

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) *Clitocybe ditopa* (Fries) Gillet *Les Hymenomyces* p.166. 1874; *Clitocybe brunnescens* Murrill; *Clitocybe murinifolia* Murrill

NOTES features include hygrophanous pale olive brown to smoky brown cap with striate margin when moist, decurrent grayish brown gills, stem colored as cap or gills, farinaceous odor and taste and round or nearly round spores; Bigelow examined specimens from WA, ON, MI, Denmark, Germany, Norway, Switzerland

CAP 2-4cm, disc finally somewhat depressed; hygrophanous, pale olive brown to smoky brown moist, fading to pallid from disc outward; moist, subviscid at times, bald, margin striate when moist

FLESH thin; colored and fading as cap

GILLS decurrent, close to subdistant, narrow to rather broad; gray, dull avellaneous, brownish gray, darker when old

STEM 2-4cm x 0.4-0.7cm, equal or nearly so, stuffed or hollow; colored as cap or gills; bald in mid-portion, top floccose at times, base white tomentose

VEIL presumably absent

ODOR farinaceous to nauseous farinaceous

TASTE farinaceous to nauseous farinaceous

HABITAT on soil under conifers (pine)

MICROSCOPIC spores (3)3.5-4(4.5) x 3-3.5(4) microns, round or nearly round, smooth, inamyloid; basidia 4-spored, 20-25 x (3)5-6 microns; pleurocystidia and cheilocystidia presumably absent; clamp connections present

SIMILAR like *vibecina* and *subditopoda* which also have farinaceous odor and taste, and need to be distinguished by spores, which are nearly round or round for *ditopa*, elliptic for *vibecina* and *subditopoda*

SOURCES Bigelow(5), Breitenbach(3)*(as *ditopus*)

FAMILY Tricholomataceae of Order Agaricales