**MYCENA JUNIPERINA, A NEW MEMBER OF SECTION SUPINAE FROM NORWAY**

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*Mycena juniperina*, collected on bark of *Juniperus* in southern Norway, is proposed as a new species belonging to section *Supinae*. It is compared with the other species of the section, from which it is separated on account of the habitat, the pale brown colours of the pileus and the stipe, and some details in the microscopic features.

On the west coast of the Oslo fjord in southern Norway *Juniperus communis* is widely distributed, and in some places it actually dominates the landscape. Searching for Mycenas in these areas has proved to be rewarding, and several new or poorly known species have been found during the recent years (Aronsen & Maas Geesteranus, 1989; Maas Geesteranus, 1993; Aronsen, 1994a, and 1994b). *Mycena juniperina* is another new species, recently discovered on bark of *Juniper*. 

Sincere thanks are due to Dr. R.A. Maas Geesteranus, Leiden for preparing the Latin diagnosis, and for valuable advice.

*Mycena juniperina* Aronsen, *spec. nov.* — Fig. 1

Basidiomata dispersa. Pileus 2.5–8 mm latus, hemisphaericus vel convexus, sulcatus, pruinosus vel albo-puberulus vel subflocosus, pallide brunneus vel flavobrunneus, centro vulgo obscurior, margine pallidior vel albus. Caro tenuis, albidus, odore indistincta vel acidula. Lamellae (7–)10–12 stipitem attinentes, latiusculae, subadscendentes vel arcuatae vel subhorizontales, late adnatae, dente decurrentes, pallide flavido-cinereae, margine albo. Stipes 3–5 x c. 0.5 mm, aequalis vel supra et infra subincrassatus, cylindraceus, cartilagineus, fistulosus, pruinosus vel puberulus, subflavidus vel pallide brunneus, e disco basali fibrilloso natus.

Basidia 33–40 x 11.5–13.5 μm, clavata, 4-spora, fibulata, sterigmatibus usque ad 8 μm longis instructa. Sporae 8.8–11.2 x 8.1–10.5 μm, subglobose vel globose, leves, amyloideae. Cheilocystidia 22–40 x 7–11.5 μm, clavata, surculis simplicibus vel ramosis, curvatis, 2–23 x 0.7–1.5 μm munita, fibulata. Pleurocystidia nulla. Trama lamellarum iodi ope vinosens. Hyphae pileipellis 1.8–11.5 μm latae, fibulatae, varie diverticulatae. Hyphae stipitipellis 1.5–3.8 μm latae, fibulatae, diverticulatae, cellulae terminales copiosae, 23–43 μm longae, clavatae, varie diverticulatae.

Ad corticem *Junipi communis*.


Basidiomata scattered or in small groups. Pileus 2.5–8 mm, hemispherical to parabolically, finally convex, occasionally somewhat depressed in the centre or with a small papilla, conspicuously sulcate, pruinose to white-puberulous or even somewhat flocculose, pale brown or yellowish brown, often darker in the centre, with the margin paler to white. Flesh very thin, whitish. Odour not distinct or somewhat acidulous. Taste mild, not distinct. Lamellae (7–)10–12 reaching the stipe, fairly broad, somewhat ascending or
arcuate to subhorizontal, the edge concave to convex, broadly adnate with a decurrent tooth, sometimes decurrent far down the stipe, pale yellowish grey or beige with the edge white-pruinose. Stipe 3–5 × c. 0.5 mm, equal or somewhat widened below the lamellae, and sometimes also towards the base, terete, curved, cartilaginous, fistulose, pruinose to puberulous, beige to pale brown, the base attached to the substratum with a patch of radiating, fine, whitish fibrils.

Basidia 33–40 × 11–13.5 μm, clavate, 4-spored, clamped, with sterigmata up to 8 μm long. Spores 8.8–11.2 × 8.1–10.5 μm, subglobose to globose, smooth, amyloid. Cheilocystidia 22–40 × 7–11.5 μm, forming a sterile band (lamellar edge homogeneous), clavate, covered with unevenly spaced, simple to branched, curved to tortuous, often irregularly shaped excrescences, 2–23 × 0.7–1.5 μm, clamped. Pleurocystidia absent. Lamellar trama brownish viesenent in Melzer's reagent. Hyphae of the pileipellis 1.8–11.5 μm wide, clamped, with cylindrical, often curved, simple to branched excrescences which may grow out to coralloid masses. Hyphae of the cortical layer of the stipe 1.5–3.8 μm wide, with cylindrical excrescences 1–6 × 1–1.5 μm, clamped, the terminal cells abundant, 23–43 μm long, clavate, variously diverticulate.

On bark of living Juniperus communis.

Mycena juniperina belongs to section Supinae Konr. & Maubl. It differs from all the previously known species of the section (see Maas Geesteranus, 1984). Mycena corticalis A.H. Smith is the only member of the section that has been reported from conifer, but it has quite different cheilocystidia which are slender-clavate to almost cylindrical, only 2.5–5.5 μm wide, and have excrescences up to 40 μm long. In Mycena venustula Quél. the pileus is pinkish brown to flesh-coloured on a white back-ground, and the lamellar edge is also pinkish brown to flesh-coloured. Mycena supina (Fr.) Kummer differs in having cheilocystidia covered with unbranched, fairly short excrescences and smaller spores. The microscopic characters of M. juniperina show similarities to Mycena meliigena (Berk. & Cooke apud Cooke) Sacc. and Mycena pseudocorticola Kühn., but those species grow exclusively on bark of deciduous trees, they have a different colour of both the pileus and the stipe, the cheilocystidia occur mixed with the basidia, and the hyphae of the pileipellis have rather shorter excrescences.

Another species that frequently occurs in the same habitat as Mycena juniperina is Marasmiellus ramealis (Bull.: Fr.) Sing. to which it macroscopically bears a superficial resemblance. A closer examination, however, will clearly distinguish the two species.

REFERENCES