



Notes on Early Land Plants Today. 34. Validation of *Scapania gaochii* (Scapaniaceae, Marchantiophyta)

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Scapania gaochii was described from Yunnan without indication of the herbarium where the type was conserved. Therefore, this name was invalidly published (ICN Art. 37.7; McNeill *et al.* 2012) and needs validation.

The format of this note follows Söderström *et al.* (2012) except that we use the Melbourne International Code of Nomenclature for algae, fungi, and plants (ICN; McNeill *et al.* 2012) instead of the Vienna International Botanical Code of Nomenclature (ICBN; McNeill *et al.* 2006).

Scapania gaochii* X.Fu ex T.Cao, *sp. nov.

Based on:—*Scapania gaochii* X.Fu ex T.Cao, *Acta Bot. Yunnanica* 25: 541, 2003 (Cao *et al.* 2003) *nom. inval.* (ICN Art. 37.7; herbarium not indicated).

Type:—CHINA. Yunnan: Bijiang, Gaoligong Shan, alt. 3 150–3 400m, under forest of *Sinarundinaria* sp., Zang Mu 5462 (holotype HKAS, isotype IFSBH)

Note:—The description in Cao *et al.* (2003: 541) validates the taxon together with the current citation of the holotype.

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References

- Cao, T., Sun, J., Yu, J. & Song, G.-Y. (2003) *Scapania gaochii*, a new species of Hepaticae from Yunnan, China. *Acta Botanica Yunnanica* 25: 541–543.
- McNeill, J., Barrie, F.R., Buck, W.R., Demoulin, V., Greuter, W., Hawksworth, D.L., Herendeen, P.S., Knapp, S., Marhold, K., Prado, J., Prud'homme van Reine, W.F., Smith, G.F., Wiersema, J.H. & Turland, N.J. (2012) International Code of Nomenclature for algae, fungi and plants (Melbourne Code) adopted by the Eighteenth International Botanical Congress Melbourne, Australia, July 2011. *Regnum Vegetabile* 154: 1–240.
- McNeill, J., Barrie, F.R., Burdet, H.M., Demoulin, V., Hawksworth, D.L., Marhold, K., Nicolson, D.H., Prado, J., Silva, P.C., Skog, J.E., Wiersema, J.H. & Turland, N.J. (2006) International Code of Botanical Nomenclature (Vienna Code) adopted by the Seventeenth International Botanical Congress Vienna, Austria, July 2005. *Regnum Vegetabile* 146: 1–260.
- Söderström, L., Hagborg, A. & von Konrat, M. (2012) Notes on Early Land Plants Today. *Phytotaxa* 65: 41–42.