Diversity of Butterflies Around Panje - Funde Wetland, Uran, Navi Mumbai West Coast of India

Aamod N. Thakkar1, Pankaj T. Bhoye2, Niketan R. Thakur*2
Veer Wajekar A. S. C. College, Mahalan Vibhag, Phunde, Uran, Raigad, Maharashtra, India
*Corresponding Author: niketan36@gmail.com

Abstract: Uran is under heavy process of Urbanization, Industrialization, land filling, reclamation cutting of mangroves, shipping and port related activities resulting in fragmentation of natural habitats. Butterflies are bio-indicators of habitat quality and are sensitive to any changes taking place in habitat a survey of butterfly diversity of Panje –Funde wetland and nearby area was conducted for a period of one year from June 2017 to May 2018. During present investigation total of 66 species of butterflies belonging to 46 genera and 6 families were recorded. Butterflies from family Nymphalidae showed maximum species diversity dominance with 17 genera and 27 species followed by Lycaenidae with 10 genera and 10 species, Pieridae with 9 genera and 15 species Hesperiidae with 6 genera and 6 species, Papilionidae represented with 3 genera and 6 species, the least number of 1 genus and 2 species were recorded from the family Riodinidae. There is urgent need for effective habitat and biodiversity conservation program in this Eco sensitive area.

Keywords: Butterflies, Panje, Wetland, Diversity.

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