

# First Data for the Species Identification of Turbot *Psetta maxima* (L. 1758) (Pisces: Scophthalmidae) along the Bulgarian Black Sea Coast Based on Genetics-Biochemical Analyses

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**Abstract:** On the basis of isoelectric focusing (IEF) of haemoglobin on thin polyacrilamide Ampholine gel two different species-specific spectra of the turbot along the Bulgarian Black Sea coast were found. Haemoglobin spectra, typical of two turbot species correspond with some of their morphological differences. The data obtained could be used for species identification of the turbot in the Black Sea.

**Key words:** turbot, haemoglobin, electrophoresis, isoelectric focusing