

REVISION OF *VAUCHERIA* SECT. *TUBULIGERAE* (XANTHOPHYCEAE) IN RUSSIA

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The paper presents new data on the section *Tubuligerae* of the genus *Vaucheria* in Russia. The section is expanded by description of two new species, *V. pseudaversa* sp. nov. and *V. megalaversa* sp. nov. One neglected name, *V. rostellata*, is reinstated for the species widely known as *V. aversa*. In Russia, five species and one variety were identified, including four newly recorded taxa, *Vaucheria rostellata*, *V. prolifera*, *V. prolifera* var. *reticulospora* and *V. megalaversa*. The paper provides morphological descriptions covering the studied specimens, as well as data on synonymy, taxonomy, distributions and ecology.

Keywords: *Vaucheria*, new species, new records, morphology, distribution, Russia

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