

Diversity and Ecology of the Aquatic Avifauna of the Wetland of Sebket Bazer Sakhra, South of Setif, Algeria

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Abstract : In order to estimate the evolution of the numbers of the aquatic avifauna and their seasonal variations in Sebket of Bazer-Sakhra (Site of the eco-complex wetlands of Setif) a monitoring realized during the period from September 2012 to August 2013 allowed to inventory 54 species are spread over 08 orders, 15 families, 34 genres. To follow the global dynamics and the seasonal distribution of species inventoried at Sebket Bazer, an analysis of the variation of the total workforce has been established by ecological indices. The autumn season includes the largest number of birds, it totals 3639 individuals. Accidental species are well represented at the autumn and spring seasons denote the interest of the site with respect to migration passages of aquatic birds. During the fall and spring, the Flamingo and the Belon Shelduck are the most abundant with respectively (500, 883) and (560, 1296) individuals. The ecological analysis of this stand showed us that the highest species richness is recorded in spring, (45 species) and the lowest value is obtained in summer it is 20 species.

Keywords : Sebket of BazerSakra, ecology, aquatic avifauna, biodiversity, seasonal evolution, wetland

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