

***Tetrapyrgos* HORAK (nom. et gen. nov.) replacing
Pterospora MÉTROD (1949; nom. preocc.)**

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The agaricaceous genus *Pterospora* was originally erected by MÉTROD (1949). Microscopically this monotypic Madagascan taxon is well defined by tetrahedral spores combined with a pileocutis of distinct Rameales-structure. Due to the latter character SINGER (1962) transferred *Pterospora* as synonym to *Marasmiellus* MURRILL but no mention is made of its type species *P. atrocyanea* MÉTROD. Subsequently SINGER (1975 b) allocated this unusual species in *Marasmiellus* sect. *Nigripedes* SINGER (1973, 1975 a) which embraced thus 3 additional taxa having stellate spores with four prominent bulges.

The revision of MÉTROD's type material (HORAK, 1968) demonstrated that *Pterospora* represents a genus of independent taxonomic position. Recently a new generic concept was introduced by HORAK (1983) and now about 15 species are considered to belong to *Pterospora*. Most of the relegated taxa formerly have been kept in *Campanella* (and *Laschia*) that obviously are much closer related to *Pterospora* than *Marasmiellus* as proposed by SINGER (1975 a). Unfortunately MÉTROD's taxon is antedated and must be renamed:

***Tetrapyrgos* HORAK, nom. et gen. nov.**

Pterospora MÉTROD (1949; nom. preocc., homonym).

nec *Pterospora* NUTTALL (1818, Gen. 1: 269 = Pyrolaceae, Phan.).

Typus: *T. atrocyanea* (MÉTROD) HORAK

Bas.: *Pterospora atrocyanea* MÉTROD (1949). Prodr. fl. myc. Madagascar 3: 140.

The following combinations are proposed:

1. ***Tetrapyrgos aequatorialis* (SINGER) HORAK, comb. nov.**

Bas.: *Campanella aequatorialis* SINGER (1975). Nova Hedwigia 26: 869.

Syn.: *Pterospora aequatorialis* (SINGER) HORAK (1983). Sydowia 36: 129.

2. ***Tetrapyrgos alba* (BERKELEY & CURTIS) HORAK, comb. nov.**

Bas.: *Laschia alba* BERKELEY & CURTIS (1869). J. Linn. Soc. Bot. 10: 323.

Syn.: *Campanella alba* (BERKELEY & CURTIS) SINGER (1945). Lloydia 8: 191.

Pterospora alba (BERKELEY & CURTIS) HORAK (1983). Sydowia 36: 129.

