

**VALIDATION OF HYDROPUS SCABRIPES VAR. QUADRISPORUS AND  
PSEUDOBAEOSPORA FRIESLANDICA**

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Arnolds et al. (1995: 232) announced the publication of *Hydropus scabripes* var. *quadrisporus*, but until now this did not appear. The creation of this variety became necessary when it turned out that the type of *H. scabripes* (Murrill) Sing. has 2-spored basidia.

***Hydropus scabripes* var. *quadrisporus* Bas, var. nov.**

Varietatis typicae similis, sed basidia tetraspora. — Typus: 'J. Scl reurs 738, 6 October 1982, Belgium, prov. Namur, Payenne south of Celles' (L).

Main characters of the type collection: Pileus up to 26 mm in diam., plano-convex with umbo, dark grey-brown (Munsell 5YR 4/2), but paler towards translucently striate margin, becoming rugulose on drying. Lamellae pale grey with concolorous edge. Stipe up to 90 × 2.5 mm, silvery white above to greyish cream at base, minutely pruinose.

Spores 7.9–9.9(–11.1) × 4.5–5.2 μm, Q = 1.55–1.95, average Q 1.8, amyloid, ellipsoid to oblong, often slightly tapering towards apiculus, thin-walled. Basidia 4-spored, with clamp-connections. Pleurocystidia abundant, 65–86 × 13.5–18.5 μm, lageniform to subutri-form or narrowly conical, always with broadly rounded apex, usually with abrupt, long, narrow pedicel, thin-walled. Cheilocystidia similar but often somewhat smaller. Pileipellis a cutis with scattered terminal or lateral clavate to subcylindrical pileocystidia with brown vacuolar pigment. Caulocystidia single or in clusters, 27–44 × 7–17 μm, slenderly to broadly clavate, colourless.

Habitat — Terrestrial in deciduous forest.

*Pseudobaeospora frieslandica* has been fully described and illustrated in the third volume of the Flora agaricina neerlandica and was supposed to be validated later on (Bas, 1996). Unfortunately, it was omitted then to indicate where the type is deposited.

***Pseudobaeospora frieslandica* Bas ex Bas, spec. nov.**

*Pseudobaeospora frieslandica* Bas in Bas et al., Fl. agar. neerl. 3 (1995) 135, fig. 135 (inval.); ditto Bas, Persoonia 16 (1996) 255 (inval.).

Typus: 'J. Wisman, 18.X.1984, Netherlands, prov. Friesland, Ouderhorstercompagnie' (L).

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