

## *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; insituous.

**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  $\mu\text{m}$ , 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  $\mu\text{m}$  ; four spored.

**Pleurocystidia:** numerous conical; 90 – 110 × 18 – 22  $\mu\text{m}$ ; 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:** PL 1970317, Bellthorpe, Susan Nelles, 28 Mar 2017.