

Nové nálezy hub v Československu

Czechoslovak records

26. *Aleuria rhenana* Fuckel

Summary

Aleuria rhenana Fuck. is reported from Czechoslovakia for the first time according to the single collection in central Slovakia, Malá Fatra Mts., near a village Bystrička, district of Martin, on clayey soil in a forest of *Fagus sylvatica* on the bank of the "Bystrička" rivulet, cca 700 m a. s. l., 18. VIII. 1984, leg. dr. Ladislav Hagara, det. Jiří Moravec (BRA). The concept of *A. rhenana* is the same as that of Saccardo (1889), and recently Heim (1962) and Rifai (1968) consider *Aleuria splendens* Quélet a synonym. The ascospore size of the Slovakian collection is in a dimension between the two taxa. Ascospore ornamentation was studied under the light microscope (oil immers 1575 x + CB) and Scanning electron microscopy (SEM, Tesla) of ascospores was also made. Drawings and photographs are given. Fine and dense wrinkles have been found among the coarse and high ridges of the main reticulum by light microscope which have been recognized as fine, venose, elevated, or very fine and low ridges or warts which had not been noticed and published before. They represent quite different phenomena than alveoles which were found among the main ascospore sculpture of *Aleuria bicucullata* (Boud.) Gill. which appeared as a fine reticulum (J. Moravec 1972) under light microscope, and, proved to be alveoles by SEM (Dissing 1983).