

# Periodic Research

## Uses of Selected Medical Plants Among the Tribals of Pushprajgarh Tahsil, Distt. Anuppur (M.P.) India

### Abstract

These are many tribes which live in study area Kol, Pnika, Gond, Bhaina, humia, Khairwar, Binjhar, Korwa, Uraon and Baiga are prominent one. They used plants ethnobotanically. Some plants have the same use where as few variation are also seen. In this paper 24 plants are selected which are ethnomedicinally important and their use by the four tribes are given

**Keywords:** Medicinal Plants, Kol, Panika, Gond, Baiga, Tribals, Pushprajgarh tahsil.

### Introduction

Pushprajgarh tahsil is situated onlies between 23°6'0" North Latitude and 81°41'1" East Longitude. Anuppur district situated in the North eastern part of Madhya Pradesh. This district extended on 15<sup>th</sup> August 2003 by re-organising Shahdol district. The Pushprajgarh tahsil is one of the prominent among others which is full of tribal population. The Amarkantak is apart of Pushprajgarh Tahsil. The surface area of Pushprajgarh tahsil is divisible into plants, mountains and plateau. The middle part of the tahsil is plateau. This is called of plateau of Baghelkhand. Maikal range (Amarkantak) constitutes southern part of the tahsil.

The Pushprajgarh tahsil of Anuppur district is rich in forest and a good abode place for the tribals considering the topological features and the climatic variation which can be separated into tribal rich zones. There is a constant interplay between environmental and cultural factors in the life of tribals and their progress or development depend much on the determination of either one or two of these factors.

### Methodology

To gather information, some proper knowledgeable information, among tribals, elderly people, headman of the hamlets, medicine man, Gunia and Ojhas contacted.

For the collection of plants and the preparation of herbarium sheets, the method adopted which was recommended by Lawrence (1951) and Davis and Heywood (1963). The serial number were given according to the sequence of collection.

### Observation

Some plants have the same use where as few variation are also seen. In this paper 24 plants are selected which are ethno medicinally important and their use by the four tribes are given:

#### **Abrus precatorius L. (Fabaceae), LN. "Ghughuchi"**

Kol – In severe sickness, the leaves are grinded and mixed with powdered seed of pepper (Kalimirch) and given with a glass of milk.

Panika – The powdered root used with ginger used for cough, including whooping coughs.

Gond – The seeds are used internally for nervous system and its paste used for sciatica and paralysis.

Baiga – The leaf paste along with leaf paste of Terminalia indica applied for swelling, root powder used for the treatment of whooping cough.

#### **Achyranthes aspera L. (Amaranthaceae) LN. "Chitchita"**

Kol- Decoction of plant root along with bark decoction of terminalia bellirica Roxb., terminalia chebula Retz. and Ficus religiosa Linn. Mixed with milk of cow and heated to make curd. This curd is given in the time of 'Sharadpoornima' to cure asthma.

Panika – The roots and seeds are used to cure scorpion stings.

Gond – Roots and seeds are used for healing of wounds. Powdered seeds are used in the treatment of bleeding piles.

Baiga – Decoction of roots with other ingredients used for asthma. The seed powder is used for dysentery and vomiting.

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**AdhatodavasicaNees.,(Acanthaceae),LN. 'Arusa'**

honey to cure asthma, cold, cough and whooping cough.

Panika—The plant is used same as Kols.

Gond – The leaf decoction is taken to cure malarial fever.

Baiga – Various plants of the plant were used in various ways for treatment of cough and other type of bronchitis.

**Azadirachtaindicajuss. (Meliaceae), LN. 'Neem'**

Kol – The leaves are grinded into paste and applied over skin diseases.

Panika – The leaves are boiled in water and made a concentrated solution and given to cure fever.

Gond – The leaves and bark of the plant are powdered and mixed with water and applied over eczema & other skin diseases.

Baiga – Seed oil with water is used for the treatment of piles.

**Asparagus racemosus Willd.,(Liliaceae), LN. 'Satawari'**

Kol – The root are dried and powdered. The powder is taken with milk as a health tonic specially after child birth.

Panika – The roots are used as health tonic.

Gond – The powdered roots are mixed with sugar and taken as health tonic. Root decoction is also taken to increase lactation.

Baiga – Decoction of plant is used in Uraemia.

