

Volatile Components of the Freshwater Algae *Spirogyra* and *Mougeotia*

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Several species of freshwater green algae belonging to the order Zygnematales (*Spirogyra crassa* (Ktz.) Czurda, *S. longata* (Vauch.) Ktz., and *Mougeotia viridis* (Ktz.) Wittr.) were found to have a specific composition of the volatile fraction, which confirms an earlier proposal for the existence of two groups in the genus *Spirogyra*. Antibacterial activity was found in volatiles from *S. longata*.