

## 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)** *Omphalina pyxidata* (Bull. ex Fries) Quelet *Enchir.* Fung. p.43. 1886; *Clitocybe pyxidata* (Fries) Singer; *Omphalina subhepatica* (Batsch) Murrill; *Omphalia pyxidata* (Fries) Kummer

**NOTES** features include hygrophaneous dark reddish brown to dark vinaceous brown cap which is depressed and striate, thin flesh, decurrent gills, stem colored as cap, growth on moss in the open, white spore deposit, and elliptic smooth inamyloid spores; Bigelow examined collections from WA, OR, ID, PQ, YT, AK, CO, MI, Sweden, Switzerland, and reported it (Bigelow(11)) from District of Keewatin NWT

**CAP** 1-2.5(4)cm, convex at first, with disc depressed and margin incurved, expanding to broadly funnel-shaped, but often remaining with a spreading margin; hygrophaneous, dark reddish brown to dark vinaceous brown at first, paler with expansion, but the striations remaining dark and prominent, fading with age or loss of moisture to buff or grayish vinaceous; moist, bald, striate moist, opaque faded, (Bigelow), 0.5-2cm, convex, deeply umbilicate; reddish brown, pinkish brown to yellowish; smooth and deeply radially fluted, (Phillips)

**FLESH** thin, pliant or fragile; whitish (Bigelow)

**GILLS** long decurrent, close to subdistant, rarely distant, narrow at mid-portion to moderately broad, forked at times, usually not interveined; pallid to pale vinaceous gray, sometimes tinged brownish when old, (Bigelow), decurrent, widely spaced; brownish, (Phillips), pinkish- or violaceous-tinged gills that fade to yellowish or creamy when old (Arora)

**STEM** 1-3(4)cm x 0.1-0.4cm, equal or nearly so, stuffed soon hollow, rather brittle, compressed at times; colored as cap or top somewhat paler, faintly pruinose at first but soon naked and polished, base with slight white mycelium, (Bigelow), 1-3cm x 0.1-0.2cm, paler than cap, smooth (Phillips)

**VEIL** presumably absent

**ODOR** not distinctive (Bigelow)



Boleslaw Kuznik



Paul Kroeger

**TASTE** not distinctive (Bigelow), mild to bitterish (Phillips)

**EDIBILITY** unknown

**HABITAT** scattered or gregarious, usually on moss in the open, sometimes on wet sand or gravel, May through October in most localities, December in OR, (Bigelow) in open or grassy places (Arora), in grass in sandy soils, subalpine to alpine, (Phillips)

**SPORE DEPOSIT** white (Bigelow, Phillips)

**MICROSCOPIC** spores (6)7-9(11) x 4-5(6) microns, elliptic to broadly elliptic or oval, smooth, inamyloid, (Bigelow); basidia mostly 4-spored but sometimes 1-, 2-, or 3-spored, 21-31(35) x 5-8 microns; clamp connections present, (Bigelow), spores 7-10 x 4.5-6 microns, almond-shaped, (Phillips), cheilocystidia: marginal cells 22-35 x 3-4.5 microns, cylindric, some subcapitate or slightly gnarled or flexuous apically, (Breitenbach)

**NAME ORIGIN** means 'box-like'

**SOURCES** Bigelow(5) (as *Clitocybe pyxidata*), Arora\*, Phillips\*, Courtecuisse\*, Breitenbach(3)\*

**FAMILY** Tricholomataceae of Order Agaricales