

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) *Pholiota terrestris* Overholts North Amer. Fl. 10: 278. 1924

ENGLISH NAME(S) terrestrial *Pholiota*

NOTES the only veiled brown spored mushroom that habitually grows in clusters on the ground; Smith(3) examined collections from BC, WA, OR, ID, CA, MI, WI, reported by Volk(3) from AK

CAP (1)2-8(10)cm, obtusely conical or convex becoming flat or somewhat umbonate; "dark brown to light brown, grayish- or yellow-brown, or tawny, the dry fibrillose scales darker"; viscid or slimy in wet weather beneath the scales which sometimes wear off, margin sometimes streaked, often hung with veil remnants, (Arora), (1)2-8(10)cm, obtusely conic to convex, soon obtusely umbonate, expanding with slight umbo, at times nearly flat; scales or fibrils "wood brown" along margin, near "Verona brown" on disc, when young the whole cap evenly "warm sepia" because of the fibrillose covering, at times "Prout's brown" to "cinnamon brown" when freshly matured, margin usually fibrillose-appendiculate, (Smith)

FLESH thin; white to watery yellow or brown, (Arora), rather thick, about 0.4cm, pliant and somewhat cartilaginous; watery buff to brown, in stem grayish with tendency to stain yellow to brownish at base, worm holes and often where handled, (Smith)

GILLS "attached (usually adnate), close; at first pallid to grayish, then dull brown to dull cinnamon-brown", (Arora), adnate, crowded, narrow; pallid becoming pale avellaneous and finally sometimes faintly tinged "Isabella color", edges uneven, (Smith)



Fred Stevens (MykoWeb)



Cy and Mary Hampson

STEM 3-10(13)cm x (0.2)0.4-1.0cm, equal or narrowed below, slender, solid or becoming hollow; pallid to buff, or brownish toward base, covered with brown scales or patches below the veil; dry, (Arora), 3-8(10)cm x (0.2)0.5-1.0cm, equal or narrowing in lower part, solid but soon hollow; occasionally staining where bruised or handled; surface covered to superior ring zone or ring by "dark avellaneous recurved scales, scales larger and more numerous upwards, sheath at times merely becoming broken into zones or patches instead of scales", top part fibrillose pruinose, (Smith)

VEIL fibrillose, whitish, forming a slight superior, fibrillose ring or zone on stem, or disappearing, (Arora)

ODOR mild (Smith)

TASTE mild (Smith)

EDIBILITY yes, but insipid, (Arora)

HABITAT "in groups or clusters on ground, especially along road, paths and in other disturbed areas: also on lawns, lignin-rich debris, rarely on or around old stumps", (Arora), cespitose on soil, roadsides, lawns, woods, more rarely on buried wood or even stumps, (Smith)

SPORE DEPOSIT brown (Arora)

MICROSCOPIC spores 4.5-7 x 3.5-4.5 microns, elliptic, smooth chrysocystidia present on gills, (Arora), spores 4.5-6.5(7) x 3.5-4.5 microns, elliptic to broadly elliptic in face view, subelliptic to slightly bean-shaped in side view, smooth, germ pore di

NAME ORIGIN means 'terrestrial'

SIMILAR squarrosoides but different color and habitat

SOURCES Smith(3), Arora*, Phillips*, Lincoff(2)*, Ammirati*, Schalkwijk-Barendsen*, Volk(3)

FAMILY Strophariaceae of Order Agaricales