

## 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)** *Inocybe fuscodisca* (Peck) Masee Ann. Bot. 18: 487. 1904

**ENGLISH NAME(S)** black nipple *Inocybe*, black nipple fiberhead

**NOTES** features include brownish moist fibrillose cap with prominent black nipple, close broad whitish gills that become gray-brown, whitish stem sheathed below ring with dark brown to olive brown fibrils and pruinose at top, spermatic odor, and smooth spores; included in PNW keys, noted for CA by Nishida, and reported as *Inocybe fuscodisca* sensu Stuntz from WA by O'Dell(1), Grund gives distribution in North America as WA, CA, MI, NY, TN

**CAP** 1-2.5cm, conic becoming bellshaped to broadly convex and finally flat with a prominent umbo when old; umbo dark brown, cap covered with dark brown to dull brown, radially flattened fibrils over a pale buff to whitish ground color; smooth and subviscid over disc, otherwise moist to dry, (Bessette), 1-2.5cm, conical to bell-shaped, becoming nearly flat with prominent nipple; brownish with blackish nipple; moist, smooth to minutely fibrous, (Lincoff)

**FLESH** whitish to pale buff (Bessette)

**GILLS** attached, close, broad; cream at first, becoming pale brown to gray-brown at maturity, (Bessette), attached, close, broad; whitish, becoming grayish-brown, (Lincoff)

**STEM** 4-7.5cm x 0.15-0.3cm, equal, somewhat bulbous at base; sheathed from base to ring zone with dark brown to olive-brown fibrils over a whitish ground color; pruinose at top, ring zone fleeting, (Bessette), 5-7.5cm x 0.15-0.3cm, off-white to gray, with minute fibers, tip minutely hairy, (Lincoff)

**VEIL** no ring

**ODOR** unpleasant, spermatic, (Bessette), spermatic (Lincoff)

**TASTE** not distinctive (Bessette)

**EDIBILITY** poisonous (Lincoff)

**HABITAT** solitary, scattered or in groups on ground under conifers, (Bessette), scattered to numerous with conifers (Lincoff)

**SPORE DEPOSIT** brown (Bessette, Lincoff)

**MICROSCOPIC** spores 7-10 x 4.5-6 microns, elliptic, smooth, pale brown, (Bessette), spores 7-10 x 4.5-6 microns, elliptic, smooth, brownish, (Lincoff), spores 8-10 x 4.5-5.5 microns, mostly 9 x 5 microns, occasional ones up to 12-13 microns long from 2-s

**NAME ORIGIN** means "with dark disc"

**SOURCES** Lincoff(2)\*, Bessette(2)\*, O'Dell(1), Nishida(2), Grund(4)

**FAMILY** Cortinariaceae of Order Agaricales