

Mushrooms nomenclatural novelties no. 6

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Neoantrodia Audet, gen.nov.

IF552856

It differs from *Antrodia* s. str. by non metachromatic hyphae (CRB-), by smaller not short-lived pedunculate basidia around 10.1-35 x 4-8.1 µm, by cystidioles with cap-like crystalline encrustation except for *A. infirma*, by uninucleated basidiospores.

Holotype : *Polyporus serialis* Fr. 1821

Comment: The new genus is supported by the molecular analyses in Ortiz-Santana et al. 2013 (*Mycologia* 105 (6): 1391-1411), Spirin et al. 2013 (*Mycologia* 105(6) : 1555–1576), Han et al. 2016 (*Fungal Diversity* 80 :343-373) and Spirin et al. 2017 (*Mycologia* online).

Etymology: the name *neoantrodia* is derived from Greek *neos*=new and refers to the morphological affinities to the genus *Antrodia*.

Neoantrodia alaskana (D.V. Baxter) Audet, comb.nov.

IF552857

Basionym : *Trametes alaskana* D.V. Baxter, *Pap. Mich. Acad. Sci.* **27**: 150 (1942) [1941].

Neoantrodia angusta (V. Spirin & J. Vlasák) Audet, comb.nov.

IF553612

Basionym : *Antrodia angusta* V. Spirin & J. Vlasák, *Mycologia* **109**(2): 223 (2017).

Neoantrodia calcitrosa (V. Spirin & O. Miettinen) Audet, comb.nov.

IF553613

Basionym : *Antrodia calcitrosa* V. Spirin & O. Miettinen, *Mycologia* **109**(2): 223 (2017).

Neoantrodia flavimontis (J. Vlasák & V. Spirin) Audet, comb.nov.

IF553614

Basionym : *Antrodia flavimontis* J. Vlasák & V. Spirin, *Mycologia* **109**(2): 223 (2017).

Neoantrodia infirma (Renvall & Niemelä) Audet, comb.nov.

IF552858

Basionym : *Antrodia infirma* Renvall & Niemelä, *Karstenia* **32**(1): 35 (1992).

Neoantrodia kmetii (Vlasák) Audet, comb.nov.

IF552859

Basionym : *Antrodia kmetii* Vlasák, *Cryptog. Mycol.* **34**(3): 206 (2013).

Neoantrodia leucaena (Y.C. Dai & Niemelä) Audet, comb.nov.

IF552860

Basionym : *Antrodia leucaena* Y.C. Dai & Niemelä, *Ann. bot. fenn.* **39**(4): 259 (2002).

Neoantrodia morganii (Lloyd) Audet, comb.nov.

IF552861

Basionym : *Trametes morganii* Lloyd, *Mycol. Writ.* **5**(Letter 66): 15 (1919)

Neoantrodia primaeva (Renvall & Niemelä) Audet, comb.nov.

IF552862

Basionym : *Antrodia primaeva* Renvall & Niemelä, *Karstenia* **32**(1): 30 (1992)

Neoantrodia serialiformis (Kout & Vlasák) Audet, comb.nov.

IF552863

Basionym : *Antrodia serialiformis* Kout & Vlasák, *Mycotaxon* **108**: 331 (2009).

Neoantrodia serialis (Fr.) Audet, comb.nov.

IF552864

Basionym : *Polyporus serialis* Fr., *Syst. mycol.* (Lundae) **1**: 370 (1821)

Neoantrodia serrata (J. Vlasák & V. Spirin) Audet, comb.nov.

IF553615

Basionym : *Antrodia serrata* J. Vlasák & V. Spirin, *Mycologia* **109**(2): 228 (2017).

Neoantrodia variiformis (Peck) Audet, comb.nov.

IF552865

Basionym : *Polyporus variiformis* Peck, *Ann. Rep. N.Y. St. Mus.* **42**: 122 (1889).