

Hydropus sp 'Bellthorpe'



Hydropus sp 'Bellthorpe' © Pat Leonard

Cap: planoconvex; 30-50 mm diameter; pruinose and rugulose, orange with a darker centre, turned down almost appendiculate edge.

Stipe: cylindrical with a sub-bulbous base; 25 – 40 × 3 – 5 mm; glabrous, shiny white; insititious.

Gills: adnexed, white; about 15 reach stipe; lamellulae in two series, some interveining.

Flesh: thin, white.

Smell: none.

Spore print: white.

Spores: ellipsoid ; 8.5 – 11.8 × 3.6 - 5.4 μm , average $10 \pm 0.9 \times 4.5 \pm 0.45$, $Q = 1.76 - 2.94$, average $Q = 2.22 \pm 0.3$; amyloid but spore wall appears not to react, smooth.

Basidia: clavate ; 35 – 50 × 10 – 15 μm ; four spored.

Pleurocystidia: numerous conical; 90 – 110 × 18 – 22 μm ; thin walled.

Pileipellis: an epithelium overlaying a layer of repent hyphae.

Substrate: on wood

Habitat: in dense rainforest.

Notes: keys to *Hydropus* in MycoKey. Trama is inamyloid, cystidia are prominent.

Collections examined: PL1970317, Bellthorpe, Susan Nelles, 28 Mar 2017.