

Nomenclatural novelties : Renato Brotzu, Livio Lorenzon, Fabio Padovan, Francesco Bellù, Bálint Dima

Cortinarius hemicaeruleus Brotzu, Lorenzon, Padovan, Bellù & Dima, sp.nov.

IF556629

Pileus convex with involute margin when young, flattened in adult specimen, smooth or slightly tomentose in the center, colour brownish, brown chocolate, with very slight veil residues in the center, clearly violet for some centimeter, especially in young specimens diameter from 4 to 15 cm Lamellae moderately narrow, slightly sinuous, slightly whitish lamellas on the edge, more violet towards the pileic margin and then clearly brownish adnexed-adnate to the stipe. Stipe very robust, 5 to 12 cm long, 2-4 cm diam., cylindrical, sometimes a little inflated in the middle part and then fusiform towards the base surface whitish, covered with ochre-brownish cortina residues also a little violet at the apex of the stipe and slightly darkening at the touch in the lower half. Context very hard and coriaceous, sometimes with almost woody consistency, whitish in colour, but quickly turning to light blue in the pileus the context remains hard and woody for several days (the original collection, without particular protection or preservation, has been preserved in the air in perfect conditions for up to 30-40 days) scent a little earthy, taste mild. Growing as single basidiomes, but also often caespitose, with 3-4 specimens growing together Basidiospores elliptical-subamigdaliform, with striking elongated apiculi, finely verrucous, 10-12 (-13) x 5-6 µm. Pileipellis formed by interwoven hyphae, provided with clamp connections, about 7 µm diam., barely encrusted and with a predominant intracellular, yellow-brown pigment.

Holotype IBF 20120146.

Associated with *Abies cephalonica*, with some *Cedrus* in the surroundings, legit R. Brotzu, L. Lorenzon & F. Padovan, 9th November 2012, locality Vallicciola, Monte Limbara (Sardinia, Italy). The ITS sequence deposited in GenBank AY669526 by Garnica as *Cortinarius balteatus* (TUB011844) is identical to the sequence generated for the type. Additional material studied: locality Vallicciola, Monte Limbara (Sardinia, Italy), legit L. Lorenzon & R. Brotzu, 20th November 2015, in Herbarium IBF20150144; Vizcaya, Arimekorta-Zeanuri, Spain, associated to *Pseudotsuga menziesii*, legit Antonio Muñoz Sanchez, 7th October 2016 (as *Cortinarius veneris*), in Herbarium IBF20160122.