



Diversity of ants at Indira Gandhi Garden in Bhiwandi, Maharashtra

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Abstract

The study was done about diversity of ants at Indira Gandhi Garden in Bhiwandi, as there is no adequate information pertaining on ant diversity of this region. The present study was carried out during Premonsoon, Post monsoon and winter in 2014-2015. The ants were sampled by employing intensive all out search method. The results showed the sampled specimens representing 13 species belonging to 9 genera and four subfamilies. Most diverse subfamily was Formicinae (4 genera with 5 species), followed by Myrmicinae (4 genera with 4 species) and Dolichoderinae (2 genera with 2 species). Pseudomyrmicinae was represented by only 1 genus with 2 species. Among the sample genera which showed the highest number of species representation were Camponotus and Tetraponera with 2 species. The present study has yielded valuable information of ant availability in this region and also reveals that Indira Gandhi Garden has a rich diversity of ants in spite of disturbance from the visitor and regular alteration in habitat of these ants. This study showed that the ants could survive against the odds and this study area served as a mini model to examine the persistence of ant species in the locality.

Keyword: Ants, Bhiwandi, Diversity, Indira Gandhi Garden.

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