Brunnipila calycioides (Rehm) Baral
an alpine fungus new to Poland

ANDRZEJ CHLEBICKI

Institute of Botany, Polish Academy of Sciences, Podwale 75, 50-449 Wroclaw, Poland

First locality of B. calycioides in the Polish Carpathians is described. A correct basionym for B. calycioides is given.

INTRODUCTION

Until now B. calycioides has not been reported from the Poland. This hyaloscyphaceous species always occurs on Juncus trifidus in the Alps and Carpathians (Rehm, 1881, 1882, 1896; Husz, 1920-21; Velenovský, 1934; Světček, 1962; Kubíčka, 1976; Baral, 1985). It has been described by Rehm as Dasyscypha, Lachnum and Lachnella. Saccardo (1889) on the basis of herbarial specimen of Peziza calycioides Rehm (Ascom. exs. n. 159) transferred it to the genus Dasyscypha. Because the genus Dasyscypha = Dasyscyphus is very heterogenous, some new genera were raised (Denniss, 1978). Recently Baral (1985) erected new hyaloscyphaceous genus Brunnipila for type species Peziza clandestina Bulliard ex Mérat. Baral (l. c.) selected not accurately basionym for B. calycioides as Dasyscyphus calycioides Rehm, Hedwigia 3: 4, 1882 when it should be Dasyscypha calycioides Rehm, Ber. Naturh. Ver. Augsburg 26: 42, 1881. Rehm (1881, 1882) probably was mistaken when he gave Nardus stricta as substratum. In later paper (Rehm, 1896) he gave Juncus Hostii = J. trifidus subsp. monanthos (Jacq.) Ascherson and Graebner (Fl. Europ. 5: 105) as host-plant. Similarly, later mycologists found it only on Juncus trifidus (Husz, 1920-21; Velenovský, 1934; Světček, 1962; Kubíčka, 1976; Baral, 1985.
Brunnipila calycioioides (Rehm) Baral

Synon.: Dasyscypha calycioioides Rehm, Hedwigia 3: 40, 1882; Dasyscypha calycioioides (Rehm) Sacc., Syll. fung. 8: 467, 1889; Lachnum calycioioides Rehm, Rabenhorst’s Krypt.-Fl. 3: 909, 1896; Lachnella calycioioides Rehm, Migula Krypt.-Fl. 3 (3): 1139, 1913.
Exsicc. HCH, author’s herbarium No 646.

*Fig. 1. Brunnipila calycioioides*
Apothecia scattered (Fig. 1a), cup-shaped, 360-500 μm long, short stalked (Fig. 2), dark-brown, covered with septate yellowish brown hairs 4 μm diam., up 60 μm long, encrusted throughout with minute colourless granules (Fig. 1b), obtuse. Asci cylindric-clavate 40-46 x 4-5.7 μm; ascospores hialine, biseriate, narrowly fusiform, non-septate 9.6-11.5 x 2.0-2.5 μm; paraphyses cylindric-lanceolate, 4-5 septate 30-48 x 2.0-2.5 μm (Fig. 2c). On dead wilted blades of *Juncus trifidus*, 8 June 1985, Babia Góra National Park (Polish Western Carpathians), *Juncus trifidi-Festucetum supinae*, on the flat ridges between the peaks of the mountain - Gówniak and Diablak in the alpine zone (1650 m a.s. l.).
Brunnipila calycrioides (Rehm) Baral – nowy dla Polski gatunek z grupy grzybów alpejskich

STRESZCZENIE