

STUDY OF SOME ETHNOMEDICINAL PLANTS USED TO CURE SOME GYNAECOLOGICAL DISORDERS FROM ANPARA-RENUKOOT REGION OF SONEBHADRA DISTRICT

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ABSTRACT

The present work relates to the ethnomedicinal study of 24 plant species belonging to 19 families as used by local peoples of Anpara-Renukoot region of Sonebhadra district. These plants are generally used to cure gynecological disorders by tribals of Anpara-Renukoot region. In this paper we will discuss about the plants with botanical name, family, local name and parts used to cure gynaecological disorders.

KEYWORDS : Ethnomedicinal plants, Menstruation, Leucorrhoea, Anpara-Renukoot

India is commonly called as the “Botanical Garden” of the world, owing to her wealth of herbal medicines. The health care obtained by utilizing the plants, its parts or plant compound has always been useful to mankind. The present work is based on the intensive study of medicinal plants of district Sonebhadra. It is situated in South East part of U.P., India. Sonebhadra has an area of 6788Km² and population of 1,46,3468 with the population density of 216 person/Km². This district is situated in the extreme South-East of the state and is bounded by Mirzapur district to the North west, Chandauli district to North, Kaimur and Rohtas district of Bihar to the north east, Garhwa district of Jharkhand state to the east. Koriya and Surguja district of Chattisgarh state to the south and Singrauli district of Madhya Pradesh to the west.

An attempt has been made to collect the traditional knowledge of plants used by local tribals and inhabitants of the area to cure gynecological disorders with special reference to Menstruation and Leucorrhoea. Yadav et.al.,(2006); Jain S.K and Mudgal V.,(1999); Jain S.K., (1995); Dwivedi S.N.(1999) has made outstanding contributions in the field of ethnobotany.

MATERIALS AND METHODS

The present work is totally based on survey of various areas of Anpara-Renukoot region of district Sonebhadra. From the list of plants obtained in the surveys, the plants of ethno-medicinal values were chosen and enumerated.

The ethno-botanical data were obtained by tribal people, Vaidyas, and by experienced informants about the knowledge of plants used to cure gynecological disorders. The plants were collected with the help of floristic literature (Oomanchanl and Srivastava,1996) and description according to (Varghese,1996) and (Dwivedi and Pandey,1992). The collected plants were identified with the help of literature of (Hooker,1872-1897); (Haines,1921-1924)

RESULTS AND DISCUSSION

In the present investigation, 24 plant species belonging to 19 families are used as herbal medicine for the treatment of female disorders. The plants that are used for cure of gynaecological disorders are listed in table 1 & 2.

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Table 1 : Enumeration of Plants Used to Cure Menstruation

S.No.	Botanical Name	Family	Local Name	Parts used	Mode of application
1.	<i>Adhatoda vasica</i>	Acanthaceae	Bansa	Leaves	Decoction of 5-7 leaves mixed with 1 gm seeds of <i>Dacus carota</i> and <i>raphinus sativus</i> is taken.
2.	<i>Achyranthus aspera</i>	Amaranthaceae	Chirchita	Root	Root powder is taken with cow's milk to relieve menstrual disorder
3.	<i>Bauhinia variegata</i>	Caesalpiniaceae	Kachnar	Bark	Stem bark decoction is given in menorrhagia
4.	<i>Chenopodium ambrosioides</i>	Chenopodiaceae	Khatua	Leaf	Leaf decoction given to treat painful menstrual flow
5.	<i>Cynodon dactylon</i>	Gramineae	Doob	Whole plant	Whole plant paste and bud of <i>Punica granatum</i> is taken with filtrate of boiled rice in scanty and irregular periods
6.	<i>Cassia fistula</i>	Caesalpiniaceae	Amaltas	Bark	Powder of stem bark mixed with black pepper is given for 7 days to treat menstrual disorder
7.	<i>Gossypium herbaceum</i>	Malvaceae	Bari	Root	Root decoction is given in amenorrhoea and dysmenorrhoea
8.	<i>Nyctanthes arborescens</i>	Nyctaginaceae	Harshingar	Leaves	4-5 tender leaves are taken with pepper.
9.	<i>Phyllanthus niruri</i>	Euphorbiaceae	Bhumi amla	Root	Root paste is taken with filtrate of boiled rice to regulate menstruation
10.	<i>Polyalthia longifolia</i>	Annonaceae	Ashok	Root ,bark	Root bark powder is given in menstrual disorder
11.	<i>Ricinus communis</i>	Euphorbiaceae	Arand	Leaves	Warm leaves are applied on hypogastrica
12.	<i>Sesamum indicum</i>	Pedaliaceae	Til	Seeds	Mixture of half grounded seeds, Gur and Ghee is taken with milk
13.	<i>Withania somnifera</i>	Solanaceae	Asgandh	Bark	Stem bark powder is taken with misri and water to regulate menstrual disorder

Table 2: Enumeration of Plants Used to Cure Leucorrhoea

S.No	Botanical Names	Family	Local name	Parts used	Mode of application
1.	<i>Abutilon indicum</i>	Malvaceae	Kanghi	Root	Root powder is taken for the treatment of leucorrhoea
2.	<i>Acacia arabica</i>	Mimosaceae	Kikar	Fruit, flower, leaves	Paste of 10gm gum and two leaves of Amaltas is taken with cow's milk
3.	<i>Asparagus racemosus</i>	Liliaceae	Phusar	Root	Root decoction is given in leucorrhoea
4.	<i>Boerhaavia diffusa</i>	Nyctaginaceae	Punarnaba	Whole plant	Decoction (15 ml) of plant is given once a day in the early morning continuously for 15 days to treat leucorrhoea
5.	<i>Butea monosperma</i>	Fabaceae	Palash	Bark, flower, gum	Powder of plant parts mixed with adequate water given early in the morning for 15 days to cure leucorrhoea
6.	<i>Dalbergia sisoo</i>	Papilionaceae	Shisham	Leaves	Tender leaves made paste are taken with misri and milk
7.	<i>Emblica officinalis</i>	Euphorbiaceae	Amla	Fruit	Fruit pulp mixed with Tribulus fruit powder is taken with honey
8.	<i>Lawsonia inermis</i>	Lythraceae	Mahendi	Root, bark	Root bark decoction is given for leucorrhoea
9.	<i>Mangifera indica</i>	Anacardiaceae	Aam	Stem, bark, leaves and flower	One tablet prepared by mixing stem bark, leaves and flowers in equal quantity is put into vagina daily for two weeks
10.	<i>Terminalia arjuna</i>	Combretaceae	Arjun	Stem	Stem bark powder is taken with water
11.	<i>Triumfetta rhomboidea</i>	Tiliaceae	Bhurat	Root	Root powder is used in leucorrhoea

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