



Neotypification of *Urostachys vorwerkii* (Lycopodiaceae)

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Nessel (1934) first described the name *Urostachys vorwerkii* Nessel (1934: 178) (Lycopodiaceae) based on Himalayan specimen from unknown locality in India. But this name is largely overlooked in Indian literature.

Nessel's description and photograph (1934, t. 170) only matched Himalayan plants currently known as *Huperzia arunachalensis* (D.D.Pant & P.S.Pandey) Fraser-Jenkins in Fraser-Jenkins *et al.* (2015: 45) showing similar growth habit and spreading reflexed leaves (Fig. 1).

Huperzia arunachalensis was described as *Huperzia ceylanica* (Spring) Trevisan (1874: 248) by Dixit (1987). Pant & Pandey (1985) first distinguished it from *Huperzia ceylanica* due to smaller compact habit and accepted by Fraser-Jenkins *et al.* (2015). However *Urostachys vorwerkii* has priority over *Huperzia arunachalensis*.

In protologue Nessel (1934) cited specimen: "Indien; Himalaya, näherer Standort unbekannt, wurde gesammelt durch die King's Collectors (Herb. Nessel)." But this Holotype, said to be stored in Herbarium of Nessel, located in BONN was not traced (Prof. Dr. Dietmar Quandt, 2015, *pers. comm.*). Here I select a neotype in CAL to fix the application of the name.



FIGURE 1. *Huperzia vorwerkii* from Meghalaya, India (I.H. Burkill & S.C. Banerji 135 CAL-29175). Image courtesy the Director, Botanical Survey of India. (Scale in mm).