

***Cuphophyllus roseascens* (Basidiomycetes, Agaricales) found in Bosnia and Herzegovina**Dusko Trivič<sup>1</sup><sup>1</sup><https://www.facebook.com/dusko.trivic.9>**Key words:***Hygrophoraceae*

Banja Luka, Prijedor

**Abstract:** An interesting Bosnian collection of *Cuphophyllus roseascens* is described on a morphological base with colour images of the fruitbodies and their main micro characters.**INTRODUCTION**

Fresh basidiomes were photographed in situ; all data and images of microcharacters were obtained from observations on fresh material. The collection is housed in the author's personal herbarium.

***Cuphophyllus roseascens*** (E. Ludw. & J.G. Svenss.) Lebeuf*Index Fungorum* 359: 1 (2018)**BRIEF DESCRIPTION**

Pileus 7 – 14 mm broad, low convex then applanate, sometimes with a small umbo, sometimes depressed with age, margin somewhat undulating-sulcate, uplifted with age; minutely tomentose with squamules at centre, brown to nut-brown or pinkish nut-brown with date-brown centre, discoloring finally to pinkish with whitish margin, striation not seen. Gills distant, with lamellulae, decurrent, ventricose, whitish, anastomosed. Stipe 18 – 25 × 2 – 3 mm, cylindraceous, central to sub eccentric, whitish to greyish or with a faint pinkish hue.



