

## *Hypholoma lateritium*



*Hypholoma lateritium* © Fran Guard

**Cap:** convex to somewhat umbonate, 20 – 65 mm diameter. Smooth, bright orange with a brownish tinge on the centre. Cap margin in-rolled.

**Stipe:** Smooth, pale sulphur yellow with a brownish tinge on the centre. Cap margin in-rolled.

**Gills:** sulphur yellow, developing a greenish tinge, then brown as the spores mature.

**Flesh:** sulphur yellow in the cap, brownish in the stem.

**Taste:** very bitter.

**Spores:** purplish brown, ellipsoid, with a germ pore,  $5 - 7 \times 3.5 - 4.5 \mu\text{m}$ .

**Basidia:** more or less cylindrical,  $20 - 25 \times 5 - 6 \mu\text{m}$ , four spored.

**Pleurocystidia:** langeniform, with dark contents,  $30 - 45 \times 6 - 9 \mu\text{m}$ .

**Pileipellis:** a cutis of externally ornamented hyphae overlaying a thicker cellular subcutis.

**Habitat:** in large clusters on logs and tree stumps, in a range of forest types where there are wet logs including conifer plantations.

**Notes:** The orange brown colours of the cap distinguish this species from the closely related *H. fasciculare* which has a sulphur yellow cap but is otherwise similar.

**Collections examined:** Specimen not at BRI!