

Breeding biology of birds at Sakaerat Environmental Research Station.

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ABSTRACT

This investigation was undertaken at Sakaerat Environmental Research Station, Nakhon Ratchasima province. The study site has been considered as a Biosphere Reserved Area having the total area of 81 Km² with the elevation ranging from 240 m to 760 m above mean sea level. Based on existing land use patterns, the area could be divided into 4 vegetation types as follows: Dry evergreen forest (29.5 Km²), Dry dipterocarp forest (12.2 Km²), reforested and shifting cultivated area (37.9 Km²), and bamboo forest (1.4 Km²). Results from previous studies revealed that there were 30 species of mammals, 77 species of birds, 78 species of reptiles, and 25 species of amphibians in this area.

The current study was carried out from January to December 1987. Nests in each vegetation type were recorded together with behavior observation at least once a month along the walking transect lines. The findings showed that 33 bird species found nesting were of 13 in dry evergreen forest *Hypothymis azurea*, *Theron curvirostra*, *Nyctyornis athertoni*.