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The Prosobranchia (Gastropoda: Mollusca) Species of Turkey and Their Zoogeographic Distribution 1. Fresh and Brackish Water

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Abstract: Of the Prosobranchia species found in Turkey, 60 species and 12 subspecies were determined to be present in the study area according to our results and the results of foreign malacologists. The species and their genera are: 8 species, 2 subspecies belonging to Theodoxus; 1 species, 1 subspecies belonging to Viviparus; 4 species belonging to Valvata; 3 species belonging to Hydrobia; 1 species belonging to Semisalsa; 6 species belonging to Graecoanatolica; 2 species belonging to Kirelia; 2 species belonging to Belgrandiella; 1 species belonging to Falsibelgrandiella; 3 species belonging to Islamia; 3 species belonging to Bythinella; 2 species, 2 subspecies belonging to Pseudamnicola; 1 species belonging to Orientalina; 1 species belonging to Turkorientalia; 3 species belonging to Sadleriana; 1 species belonging to Sheitanok; 1 species belonging to Horatia; 1 species belonging to Potamopyrgus; 1 species belonging to Lithoglyphus; 1 species belonging to Pyrgorientalia; 2 species belonging to Falsipyrgula; 5 species belonging to Bithynia; 1 species, 6 subspecies belonging to Melanopsis; 2 species, 1 subspecies belonging to Fagotia and 1 species belonging to Melanoides. From the known taxa, 35 species and 5 subspecies are distributed only in Anatolia. Also, 22 fossil Prosobranchia species and 6 subspecies were determined from the sediments of different regions and different geological periods of Anatolia. The species and their genera are: 3 species, 2 subspecies belonging to Theodoxus; 1 species belonging to Caspicyclotus; 3 species belonging to Valvata; 2 species belonging to Hydrobia; 1 species belonging to Semisalsa; 1 species belonging to Graecoanatolica; 1 species, 4 subspecies belonging to Prososthenia; 1 species belonging to Belgrandiella; 1 species belonging to Pseudamnicola; 2 species belonging to Pyrgula; 3 species belonging to Falsipyrgula; 2 species belonging to Micromelania; 1 species belonging to Bithynia. From the known fossil taxa, 21 species and 6 subspecies have been found only in Anatolia and 4 species are still present. The systematic and zoogeographical distribution of the taxa are described in this study.

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