

Nomenclatural novelties : Alfredo Vizzini

**Hortiboletus** Simonini, Vizzini & Gelardi, gen.nov.

**IF551213**

It differs from *Xerocomellus* by the spores smooth in all the species, never striate, never truncate, the common occurrence of small vermilion-red dots in the context at the stipe base, and the average spore quotient (Qm) lower than 2.5. It is common in urban areas (parks, gardens, flowerbeds), on disturbed roadsides or along paths.

Holotype: *Boletus rubellus* Krombh. 1836.

The new genus is supported by the molecular analyses in Gelardi et al. 2013 (*Sydowia* 65: 45-57),

Nuhn et al. 2013 (*Fungal Biology* 117: 479-511), Wu et al. 2014 (*Fungal Diversity* 69: 93-115), and in Vizzini (unpublished data).

Etymology: From the Latin word Hortus = garden, meaning bolete of the gardens.

**Hortiboletus rubellus** (Krombh.) Simonini, Vizzini & Gelardi, comb.nov.

**IF551214**

Basionym: *Boletus rubellus* Krombh., *Naturgetr. Abbild. Besch. Schwämme* (Prague) **5**: 4 (1836)

**Rheubarbariboletus** Vizzini, Simonini & Gelardi, gen.nov.

**IF551215**

Differs from *Xerocomellus* by the spores smooth in all the species, never striate, never truncate, elements of the pileipellis smooth or only with finely incrusting pigment, the presence of congophilous plaques on hyphal surface, the tapered and rooting stipe base, the bright yellow-ochraceous to orange-rhubarb and unchangeable context in the stipe base, and the dark blue-green to blackish reaction with iron sulphate on pileus surface and in the stipe base context.

Holotype: *Boletus armeniacus* Quél. 1884.

The new genus is supported by the molecular analysis in Gelardi et al. 2013 (*Sydowia* 65: 45-57) and Vizzini (unpublished data).

Etymology: From the Latin word Rheubarbarum = rhubarb, for the colour of the context at the stipe base.

**Rheubarbariboletus armeniacus** (Quél.) Vizzini, Simonini & Gelardi, comb.nov.

**IF551216**

Basionym: *Boletus armeniacus* Quél., *Compt. Rend. Assoc. Franç. Avancem. Sci.* **2**: 42 [repr.] (1884)

**Rheubarbariboletus persicolor** (H. Engel, Klofac, H. Grünert & R. Grünert) Vizzini, Simonini & Gelardi, comb.nov.

**IF551217**

Basionym: *Xerocomus persicolor* H. Engel, Klofac, H. Grünert & R. Grünert, in Engel, Dermek, Klofac, Ludwig & Brückner, *Schmier- und Filzröhrlinge s.l. in Europa* Die Gattungen *Boletellus*, *Boletinus*, *Phylloporus*, *Suillus*, *Xerocomus* (Weidhausen b. Coburg): 175 (1996)