

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: 1-IX-2005

Name of Collector(s): Vele Soots & Pat Burchell

Collector's Collection No.:(if assigned) S.N. RET 9-1-05-0A

Field Diagnosis: NFLG

Locale of Collection: Park/Town/Borough/etc. on rd. to Trout R. Campground.

County Ist. of Nfld State/Province NFL Country Canada

Type of Soil: loam

Species of Trees and other vegetation around collecting site:

dominantly spruce w/ Balsam fir.

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

solitary after 2 days of heavy rain after significant dry period

PILEUS: Diam.: 73 mm Thickness: 6 mm Color(s): brown over umbo, notably virgate outside of umbo

Shape (describe changes during expansion if possible, include inflexed or decurved margin, umbo, etc.): divaricate yellow brown with virgate pattern darker plano convex w/ pronounced umbo

Striate? N 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.]: 8-10/36.5 mm Appendiculate? Y

Form of appendiculate material: n/a

Dry/Viscid/Tacky/Shiny/Dull?

Odor? (Give it a name if possible.) none ob-s. Taste? (Give it a name if possible.)

Surface staining or bruising reactions? not obs.

Context color: white Context staining: unchanging

NOTE: It is useful to take the first four pages of this note form and copy them to a side of an 8.5 x 11 inch or similar sized piece of paper.

absent

Universal Veil on Pileus: Color. Form. Texture.

Adnate or Easily removed?

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

Staining or bruising reaction?

LAMELLAE: Color in mass: cream Color side view: off white

Breadth: 4.5 mm

Free/Adnate/Narrowly adnate/Other?

Decurrent line on stipe? no

Staining or bruising reaction? not observed

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).

marginate with broken grey brown (light) line broadest at 65% R to 80% R

STIPE: Length (bottom of pileus context to top of bulb): 188 mm

Width at midstipe: 13 mm

Length of bulb: n/a Width of bulb (at broadest point): n/a

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: background is pallid under fibrils, white at base where there are no fibrils
Staining or bruising: decoration more yellowish tan where handled

narrowing upward, narrowing downward, cylindrical, other?

The umbo is Raw Amber in Rodway - outside the umbo the color is paler than brick brown brown

Flaring at apex? slightly

Decoration on outer surface:

finely ~~finely~~ pulverulent & off-white at apex, within a few mm, an orange-tan tint begins to creep in by 1.5 mm from apex, orange brown fibrils in flame pattern begins, this becomes a coarser pattern as one descends the stipe and finally becomes smeary-squamulose material of similar color this then transitions to pure white for about last 75 mm of stipe.

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

Color of context: white w/ gray spot near stem base. Staining or bruising of context: not obs.

Hollow/ firmly Stuffed/Solid? Diam. central cyl.: 3.5 mm

Form of stuffing material: densely packed white fibrillose materials, w/ small lacunae toward base

Color in worm or insect tunnels in context:

not observed

Universal veil material on stipe base:

a. Sac: Distance from stipe base to highest point of limb: 42 x 22 mm

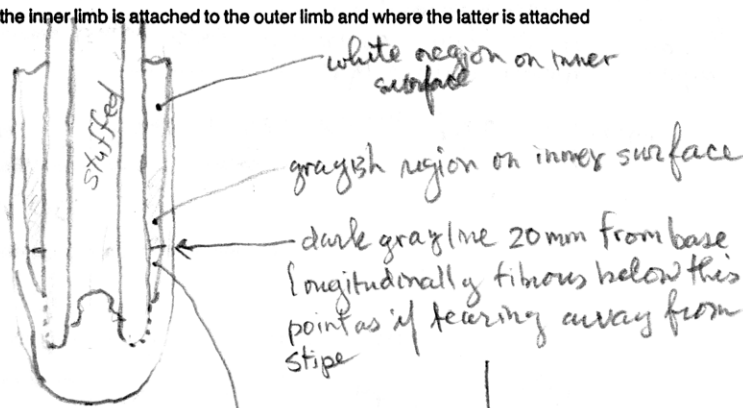
Thickness at midpoint between top and attachment: 1.75 ± mm

Texture: smooth Color: white Layered? not observed

Tough/Filmsy? firm, membranous

exterior pale orange-tan along upper margin
~~interior~~ inner surface slightly grayish

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?)

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(10x)
→ with lens, it does appear that there is a thin white membrane that terminates at the gray line and is appressed to the interior of the valvular sac.

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

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

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.)

h. Other.

SPORE PRINT: Color:

Other comments:

not collected

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

digital images
11-17

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