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.

REFERENCES
[7]. Kasambe Raju (2012), Maharashtrateel Fulpakhare, Published by Sahitya Prasar Kendra.
[8]. Kunte Krushnamegh (2000) Butterflies of Peninsular India. Published by Universal Press (India) Ltd.


[23]. Tanmoy Dey and Jayati Ghosh (2016), A Study on the diversity and abundance of Butterfly fauna in urban green areas of Krishnagar, Nadia, West Bengal, pp 117-122.