

Taxonomic Results of the BRYOTROP Expedition to Zaire and Rwanda

21. Mniaceae

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Plagiomnium T. Kop.
for African taxa and synonymy see Koponen (1981, 1992).

P. rhynchophorum (Hook.) T. Kop. var. *rhynchophorum*

The specimen represents a rather typical African form of this taxon. The marginal teeth of the leaf are small and the leaf cells near isodiametric, but on the basis of the clearly differentiated juxtacostal cells, the specimen belongs to var. *rhynchophyrum*. Two other tropical African species are *Plagiomnium cuspidatum* (Hedw.) T. Kop. and *P. undulatum* (Hedw.) T. Kop. which differ by having an acute or cuspidate leaf apex, which in *P. rhynchophorum* tends to be emarginate and apiculate, and having sharper and larger projecting marginal teeth on their leaves. The distribution of *P. rhynchophyrum* is mapped and African specimens listed in Koponen (1981).

Karisimbi: 159*, *Pócs* 8216.

* number of collecting site.

For locality data and a description of the collecting sites see the contribution by E. Fischer on the vegetation of the study area in this volume (*Tropical Bryology* 8: 13-37, 1993). The specimens are deposited at the Botanical Museum Berlin as well as

in the herbarium of the author (except for unicates).

References

Koponen, T. 1981. A synopsis of Mniaceae (Bryophyta): V. Taxa in Africa South of the Sahara. - *Ann. Bot. Fennici* 18: 105-111.

Koponen, T. 1992. Miscellaneous notes on the Mniaceae. XVI. *Plagiomnium undulatum* in Ethiopia. - *Bull. Jard. Bot. de l'Etat Bruxelles* 62 (to be submitted).

