

Appendix A2: Collecting Notes for Species of *Amanita*

Developed by R. E. Tulloss, P.O. Box 57, Roosevelt, NJ 08555-0057.
Suggestions and Improvements are solicited.

Date of Collection: 17.i.2003

Name of Collector(s): Tom Volk, Dan Ciedlerp, RET

Collector's Collection No.:(if assigned) 1-17-03-A

Field Diagnosis: "franchetii" sensu auct. Calif.

Locale of Collection: Park/Town/Borough/etc. ca Fisk Mill Core Parking area, Salt Pt. St. Pk.

County Sonoma State/Province CA Country USA

Type of Soil: thick pine duff over loam

Species of Trees and other vegetation around collecting site:

Picea, Quercus, Pinus, ~~very rare~~

Other comments on site ecology, collecting conditions, etc.:

3 collected of 4, very wet soil, small groups & scattered

57-108-124

PILEUS: Diam.: -8-10

Thickness: 4.5 Color(s): virgate, brown & yellow, darker yellow - brown over disc - becoming fulvous (nearly black) from center toward margin

Shape (describe changes during expansion if possible, include inflexed or decurved margin, umbo, etc.): subhemispheric to convex, margin may become rimose in age

Striate? Y Length of Striation [Give a range of values when dealing with multiple basidiocarps. It is convenient to provide the information as a fraction (without computing the result) such as 14/43, where 43 is the radius of the pileus with 14 mm long striation.]: n/a

Form of appendiculate material: n/a

Dry/Viscid/Tacky/Shiny/Dull? towaxy, moist

Odor? (Give it a name if possible.) faintly fresh like clothing after being washed Taste? (Give it a name if possible.) not tasted

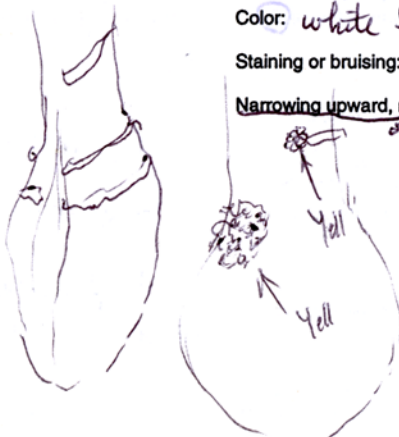
Surface staining or bruising reactions? pigment darkens as noted above

Context color: white Context staining: not obs.

brownish below pilei pellis

insect tunnels concolorous

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Describe how the context thins from stipe to margin. (For example, "slowly at first, then rapidly to a membrane for the last 1 cm nearest margin.") thinning evenly to margin

General Comments about pileus other than Universal Veil.

Universal Veil on Pileus: Color yellow Form. λ Texture. flocculent, verrucose (10x)
 wants on cap random w/ bands of floccules near ~~the~~ near margin

Adnate or Easily removed?

Membranous/Submembranous/Felted/Floccose/Pulverulent/Other?

Staining or bruising reaction? becomes soiled with age a brownish w/ age, then gray-brown

LAMELLAE: Color in mass: cream Color side view: pale cream to faintly grayish pale cream.

Breadth: 4-9 mm

Free/Adnate/Narrowly adnate/Other? with decurrent tooth on stipe

Decurrent line on stipe? faint

Staining or bruising reaction? ~~not obs.~~ not obs.

Form of Lamellulae (truncate, subtruncate, rounded truncate, subattenuate, attenuate, attenuate in steps, other, evenly distrib., unevenly distrib., 1-length, 2-length, div. lengths, plentiful, uncommon).

Other comments on lamellae (forking, anastomosing, distant, subdistant, close, subcrowded, crowded, relation of thickest portion to stipe, other): broadest at mid - radia

STIPE: Length (bottom of pileus context to top of bulb): 98 - 181 - 183

Width at midstipe: 4.5 - 18

Length of bulb: 32-40 λ -38- Width of bulb (at broadest point): 22-35 λ

Shape of bulb (globose, subglobose, ovoid, fusiform, napiform, rooting, turbinate, carrot-shaped, other; or note if stipe simply clavate). (Note there is no bulb in Section *Vaginatae*. Don't confuse presence of volval sac with the presence of a bulb.) A small drawing is sometimes helpful in conveying bulb shape.

Color: white to palely ~~concolorous~~ paler parts of pileus

Staining or bruising: sometimes faintly brown where handled.

Narrowing upward, narrowing downward, cylindrical, other? or subcylindrical

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inferred

Flaring at apex? *yes*

Decoration on outer surface: *raised fibrils, small recurved scales, scales or distorted concentric rings apparently associated with fragments of univ. veil on stipe (i.e., limbus internus)*

Presence, position, color, form, staining of annulus:

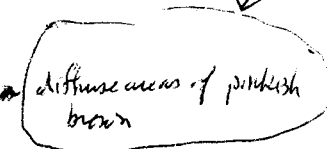
superior, yellow with yellow limbus internus fragments underneath, striate above, darkening from free edge inward as color changes

Color of context: *white to cream* Staining or bruising of context: *red wine & brown spots in bulb or*

Hollow/Stuffed/Solid?

Diam. central cyl.: *2-9*

Form of stuffing material: *cottony, packed firmly*

Color in worm or insect tunnels in context: *as in staining (above)* 

Universal veil material on stipe base:

a. Sac: Distance from stipe base to highest point of limb:

Thickness at midpoint between top and attachment:

Texture. Color. Layered?

Tough/Filmsy?

When longitudinal section is made, is a little, inner limb present? If so, make a drawing showing how and where the inner limb is attached to the outer limb and where the latter is attached to the stem.

b. Not evident.

c. In warts. (Describe size*, color, placement, etc. Do they seem to cause the presence of recurved scales on the top of the bulb?)

d. In a collar as in *Amanita pantherina*. (Describe size*, color, placement, etc.)

e. In broken collars as in *A. muscaria*. (Describe etc.)

irregular and in part made of stipe tissue (apparently) (large)

f. In a loose limb against stipe. (Describe etc.) Give distance from base to topmost point of limb.

g. In loose patches easily left in the soil. (Describe etc.)

light yellow

h. Other.

SPORE PRINT: Color:

Other comments:

not taken

Are color slides attached? N What identifying marks are on these slides?

Dan took digital photos