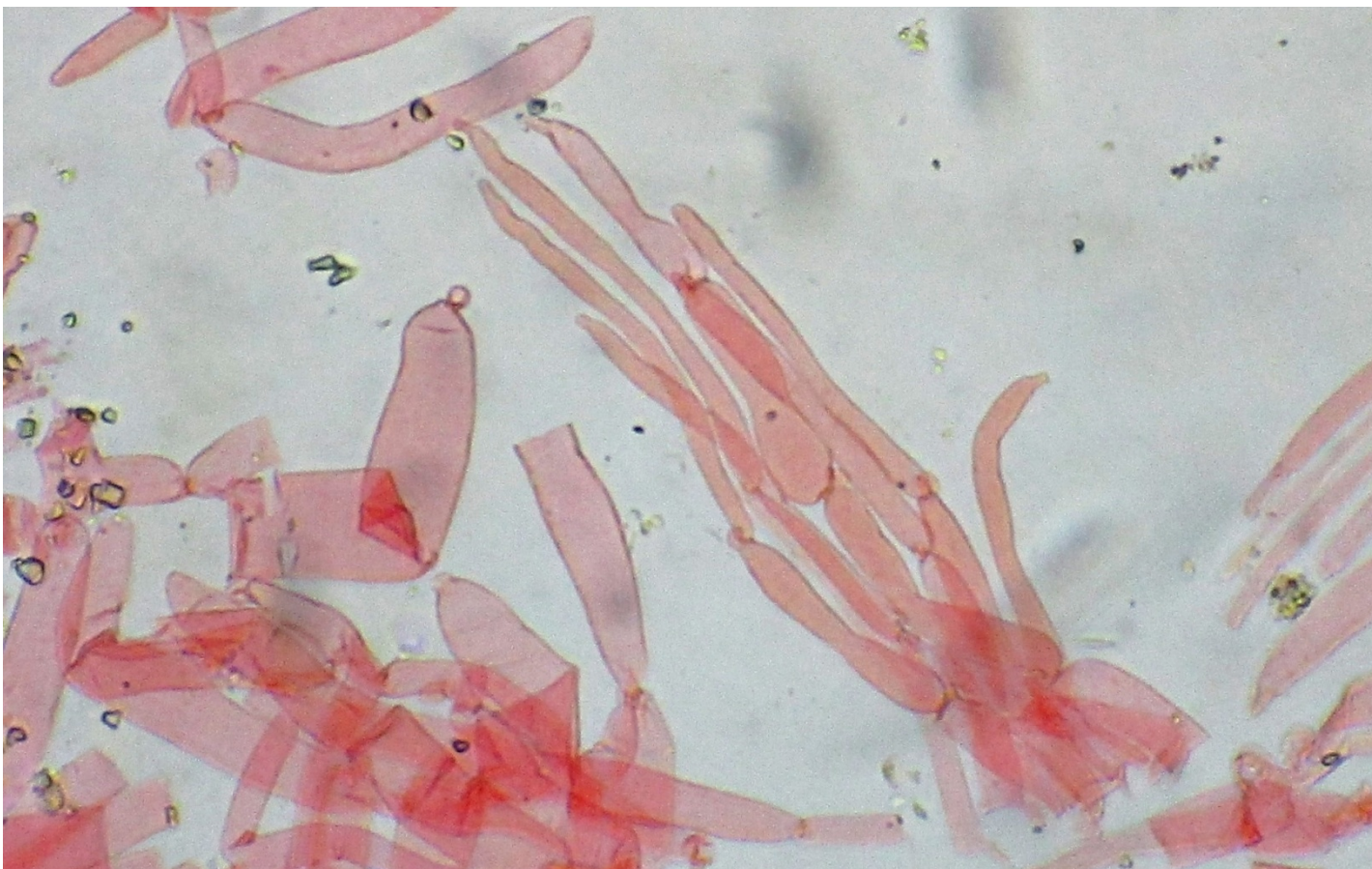
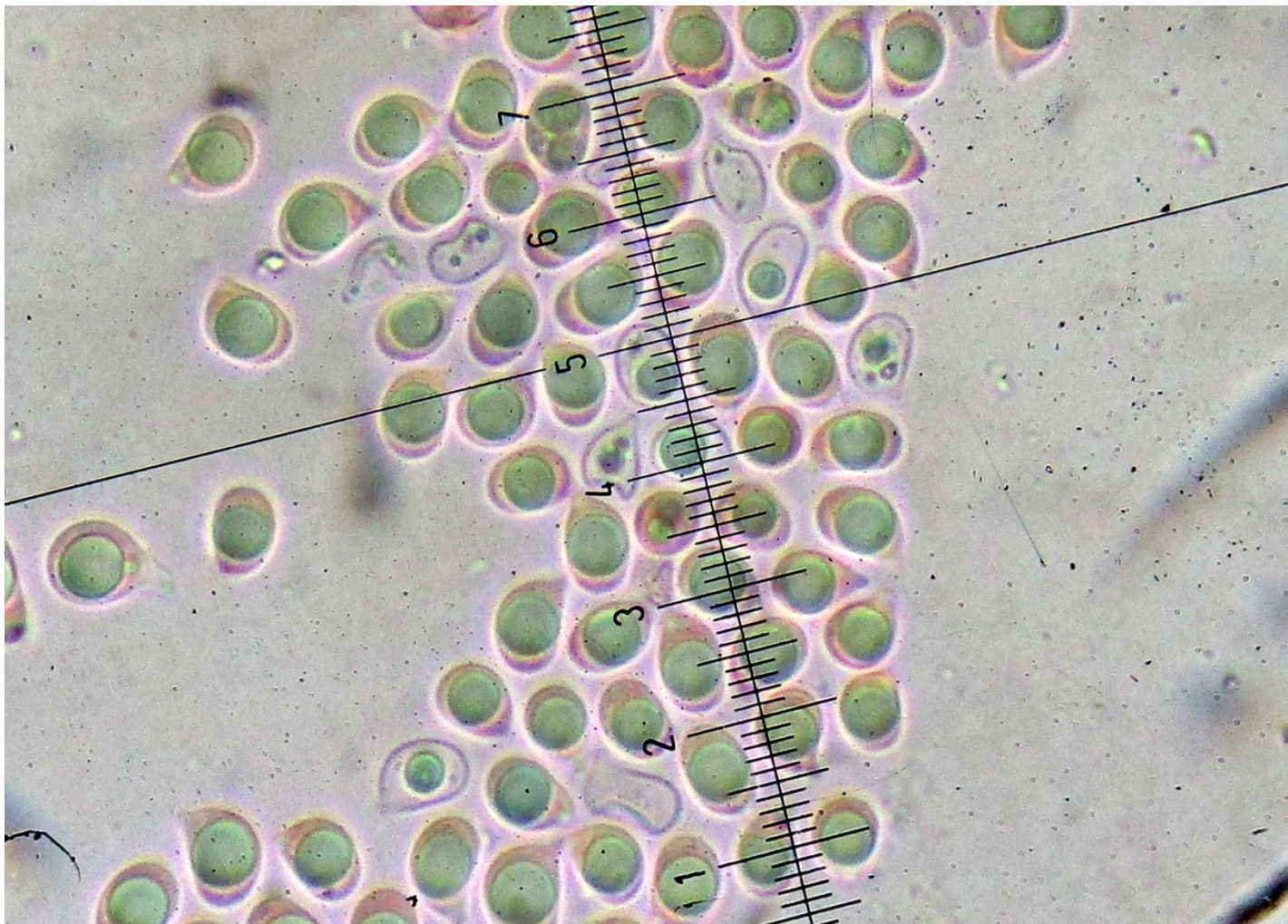






