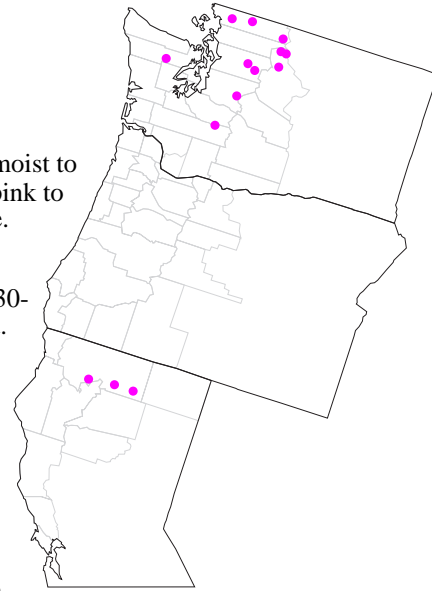


Collybia bakerensis A.H. SmithROD name *Collybia bakerensis***Family** Tricholomataceae **Morphological Habit** mushroom

Description: CAP 5-40 mm diam, convex to plano-convex; surface dull, moist to dry, glabrous to finely granulose, white overall, in age disc often becoming pink to pale gray-orange. **GILLS** adnate to adnexed, close, white, flushed pink in age. **STEM** 10-25 (-40) x 2-3.5 mm, cylindric, often curved, dry, apex white and pruinose, base pubescent, pink to gray-red. **ODOR AND TASTE** not distinctive. **PILEIPELLIS AND TRAMAL HYPHAE** inamyloid, nongelatinous. **CAULOCYSTIDIA** 30-48 x 8-15 µm, cylindric to broadly clavate, or contorted. **BASIDIA** 2-4-spored. **PLEUROCYSTIDIA** absent. **CHEILOCYSTIDIA** 22.5-45 x 6-13.5 µm, of two types: 1) cylindric to broadly clavate and obtuse; 2) irregularly cylindric and nodulose to lobed. **PILEIPELLIS** a trichodermium when young or cutis when mature, composed of hyaline, smooth, cylindric hyphae. **CLAMP CONNECTIONS** present. **SPORES** ellipsoid, 5.5-7.5 x 3-4.5 µm, smooth, inamyloid, hyaline.



Distinguishing Features: Characterized by a white convex cap; relatively narrow, close, adnate to adnexed white gills; a small, white stem; a tendency for sporocarps to blush pink in age; and abundant, cylindric to nodulose cheilocystidia.

Distribution: Known from 14 sites within the range of the northern spotted owl: **CALIFORNIA**, Siskiyou Co., Shasta-Trinity National Forest, Deadhorse summit; Shasta-Trinity National Forest, Sand Flat campground; Klamath National Forest, Carter Meadows; **WASHINGTON**, Chelan Co., Wenatchee National Forest, Lake Ann; Wenatchee National Forest, Glacier Peak Wilderness, Lyman Lake; **Jefferson** Co., Olympic National Park, Enchanted Valley; **King** Co., Mount Baker-Snoqualmie National Forest, Asahel Curtis nature trail; **Lewis** Co., Mount Rainier National Park, Eagle Peak; **Skagit** Co., Wenatchee National Forest, Lewis Lake; **Snohomish** Co., Mount Baker-Snoqualmie National Forest, Perry Creek, Forgotten Mountain trail; Mount Baker-Snoqualmie National Forest, Barlow Pass; **Whatcom** Co., Mount Baker-Snoqualmie National Forest, Silver Fir campground; near Anderson Creek; Ross Lake National Recreational Area, Panther Creek. Also known from several additional sites outside of the assessment area, including one site in British Columbia and several from non-owl habitat in northern California, Colorado, and Idaho. Not known from Oregon.

Substrate and habitat: Usually found scattered to gregarious on fallen conifer logs; in California on *Abies* logs soon after melting snow above 2,500 m elevation in the Sierra Nevada and Cascade Ranges; in Washington on *Tsuga* logs.

Season: Fruits from May through early October.

Reference: DESJARDIN, D. E., AND HALLING, R.E. 1987. California Collybias I. *Collybia bakerensis*: a common snowbank agaric. Mycotaxon 29:321-327.



Photo courtesy of T. O'Dell