## A Unique Winter Roosting Location for a Northern Long-eared Bat (Myotis septentrionalis)

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The listing in 2015 of the northern longeared bat (Mvotis septentrionalis) by the United States Fish and Wildlife Service (2015) as threatened has accelerated research efforts and identified a gap in knowledge regarding the winter roosting habits of this Although M. septentrionalis has historically been found in caves and mines (Caceres and Barclay, 2000), the low number of individuals observed during winter surveys suggests that there may be alternative winter roosting sites. During a trip on 19 February 2012 to observe green salamanders (Aneides aeneus) along a south-facing rocky outcrop, near Hubbard's Cave, in Warren County, Tennessee, a single male M. septentrionalis was found roosting horizontally under a piece of limestone that was 30-cm long and 30-cm wide. The rock was about 10-cm thick and positioned on top of a large boulder that was in direct contact with the outcrop. weather was rainy on that day, with a high temperature of 10° C and low temperature of -0.6° C. Although other eastern Myotis, such as the small-footed bat (Myotis leibii) have been found in similar habitat during summer (Steffen et al., 2006; Whitby et al., 2013), this is the first report of M. septentrionalis roosting under a rock in winter.

## **Literature Cited**

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