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A New Ascomycete Genus (*Cyathipodia* Boud.) Record For The Fungi Flora of Turkey

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Abstract: In this study *Cyathipodia* Boud., a member of the *Helvellaceae* family (*Pezizales*, *Ascomycetes*) was recorded for the first time from Turkey.

Key Words: A new record, Ascomycetous Fungi, Turkish Mycoflora.

Türkiye Fungus Florası İçin Yeni Bir Askomiset Cinsi (*Cyathipodia* Boud.) Kaydı

Özet: Bu çalışmada, *Helvellaceae* familyası (*Pezizales*, *Ascomycetes*)'nin bir üyesi olan *Cyathipodia* Boud. cinsi Türkiye'den ilk defa kaydedilmiştir.

Anahtar Sözcükler: Yeni Kayıt, Askomiset Funguslar, Türkiye Mikoflorası.

Introduction

A specimen of macrofungi collected during field trips in 1995 was identified as *Cyathipodia villosa* (Hedw. ex O. Kuntze) Boud. In the light of the literature on Turkish macrofungi (1), this taxa is a new genus record for the Turkish mycoflora. The identification of the taxa was carried out using literature on ascomycetous macrofungi (2-5). The specimens were collected and identified using the methods of Watling (6). The specimens are kept at the herbarium of Uludağ University (Bursa).

The Description of Taxa

Cyathipodia villosa (Hedw. ex O. Kuntze) Boud.

Fruiting body 30-40 mm, irregularly dish to slightly saddle-shaped (Figure 1a, 2), somewhat compressed

from side to side, margin sinuous, bent inward, an slightly notched, sometimes rather split. *Hymenium* smooth and dull, dark gray to gray-brown, outer surface and margin finely felty-furfuraceous, somewhat lighter gray-brown. *Stalk* cylindrical, more rarely somewhat furrowed longitudinally, white to cream-colored, solid, 10-15 mm long and 3-5 mm thick, smooth, but finely furfuraceous toward the tip.

Ascospores 17.5-18x10-12.5 μ broadly elliptical, smooth with a large drop (Figure 1b), Asci eight spored (Figure 1c) paraphyses cylindrical (Figure 1d).

5 km along the İzmir-Manisa road stream bank, among grass on sandy soil, 20 April 1995, Solak 407.

References

1. Baytop, A., Türkiye'nin Makrofungusları ile ilgili bir yayın listesi, Tr. J. of Botany 18, 175-185 (1994).
2. Breitenbach J., Kranzlin, F., Fungi of Switzerland, Volume 1, Verlag Mycologia, CH-6000 Luzern (1984).
3. Bon, M., The Mushrooms and Toadstools of Britain and North-Western Europe, Domina Books Ltd. Jersey (1987).
4. Philips, R., Mushrooms and Other Fungi of Great Britain and Europe, Pan Books Ltd. London (1981).
5. Pacioni, G., The Macdonald Encyclopedia of Mushrooms and Toadstools, Macdonald and Co Ltd. London (1985).
6. Watling, R., Identification of the Larger Fungi, Hulton Educational Publications Ltd. Bucks (1973).

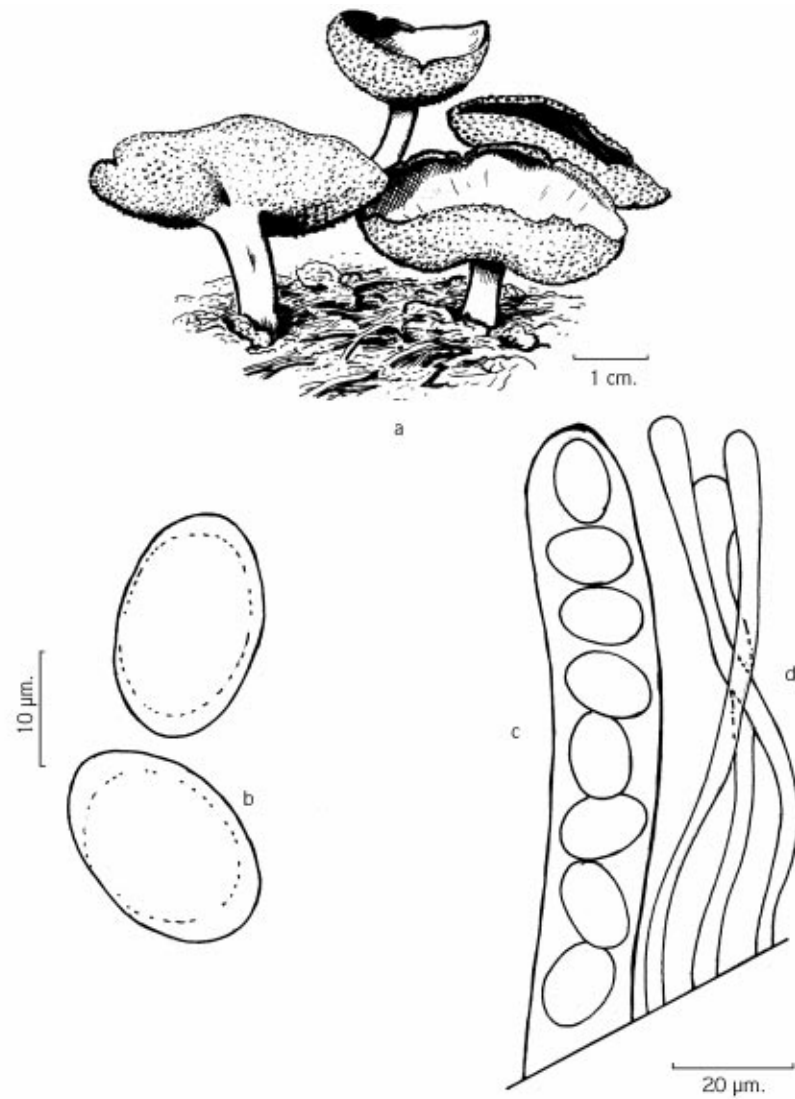


Figure 1. *Cyathipodia villosa*
1a. ascocarp, 1b. Ascospores,
1c. Asci, 1d. Paraphyses



Figure 2. *Cyathipodia villosa* (Hedw. ex
O. Kuntze) Boud.