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-spreadinng. 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*.


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**Literature**


