# Study of Ethnomedicinal plants used for various disease by Baiga tribes in Balaghat district Madhya Pradesh.

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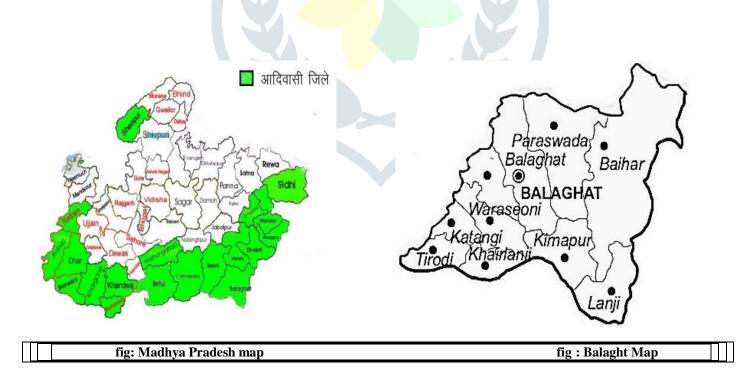
Abstract : The present study represented the utilization of medicinal plants for the treatment of various disease by Baiga Tribes of Balaghat forest, Madhya Pradesh, India. A field survey was conducted in Balaghat tribal area during different seasons. In this study, 17 Ethnomedicinal plant species belonging 17 families to cure various disease. *keyword : Ethnomedicinal plant , Baiga tribes , Disease , Balaghat District .* 

## INTRODUCTION

Balaghat district is situated in the southeast part of Madhya Pradesh. The local geographical area is 9229 km and it elongated from 21°19' to 22°24' north latitude and 79°31' to 81°3' east longitude. The soil is red-yellow and ferrous oxside present . The district enjoys a tropical monsoon. The forest is Tropical dry deciduous type. The district inhabitant by tribal's like Gond, Bhelia, Basod, and Baiga are predominant tribals. Baiga tribes are one of the oldest aboriginal tribes of Madhya Pradesh ., dwelling in the five districts i.e, Mandla, Bilashpur, Balaghat, Rajnandgaon and Sahdol. Baiga is called "Son Of Nature " as they have every solution in nature. They are known for their unique social, cultural and traditional aspects. The whole plants or its part was locally used by baiga people for the treatment of their disease and disorder. The household remedies practiced by the baiga community through trial and error method are not only accurate but also confirm to the ayurvedic system . Ethnomedicinal information collected from the native. The oral interview was held village and information recorded at the spot and indigenous.

## **RESEARCH METHODOLOGY**

The study was carried out in the district of Balaghat in Madhya Pradesh. The ethnomedicinal plant's data presented in this paper was conducted. Between 2017 and 2018 in Baiga villages of Balaghat district range viz Baihar, Songudda, parasatola, parashwada, Malajkhand etc. The survey report of some ethnomedicinal plants used by Baiga tribes in the Balaghat forest are documented and enumerated plants used for various disease viz Malaria, jadish, fever, headache etc.



## **Result and Discussion:**

Traditional medicine has worldwide acceptance and it is dependent on locally available plant species and plant based products and capitalizes on traditional wisdom repository of knowledge. The Baiga tribes of Balaghat district have developed vast knowledge of wild plants as observed by the auther during their field investigation from June 2017- July 2018 The present paper deals with 17 Ethnomedicinal plants used by baiga tribes in Balaghat district. The information reported about listed here. The ethnomedicinal plants have been arranged enumerated order.

S.N	Botanical Name and family	Common Name	Disease Name	Drug Prepration
1	Anrographis paniculata(Burm.f.)Nees (Acanthaceae)	Kalmegh	Malaria	whole plant decoction is given twice of the day.
2	Argemone maxicana Linn. (Papaveraceae)	pili katai	Muscular Pain	Root and Leaf decoction are applied to the skin
3	Azadirecta indica A.Juss. (Meliaceae)	Neem	Fever ,Chicken pox	Leaves decoction is given twice of the day.
4	Bauhinia Varigata (Caeselpiniaceae)	Kachnar	Diarrhea	Bark decoction are given in four time of the day.
5	Butea monosperma (Leguminosae)	Plash	Skin disease	Flower paste applied on skin.
6	Chlorophytum borivilianum (Asparagaceae)	Safed Musli	Sterility	Root are used.
7	Cynodon dactyon L. (Poaceae)	Doob	Diarrhea	Infusion of root are given in case of diarrhea.
8	Datura innoxia Mill. (Solanaceae)	Plia dhatura	Headache	Biols leaves and applied head skin.
9	<i>Eryngium foetidium Linn.</i> (Apiaceae)	Janglidhania	Snake bites	Whole plant is used for the treatment.
10	<i>Ipomoea carnea Jacq.</i> (Convolvulaceae)	Umarichata	Arthiritis	Latex is applied on affected areas.
11	Jatropha gossypifolia L. (Euphorbiaceae)	Safed Arandi	Headache	Leaves heated in fire are applied areas.
12	Phyllanthus niruri L. (Phyllanthaceae)	Bumi Amla	Malaria	Whole plants decoction are given orally twice of the day.
13	<i>Terminalia arjuna Roxb.</i> (Combretaceae)	Arjun	Heart problem	Bark is pounded in water and the extracts is given orally twice of the day.
14	<i>Tinospora cardifolia Thunb.</i> (Menispermaceae)	Gilloy	Malaria	whole plant is used for the treatment.
15	Vitex nrgundo Linn. (Verbenaceae)	Nirgudi	Rheumatism	Leaf hot fomentation is used.
16	<i>Woodfordia fruticosa (L.)</i> Kurz (Lytharaceae)	Dhawai	Arthritis	Leaf paste is massaged over affected.
17	Zizyphus mauritiana Lam. (Rhamnaceae)	Ber	Diarrhea	Stem bark decoction is given orally thrice a day.

#### Table 1 List of plant species used by Baiga tribes in Balaghat district.

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