

## Miscellaneous notes on the Mniaceae (Bryophyta). XVII. Rejecting old or doubtful records: *Plagiomnium cuspidatum*, *P. medium*, *P. rostratum*, *P. venustum*, *P. vesicatum* and *P. acutum* in China

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The voucher specimens of *Plagiomnium cuspidatum* (Hedw.) T.J. Kop., *P. medium* (Bruch *et al.*) T.J. Kop., *P. rostratum* (Schrad.) T.J. Kop., *P. venustum* (Mitt.) T.J. Kop. and *P. vesicatum* (Besch.) T.J. Kop. listed in the Bryophyte flora of China (English version, specimens from KUN and MO) as well as the Chinese specimens under the names *Mnium cuspidatum* Hedw. and *Mnium trichomanes* Mitt. in V.F. Brotherus herbarium (H-BR), *Plagiomnium cuspidatum* and *P. acutum* (Lindb.) T.J. Kop. in H and recent collections from the Hunan Province of China were identified. *Plagiomnium acutum* is common while *P. cuspidatum*, *P. medium* and *P. rostratum* are extremely rare in China. The presence of *P. venustum* and *P. vesicatum* could not be confirmed. The result concurs with the previous identification of the corresponding specimens in the Herbarium of Academia Sinica in Beijing (PE) and author's field experience in China. Total ranges of the taxa and habitats are discussed and relevant specimens listed. *Orthomnion yunnanense* T.J. Kop. *et al.* is new record for Nepal.

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Key words: China, habitats and substrates, Hunan, *Mnium trichomanes*, *Plagiomnium acutum*, *P. cuspidatum*, *P. medium*, *P. rostratum*, *P. venustum*, *P. vesicatum*, ranges in China, total ranges