

## Matchmaker: Mushrooms of the Pacific Northwest

Below are written descriptions and images of fruiting bodies, mushrooms, of the fungal species in this ectomycorrhizal association. The information is from the web version of the Matchmaker: Mushrooms of the Pacific Northwest (MMPNW) created by the Canadian Forest Service and based on the Windows MMPNW version 1.3 by Ian and Eli Gibson.

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**LATIN NAME(S)** *Mycena oregonensis* Smith Mycologia 28: 413. 1936; *Mycena siskiyouensis* A.H.Smith Mycologia 28: 414. 1936

**NOTES** Section Deminutivae (Smith), Section Oregonenses (Maas Geesteranus); features include small size, moist striate cap that is bright yellow at first on disc and deeper on margin, yellow or orange or whitish gills with darker yellow edges, dry yellow stem covered with downy yellowish hairs, growth on individual conifer needles, white spore deposit, and elongate spores; found at least WA, OR, CA, Europe, and not uncommonly reported on foray lists from BC

**CAP** 0.2-1.0cm, parabolic to convex; bright yellow, hardly fading with age, (in European specimens the color is more orange or even orange-red); moist, not lubricous, faintly translucent-striate, delicately pruinose, becoming bald, (Maas Geesteranus), 0.2-1cm, tiny, obtusely conic to convex, often with a papilla, margin appressed against stem then flares and becomes wavy when old, frequently with broken edges; "capucine yellow" on disc, "deep chrome" toward margin; faintly hoary then polished, finely striate when moist, opaque after losing moisture, (Smith), 0.2-1.0cm but usually less than 0.5cm, obtusely conic to bellshaped with papilla, margin flaring and becoming wavy when old; bright orangy yellow to yellowish when older; moist, faintly hoary then polished, transparently grooved, (Phillips)

**FLESH** thin, brittle; yellowish, (Maas Geesteranus, Smith)

**GILLS** , broadly adnate, decurrent with a tooth, ascending, 9-16 reaching stem; pale greenish yellow or whitish, the edge bright yellow, (Maas Geesteranus), adnate developing decurrent tooth, distant to subdistant though sometimes appearing close (10-12 reach stem), up to 3 rows of subgills, narrow, broadest at point of attachment; "massicot yellow" or appearing whitish, edge "deep chrome" or nearly white when old, (Smith)



Fred Stevens (MykoWeb)



Boleslaw Kuznik



Boleslaw Kuznik

**STEM** 1-3cm x 0.05-0.07cm, hollow, fragile, straight to flexuous, round in cross-section; colored as cap or paler yellow; not glutinous when wet, , covered all over with yellowish pruinose-pubescence, becoming bald except at top, the base covered with coarse yellow fibrils, (Maas Geesteranus), 1-3cm x 0.05-0.07cm, equal, not fragile; colored as cap or paler, evenly colored with faint yellowish pubescence or pruinosity, base with scattered yellow hairs, (Smith)

**VEIL** none

**ODOR** not distinctive (Maas Geesteranus, Smith)

**TASTE** not distinctive (Maas Geesteranus, Smith)

**EDIBILITY** unknown (Phillips)

**HABITAT** scattered to gregarious on needles of Douglas fir and spruce, reported by Kauffman on pine needles and oak leaves, (Smith), inserted on fallen needles of Douglas fir and spruce, (Maas Geesteranus)

**SPORE DEPOSIT** white (Phillips)

**MICROSCOPIC** spores 7-10 x 2.5-4.4 microns, in the 2-spored variety this is 8-10 x 3.5-4 and in the 4-spored 7-8 x 2.5-3 microns (but Maas Geesteranus remeasured the width in holotype as 3.6-4.4), nearly cylindrical, tapered to a point at one end, often slightly curved, inamyloid; basidia either 2-spored or 4-spored (only 2-spored in Europe according to Maas Geesteranus), cheilocystidia abundant, 30-45 x 9-12 microns, subcylindric to fusoid-ventricose, smooth or rarely forked at top, outlines often wavy, filled with bright yellow substance, pleurocystidia similar, scattered to rare, often very difficult to locate on sections of revived material, (Smith)

**NAME ORIGIN** means 'from Oregon'

**SOURCES** Smith(1), Maas Geesteranus, Phillips\*

**FAMILY** Tricholomataceae of Order Agaricales