
University of Pennsylvania
Institute for Environmental Studies
presents



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Use of Plant Species for Nesting by Wood Thrushes in Relation to Age, Sex and Time of Season

The wide concern over declining abundance of most migrant bird species has led to many studies of nesting ecology and factors potentially affecting productivity and recruitment of new individuals. Many studies have shown predation to be the principal cause of nest failure. Therefore, nest placement could be an important factor affecting reproductive success of individuals. Most habitat-related studies in avian ecology have focused on vegetation structure. We asked whether the plant species in which nests were built contributed to differential reproductive success among individuals. We used data for 931 nests from a 32-year study of a banded Wood Thrush population to answer 4 questions: How were nests distributed among plant species? Did fledgling production vary among plant species? Did height of nest placement vary with time? Did production vary with height? We addressed each question in the context of temporal, sex, and age effects. The results and implications of these analyses will provide the framework for the seminar.

Date: September 22, 2004
Time: NOON - 1:30 pm
Place: Carolyn Hoff Lynch Auditorium
On the Penn campus: Chemistry Building:
34th & Spruce St (enter on 34th St)

NO REGISTRATION REQUIRED

Direct questions to: 215-573-3164

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NO FOOD OR DRINK IS PERMITTED IN THE AUDITORIUM
