

Septate Gregarines (Apicomplexa: Eugregarinida) of the Alien Invasive Millipede *Oxydus gracilis* C. L. Koch, 1847 from Bulgaria

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Abstract: The millipede *Oxydus gracilis* (Diplopoda: Paradoxosomatidae) is an alien invasive diplopode in Bulgaria, living so far in some hot greenhouses only. A total high prevalence of invasion (75%) with tree species of eugregarines was observed: *Stenophora nematoides* LÉGER & DUBOSCQ (59%), *S. robusta* ELLIS (46%) and *Fonsecaia polymorpha* PINTO (4%). Brief morphological and morphometric data for the established eugregarines are given and illustrated with light microscopical micrographs. The high percentage of invasion of the examined millipede with eugregarines is explicated by its abundant populations at the explored hot greenhouses and the free contact of *O. gracilis* with other native and phylogenetically close millipedes in the same habitats.

Key words: *Oxydus gracilis*, Eugregarinida, *Stenophora*, morphology, prevalence, Bulgaria.