**Buteamonosperma (Lamk.) Taub.,(Fabaceae), LN. 'Palsa.'**

Kol – The juice of stem bark mixed with a glass of water and given to cure dysentery in summer season

Panika – The same used as the Koltribes .  
Gond – The root juice is used to cure night blindness.

Baiga – They are same used to bark as Panika&Kols.

**Calotropisrocera Br. (Asclepinadaceae), LN. 'Aak'**

Kols – The root extract is applied over scorpion sting.

Panika – The leaves boiled with 'matha' and used in rheumatic pain.

Gond- The young leaves of plant along with leaves of Datura metal are mixed with salt and boiled in water and is applied to cure rheumatism.

Baiga – The latex of plant is used for toothache.

**Cassia occidentalis L. (Cacsalpiniaceae), LN. 'Kasaudhi'**

Kol – The decoction of root bark of the plant is warmed slightly and is given in gargle to treat tonsil.

Panika – The stem bark is made paste with water and applied over skin to cure leprosy.

Gond – The seed powder is used to cure bile and as tonic.

Baiga—The leaf juice is used in snake bite.

**Cleome viscosa L. (Cleomaceae) LN. 'Hurhuria'**

Kol – The leaf juice is applied on head to cure headache.

Panika – Root juice is taken orally to cure eczema.

Gond – The decoction of leaves and seed are warmed with mustard oil and used to cure earache.

Baiga – Juice of tender leaf applied on head to cure headache. Root juice with other ingredients is used for the treatment of eczema.

**CascutareflexaRoxb. ,(Cuscutaceae),LN. 'Amarbel'**

Kol – The thinners are grinded to make paste and acts as antiseptic.

Panika – The plant decoction is used to cure skin diseases.

Gond – The vegetative part is used as purgative.

Baiga – Juice of thinners acts as antiseptic on wounds.

**Daturametal L. (Solanaceae), LN. 'Dhatura /Shankarbooti'**

Kol – Leaf surface rubbed with ghee and heated and applied on rheumatic pain.

Panika – Leaf juice is used to cure pains.

Gond – Leaf juice is used for skin diseases and as an antiseptic.

Baiga – leaf decoction used for joint complaints. Dry leaves used for smoking to treat asthma.

**EchinopsechinatuusRoxb. , (Asteraceae), LN. 'Udakter'**

Kol—Seeds of the plant are powdered and mixed with equal quantity of sugar and given to treat impotency.

Panika—It is believed that if the plant is taken out with roots, then a single root is said to be a male child and a pair of roots is said to be a female child.

Gond – The roots are used as abortifacant.

Baiga – Seeds powder is used for the treatment of impotency.

**EmblicaofficinalisGaertn (Euphorbiaceae), LM. 'Amla'**

Kol- The fruits are eaten to cure cough and cold and also helpful digestion.

Panika – The fruits are mixed with fruits of T. belliricaand T. Chebula to treat improper digestion.

Gond – Seeds are used to cure asthma and leucorrhea.

Baiga – The fruits are taken with honey or butter as brain tonic.

**EuforbiaMicrophyllaHeyne , (Euphorbiaceae). LN. 'Dudhiya'**

Kol – The plant decoction is given toincrease lactation and treatment of gonorrhoea.

Panika – same as Kol tribes.

Gond – The whole plant is mixed with sugar to make paste and given to cure spermatorrhea.

Baiga – Plant juice with milk is taken by women in morning for lactation point of view after just delivery.

**LeucasaspraSpr. (Lamiaceae), Ln. 'Gumi'**

Kol – The leaves are used as antiseptic , the flower paste is used in treatment of scorpion sting.

Panika – The flower are used in treatment of scorpion sting.

Gond – the plant decoction is taken through nostrils to cure headache.

Baiga – leaves are used as antiseptic.

#### **Qccimum Sanctum (Lamiaceae), LN. 'Tulsi'**

Kol – The leaf juice is mixed with rhizomes of Zinger officinal Rose and taken orally to increase vitality.

Panika – The leaf decoction mixed with candy and turmeric powder to cure cough and cold.

Gond – The leaf decoction mixed with black pepper to cure cough.

Baiga – The leaf decoction is used twice a day to cure cold, cough and other throat complaints

#### **MadhucaLatifoliaRoxb. (Saptoaceae), LN. 'Mahua'**

Kol – Seeds oil is used to treat cracks on heel. The flowers are dried and make paste with water. This paste is warmed and applied over body pain and rheumatic pain.