3. *Tetrapyrgos atrocyanea* (MÉTROD) HORAK, comb. nov.
Bas.: *Pterospora atrocyanea* MÉTROD (1949). Prodr. fl. myc. Madagascar 3: 140.
4. *Tetrapyrgos austrochilensis* (SINGER) HORAK, comb. nov.
Bas.: *Campanella austrochilensis* SINGER (1969). Beih. Nova Hedwigia 29: 86.
Syn.: *Pterospora austrochilensis* (SINGER) HORAK (1983). Sydowia 36: 131.
5. *Tetrapyrgos dendrophora* (SINGER) HORAK, comb. nov.
Bas.: *Campanella dendrophora* SINGER (1955). Mycologia 47: 673.
Syn.: *Pterospora dendrophora* (SINGER) HORAK (1983). Sydowia 36: 131.
6. *Tetrapyrgos diplocystis* (SINGER) HORAK, comb. nov.
Bas.: *Campanella diplocystis* (SINGER) (1975). Nova Hedwigia 26: 868.
Syn.: *Pterospora diplocystis* (SINGER) HORAK (1983). Sydowia 36: 131.
7. *Tetrapyrgos goniospora* (REID) HORAK, comb. nov.
Bas.: *Marasmiellus goniosporus* REID (1966). Austr. J. Bot. 14: 33.
Syn.: *Pterospora goniospora* (REID) HORAK (1983). Sydowia 36: 131.
8. *Tetrapyrgos olivaceonigra* (HORAK) HORAK, comb. nov.
Bas.: *Pterospora olivaceonigra* HORAK (1983). Sydowia 36: 131.
9. *Tetrapyrgos nigripes* (SCHWEINITZ) HORAK, comb. nov.
Bas.: *Agaricus nigripes* SCHWEINITZ (1822). Schr. Nat. Ges. Leipzig 1: 84.
Syn.: *Marasmius nigripes* (SCHWEINITZ) FRIES (1838). Epicrisis, 383.
Heliomyces nigripes (SCHWEINITZ) MORGAN (1896). J. Myc. 12: 93.
Marasmiellus nigripes (SCHWEINITZ) SINGER (1946, publ. 1948). Pap. Mich. Acad. Sc., Arts & Lett. 32: 130.
Pterospora nigripes (SCHWEINITZ) HORAK (1983). Sydowia 36: 133.
10. *Tetrapyrgos peullensis* (SINGER) HORAK, comb. nov.
Bas.: *Campanella peullensis* SINGER (1969). Beih. Nova Hedwigia 29: 85.
Syn.: *Pterospora peullensis* (SINGER) HORAK (1983). Sydowia 36: 134.
11. *Tetrapyrgos reducta* (SINGER) HORAK, comb. nov.
Bas.: *Marasmiellus reductus* SINGER (1973). Beih. Nova Hedwigia 44: 305.
Syn.: *Pterospora reducta* (SINGER) HORAK (1983). Sydowia 36: 134.
12. *Tetrapyrgos simulans* (PATOULLARD) HORAK, comb. nov.
Bas.: *Laschia simulans* PATOULLARD (1914). Leafl. Philipp. Bot. 6: 2252.
Syn.: *Campanella simulans* (PATOULLARD) SINGER (1945). Lloydia 8: 194.
Pterospora simulans (PATOULLARD) HORAK (1983). Sydowia 36: 134.

13. *Tetrapyrgos stipitata* (SINGER) HORAK, comb. nov.
Bas.: *Campanella stipitata* (SINGER) SINGER (1969). Beih. Nova Hedwigia 29: 86
(= *C. candida*) (A. L. SMITH) SINGER var. *stipitata* SINGER (1955). Mycologia 47: 765.
Syn.: *Pterospora stipitata* (SINGER) HORAK (1983). Sydowia 36: 136.
14. *Tetrapyrgos subcinerea* (BERKELEY & BROOME) HORAK, comb. nov.
Bas.: *Marasmius subcinereus* BERKELEY & BROOME (1873). J. Linn. Soc. Bot. 14: 37.
Syn.: *Pterospora subcinerea* (BERKELEY & BROOME) HORAK (1983). Sydowia 36: 136.
15. *Tetrapyrgos subdendrophora* (REDHEAD) HORAK, comb. nov.
Bas.: *Campanella subdendrophora* REDHEAD (1974). Mycologia 66: 185.
Syn.: *Pterospora subdendrophora* (REDHEAD) HORAK (1983). Sydowia 36: 137.

References

- HORAK, E. (1968). Synopsis generum Agaricalium. – Beitr. Krypt. Fl. Schweiz 13: 1–741.
— (1983). Neufunde und Bemerkungen zu einem emendierten Gattungskonzept von *Pterospora* MÉTROD (Agaricales). – Sydowia 36: 125–138.
- MÉTROD, G. (1949). Les Mycènes de Madagascar. – Prodr. fl. myc. Madagascar 3: 1–46.
- SINGER, R. (1962). The Agaricales (Mushrooms) in modern taxonomy. – 2nd ed., 1–915 (Cramer, Lehre).
- (1973). A monograph of the neotropical species of *Marasmiellus*. – Beih. Nova Hedwigia 44: 1–339.
- (1975 a). The Agaricales in modern taxonomy. – 3rd ed., 1–912 (Cramer, Vaduz).
- (1975 b). The neotropical species of *Campanella* and *Aphyllotus* with notes on some species of *Marasmiellus*. – Nova Hedwigia 26: 847–896.

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Jahr/Year: 1986/1987

Band/Volume: [39](#)

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Artikel/Article: [Tetrapyrgos HORAK \(nom. et gen. nov.\) replacing Pterospora MÉTROD \(1949; nom. preocc.\). 101-103](#)