

HUPERZIA QUASIPOLYTRICHOIDES (LYCOPODIACEAE) IS FOUND IN INDIA

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Plants from Arunachal Pradesh, India were identified by Fraser-Jenkins (2008) as *Huperzia quasipolytrichoides* (Hayata) Ching (Type: Taiwan. "Hab. Mt. Arisan, ad 7500 ped. alt.", April 1914, T. Ito and B. Hayata s.n., Holotype TI, fragment TAIF images!). Mazumdar and Mukhopadhyay (2014) showed that these plants have thinner, narrower, longer and more crowded leaves than true *H. quasipolytrichoides* and named *Huperzia arunachalensis* Mazumdar & R. Mukhop. However, Fraser-Jenkins *et al.* (2016) did not recognize *H. quasipolytrichoides* in the checklist of Indian Lycopodiaceae.

During recent studies of the family Lycopodiaceae, authors found an authentic specimen of *H. quasipolytrichoides* collected by Dr. Sarnam Singh from Mayodio Pass, Arunachal Pradesh in the herbarium of Botanical Survey of India, Northern Regional Centre, Dehra Dun (barcode BSD000003487, Fig. 1) and here, we confirm occurrence of *Huperzia quasipolytrichoides* (Hayata) in India.

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References:

- Fraser-Jenkins, C.R. (2008). Taxonomic revision of three hundred Indian subcontinental Pteridophytes with a revised Census- List. Bishen Singh Mahendra Pal Singh, Dehra Dun.
- Fraser-Jenkins, C.R., Gandhi, K.N., Kholia, B.S. and Benniamin, A. (2016). An Annotated Checklist of Indian Pteridophytes, Part - 1 (Lycopodiaceae to Thelypteridaceae). Bishen Singh Mahendra Pal Singh, Dehra Dun.
- Mazumdar, J. and Mukhopadhyay, R. (2014). *Huperzia arunachalensis* (lycopodiaceae)- A new lycopod from India. Bionature 34(2):33-35.



Fig. 1. Specimen of *H. quasipolytrichoides* in BSD (S. Singh 74, BSD000003487)