

## **AN ELECTRONIC SURVEILLANCE SYSTEM FOR NIGHT-FLYING BIRDS (BATS)**

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### **ABSTRACT**

The construction of an electronic surveillance system that can be used to count night-flying birds passing through a 2-D window is presented. The surveillance system has been designed primarily to estimate the number of bats (although they are not birds) flying in or flying out of a cave. In addition to counting bats, this detector can be used to study the population, seasonal variations and the habits of bats and how they react to environmental changes.