



## Floristic study of some commonly occurring medicinal plants from Buldana District with special reference with medicinal importance.

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## ABSTRACT

The present survey was carried out from Buldana district. This paper consist of some common medicinal plants with their common name in Marathi language and medicinal uses. We focused on the 20 medicinal plants along with there uses.

## KEYWORDS

Ethno-medicine survey, medicinal plants, Etnomedicinal use, Buldana district.

## Introduction:

About 70% of Indian population used various plants as food, medicine, and many others purpose for daily use. Ethnobotany is study of relationship between plants and peoples. Since historic time medicinal plants have been used in various medicinal systems like Aurveda, sidha and unani. Medicinal plants are used for preventive, promotive and curative purpose. The medicinal plants have been selected on this basis of local traditional knowledge. The some rural peoples such vaidu, adivashi, local practioner have traditional indigenous knowledge about the use of medicinal plants to cure various disease. some similar work are also some by some investigator such as (M.S Salve and A.K Korpenwar 2015, S.N.Patole 2014, S.B.Mughal 2013) from same district. So for further study we also focused on some common plants from this area used medicinally.

## Material and method:

Present study were carried out from Buldana Distict. Especially from Shegaon and Khamgaon tehsil, these area are connected with Dhyanganga wild area. Due to this many people from this area used number of common plants as medicine for cure some disease like fever, cough, skin disease, ringworm etc. due to this, there is need to study of this area using survey method. We collected the some common plants and try to explore their medicinal uses.

## Area for study:

Buldana distict is a district in the Amaravati division of Maharashtra state in western India. It is situated at westernmost border of Vidarbha region of Maharashtra. The district boundary latitudes are 19.51° to 21.17° N and longitude are 75.57° to 76.59° E. it is bounded by Madhya Pradesh on north Akola, Washim and amaravati district on east. Jalana district on the south and Jalgaon and Aurangabad district. Tapi river, Godawari river and Purna also situated on this district. The survey are made during rainy season for collection of plants.

## Result and discussion:

Table no. 1 showing medicinal plants and there family and uses.

S. No	Plant name	common name (In Marathi)	family	uses
1	Acacia nilotica L.Wild	Babul	Fabaceae	Diarrhea, ulcer, leprosy, small pox, skin disease, burning sensation, toothache, toothbrush

S. No	Plant name	common name (In Marathi)	family	uses
2	Acacia catechu wild	Khair	Fabaceae	Skin infection, dysentery, blood clotting, antifungal, swelling in liver, asthma, cough
3	Argemone Mexicana. Lin	Dhotra, Daruri	Papaveraceae	Malarial fever, jaundice, skin problem, itching in eyes, ulcer
4	Azadiracta indica	Neem, Kadu nimb	Meliaceae	Antiseptic, astringent, purgative, leprosy, skin disease, tooth ache, fever.
5	Calotropis gigantea.L	Rui	Asclepiadaceae	Cold, cough, expectorant, asthma indigestion.
6	Clerodendron phlomisids	Airan	Verbenaceae	Digestive disorder, urinary disorder, diabetic, nervous disorder
7	Tephrosia villosa	Unhali	Fabiaceae	skin disease
8	Beutea monosperma	Palas	Fabiaceae	Aphrodisiac, piles, tumors, diarrhea, fractures of bones.
9	Abrus precatorius L	Gunj	Fabiaceae	Eye disease, vomiting, tonic, cut& swelling, skin disease.
10	Ficus racemosa L	Umabar	Moraceae	Diarrhea, liver disease, respiratory & urinary disorder, inflammatory condition
11	Hemidesmus indicus	Anata-mul, sughdhi pala	Apo-cynaceae	Stomach pain, root use in tea, skin disease, fever, cold & cough, digestion
12	Lantana camera L	Tantani	Verbenaceae	Wound, snake bite, joint pain, headaches, fever, dried leaves used in mosquito repellent.
13	Tectona grandis L	Sag	Verbenaceae	Kidney stones, swelling, skin itching, dysentery, anemia.
14	Vitex negundo	Bana, Nirgud	Verbenaceae	Body swelling, head ache, fever, toothache, wound, cough, asthma.
15	Terminalia arjuna Roxb.	Arjun, Kahuaa	Combretaceae	Bark used on heart trouble, stomachic
16	Datura metal L	Dhotra	Solanaceae	pains, skin disease, fever, asthma, wound
17	Osmium sanctum L	Tulsi	La-miaceae	Skin disease, insect bite, fever, cold and cough, asthma malaria.

S. No	Plant name	Common name (In Marathi)	family	uses
18	Emblica officinalis	Amla, Awda	Euphorbiaceae	Fever, laxative, bronchitis, anemia, antioxidant, diabetes
19	Mimosa pudica L	lajalu	Mimosaceae	Constipation, urinary purgative, complaints, mouth and throat inflammation, ulcer.
20	Limonia acidissima L	Kauth	Rutaceae	hepatitis, indigestion

### Result and discussion:

The results on the survey were presented in the enumeration of plants in the Table 1.

Enumeration follows the pattern of Botanical name, Local name, Family and ethnomedicinal uses. The present study has brought out to light, the traditional and indigenous knowledge on 20 ethno medicinal plants belonging to different families used by rural communities of Buldana District in Maharashtra for treating and controlling the diseases. All the collect common medicinal plant are used for to cure various disease like cold, cough, fever etc. it is concluded that their will be need to deep study on this area to explore their ethnomedicinal and phytochemical study.

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