



## Wetland and Aquatic Angiosperm Flora of Denkanikottai, Krishnagiri, Tamil Nadu

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**Abstract:** A floristic study was carried out in different wetlands and aquatic habitats of Denkanikottai, Krishnagiri District of Tamil Nadu during 2017-2018. A total of 106 angiosperm species that belong to 79 genera and 36 families were identified. Among these 85 species represent dicotyledons and 21 species belong to monocotyledons. The predominant families are Compositae (11 genera and 12 species), followed by Leguminosae (7 genera and 8 species), Cyperaceae (5 genera and 9 species), Plantaginaceae (5 genera and 6 species) and 13 families represented by singleton species. Nine species were widely distributed to present study area such as *Aponogeton natans*, *Ammannia baccifera*, *Centella asiatica*, *Ipomoea carnea*, *Mimosa pudica*, *Lindernia hyssopoides*, *Ludwigia adscendens*, *L. octovalvis* and *Portulaca oleracea*. Two insectivorous species were collected such as *Urticularia aurea* and *U. vulgaris*. We recorded endemic species *Rotala fimbriata* in the study area, which is earlier reported only from southern India. In the present study, we generated a baseline data on angiospermic biodiversity of wetland and aquatic habitats of Denkanikottai taluk, which is essential for conservation and management strategies of Wetland and aquatic habitats. In the present study area were recorded very richness in wetland and aquatic biodiversity.

**Keywords:** Wetland, Aquatic, Angiosperms, Endemic, Insectivores, Denkanikottai, Krishnagiri

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