

ROLE OF SOME MEDICINAL PLANTS RELATED TO HEALTH CARE AMONG THE TRIBALS IN THE REGION OF ANPARA, SONEBHADRA, U.P.

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ABSTRACT

An ethnobotanical study among the tribal communities of Anpara has been carried out during 2013-2014. In this study, ethnomedicinal use of 12 plant species have been reported the plant parts most commonly used in the treatment of various diseases are root, leaves, whole plant and bark. Mode of drug administration in different ailments are discussed.

KEYWORDS : Ethnobotany, Ethnomedicine, Gond, Baiga, Kharwar, Kol, Agaria, Anpara, Sonebhadra

Uses of plant based drugs and chemicals for curing various ailments and personal adornment is as old as human cultivation. Plants and plant based medicaments are the basis of many of the modern pharmaceutical were used for our various ailments (Abraham, 1985). The use of traditional medicine is widely accepted by tribal in Anpara.

The forest of the Sonebhadra predominated by tropical mixed deciduous type plants. It is famous for its religious importance, elegant environmental and spiritual peace (Sharma, 2003, and Prasad, 1994). Several tribal communities Gond, Baiga, Kharwar, Kol, Agaria etc. reside in Singrauli forest area and utilize a wide variety of plant for food, fodder, fuel, medicine, dye, gum, tannin, household etc. The old age tribal knowledge of plants is an important aspect of ethnobotanical research. The tribal facts are the store house of information and knowledge on the multiple uses of plants.

MATERIALS AND METHODS

An ethnobotanical survey were conducted by me during the period of November 2013 to July 2014 in the tribal areas of district Sonebhadra, Uttar Pradesh. An extensive data sheet was prepared regarding the utility of plants and food and medicine, their application, dose and duration. The distribution was obtained by tribal map of Uttar Pradesh, Tribal Welfare Office and Block Development office regarding their population and location. The ethnobotanical data were obtained from tribal people, Auri, Radhore, Lojhara, Vyahwa Jogendra Village Pradhan and many other experienced informants having knowledge of herbal drugs used by different tribal people. The plants were collected with the help of floristic literature

(Oomanchanl, 1996), and their herbarium was prepared as per standard protocol as described by Varghese, 1996) and Dwivedi, 1992).

The Collected plants thus pressed, mounted and properly numbered were identified with the help of local floras and other useful works viz. Hooker (1872-1897) Haines (1921-1924).

RESULTS AND DISCUSSION

The study revealed that the Sonebhadra is rich in ethnomedicinal diversity. The tribal people use locally available plant species for treatment of human as well as live stock ailments and diseases (Dwivedi, 1999, Jain, 1962 and Maheshwari, 1986). 12 plant species were reported, *Zizyphus mauritiana*, *Soymid fibrifuga*, *Elaceodendron glaucum*, *Syzygium cumuni*, *Cissus adnata*, *Solanum xanthocarpum*, *Solanum indicum*, *Taphrosia perpuria*, *Butea monosperma*, *Hardwickia binata*, *Calotropis procera*, *Nyctanthus arbortristis*,

Zizyphus mauritiana

Jhar bair

Part used -Root

Root used is applied in Dysentery. 50gm of root crush mixed in cup of water is taken twice a day for 3 days.

Cissus adnata

Amrola

Part used -Root

Root crush is used as blood Purifier, root crush 40gm, is mixed with a cup of water is taken twice a day for 4 days.

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Soyimida fbrifuga

Rohina

Part used-bark

Bark paste is applied in Body swelling disease. 2kg Bark boiled with water is taken 2 times a day for 5 days.

Elaeodendron glaucum

Mamar

Part of used-Leaf

Leaves are applied in skin diseases. Fresh leaves crush mixed with Madhuca indica oil is applied 3-4 times a day for 15-20 days.

Syzygium cumuni

Jamun

Part used-bark

Bark paste is applied in Diabetes. Bark 100gm, boiled in a cup of water is taken 1 time for 4 days.

Solenum xanthocarpum

Kateli

Part used-Root

Root used in cough and Asthma. Extract of root boiled with water is taken once a day for 4-5 days.

Solenum indicum

Bari katai

Part Used - Leaves and Root

Extract of root and leaves are used in cough and cold

Taphrosia purpuria

Part Used -Root

Root used of Red patches and White patches disease. 40gm of root is used 1 time a day for 4 days.

Butea monosparma

Palash

Part used-Root

Root used of Lecoria disease. 40gm 1 time in 5 days.

Hardwickia binata

Parsidh

Part used Bark

Used in swelling. Bark extract is given for 5 days.

Caltropis procera

Madar

Part used-Root

Root used as snake bite.

Nyctanthus arboristis

Bhaxi

Part used Leaves

Leaves Extract used in fever. 100ml leave extract is given twice for 5 days.

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