

Addenda to the *Basidiomycetes* inhabiting *Paulownia* (*Scrophulariaceae*)

JURAJ PACLT

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Key words: *Basidiomycetes*. – Fungus-host associations, *Paulownia*.

Abstract: The number of 25 *Basidiomycetes* reported from *Paulownia* as host plant species is raised to 33. The distribution range of some previously recorded taxa is enlarged.

Zusammenfassung: Die Zahl der registrierten 25 Basidiomyzeten auf *Paulownia* als Wirtspflanzen erhöht sich auf 33. Die Verbreitungsangaben einiger früher angeführter Taxa werden ergänzt.

25 different *Basidiomycetes* growing on *Paulownia* were reported in PACLT (2009). No references could be made therein to the important work by T. KOBAYASHI that appeared just shortly before (KOBAYASHI 2007). The present addenda increase the number of *Basidiomycetes* known to inhabit *Paulownia* from 25 to 33.

A. Species to be added

Daedaleopsis tricolor (BULL.: FR.) BONDARTSEV & SINGER

≡ *Lenzites tricolor* (BULL.: FR.) FR.

Japan: on *Paulownia tomentosa*; KOBAYASHI (2007).

Irpex lacteus (FR.: FR.) FR.

= *Polyporus tulipiferae* (SCHWEIN.) OVERH.

Japan: on *Paulownia tomentosa*; KOBAYASHI (2007).

Lloydella rosea (YASUDA) S. ITÔ

≡ *Stereum roseum* YASUDA

Japan: on *Paulownia tomentosa*; KOBAYASHI (2007).

Oligoporus tephroleucus (FR.) GILB. & RYVARDEN

≡ *Postia tephroleuca* (FR.) JÜLICH

≡ *Polystictus tephroleucus* (FR.) PECK

Ukraine: Crimea, on *Paulownia tomentosa*; DUDKA & al. (2004).

GILBERTSON & RYVARDEN (1987) rejected *Postia* FR. 1856 as a nomen nudum and *Postia* KARSTEN 1881 as a later homonym of *Postia* BOISS. & BLANCH. 1875 (*Saxifragaceae*). According to JÜLICH (1984) and FARR & al. (1989), *Postia* FR., however of 1874, would be the oldest generic name for the species causing a brown rot and having a monomitic hyphal system “with clamped generative hyphae”.

Polyporus arcularius (BATSCH: FR.) FR.
 ≡ *Favolus arcularius* (BATSCH: FR.) AMES
 ≡ *Polyporellus arcularius* (BATSCH: FR.) PILÁT
 Japan: on *Paulownia tomentosa*; KOBAYASHI (2007).

Rigidoporus lineatus (PERS.) RYVARDEN
 = *Rigidoporus zonalis* (BERK.) IMAZEKI
 Japan: on *Paulownia tomentosa*; KOBAYASHI (2007).

Septobasidium bogoriense PAT.
 Taiwan: on *Paulownia* spec. (HSIEH 1983).
 Japan: on *Paulownia tomentosa*; KOBAYASHI (2007).

In distinction to *Septobasidium tanakae* (see below), *S. bogoriense* is causing the disease known as “Gray Felt”.

Trametes villosa (FR.) KREISEL
 = *Coriolus pinsitus* (FR.) PAT.
 Japan: on *Paulownia tomentosa*; KOBAYASHI (2007).

B. Additional records for other taxa

Armillaria mellea (VAHL.: FR.) P. KUMM. agg.
 Taiwan: on *Paulownia* spec. (HSIEH 1983).
 Japan: on *Paulownia tomentosa*; KOBAYASHI (2007).

Lenzites betulina (L.: FR.) FR.
 Japan: on *Paulownia tomentosa*; KOBAYASHI (2007).

Septobasidium tanakae (MIYABE) BOEDIJN & B. A. STEINM.
 Far eastern Asia; PACLT (2009).

In distinction to *S. bogoriense* (see above), *S. tanakae* is causing the disease known as „Brown Felt”.

Thanatephorus cucumeris (A. B. FRANK) DONK
 Japan: isolated from *Paulownia tomentosa* in the sclerotium-forming stage *Rhizoctonia solani* KÜHN; KOBAYASHI (2007).

Trametes versicolor (L.: FR.) PILÁT
 Japan: on *Paulownia tomentosa*; KOBAYASHI (2007).
 USA: Maryland, on *Paulownia* spec.; HORST (2008).

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