

Gyroporus castaneus

BIOSTATUS

Native

CATEGORY

Fungi

STRUCTURAL CLASS

Fungi

DETAILED DESCRIPTION

Pileus convex to plano-convex, 3.5–5.5 cm diam., dry, finely tomentose to velutinate, cocoa brown, chestnut brown, or cinnamon brown, usually with conspicuous clamp connections. Hymenophore tubes to 7 mm long, excavated around apex of stipe, white when young, pallid yellow at maturity; pores concolorous with tubes, subregular, 0.5–1 mm diam. Stipe 4–5 cm long, tapering apically, occasionally subcylindrical, 1–2 cm diam., solid at first, becoming stuffed, finally hollow, dry, tomentose to velutinate, concolorous with pileus or paler apically; flesh white to sordid white; annulus absent. Spores pallid stramineous, short-elliptical, often ovate and flattened on one side, 7.4–11.7 (–13) x 5.2–6.5 (–7.2) μm ., smooth; spore print reported to be between amber yellow and citron yellow. Basidia hyaline, clavate, 27–35 x 9–12 μm , 4-spored; clamp connections present. Context of pileus white to sordid white, unchanging on exposure to air. Taste mild. Smell not distinctive.

DISTRIBUTION

Auckland, ?Australia; widely distributed throughout temperate regions of the northern hemisphere.

SUBSTRATE DETAILS

Solitary, gregarious, or caespitose under *Kunzea ericoides* and *Leptospermum scoparium*.

GENUS

Gyroporus

FAMILY

Gyroporaceae, Basidiomycetes

AUTHORITY

(Bull.) Quél.

SYNONYMS

Boletus castaneus Bull.

FRUITING

This fungus has been collected on four occasions in January 1966 and June 1971 and 1973.

MORE INFORMATION

<https://www.nzpcn.org.nz/flora/species/gyroporus-castaneus/>

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