



ILLINOIS NATURAL
HISTORY SURVEY
PRAIRIE RESEARCH INSTITUTE

21 FEB 2017

ILLINOIS NATURAL HISTORY SURVEY SEMINAR SERIES

EXPLORING THE INFLUENCE OF LANDSCAPE COMPOSITION ON PRODUCTIVITY AND NEST PREDATORS OF BIRDS BREEDING IN ILLINOIS



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By determining how habitat conditions surrounding bird nests influence reproductive output, we can make more informed management decisions regarding what actions may help reverse population declines. Using a sample of over 4000 nests from 33 sites in Illinois, I explore differences in shrub-nesting bird productivity (reproductive success rates and young produced) as a function of the landscape composition surrounding nests. In addition, I examine how such composition impacts nest predation by dominant nest predators and discuss the potential role the forest preserve network in the greater Chicago region might play in the conservation of declining Illinois breeding birds.

3:00 PM FORBES NATURAL HISTORY BUILDING, ROOM 1005
1816 S. OAK ST, CHAMPAIGN

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The Illinois Natural History Survey seminar series is organized by the INHS Seminar Committee.

