

## 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 aurantiidisca* Murrill Mycologia 8: 220. 1916

**NOTES** Section Adonidae (Smith), Section Adonidae (Maas Geesteranus); features include small size, bright orange striate cap which fades, white gills gradually tinged with yellow, white stem which becomes faintly yellow at base, and growth under Douglas fir and pine; Maas Geesteranus gives the -us ending for the species (*aurantiidiscus*), presumably regarding it as a noun; description derived from Smith except where noted; found at least WA, OR, ID, and frequent on foray lists from BC

**CAP** 0.7-2cm, bluntly to broadly conic, (Maas Geesteranus says to bellshaped, umbonate), margin appressed against the stem when young and flaring slightly when mature; bright orange becoming more yellowish then yellowish with white edges or whitish overall; bald, moist, striate

**FLESH** thin, fragile; orange to yellow

**GILLS** adnate to slightly hooked, close to subdistant (20-24 reach stem), narrow to slightly broader in the middle; white gradually tinged with yellow, edges colored as faces

**STEM** 2-3cm long and about 0.1cm wide, equal, straight, fragile, hollow; white in upper part, yellowish at base; base is very slightly covered in fine fibers, top of stem faintly pruinose

**VEIL** none

**ODOR** mild

**TASTE** mild

**EDIBILITY** unknown

**HABITAT** gregarious under Douglas fir and pine, spring and fall

**SPORE DEPOSIT** white

**MICROSCOPIC** spores 7-8 x 3.5-4 microns, elliptic, smooth, inamyloid; basidia 4-spored, 20 x 6 microns; pleurocystidia and cheilocystidia similar, 38-47 x 5-14 microns, fusoid with a long narrow neck, smooth in mounts of fresh material, very often having the neck or apex incrustated with an amorphous mass in mounts of revived material, colorless; cap trama with poorly differentiated pellicle, the tissue beneath it homogeneous or the upper part composed of only slightly enlarged hyphae, faintly vinaceous brown in iodine

**NAME ORIGIN** means 'with orange disc'

**SIMILAR** *adonis* (and some consider it a form of *adonis*), but *adonis* when young is scarlet when fresh and moist, and fades to yellow without whitish on margin

**SOURCES** Smith(1), Phillips\*, Maas Geesteranus (as *M. aurantiidiscus*)

**FAMILY** Tricholomataceae of Order Agaricales