Panika – The decoction of leaves is used to cure pain of bones and joints.

Gond – The leaves are warmed in oil and applied on bone fracture and also used to prepare wine.

Baiga – The paste of dry flowers is applied on aching muscle to relief pain.

#### **SolanumsurrantenseBurm. F. , (Solanaceae), LN. 'Bhatkataiya'**

Kol –The plant paste is mixed with Mattha to treat rheumatic pain.

Panika –Powder of Flowers are mixed with honey to cure cough and cold.

Gond – The root is boiled in water and salt and given to cure bronchitis.

Baiga – Baiga tribes used its seeds to cure toothache.

#### **Tephrosiapurpuriapres.(Fabaceae),LN. 'Uplasari'**

Kol–The leaves are used to mixed with pepper and used to treat vomiting.

Panika – The leaves are used in treatment of vomiting.

Gond – the leaf decoction is used in skin disease also in dysentery and gastric troubles.

Baiga- Heated plant decoction with butter is used for joint pain.

#### **Terminaliachebula Retz. (Combretaceae), LN. 'Harra'**

Kol – The fruit is dried and given to cure cough and cold .The fruit of T. bellirica (Gaertn.)Roxb.andemblicaofficinalis(Gaertn) mixed with fruits of terminaliachebula Retz to cure digestive problem.

Panika – The fruits are dried and used to cure stomach disorder.

Gond – Same as Kol&Panika .

Baiga – The unripe Fruits are used for nocturnal emissions in man.

#### **Tinosporacordifolia L. Meer., (Menispermaceae), Ln. 'Grich'**

Kol – The plant decoction is used for bathing after fever and leaf decoction is used to cure fever.

Panika – The leaf decoction is used to cure cold and cough.

Gond – The stem decoction is used to cure diabetes and spleen disease.

Baiga – Stem used to cure fever. The decoction is given in chronic fever.

#### **Vernoniacineea L. Less., (Asteraceae), LN. 'Vanbathua'**

Kol –The leaves are mixed with leaves Azadirachtaindica A. juss. And common slat to cure skin disease.

Panika – The leaf paste is applied on wounds.

Gond – The leaves are chewed to cure toothache and pyorrhea.

Baiga – Seeds paste is apply externally to cure skin disease.

#### **Vitexnegundo L. (Vebenaceae), Ln. 'Megur'**

Kol – The leaf juice is given to cure malarial fever. The leaf juice is inhaled to cure fits hysteretic attack.

Panika – The leaf juice is given in fever.

Gond – Root is used to cure dysentery, flower paste is given to cure diarrhea.

Baiga – Leaf juice is used for hysteretic attack.

#### **Woodfordia floribunda Salisb. (Lythraceae), LN. 'Dhawai'**

Kol –The leaf ashes are mixed with mustered oil to cure throat problem in children.

Panika – Flower are given to cure Leucorrhoea.

Gond – The leaf juice and flower juice are given in Leucorrhoea.

Baiga – Leaf juice is applied externally on fore head to cure headache.

#### **Discussion**

The number of selected medicinal plants (24) of uses by the Kol, Panika, Gond and Baiga tribes in Pushrajgarhtahsil. It is a fact that the medicinal plants are useful to the ancient and presence time in world. Most of these plants contain valuable chemical substances which have the potential to be tribes in Pushprajgarh tahsil, Ayurvedic or Homoeopathic medicines.

#### **References**

1. Chopra, R.N. Chopra, I.C. and Nayar, S.L.(1956) Glossary of Indian medicinal plants, C.S.I.R. New Delhi (India).
2. Sahu, S.R. (1984), Less known uses of weeds as medicinal plants b, ancient Science of life Vol.III ,245-249.
3. Singh S.C. (1987), Ethnobotany of Manipur- medicinal plants, Fronter, Bot. 1: 123-152.
4. Tarafdar C.R. (1983), Ethno gynecology in relation to plants part – II , Plants used for abortion J. Econ. Tax. Bot. 4:507-516.
5. Verma, P, Singh K.K. and Khan A.A. (1995), Traditional Phototherapy among the Beige tribe of Shahdol district of Madhya Pradesh, India. Ethno botany. Vol. 7: pp.69-73.