



TEMPERATURE EFFECT ON BREEDING BIOLOGY AND ABNORMAL NEST BEHAVIOUR OF BAYA WEAVER (PLOCEOUS PHILIPPINUS) IN SEMI-ARID AREA OF SHEKHAWATI REGION IN RAJASTHAN

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ABSTRACT

Indian Baya Weaver (Ploceous philippinus) is a popular bird in Shekhawati region, this region include Sikar, Jhunjhunu and some part of Churu districts. This bird is famous for its beautiful, retort and charming nest. Baya weaver have love and hate relationship with local people. Nest are make by male birds and selects by females, after selection of nest male and female copulate in nest and female lays 2 to 3 eggs. Developments of these eggs and chicks are directly depend and affects by environmental factors the one of major's factors are temperature and rainfall. For this purpose we select 21 nests and some colony of nest. Growth and development of chicks are influence by its surrounding temperature, we take temperature measurements inside nests in a colony and its surround environment by Laser thermometers and observe chick development and abnormal nest prepared by bird interpreted these data in reference of growth pattern of chick and nest structure and its morphology. Key words: - Temperature, Baya weaver, Nest, Growth pattern, Abnormal nest
