

Taiwannofungus, a polypore new genus

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摘要

Abstract

Taiwannofungus Sheng H. Wu, Z.H. Yu, Y.C. Dai & C.H. Su is proposed as a new genus of lignicolous polypore, and *Ganoderma camphoratum* M. Zang & C.H. Su is designated as its generic type. New combinations

for two species of *Taiwannofungus* are presented: *T. camphoratus* (M. Zang & C.H. Su)

Sheng H. Wu, Z.H. Yu,

Y.C. Dai & C.H. Su, and *T. salmoneus* (T.T. Chang & W.N. Chou) Sheng H. Wu, Z.H. Yu,

Y.C. Dai & C.H. Su.

Taiwannofungus camphoratus is known in Taiwan as “niu-chang-chih”. *Taiwannofungus* shares many common

characters with *Antrodia* and *Antrodiella*. Phylogenetic analysis based on sequence data derived from LSU

rDNA indicates that *Taiwannofungus camphoratus* neither clusters with *Antrodia*, nor with *Antrodiella*. *Taiwannofungus*

camphoratus is known only occurring in Taiwan and on trunk of *Cinnamomum kanehirai* Hay.

This fungus is well known by its medicinal uses and high economic value. *Taiwannofungus camphoratus* was

first named *Ganoderma camphoratum* in 1990. *Antrodia cinnamomea* T.T. Chang & W.N. Chou was presented

for the same species in 1995. *Antrodia camphorata* (Zang & Su) Sheng H. Wu, Ryvarden & T.T. Chang, new

combination proposed in 1997 based on *Ganoderma camphoratum*, has been widely applied to this fungus.