

4th International Conference on **Biodiversity**

June 15-17, 2015 Las Vegas, USA

An inventory of family Noctuidae (Noctuidae: Lepidoptera) from Himachal Pradesh

Charan Kamal Sekhon and Manjeet Singh
Sri Guru Granth Sahib World University, India

Lepidoptera comprising moths and butterflies is the third largest order in the class Insecta. Their numerical strength has been estimated to be about more than 35,000 described species referable to 4,200 described genera. They are usually dull colored moths with drab forewings, although some have brightly colored hind wings. They have thicker abdomen and robust body structure. The Noctuid moths can be easily distinguished on the basis of venation of the hind wing, where $Sc+R_1$ are separated from R_s and are connected with the discal cell at base. Principally they are defined by the presence of tympanum on metathorax. The moths belonging to subfamily Noctuidae are of great economic importance as these include large number of minor and major pest species. The most important pests belonging to this family are known by their common names like armyworms, cutworms, bollworms, stemborers and rootfeeders. An inventory of family Noctuidae belonging to super family Noctuoidea has been prepared from Himachal Pradesh. As many as 2300 representatives of 105 species referable to 69 genera have been studied and 10 species have been recorded for the first time from this area.

Biography

Charan Kamal Sekhon has completed her MSc, MPhil and Ph.D from Department of Zoology and Environmental Sciences, Punjabi University Patiala. She has presented research papers in 16 National and International conferences and published various research papers in reputed journals. Currently, she is working as an Assistant Professor in Department of Zoology, Sri Guru Granth Sahib World University, India.

drcks31@gmail.com

Notes: