

CONTRIBUTIONS TO THE CHOROLOGY OF SOME MOSSES

WALLFISCH Richard

Abstract: A new variety of *Dicranella subulata* is reported from Romania, as well as two new localities for some rare species of mosses.

Key words: *Dicranella subulata* var. *curvata*, *Helodium blandowii*, *Bryum weigelli*, Romania.

In a collection of mosses from zone “Cota 1400 1500” (Bucegi Mountains, Sinaia) (leg. C. Ciolac in May 2004) we identified a variety of *Dicranella subulata* (Hedw.) Schimp. (syn. *D. secunda* Lindb.) having the entire leaf subula minutely toothed, while in the common form this has only at the extreme tip a few teeth. The moss has following main characteristics: sudden transition from the wide vaginant basal part to the much narrower, long subula. The latter presents on its whole length minute teeth, which extend to the “shoulder” of the base. Existing setae are red. There was no mature capsule. Mr. Gheorghe Dihoru has examined also a sample of the plant and confirmed our observations. According with Pedrotti (2001), this taxon belongs to *Dicranella subulata* (Hedw.) Schimp. var. *curvata* (Hedw.) Rabenh. So, this variety is for first time reported from Romania.

In a collection of mosses from Schitul Lainici (right hand bank of the Jiu river) (leg. Paulina Anastasiu in August 2004) we found a single plant of *Helodium blandowii* (Web. & Mohr) Warnst. characterised by uniseriate paraphyllia at the base of leaves. This observation is noteworthy because the species is considered rare in Romania (Mohan & Ardelean 1998), and there is no bog proper at the site.

Another interesting finding was the identification of *Bryum weigellii* Spreng. constituting a rich population on Brâna Crucii (Bucegi Mountains) at an altitude of over 2000 metres (leg. G. Negrean in 18 August 2000).

References

1. CORTINI PEDROTTI Carmela 2001. *Flora dei muschi d'Italia. Sphagnopsida, Andreaeopsida, Bryopsida* (I parte). Milano: Antonio Delfino Editore Medicina-Scienze. Pp. 208-209; 611-612.
2. MOHAN G. & ARDELEAN A. 1998. *Briofite (Determinator Ilustrat din Flora României)*. Arad: Edit. Univ. “Vasile Goldiș” din Arad. Pp. 398.

CONTRIBUȚII PRIVIND COROLOGIA UNOR SPECII DE MUȘCHI

Rezumat: Nota relatează despre identificarea unei varietăți noi de *Dicranella subulata* și indică două noi localități pentru briofite considerate ca rare în România.

Cuvinte cheie: *Dicranella subulata* var. *curvata*, *Helodium blandowii*, *Bryum weigelli*, România.