

Research Article

Distribution and review of Water migratory bird species in riverine and water reservoir wetlands of district Haridwar in Uttarakhand, India

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ABSTRACT

Indian Himalayan Region contributes a rich biodiversity zone in the world. The wetland ecosystems also play major role to enhance the avian diversity in the Uttarakhand. However, various factors influence the distribution, abundance, and diversity of waterbird species. The current study was performed to know the current status and distribution of waterbird species in riverine and water reservoir wetlands of Uttarakhand. Total 22 species along with 1 Vulnerable, 02 near threaten and 01 Endangered waterbird species recorded from the study sites. In our study about 10-30% water migratory bird species contributes to increase the local bird diversity in the wetland area and waterbird changing their habitat due to anthropogenic activity. The maximum waterbird species with their individual reported at manmade wetland. The presence of endangered and threatened species in these wetland emphasizes on the conservation programme and a regular monitoring requires understanding the waterbird species distribution pattern and influencing factors for waterbird species.

Key words: Wetland, Himalayan Region, Biodiversity, Waterbird, Uttarakhand

