

## **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.).

Type: *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* (PATOUILLARD) HORAK, comb. nov.  
Bas.: *Laschia simulans* PATOUILLARD (1914). Leafl. Philipp. Bot. 6: 2252.  
Syn.: *Campanella simulans* (PATOUILLARD) SINGER (1945). Lloydia 8: 194.  
*Pterospora simulans* (PATOUILLARD) 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.

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