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Current Updates in Life Sciences



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A NOTE ON BIODIVERSITY OF WEEDS FROM AKOLA DISTRICT (MS)

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ABSTRACT:

The term biodiversity is the shortform of Biological diversity . It can be defined as “ The variability among living organisms from all types of habitats on the earth” and weeds are the plants which grow where they are not wanted. However there are several other definations of weeds as plants out of place (Dayton 1948). The present paper deals with the study of some of the weeds from Akola Disrtict. The present survey shows that there are about 135 prominent weeds belonging to 25 different families of which some are given here. This paper includes Botanical name, common name in Marathi, Family name of some of the weeds authenticated by using various floras like Flora of Marathwada Vol I & II, Flora of presidency of Bombay, Flora of presidency of Madras, Compendium of Indian weed science Research etc.

Key words: Biodiversity, Weed plants, Flora

Introduction:

Akola District is one of the District from Vidarbh region of Maharashtra state. It is bounded on North by Washim District, on the east by Buldana and on west by Amravati District. It is least urbanised district of Maharashtra most of the peoples are self employed in agriculture and forestry as black cotton soil present in most of the area of the District . The major crops are cotton, Wheat, Jawar, groundnut, Soya bean etc .

The current paper deals with the study of weed plants from Akola District. During this survey work in 2018-19 it is noticed that there are lots of weeds growing in and surrounding the fields affecting the quality and quantity of the yield. There are about 135 weeds are commonly present in the District belonging to 25 different families of the monocot and dicot plants of which some are listed here in table no.1. The weed samples were collected identified with the help of Floras and deposited in the departmental herbarium of Dept. of Botany Shri. R. L. T. College of Science, Akola (MS) for ready reference.