

## *Anthracophyllum nigratum*



*Anthracophyllum nigratum* © Pat Leonard

**Cap:** reniform, orbicular, more or less convex; 5 – 20 mm diameter; glabrous to finely pruinose; ochre brown to orange brown; radially sulcate.

**Stipe:** absent, attached dorsally or laterally.

**Gills:** radiating from the point of attachment; 11 to 12 full length; dried apricot colour.

**Flesh:** thin, tough.

**Spore print:** white.

**Spores:** ellipsoid;  $6.5 - 9.5 \times 3.5 - 5.2 \mu\text{m}$ , average  $8 \pm 0.3 \times 4.5 \pm 0.2 \mu\text{m}$ ,  $Q = 1.7$ ; thin walled; with one or more oil drops.

**Basidia:** clavate;  $25 - 35 \times 6 - 8 \mu\text{m}$ ; four spored.

**Cheilocystidia:** cylindrical with branches;  $25 \times 4 \mu\text{m}$ .

**Pleurocystidia:** not observed.

**Pileipellis:** a cutis with a rameales structure and thin  $< 4 \mu\text{m}$  diverticulate hyphae.

**Habitat:** on small branches in rainforest.

**Notes:** differs from the more common *A. archeri* by lacking the strong red colours and having more lamellae (11 – 12) and smaller spores.

**Collections examined:** LG37, Linda Garrett Reserve, Mapleton, Queensland, Wayne Boatwright, 13 Jun 2015