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Tolypammina vagans (Foraminiferida) as inhabitant of the Oxfordian siliceous sponges

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An argillaceous, monothalamous foraminifera *Tolypammina vagans* (Brady) adapted to live in sponges, was found in the water system of numerous siliceous sponges collected from Oxfordian marls and limestones of Central and Southern Poland. Individual variability of *T. vagans* was traced and it was found that most species of *Tolypammina* Rhumbler should be classified within this species. The occurrence of *T. vagans* in sponges was commensal in character and dependend on: 1) dynamics of water circulation in sponges, 2) presence of sufficient quantity of terrigenous quartz in silt fraction in water. The role of occurrence of *T. vagans* in successively changing sponge assemblages for the reconstruction rate of silt sedimentation in the Oxfordian Basin of Poland is pointed out.