

ABSTRACT**TAXONOMIC INVESTIGATION OF THE ANURAN SPECIES OF THE
IŞIKLI LAKE (ÇİVRİL)**

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This study determines to Anuran frogs which lives in Işıklı Lake and aims to put forward their taxonomic status. Obtained from samples collected for this morphological and morphometric data were compared with other regions in the light of the literature. Studies are mainly based on field and laboratory data. Field studies, collection of samples, laboratory studies, the sample consists of the detection process and measurement process. Sampling and detection procedures in the months of April to July of 2009 and 2010 includes field work to be done. Color and pattern characteristics of samples before the detection process by determining the ratio of these features were recorded. The measurements obtained were used in statistical analysis. Colors, patterns and morphological characters for identifying species in this area and will provide information about the amphibian fauna of the region will help to illuminate. In light of the data obtained from three species lived in Işıklı Lake and this species *Pseudepidalea viridis*, *Hyla arborea* and *Pelophylax caralitanus* was determined.

Keywords: Işıklı Lake, Anura, Morphology, Taxonomy