

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

ANDRZEJ CHLEBICKI

Institut of Botany, Polish Academy of Sciences, Podwale 75, 50-449 Wrocław, Poland

Chlebicki A.: *Brunnipila calycioides (Rehm) Baral an alpine fungus new to Poland. Acta Mycol. XXVI (2): 33-36, 1990.*

First locality of *B. calycioides* in the Polish Carpathians is described. A correct basonym 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; Svrček, 1962; Kubička, 1976; Baral, 1985). It has been described by Rehm as *Dasyscypha*, *Lachnum* and *Lachnella*. Saccardo (1889) on the basis of herbarial specimens 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 (Dennis, 1978). Recently Baral (1985) erected new hyaloscyphaceous genus *Brunnipila* for type species *Peziza clandestina* Bulliard ex Mérat. Baral (l. c.) selected not accurately basonym 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, 1920-1921; Velenovský, 1934; Svrček, 1962; Kubička, 1976; Baral, 1985).

*Brunnipila calycioides* (Rehm) Baral

Basonym: *Dazycypha calycioides* Rehm, Ber. Naturh. Ver. Augsburg 26: 42, 1881.

Synon.: *Dazycypha calycioides* Rehm, Hedwigia 3: 40, 1882; *Dazycypha calycioides* (Rehm) Sacc., Syll. fung. 8: 467, 1889; *Lachnum calycioides* Rehm, Rabenhorst's Krypt.-Fl. 3: 909, 1896; *Lachnella calycioides* Rehm, Migula Krypt.-Fl. 3 (3): 1139, 1913.

Exsicc. HCH, author's herbarium No 646.

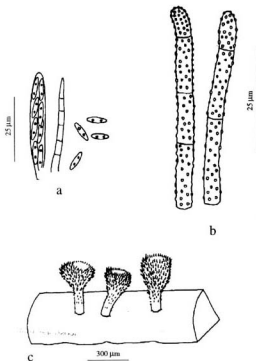


Fig. 1. *Brunnipila calycioides*

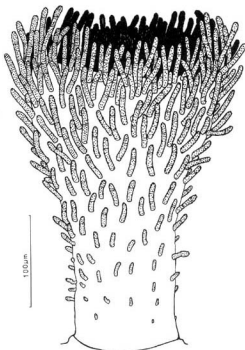


Fig. 2. *Brunnipila calycioides* (Rehm) Baral, external appearance of apothecium

Apothecia scattered (Fig. 1a), cup-shaped, 360-500  $\mu\text{m}$  long, short stalked (Fig. 2), dark-brown, covered with septate yellowish brown hairs 4  $\mu\text{m}$  diam., up 60  $\mu\text{m}$  long, encrusted throughout with minute colourless granules (Fig. 1b), obtuse. Asci cylindrical-clavate 40-46  $\times$  4-5,7  $\mu\text{m}$ ; ascospores hyaline, biseriate, narrowly fusiform, non-septate 9,6-11,5  $\times$  2,0-2,5  $\mu\text{m}$ ; paraphyses cylindrical-lanceolate, 4-5 septate 30-48  $\times$  2,0-2,5  $\mu\text{m}$  (Fig. 1c). 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 - Glówniak and Diablak in the alpine zone (1650 m a. s. l.).

## REFERENCES

- B q r a l H. O., 1985. Bausteine zu einer Ascomyceten flora der Bundesrepublik Deutschland [In:] Süddeutschland gefundene, Inoperculate *Discomycetes* mit taxonomischen, Ökologischen, chorologischen Hinweisen. Beih. Zeitschr. Mykol. 6: 49.
- D e n n i s R. W. G., 1978. British *Ascomycetes*. J. Cramer, 585 ss.
- H u s z B., 1920-21. Beiträge z. Kenntnis d. mikroskopischen Pilzflora d. Hohen Tatra u. d. Zips. Bot. Közlem., 19 (1-6): 96-105.
- K u b i c k a J., 1976. Huby. [In:] Zborník Prác o Tatranskom Národnom Parku. Vyd. Osveta, Tatranska Lomnica: 195-205.
- R e h m H., 1881. *Ascomyceten* in getrockneten Exemplaren herausgegeben. Ber. Naturh. Ver. Augsburg 26: 42.
- R e h m H., 1882. *Ascomyceten* in getrockneten Exemplaren herausgegeben. Hedwigia 21: 40.
- R e h m H., 1896. *Ascomycetes*. [In:] Rabenhorst's Krypt.-Fl. 3: 909.
- S a c c a r d o P. A., 1889. Sylloge fungorum 8: 467.
- S v r č e k M., 1962. *Discomycety z Nizkych Tater, nalezené behem posjzdové eskurze II SEM*. 1960. Česka Mycol. 16 (2): 93.
- V e l e n o v s k ý J., 1934. Monographia *Discomycetum Bohemiae* 1, 2. Pragae.

*Brunnipila calycioides* (Rehm) Baral – nowy dla Polski gatunek  
z grupy grzybów alpejskich

## STRESZCZENIE

Grzyb *Brunnipila calycioides* został zebrany na *Juncus trifidus* w szczytowej partii Babiej Góry. Grzyb był dotychczas znany pod kilkoma nazwami rodzajowymi, takimi jak *Dasyzocypha* = *Dasyzocyphus*, *Lachnum*, *Lachnella* i *Peziza*. Ostatnio B a r a l (1985) wprowadził nową nazwę rodzajową *Brunnipila*. Skoerygowano niewłaściwie podany bazonim dla tego gatunku.