

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) *Tricholoma aurantium* (Schaeff.ex Fr.) Ricken Die Blatterpilze: 332. 1915

ENGLISH NAME(S) veiled Tricholoma, golden cavalier, golden Tricholoma

NOTES distinguished by viscid orange to orange-brown or olive-splashed cap, rusty spotted gills, line near apex of stem that suggests a rudimentary veil, and strong farinaceous odor; O'Dell reports for WA

CAP 4-10cm, convex becoming obtusely umbonate or flat, margin inrolled when young; "yellow-orange to tawny, bright rusty-orange, orange-brown, orange-tan, or even orange-red, sometimes splashed with olive-green or in one form entirely deep olive-green when young"; "viscid when moist, smooth or breaking into small scales (especially at center)", sometimes beaded with orange droplets when moist, (Arora), 3.5-10cm, convex with inrolled margin becoming flat-convex when old; "orange, particularly at margin, to reddish brown, often with olive coloration over disc"; viscid, nearly bald, often with orange droplets at margin, (Shanks)

FLESH thick; white, (Arora), white in cap and stem, (Shanks)

GILLS adnate to adnexed or notched, close; "whitish, often developing rusty-brown or reddish-brown spots and stains", (Arora), sinuate, lose to crowded, thin, whitish, staining orange-brown, (Shanks)

STEM 3-8cm x 0.8-2cm, "equal or thicker at either end, solid, firm", belted with rusty-orange scales or scurfy flakes up to a well-defined line near top, pallid above the line; "in wet weather sometimes beaded with orange droplets near the line", (Arora), 4-8cm x 1-3cm, [actually says 1-3mm], equal, solid; with belts of orange fine scales, the fine scales staining greenish in older fruiting bodies, a faint ring zone present near top, which lacks the surface ornamentation of the rest of the stem, (Shanks)



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VEIL absent or very rudimentary (Arora), a faint ring zone near top, (Shanks), Smith says veil present as a colored sheath on stem which terminates in a line but no actual veil tissue present to form a ring, only a line visible

ODOR strongly farinaceous and disagreeable (like rancid oil or cucumber), (Arora), farinaceous, (Shanks), green corn, (Lincoff)

TASTE strongly farinaceous and disagreeable (like rancid oil or cucumber), (Arora), farinaceous, cap cuticle may be bitter, (Shanks), green corn (Lincoff), bitter (Courtecuisse)

EDIBILITY unpalatable

HABITAT solitary or scattered on ground in woods, (Arora), solitary to gregarious in mixed woods, (Shanks)

SPORE DEPOSIT white (Arora)

MICROSCOPIC spores 4-6 x 3-5 microns, elliptic to nearly round, smooth, presumably inamyloid, (Arora), spores 4.8-6 x 2.5-3.2 microns, elliptic, smooth, inamyloid; basidia 4-spored, 22-34 x 5-7 microns, clavate; cheilocystidia absent or present as occasional filamentous hyphae 3-4 microns in diameter extending beyond the margin; clamp connections absent, (Shanks)

NAME ORIGIN means 'orange', *Malum aurantium* = orange

SIMILAR like *focale* but lacks a membranous veil and is usually smaller and less fleshy with a less appressed-fibrillose stem

SOURCES Shanks(2), Arora*, Phillips*, Lincoff(2)*, Kibby*, Courtecuisse*, Bessette(2)*, Smith(6), Barron*

FAMILY Tricholomataceae of Order Agaricales