

Is *Diffflugia nebeloides* (Amoebozoa: Arcellinida) Really a Diffflugia? Re-description and New Combination

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Abstract: *Sphagnum* dwelling Arcellinida is the best studied group of testate amoebae. Nevertheless there are many rare and poorly documented species that are not easily identified and therefore often overlooked. Here we re-describe a species that initially had been described by GAUTHIER-LIÈVRE & THOMAS (1958) as *Diffflugia nebeloides*. Detailed light- and scanning electron microscopic investigations on the shell ultrastructure and biometric analysis of the morphometric variability of this species were performed. The results clearly show that the shell in this species is composed of a mixture of oval, circular and quadrangular siliceous shell plates collected or predated from other Arcellinida or Euglyphida. It has the typical test structure of the genus *Nebela*. Based on these results, the following systematic change is proposed: *Nebela nebeloides* comb. nov. (Syn.: *Diffflugia nebeloides* GAUTHIER-LIÈVRE & THOMAS, 1958).

Key words: Testate amoebae, Amoebozoa, Arcellinida, *Diffflugia nebeloides*, *Nebela nebeloides* comb. nov., biometry, morphology