

Marasmius tenuissimus (Jungh.) Singer 1976



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Cap: 4-20mm diameter, convex shell-shaped (juvenile) to applanate fan (mature), rust (13) when young to sienna (11) in adult, dry, rugose, sulcate-striate, margin smooth.

Stipe: absent to very reduced ~2 x 1mm, when present- grey, hairy and insititious.

Lamellae: distant, narrow, radiating from lateral attachment, shallow intervenose connections, and also bifurcations, cream colour

Flesh: thin, white

Spores: inamyloid, smooth, ellipsoid to elongate, average 9 x 5mu, $Q_{av}=1.81$; range 8-10 x 4.5-5.5mu; $Q_{min}=1.69$, $Q_{max}=1.96$

Basidia: not seen

Pleurocystidia: absent

Pileipellis: Siccus type broom cells, broadly clavate to pyriform, often forked (11-19 x 7-15mu), with thick walled setules (3-4 x 1-2mu).

Cheilocystidia: Siccus type broom cells similar to pileipellis.

Caulocystidia: frequent, long, cylindrical to clavate, apically branched. Clamp connections common (in all tissue).

Substrate: dead sticks 15-30mm diameter

Habit: gregarious **Habitat:** domestic garden

Collections examined: SMF 3295 Colls. Andrew & Trish Forsyth, Frances Guard, 30 Winfield Rd, Lake Eacham (22/3/19)

Notes: This species belongs to Sect. Neosessiles, with its excentric, rudimentary stipe and Siccus type broom cells. DNA shows it is close to *M. leveilleanus*. Ref.: Wannathes et al (2009) *A monograph of Marasmius (Basidiomycota) from Northern Thailand based on morphological and molecular (ITS sequences) data.*