

Research Article

A preliminary checklist of butterflies (Insecta: Lepidoptera) from Vijaynagar, district Changlang, Arunachal Pradesh, India

Roshan Upadhyay¹, Renu Gogoi², Rezina Ahmed^{2*} and Ruksha Limbu³

¹Police Department, Basar, Leparada, Arunachal Pradesh-791101, India

²Department of Zoology, Cotton University, Guwahati, Assam-781001, India

³School of Biosciences, RIMT University, Punjab Mandi Gobindgarh, Punjab-147301, India

*Corresponding Author's E-mail: drrezinaahmedcu@gmail.com

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ABSTRACT

In the present course of study from Vijaynagar of Arunachal Pradesh, a total of 237 species of butterflies from six lepidopteran families were recorded. Family Nymphalidae was determined to be the most dominating, with n=100, followed by Hesperidae, Lycaenidae, Papilionidae, Pieridae, and Riodinidae, with n=45, 40, 25, 20, and 7 respectively. 13 species out of 237 butterflies were added to the IUCN list, while 51 species out of the total were listed under different Schedule I, II, and IV of the Indian Wildlife Protection Act of 1972. The research established the presence of a high diversity of butterflies and prepared the first systematic checklist of butterflies from Vijaynagar, Arunachal Pradesh. The region can therefore be used as a significant state-protected area for ongoing efforts to conserve the butterfly biodiversity.

Key words: : Hesperidae, Lycaenidae, Vijaynagar, Nymphalidae, Papilionidae, Pieridae, Riodinidae.

