

*Amanita* sp 'Hewett'



*Amanita* sp 'Hewett' © Judy Hewett

**Cap:** convex becoming applanate; 80–100 mm in diameter; glabrous but becoming rimose in the centre; greyish orange (6B4); velar remnants as one or a few large flat patches, fugacious, white but darkening to brown at the edges; margin sulcate/striate to one-third radius.

**Stipe:** cylindrical with a slightly widened apex and a distinct bulbous base; 120–135 × 10–14 (bulb = 25) mm; glabrous; greyish orange (6B4); becoming paler near base and almost white on bulb; with a large, pendulous, white fugacious ring.

**Gills:** free; crowded; fragile; white; with irregularly spaced lamellulae.

**Flesh:** fragile; white; unchanging.

**Smell:** not distinctive.

**Spore print:** white.

**Spores:** subglobose to ellipsoid;  $8.15\text{--}10.33 \times 7.75\text{--}9.25\text{ }\mu\text{m}$ , average  $9.25 \pm 0.6 \times 8.5 \pm 0.5\text{ }\mu\text{m}$ ,  $Q = 1\text{--}1.25$  average  $Q = 1.09 \pm 0.07$ ; amyloid, with a prominent apiculus.

**Basidia:** subcapitate;  $35\text{--}45 \times 9\text{--}15\text{ }\mu\text{m}$ , 4-spored.

**Cheilocystidia:** not observed.

**Pleurocystidia:** narrowly clavate;  $45\text{--}60 \times 7\text{--}9\text{ }\mu\text{m}$ ; thin-walled.

**Pileipellis:** a cutis of repent hyphae  $5\text{--}10\text{ }\mu\text{m}$  wide. Veil cells variable from globose to ellipsoid,  $20\text{--}40 \times 12\text{--}30\text{ }\mu\text{m}$ , thin-walled,

**Habitat:** dry sclerophyll forest that has recently been burnt.

**Notes:** a very tall, greyish orange *Amanita* with a sulcate/striate cap margin and a white fugacious ring and bulbous stipe base. Keys to *A. ochraceobulbosa* in Wood, but that is smaller, has pyramidal warts on the cap and is not pellucid striate. ITS sequence suggests this is close to *A. siamensis* from Northern Thailand.

**Collections examined:** JLH07, Eumundi Conservation Park, Judith Hewett, 25 Feb 2024.