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Water Mite (Acari, Hydrachnellae) Fauna of Lake Çapalı, Afyon, Turkey

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Abstract: Through 10 monthly sampling, a total of 7434 water mites belonging to 24 species and 9 families from Lake Çapalı were caught and identified. Of these, *Piona variabilis* and *Arrenurus batillifer* are new records for the Turkish fauna. Besides the index of species diversity, frequency analysis and the ecological characters of the study area, constant, associated, euconstant, influent and accidental species were determined.

Key Words: Hydrachnellae, Acari, new record, ecology, Turkey

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