

*Marasmius hameatocephalus* “blood red”



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**Cap:** 4-8mm diameter, bluntly conical to convex to campanulate, sulcate-striate, blood red (41)

**Stipe:** thin wiry, 30-50 x 0.5mm, black at base to purple at apex, smooth

**Lamellae:** distant, 12-14, with occasional lamellulae, free, pale pink with finely coloured margin(hand lens) same as cap

**Flesh:** thin white

**Spores:** inamyloid, smooth, clavate, average 20 x 4 $\mu$ ,  $Q_{av}$ =4.77, range 19-21.5 x 4-4.5 $\mu$ ,  $Q_{min}$ =4.22,  $Q_{max}$ =5.29

**Basidia:** mostly 4 spored, occasional 2 spored, 23-31 x 7-10 $\mu$

**Pleurocystidia:** large smooth cells, clavate, strangulate, 33-58 x 6.5-9 $\mu$

**Cheilocystidia:** Two types a) common smooth cells similar to pleurocystidia, clavate, strangulate, 20-51 x 6.5-11 $\mu$  and b) uncommon Siccus type broom cells, cylindrical to clavate, sometimes branched, 13-18 x 6-10 $\mu$ , with setulae (often thick walled, refractile) (2)-3-6 x 1 $\mu$ .

**Pileipellis:** hymeniderm of Siccus type broom cells, cylindrical to clavate, with or without branching, thin walled, 6.5 -17 x 4.5-12.5 $\mu$ , setulae usually thick-walled, 3-5.5 x 1-1.5 $\mu$

**Substrate:** leaf litter

**Habitat:** regenerating subtropical rainforest

**Collections examined:** F2019017, collector FE Guard, Dilkusha Nature Refuge, 22/4/19

**Notes:** This specimen fits with the description of *M. haematocephalus* f.*haematocephalus*. (*Wannathes*: Monograph of *Marasmius* from Northern Thailand, 2009.) It is one of several colour variants of this species.