





http://dx.doi.org/10.11646/phytotaxa.170.4.8

## Neotypification of *Dendrobium darjeelingensis* and a new combination in *Dendrobium* for *Flickingeria clementsii* (Orchidaceae)

## DURGESH VERMA & HUSSAIN AHMED BARBHUIYA

Botanical Survey of India, Eastern Regional Centre, Shillong-793003, Meghalaya, India; E-mail: durgesh.kv@gmail.com

*Dendrobium darjeelingensis* Pradhan (1979: 336) was described by Pradhan (1979) on the basis of collection made in 1975 from Darjeeling, West Bengal, India. He kept the holotype for this species in his personal herbarium, which was destroyed by a fire (Barbhuiya *et al.* 2012).

Since no other original material of the species appears to be extant, the following specimen from the Assam Herbarium (ASSAM), Botanical Survey of India, Eastern Regional Centre is proposed here as the neotype.

## Dendrobium darjeelingensis Pradhan (1979: 336)

Neotype (designated here):---INDIA. Assam: Cachar, Near Loharbond Beat Office, ca 37 m, 6 January 2012, Barbhuiya 846 (ASSAM!).

Recent studies (Schuiteman 2011, Xiang *et al.* 2013, Schuiteman 2014) have proposed that *Flickingeria* Hawkes (1961: 451) should congeneric with *Dendrobium* Swartz (1799: 82). Most names in *Flickingeria* have combinations in *Dendrobium* already. However, *Flickingeria clementsii* Jones (2004: 9) has not yet been transferred to *Dendrobium*. Here we propose a new combination for it.

Dendrobium clementsii (D.L.Jones) D.Verma & Barbhuiya com. nov.

Basionym: Flickingeria clementsii Jones (2004: 9).

Type:—AUSTRALIA. Queensland: north of road to Tozers Gap, 1976, Wrigley 271 (holotype CANB).

## References

Barbhuiya, H.A., Singh, S.K. & Sabapathy, C.M. (2012) *Dendrobium darjeelingensis* – a less known orchid, new record for Assam. *Keanean Journal of Science* 1: 13–15.

Hawkes, A.D. (1961) Flickingeria, a new genus of orchids. The Orchid Weekly 2: 451-460.

Jones, D.L. & Clements M.A. (2004) Miscellaneous new species, new genera, reinstated genera and new combinations in Australian Orchidaceae. *Orchadian* 14 Suppl. 8: 1–16.

Pradhan, U.C. (1979) Indian orchids: guide to identification and culture, vol. II. Premulaceae Books, Kalimpong, 747 pp.

Schuiteman, A. (2011) Dendrobium (Orchidaceae): To split or not to split? Gardens' Bulletin Singapore 63: 245-257.

- Schuiteman, A. (2014) *Dendrobium. In*: Pridgeon, M.A., Cribb, P.J., Chase, M.W. & Rasmussen, F.N. (eds.) *Genera orchidacearum*, vol.
  6. Oxford University Press, Oxford, pp. 51–100.
- Swartz, O. (1799) Dendrobium. Nova Acta Regiae Societatis Scientiarum Upsaliensis ser. 2, 6: 82-85.

Xiang, X.G., Schuiteman, A., Li, D.Z., Huang, W.C., Chung, S.W., Li, J.W., Zhou, H.L., Jin, W.T., Lai, Y.J., Li, Z.Y. & Jin, X.H. (2013) Molecular systematics of *Dendrobium* (Orchidaceae, Dendrobieae) from mainland Asia based on plastid and nuclear sequences. *Molecular Phylogenetics and Evolution* 69: 950–960.

http://dx.doi.org/10.1016/j.ympev.2013.06.009