

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) *Pseudoclitocybe cyathiformis* (Bull.:Fr.) Singer; *Clitocybe cyathiformis* (Fries) Kummer; *Clitocybe poculum* (Peck) Saccardo; *Cantharellula cyathiformis* (Fries) Singer; *Omphalia cyathiformis* (Fries) Kuehner & Romagnesi

ENGLISH NAME(S) the goblet

NOTES features include depressed hygrophanous dark brown to dark gray brown non-viscid cap, decurrent close pallid gills which become grayish or grayish brown, stem colored as cap or paler, mild odor and taste, white spore deposit, and elliptic smooth amyloid spores; Bigelow examined collections from WA, OR, ID, also NS, ON, PE, PQ, MA, ME, MI, NC, NY, OH, TN, VT, Sweden, and reported from BC according to Redhead(5), Breitenbach & Kranzlin give distribution as North America, Europe, Asia, North Africa

CAP 2.5-8cm, centrally depressed with inrolled margin becoming funnel-shaped; dark brown to dark gray-brown, fading when old to grayish or paler brown; smooth not viscid, (Arora), 1.5-7cm, convex at first with inrolled margin, soon expanding to flat and depressed, finally cupshaped to funnel-shaped; hygrophanous, dark brown ("mummy brown", "bister", "Prout's brown", "snuff brown"), fading paler and more grayish ("wood brown", "drab", "buffy brown"); bald when moist, somewhat radiate-fibrillose or hoary when fading, margin often translucent-striate when moist, at times sulcate (grooved), (Bigelow)

FLESH thin; pallid, (Arora), thin; colored as cap, (Bigelow)

GILLS at first adnate but soon deeply decurrent, close; pallid becoming grayish or grayish-brown, (Arora), short decurrent to long decurrent, usually forming a collar on stem, close to subdistant, narrow to moderately broad, up to 0.6cm, occasionally forked, usually interveined and the faces often veined; watery brownish (near "clay color", "tawny olive"), fading to grayish brown or pale brownish, finally pale sordid buff, (Bigelow)



Boleslaw Kuznik

STEM 5-12cm x 0.4-1cm, "equal or thicker below, often rather long"; colored like cap or paler; "fibrillose, often with whitish down at base", (Arora), 2.5-7cm x 0.4-0.9cm, off-center at times, equal or somewhat widened in lower part, usually curved, stuffed then hollow, finally compressed (flattened) and fluted; "watery brown, fading to pale brownish or sordid buff, sometimes with a vinaceous tint, brownish fibrillose streaked over a pallid ground when faded"; bald when moist, base sometimes with white rhizomorphs, (Bigelow)

ODOR mild (Arora), not distinctive (Bigelow)

TASTE not distinctive (Bigelow)

EDIBILITY not recommended because of similar species, (Arora)

HABITAT "solitary or in small groups in humus or on rotten logs, in woods and at their edges", (Arora), solitary, scattered, gregarious, or subcespitose (somewhat tufted), usually on or near logs and stumps of conifers or hardwoods, sometimes on soil and humus, (Bigelow)

SPORE DEPOSIT white (Arora), usually white, yellowish in one collection, (Bigelow)

MICROSCOPIC "spores 7-11 x 5-6 microns, elliptic, smooth, amyloid", (Arora), spores (6.5)7.5-10.5(13) x (4)5-6.5(7.5) microns, elliptic or broadly elliptic, smooth, inamyloid to very weakly amyloid (blackish to grayish in Melzer's); basidia usually 4-spored, occasionally 1- or 2-spored, 20-46 x 8-10(13) microns; pleurocystidia and cheilocystidia presumably absent; clamp connections absent, (Bigelow)

NAME ORIGIN means 'cup-shaped'

SIMILAR *Cantharellula umbonata* which has crowded narrow whitish forked gills that stain reddish when old; like *Clitocybula atrialba* which is blackish brown with well-spaced gills, and has dark scurfy scales on stem

SOURCES Bigelow(5) (as *Clitocybe*), Arora (as *Clitocybe*)*, Courtecuisse*, Barron*, Redhead(5), Breitenbach(3)*

FAMILY Tricholomataceae of Order Agaricales