

Research Article

Diversity in Basidiomycetes Fungi from Dadra and Nagar Haveli (DNH) District

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Abstract

Basidiomycetes are fairly a diverse group of fungi represented by about 1948 genera consisting of 30,000 species and classified under the sub-division basidiomycotina. Most of them comprise highly developed fructifications, known as basidiocarps which may be fleshy or woody. The present study of basidiomycetes fungi has provided significant insights into the diversity this group of fungi within the Dadra and Nagar Haveli District. The average annual rainfall in Dadra and Nagar Haveli ranges between 2,000 mm to 2,500 mm and the average annual temperature ranges between 25 C to 27.5 C with good humid environment which favors growth of diverse fungi in forest areas. The forest areas in the district surveyed weekly during rainy season *i.e.* June to September 2024. The basidiomycetes fungi were observed, collected, photographed and preserved in FAA solution. Extensive field survey in above areas in the Dadra and Nagar Haveli District revealed the occurrence of 105 species of fungi belonging to class basidiomycetes, of which 76 species were identified so far.

Key words: Basidiomycetes, Basidiomycota, Dadra and Nagar Haveli (DNH), diversity, fungi, taxonomy

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