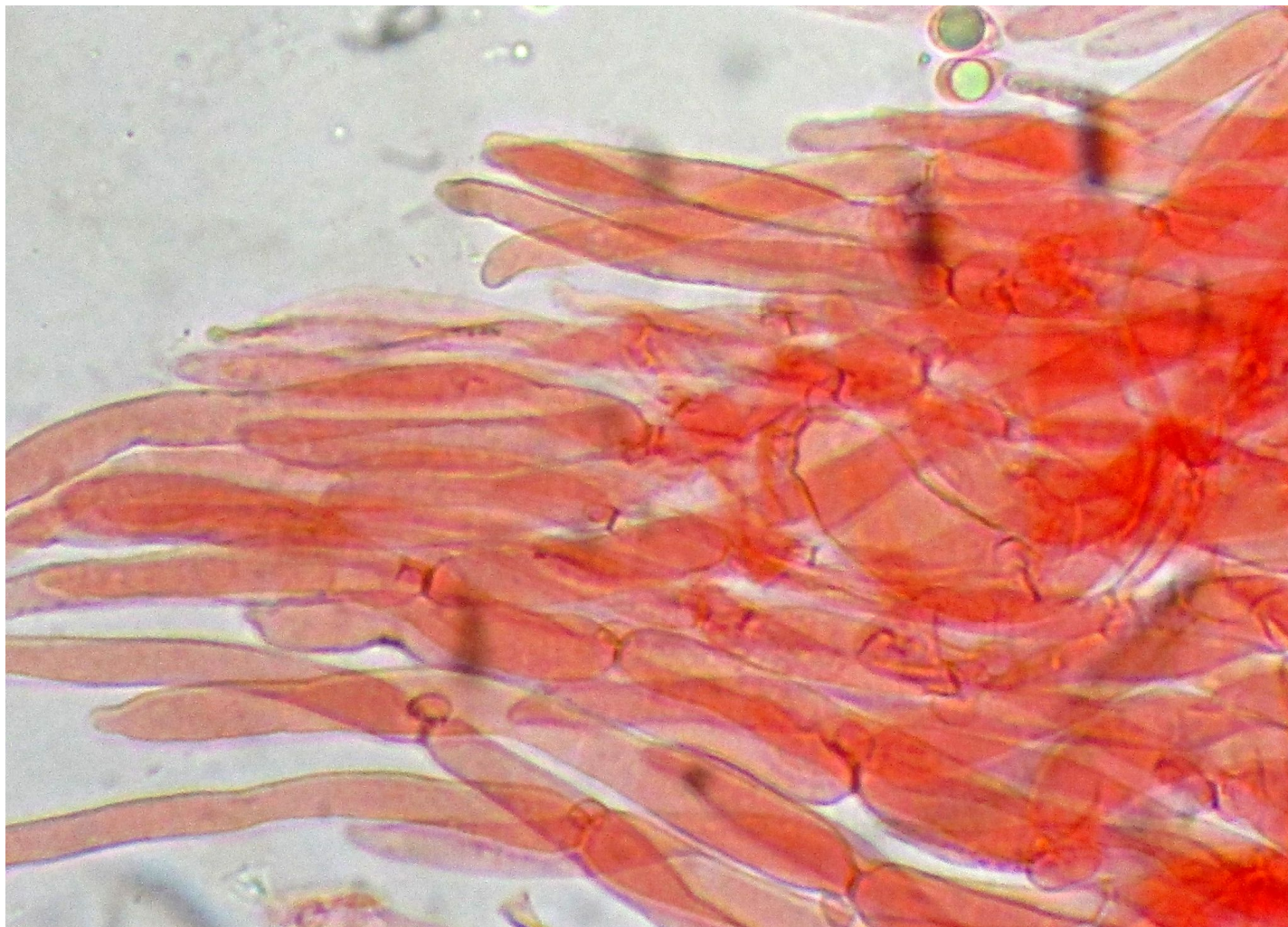
Mushrooms size in comparison with *Oryza sativa* (barley) grains





Spores above. Pileipellis below





Pileipellis

Spores  $6.5 - 8.5 \times 5.0 - 6.0 \mu\text{m}$ ,  $Q = 1.11 - 1.54$  (1.62), broadly ellipsoid to sub globose, sometimes in side view elliptic-amygdaliform, smooth, germ pore absent, apiculus distinct. Hymenial cystidia absent. Pileipellis at centre a trichoderm. Clamp connections present.

**Habitat and collection examined:** Bosnia and Herzegovina, Banja Luka, Prijedor, Selo Volar, gregarious in a very humid meadow dominated by *Erigeron annuus* at a forest margin, 13 June 2023, D. Trivić, in pers. herb.

## NOTES

*Cuphophyllus roseascens* is characterized by the peculiar presence of pinkish tints which are more and more evident with the discoloration of the pileus. Other characters are the dry surfaces of the carpophore, a trichodermal pileipellis, a low spore quotient, and a preference for hygrophilous habitat.

The Bosnian collection shares its morphological data with the descriptions consulted (Ludwig 2004; Boertmann 2010; Sarraillon 2012). The Canadian website [www.mycoquebec.org](http://www.mycoquebec.org) also has a descriptive page for a collection identified as *C. aff. roseascens* which seems well corresponding to the European species.

This Bosnian material could represent the southernmost find in Europe for this species.

## ACKNOWLEDGEMENTS

I thank the editorial board of the journal MycolObs and the online mycological forum of the same journal for the assistance received.

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