

# Contribution to the Study of the Nematode Fauna (Nemathelminthes: Nematoda) in the Tundzha River, Central and South-East Bulgaria

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**Abstract:** A total of 45 species, belonging to 21 genera, 13 families, and 4 orders was found. Five nematode species and one genus are new to the Bulgarian hydrofauna. A dominance analysis and a distribution by bottom substrata were made. The species with the higher values of pF% (83,3) and Dt% (89,6) is *Dorylaimus stagnalis*.

Besides species with high pF% and Dt% values (*Dorylaimus stagnalis*, *Monhystera stagnalis*), species with high Dt% and low pF% (*Monhystera paludicola*) also occur.

**Key words:** Nematoda, Tundzha River, faunistic, bottom substrata.