

Cosmarium trachypleuroides nom. nov. Van Westen & Coesel

Replaced name: *Cosmarium pseudotrachypleurum* Van Westen & Coesel

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Cosmarium pseudotrachypleurum was validly published in Van Westen & Coesel (2022). However, another *Cosmarium* species was already validly described under that name by Noda & Skvortzov (1969) from China.

So, *Cosmarium pseudotrachypleurum* Van Westen & Coesel (2022) is illegitimate, as it is a later homonym of *Cosmarium pseudotrachypleurum* Noda & Skvortzov (1969). We therefore propose *Cosmarium trachypleuroides* as a new name for *Cosmarium pseudotrachypleurum* Van Westen & Coesel (2022).

In the original publication (Van Westen & Coesel, 2022) *C. trachypleuroides* was reported from the Dutch provinces of Drenthe and Overijssel, and from France.

In the Dutch province of Drenthe *C. trachypleuroides* was found in several locations (fig. 1).

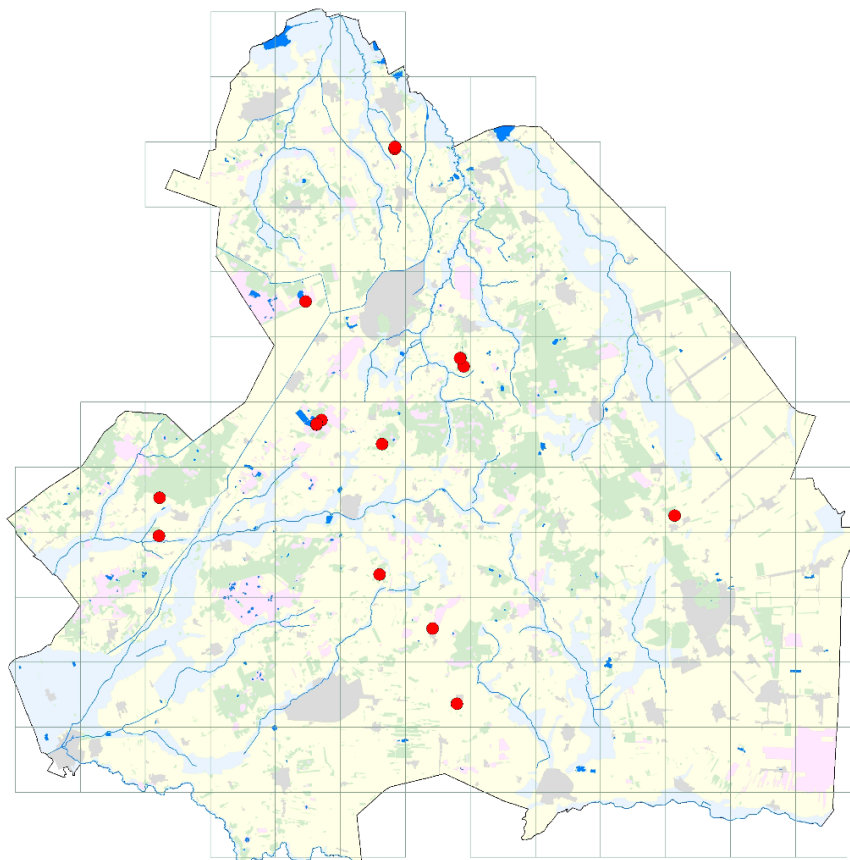
This species was also found in loamy pools in the

province of Gelderland (Frans Kouwets, personal communication), in dune pools in the northwestern part of the Netherlands (Michiel Schreijer, personal communication) and in the Outer Hebrides (Cris Johnson, personal communication). So this species is probably more widespread and often overlooked or misidentified.

Literature

Noda, M. & B. V. Skvortzov, 1969. New and rare desmids from Genho River of Great Chingan Mountains, autonomous region of Inner Mongolia, China. *Science Reports of Niigata University Series D (Biology)* 6: 65–86.

Van Westen, M.C. & P.F.M. Coesel, 2022. Taxonomic notes on desmids from the Netherlands V, with a description of seven new taxa. *Desmidiologische Mededelingen* 9: 11–18.



Cosmarium trachypleuroides.
Scale bar = 10 µm.

Figure 1. The distribution of *Cosmarium trachypleuroides* in the province of Drenthe