

## 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.

[Click for further information about MMPNW](#)

Many illustrations need confirmation. Do not use this information to determine edibility.

I have read and agreed to the [disclaimer](#) and [copyright information](#).

**LATIN NAME(S)** *Inocybe assimilata* (Britz.) Sacc.; *Inocybe umbrina* Bres.

**NOTES** distinguished from similar species by umber brown distinctly cracked cap, brown stem, and small angular to obscurely nodulose spores; description derived from Stuntz(1) except where indicated; found at least WA, (Stuntz), NS (Grund)

**CAP** 2.5-4cm, bellshaped, becoming expanded with low umbo; umber brown; lubricous when moist, drying silky-smooth, bald at center, elsewhere long-cracked

**FLESH** 0.5cm at center, elsewhere thin; hygrophanous, pallid or ochraceous

**GILLS** adnate, uncinata, emarginate, seceding at length, close, thin, broad, 1.5cm x 0.5cm, ventricose; "snuff brown", "Saccardo's umber", "tawny olive", "Sudan brown", or "Brussels brown"; edges pallid-fringed

**STEM** 5-6cm x 0.4-0.5cm, equal or widening slightly downward, round, solid or hollow; at first "Mikado brown" to "onion-skin pink" becoming "Verona brown" to "Sayal brown", darker at base; satiny with a few superficial fibrils, white-mycelioid at base, white pruinose at top, (Stuntz), stem has rounded white bulb, (Moser)

**ODOR** none or faintly radish-like

**HABITAT** along paths under conifers

**SPORE DEPOSIT** presumably a shade of brown

**MICROSCOPIC** spores 6-8(9) x 4.5-6.5 microns, varying from angular to coarsely nodulose with 5-8 low obtuse nodules; pleurocystidia 36-50(60,75) x 10-17(21) microns, fusiform-clavate to clavate above a slender pedicel, thick-walled apically, cheilocystidia not very numerous, not projecting prominently, grouped in clusters of sterile cells, sterile cells numerous, cylindrical to clavate or saccate, densely clustered, often mingled with basidia, gill trama homogeneous, compact, the cells mostly rather short, inflated-cylindric or ventricose, lactifers few, thread-like, small, (Stuntz), most septa with clamps, (Grund)

**NAME ORIGIN** refers to umber color

**SOURCES** Stuntz(1) (as *I. umbrina* Bres.), Moser(1) (as *I. umbrina* Bres.), Grund(3) (as *I. umbrina* Bres.)

**FAMILY** Cortinariaceae of Order Agaricales