

## Studies on type material of *Bryoerythrophyllum yichunense* C.H. Gao (Musci, Pottiaceae) from China

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**Abstract.** Type material of *Bryoerythrophyllum yichunense* C.H. Gao has been studied. It is considered as *Leptodontium flexifolium* (With.) Hampe in Lindb.

Recently, it was possible to study the original material of *Bryoerythrophyllum yichunense* C.H. Gao. The general tinge of the plants is pale yellowish. Simple axillary gemmae are present. Sections through the stem show no central strand; the leaf margins are irregular dentate in the upper half and slightly recurved below. The leaf stance when wet is erect-spreading. The leaf base is simple, hyaline, without colouring. The lamina cells are pluri-papillose. Sections through the costa point to the genus *Leptodontium* (C. Muell.) Hampe and not to the genus *Bryoerythrophyllum* P.C. Chen, nor *Zygodon* Hook. & Tayl. All other characters lead me to the conclusion that the type belongs to *Leptodontium flexifolium*.

*Leptodontium flexifolium* (With.) Hampe in Lindb., Oefv. K. Vet. Ak. Foerh. 21: 227, 1864 (*Bryum flexifolium* Dicks. ex With., Syst. Arr. Brot. Pl. ed. 4,3: 799, 1801)

*Bryoerythrophyllum yichunense* C.H. Gao, Fl. Musc. Chinae Bor.-Oc. 379 + fig. 80, 1977, syn.

nov. Type: (China), Prov. Heilungkiang, Xiaochingan-ling Yichun, in truncis arborum silvaticarum (*Betula dahurica* Pall.), alt. 750 m., non-fruiting, with gemmae, 4 Aug. 1957, P.C. Chen and C.H. Gao no. 346, hb. IFSBH!; L!, iso.

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### Literature

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