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ECHOLOCATION SYSTEM OF NOCTURNAL MOTHS

The monograph summarizes the research on the echolocation system of nocturnal moths - the noctuids (Noctuidae, Lepidoptera). For the first time the ability of moths to use the pulse echolocation was experimentally established. The aspects of the probing sound production, the perception of an echo and the spatial characteristics of the locator are examined. Also the influence of bat predation on the moth acoustic behavior is discussed.

The book is addressed to graduate students, undergraduates and researchers specializing in sensory physiology and ecology.

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