

## Studies on the species composition and ethno-medicinal importance of certain wild plants of district Jaunpur, Uttar Pradesh

G. K. DWIVEDI AND A. TRIPATHI

### ABSTRACT

The present communication reports species diversity and ethno medicinal value of some weeds used locally. The present is an attempt to highlight plants used by local people as food, fodder, fibre, medicine, dyes, tannins, oil, agriculture and household implements, thatching, hedges, worship, etc.

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**Key words :** Ethno botany, Medicinal plant

### INTRODUCTION

Jaunpur an eastern district of U.P. is situated between 25°24' - 26°12' north latitude and 82°7'-83°5' east longitude. Total area of the district is 4038 km<sup>2</sup>. Area is intercepted by many perennial lakes locally called 'Tals'.

### MATERIALS AND METHODS

Extensive survey work was carried out. A number of medicine men having experience to utilize these plants were

consulted. During trips, observation, on morphological and ethno botanical importance was recorded. Plants were brought to the laboratory to the Department of Botany, T.D.P.G. College Jaunpur, were identified with the help of relevant floras (Duthie, 1903-1929; Haines, 1921-25).

### RESULTS AND DISCUSSION

The tabular chart (Table 1) was prepared on the basis of direct interviews and discussion with native medicine-men, vaidyas and other interest persons in Ayurvedic

**Table 1 : List of wild ethano medicinal plants and their use**

Botanical name	Family	Part used	Ethno medicinal use
<i>Abutilon indicum</i> Linn.	Malvaceae	Root, Leaf, Seed	Rheumatic pain, leucoderma
<i>Achyranthes aspera</i> Linn.	Amaranthaceae	Root	Antidote, leucoderma
<i>Adhatoda vasaka</i> Nees.	Acanthaceae	Leaf	Cough and Bronchitis
<i>Aegle marmelos</i> Linn.	Rutaceae	Fruit	Diarrhoea, dysentery
<i>Ageratum conyzoides</i> Linn.	Asteraceae	Leaf	Antiseptic, cuts and wounds
<i>Alternanthera sessilis</i> .	Amaranthaceae	Whole plant	Tonic, fever
<i>Amaranthus spinosus</i> Linn.	Amaranthaceae	Root	Intestinal worms
<i>Anagallis arvensis</i> Linn.	Primulaceae	Leaf	Leeches in nostrils
<i>Argemone mexicana</i> Linn.	Papaveraceae	Stem	Dropsy, Tuberculosis
<i>Arundo donax</i> Linn.	Poaceae	Leaf	Dyspepsia in animals

Table 1 : Contd....

#### Address for correspondence :

G.K. DWIVEDI, Department of Botany, T.D.P.G. College,  
JAUNPUR (U.P.) INDIA

#### Authors' affiliations:

A. TRIPATHI, Department of Botany, T.D.P.G. College,  
JAUNPUR (U.P.) INDIA

medicines. The district Jaunpur is very rich in plant diversity. In remote part of the district people were found widely adopting herbal medicine in their routine life. Herbal drugs are being used in cure of cold, cough, fever, pain, diarrhoea, dysentery, malaria, indigestion, piles etc. by rural people on large scale in district Jaunpur.