

**Research Article**

# **Behavioural Patterns and Activity Budgeting of Greater Flamingo, *Phoenicopterus roseus* in Najafgarh Jheel Bird Sanctuary (Drain), Haryana, India**

**Amit Kumar<sup>1,\*</sup>, Sarita Rana<sup>2</sup>**

<sup>1</sup>Department of Zoology, Kurukshetra University, Kurukshetra, Haryana 136119, India

<sup>2</sup>Department of Zoology, Institute of Integrated and Honours Studies, Kurukshetra University, Kurukshetra, Haryana 136119, India

\*Corresponding Author's E-mail: [amitkumar12@kuk.ac.in](mailto:amitkumar12@kuk.ac.in)

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## **ABSTRACT**

Activity pattern performed by Greater Flamingos was studied at Najafgarh Jheel Bird Sanctuary from November 2018 to November 2019. During present study different type of behaviours was recorded, and frequency calculated for a different type of behaviours performed among months as well as different time block (morning, afternoon, evening) for adult and immature. A total of 117 hrs were spent in recording activity budget study. Scan sampling and focal sampling methods were adopted to collect the data. A number of behavioural categories, resting (one leg- standing, broken neck posture), preening (twist preen), feeding, alert, aggression (such as chrysanthemum / Threatening, hooking and ritual bickering), movement (marching, flight, walking), wing-salute, inverted wing salute, wing-leg stretching, scratching, drinking, bathing, wing flapping and combat identified. The result revealed that the main behaviours were Feeding, resting and preening. Resting was maximum at morning hours while feeding at its peak during evening hours. Greater Flamingos found to be engaged in feeding (47.16 % ± 1.34) followed by resting (23.85 ± 1.08 %), preening (14.09 ± 0.33 %) movement (6.98 ± 0.76 %) alert (3.30 ± 0.12 %) and aggression (1.44 ± 0.13 %).

**Key words:** Activity Budgeting; Flamingo; *Phoenicopterus roseus*, Najafgarh Drain; Haryana; Behaviour; Feeding; Resting

