

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) *Mycena strobilinoidea* Peck Ann. Rep. N.Y. State Mus. 45: 23. 1893

ENGLISH NAME(S) flame *Mycena*, red-orange *Mycena*

NOTES Section Calodontes (Smith), Section Luculentae (Maas Geesteranus); features include scarlet to yellow cap and stem, scarlet-edged gills, and orange hairs at stem base; found at least BC, WA, OR, common, also CA, MA, MI, reported from Switzerland, near Lake Baikal in Russia

CAP 1-2cm, conical to bell-shaped; red, soon fading to scarlet, then slowly to orange and finally yellow or even whitish; not viscid, margin often scalloped, margin striate when moist, often scalloped, (Arora), 1-2cm, acutely or obtusely conic when young, either not expanding or becoming bellshaped, margin becoming slightly crenate (scalloped) and often flaring somewhat when old; not hygrophanous, "grenadine red" to "flame scarlet" when young and fresh, fading slowly to "cadmium yellow" or "capucine yellow", sometimes whitish; moist, lubricous, smooth, translucent-striatulate near margin when moist, becoming sulcate (grooved) in maturity, (Smith(1))

FLESH thin; yellowish, (Arora), thin, pliant; yellowish, (Smith(1))

GILLS adnate to slightly decurrent; yellow to pale pinkish-orange, the edges scarlet, at least when young (marginate), (Arora), ascending-adnate with a slight decurrent tooth, subdistant, 15-20 reach stem, narrow, 0.2-0.3cm; yellow to "light salmon-orange" with a "flame scarlet" edge at least when young, (Smith(1))

STEM 3-6cm x 0.1-0.2cm, equal, thin, fragile; orange to yellow; base with orange hairs, (Arora), 3-4cm x 0.1-0.2cm, equal, round in cross-section, solid or with very small tubule, pliant, cartilaginous, evenly "orange-chrome" to "orange" or paler; covered with orange pruinose coating toward top, becoming smooth except at base which is strigose with orange fibrils, (Smith(1))

VEIL none

ODOR mild (Arora), not distinctive (Smith(1))

TASTE not distinctive (Smith(1))

EDIBILITY unknown (Arora)



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HABITAT scattered to densely gregarious in needle beds under conifers (especially pine), especially in mountains, (Arora), densely gregarious, often forming extensive carpets on needle beds, usually under pine, during late summer and fall, (Smith(1))

SPORE DEPOSIT white (Arora)

MICROSCOPIC spores 7-9 x 4-5 microns, elliptic, smooth, amyloid, (Arora), spores 7-9 x 4-5(5.5) microns, elliptic, smooth, strongly amyloid; basidia 4-spored; cheilocystidia abundant, (Maas Geesteranus says gill edge heterogeneous), 18-50 x 7-13.5 microns, club-shaped to subfusoid, the upper part covered with rod-like projections (excrecences), contents bright to pale orange, pleurocystidia similar, scattered to abundant, (Smith(1))

NAME ORIGIN means 'like [Mycena] strobilina', an obsolete species name

SIMILAR adonis, acicula, monticola, (gills not marginate in these three), aurantiidisca (orange from the start, and gills not marginate), rosella (pink cap, gill edges sordid rose, different pleurocystidia)

SOURCES Smith(1), Arora, Maas Geesteranus, PNW keys, Phillips*, Lincoff(2)*, Ammirati*, Barron*, Smith(15)

FAMILY Tricholomataceae of Order Agaricales



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