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A Systematic Study on the Otolith Characters of Sparidae (Pisces) in the Bay of İzmir (Aegean Sea)

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**Abstract:** The otolith morphologies of 13 species belonging to the Sparidae family collected from the Bay of İzmir (Aegean Sea) were examined separately and the characteristics were drawn. The values obtained from measurements are given in the 95% confidence interval. With discriminant analysis, the groups were formed depending on the data collected. As a result of this analysis, it is possible to identify the species from the Sparidae family by the otolith characters.


**Key Words:** Sparidae, otolith morphology, discriminant analysis, the Bay of İzmir

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