

## Outlineoffungi.org - Note 709 *Cacaoporus*

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### *Cacaoporus* Raspé & Vadthanarat

This is a bolete genus known from Thailand. It is associated with Fagaceae and Dipterocarpaceae and is likely ectomycorrhizal with members of those plant groups ([Vadthanarat et al. 2019](#)). Phylogenetic analysis based on *atp6*, *tef1*, *rpb2* and *cox3* and, the monophyly of the genus supported its position in *Boletaceae* (*Boletales*, *Agaricomycetes*, *Basidiomycota*) ([Vadthanarat et al. 2019](#)). Results also suggested a sister relationship with *Cupreoboletus* and/or *Cyanoboletus* (two taxa in the *Pulveroboletus* group), however, further investigation is needed to clarify the relationships. The type species is *Cacaoporus tenebrosus* Vadthanarat, Raspé & Lumyong. *Cacaoporus* is characterized by chocolate brown to dark brown basidiomata and hymenophore, tubes not separable from the pileus context, white to off-white basal mycelium reddening when bruised, amygdaliform to ovoid spores and dark brown spore deposit ([Vadthanarat et al. 2019](#)). The asexual morph is unknown.

*Cacaoporus* closely resembles *Sutorius* and can be distinguished from *Sutorius* by chocolate brown to dark brown to blackish-brown basidiomata (darker than *Sutorius* and never purplish-brown like in *Sutorius*), chocolate brown to dark brown hymenophore (darker than *Sutorius* and never reddish- to purplish-brown like in *Sutorius*), tubes that are not separable from the pileus context (can be separated in *Sutorius*) and off-white basal mycelium that more or less turns red when bruised (which is never the case in *Sutorius*) ([Vadthanarat et al. 2019](#)).

### Reference

Vadthanarat S, Lumyong S, Raspé O. 2019 – *Cacaoporus*, a new *Boletaceae* genus, with two new species from Thailand. *MycKeys* 54, 1–29.  
<https://doi.org/10.3897/mycokeys.54.35018>

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