

# On the type of *Coprinus herinkii*

## Original description

*Coprinus herinkii* Pilát & Svrček in *Ceská Mykol.* 21: 137. 1967 (Revisio specierum sectionis *Herbicolae*). Holotype: Czechoslovakia: Bohemia, Vodňany, on grass, 12 Aug. 1938, J. Herink (PRM 499700).

*Coprinus herinkii* sp. nov. - Fig. 1. Syn.:? *Coprinus microspermus* Lange, *Fl. Ag. Dan.* 4: 112, 1939 (nomen nudum).

**P i e u s** late campanulatus, exsiccatus 2,5 mm latus, dein explanatus, statu vivo probabiliter aibus, exsiccatus pallide brunneus, velo crasso e hyphis crasse tunicatis, aculeiformiter ramosis, in squamulas areolatas, relativiter magnas, ambitu sat irregulares tectus. In rimis squamularum cutis pilei albida et distincte quam squamulae pallidior apparet.

**S t i p e s** rectus, 5-6 mm longus, 0,3 mm crassus (statu vivo probabiliter ca 0,5 mm crassus), albus, exsiccatus pallide brunneus, angulo recto insidens, quasi msitus, basi pilis setiformibus, hyalinis, baud crebris muni'tus, ceterum subglaber, solum apice minime (sub lente) albido-pruinosis.

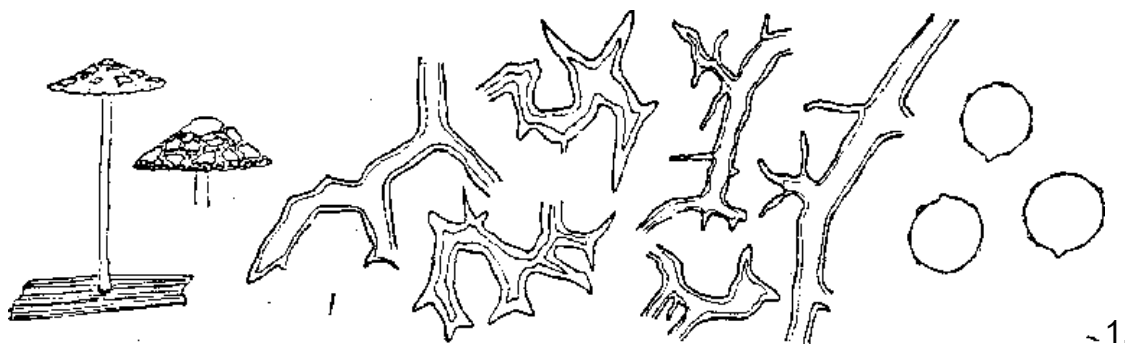
**L a m e l l a e** sparsae, haud furcatae, ca 20.

**V e l u m** conspecte evolutum, e hyphis 6-8  $\mu$ m crassis, conspecte lucem frangentibus, crasse tunicatis, cum ramulis brevioribus, aculeiformibus 1-2  $\mu$ m crassis et 4-15  $\mu$ m longis, apice angustatis vel acutatis, crasse tunicatis, lumine saepe solum aJigusto provisus constans.

**H y p h a e t r a m a e** in statu adulto parum distinctae, deliquescentes, hyalinae vel minime brunneolae, haud crassae. Basidia statu adulto iam soluta.

**S p o r a e** copiosae, globosae et paulum subangulata'e, apiculo parum distincto provisae, superficie reliquiis subhyalinis perisporii agglutinalis instructae, obscure brunneae, sed pellucidae, parte interiori magis lucem frangenti et poro germanitivo tndistincto curata'e, 6-7,5  $\mu$ m diam.

**H a b.** Unum carposoma bene evolutum ad folium emortuum graminis in silva 'Cernohaj' prope Vodnany, Bohemiae meridionalis, 12. VIII. 1938 Dr. Josephus Herink legit. Typus PR 499770. **A d n o t a t i o n e s.** Sporae huius speciei forma et dimensionibus sporas Coprini angulati sensu Lange (*Fl. Ag. Dan.* 4 : 115, tab. 157 D) similes sunt, qui teste Klibner et Romagnesi (*Fl. anal.* p. 384, 1953) *Coprinum patouillar-dii* var. *Upophilum* Heilc. et Romagnesi representat. *Coprinus angulatus* Peck nomen validum pro *Coprinus boudieri* Quel. est. *Coprinus microspermus* ], Lange (1939, 4:112) (nomen nudum) cum sporis globosis 6x5-5,5 u cum specie nostra fortasse identicus.



*Coprinus herinkii* Pil. et Svr. - Bohemia meridionalis: Vodnany, in silva 'Cernohaj', 12. VIII. 1938 leg. J. Herink (typus).

Observations:

Spores [20,1,1] 4.7--5.7 x 4.8--5.7 x c. 5 μm, rather dark red-brown, globose, somewhat lentiform, somewhat marbled; Q= 0.95--1.05, av. Q= 1.00; av. L= 5.3, av. B= 5.2 μm. Germ pore central. Basidia and pseudoparaphyses not noted. Pleurocystidia 75--95 x 12--20 μm. Cheilocystidia not found. Veil very thick-walled, 2--8 μm wide; walls up to 3 μm thick and not or slightly coloured. Clamp-connections probably present, difficult to see.

Notes: the wart-like ornamentation of the perisporium, mentioned in the original description, has not been observed on the spores, either in Congo-Red or in water. The diameter of the spores given by Pilát & Svrtek (6--7.5 μm) is much larger than in the observations on the type.

Name: <i>Coprinus herinkii</i> Pilát & Svrtek		Herb. no. 1200	Jaar nr.
K	H.: _____	centr.: _____	rand: _____
L	St.: _____	basist: _____	top: _____
E	L.: _____	snede: _____	basis: _____
U	Vi.: _____		
R	St.vl.: _____		
Verkleuring:			
Kleur schubb., ves., enz. op H.: _____			
Kl. myc.: _____ op St.: _____			
Kl. rings: _____ Kl. volum: _____ Kl. spp.: _____			
Spores: 4.7-5.7 x 4.8-5.7 Q: 0.97-1.01-1.05 L-d: _____ Orn.: _____ Randyst.: _____ Q: _____ L-d: _____ Vlakcyst.: _____ Q: _____ L-d: _____ Lam.: _____ Tussenlan.: _____ Lam. per cm.: _____ Lam. breedte: _____ Basidien: _____ Q: _____ L-d: _____ " Av. length of spores 5.3 μ; av. B. = 5.2 μ			
BESCHRIJVING:			
The collection of <i>C. herinkii</i> was a fairly good one. The material was sufficient to study the most important microscopical characters. The original described warty appearance (rests of episporium?) of the spores, I did not find. ren alle benodigde kenmerken <i>Coprinus kubickae</i> is a good species on account of the small, globose spores.			
Veil: not or slightly coloured. Very thick walled; up to 3 μ thick. Pseudoparaphyses common. Apex rounded. Clamps?			
Vindpl. Bohem. exat. Vodňany, ad folium Graminis From: Koen Mija, v. 1926. 21, 2405 No. BETHEN to PLYN, av. 1-24 The Netherlands			