

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 sejunctum* (Fr.) Quelet Champ. Jura et Vosges. p. 72. 1872

ENGLISH NAME(S) separating *Tricholoma*

NOTES characterized by yellowish slightly viscid cap with dark streaks, whitish notched gills which often become yellow near the margin of cap, absent veil, farinaceous odor, and white spore deposit; included in PNW keys, Arora says fairly common in Pacific Northwest, frequent on foray lists from WA, BC, reported from BC by Gamiet

CAP 3-8(10)cm, convex to flat or broadly umbonate; "yellow or greenish-yellow with dark innate (flattened) fibrils or streaks radiating from the blackish to brown center"; slightly viscid or tacky when moist, smooth, sometimes with small scales when old, (Arora), 3.5-7.5cm, convex when young, becoming nearly flat when old, with low to prominent umbo, margin splitting radially when old; virgate (radially streaked) with blackish or very dark brown fibrils over yellow background, the yellow often visible only at margin; viscid becoming dry, appressed-fibrillose, (Shanks)

FLESH white or tinged yellow (Arora), thin; white to watery gray, in stem white and when old watery gray, (Shanks)

GILLS typically notched, fairly close; "at first whitish or creamy-white, but often becoming yellow near cap margin or occasionally yellowish throughout", (Arora), adnate to sinuate, close, 0.5-1.5cm broad, thin, splitting when old; pale grayish yellow, pale yellow or pastel yellow, (Shanks)

STEM 5-8(12)cm x 1-2(3)cm, "more or less equal or somewhat swollen below, firm"; whitish, but often developing yellowish tints; smooth, (Arora); 4-9cm x 1.0-1.5cm, equal or widening downward to slightly bulbous base, solid or hollow; "color often uneven, white with yellow areas or pale yellow to yellow overall"; dry, silky fibrillose, (Shanks)

VEIL absent (Arora)

ODOR farinaceous (Arora), not distinctive or farinaceous, (Shanks)



Michael Beug



Michael Beug



Drew Parker

TASTE often bitter or nauseating but in some forms mild, (Arora), not distinctive or farinaceous, (Shanks)

EDIBILITY not recommended, poisonous at worst, (Arora)

HABITAT scattered or in groups under both hardwoods and conifers, (Arora), scattered to gregarious in mixed woods or with *Picea sitchensis* (Sitka spruce) in coastal forests, (Shanks for California)

SPORE DEPOSIT white (Arora)

MICROSCOPIC spores 5-7 x 4-5.5 microns, elliptic, smooth, presumably inamyloid, (Arora), spores 5.3-8.2 x 3.8-6.2 microns, broadly elliptic to nearly round, smooth, inamyloid; basidia 4-spored, 31-41 x 7.2-9.6 microns, clavate; cheilocystidia absent or rare, 20-35 x 7-14 microns, broadly clavate to sphaeropedunculate, colorless, thin-walled; clamp connections absent, (Shanks)

NAME ORIGIN means "separate"

SIMILAR like *flavovirens* but *sejunctum* has blackish radial fibers at center of cap, gills often yellow only near margin, and spores more broadly elliptic; *intermedium* is intermediate between *sejunctum* and *flavovirens*, and has whitish gills and stem, sometimes with some yellow on stem, and the cap color may be pale greenish yellow but the surface is not virgate (radially streaked); *sejunctum* var. *coryphaeum* is a variety accorded species status by some authors; *sejunctum* somewhat like *davisiae* which has a dry cap

SOURCES Arora, Lincoff(2)*, Kibby*, Courtecuisse*, Bessette(2)*, Gamiet(2) (accessed 23/7/01)

FAMILY Tricholomataceae of Order Agaricales