, I launched the “Vietnamese Pteridophyte Topotype Project” using this approach in advancing the systematics study. Here, I present the first results of this project including a detailed analysis of Vietnamese pteridophyte types, with emphasis on their historical background, taxonomic composition, and systematics significance. In addition, lectotypes are designated for *Pteris quadriaurita* var. *parviloba* Christ and *Trichomanes javanicum* var. *glabra* Bonap.

Keywords: Fern, flora, history, Indochina, systematics, taxonomy