

FOLK USES OF SOME PLANTS USED IN THE TREATMENT OF ANIMAL DISORDERS

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ABSTRACT

It is evident that many valuable herbal drugs have been discovered by knowing that particular plant was used by the ancient folk healers for the treatment of some kind of ailment. The detailed survey was carried out by the author to collect information on the medicinal herbs used by the rural and tribes of the region in curing animal disorder.

Key Words: Animal disorder, Folk use, Herbs

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INTRODUCTION

Medicinal plants have always been the principle sources of medicine in India. Since ancient past and presently they are becoming popular in curing various cattle diseases and disorders. To treat various cattle ailments most of the local population depends on native medicinal plants because of the risk of major side effects and cost of modern allopathic medicine. There has been a rapid extension of allopathic system of medical treatment in our country during the past century (Dwivedi *et. al.* 2007). It is evident that many valuable herbal drugs have been discovered by knowing that particular plant was used by the ancient folk healers for the treatment of some kind of ailment (Ekka & Dixit, 2007). These tribes

and rural people are largely dependent on the cattle's for the various purposes like agriculture, milk and so on. Therefore, due to the factor of cost, less availability of veterinary doctors and severe adverse effects of modern allopathic medicines, they are looking back to the nature in the search of curative properties of the natural resources. The present work was undertaken by us to gather the information about medicinal herbs being used by the tribes of the region in curing various animal disorders.

METHODOLOGY

The plants used in the treatment of various animal disorders were collected by the investigator from the different study sites of Madhya Pradesh during April-08 to Sep- 08. During the field trip personal interview was made between the author and informants of the region. Data regarding herbal remedies were collected as per plan suggested by Dwivedi (2003), Sinha (1998). The plants were identified by Prof. Dr. S. N. DWIVEDI, Dept. of Botany, Janata PG College, A.P.S. University, Rewa, M.P. and are deposited in our institute. Confirmation of the specimen was made with the help of floristic literature, Kurian (2003) and Khare (2004).

OBSERVATIONS

The herbs used by the rural in curing various animal disorder are listed in Table-1 and the following enumeration are given (Botanical Name, Local Name, Part used Name of Disease)

RESULTS AND CONCLUSIONS

The present work gives the salient features of the plants utilize by the rural people of the region in curing various animal disorder. In the present work authors has collected 16 species of veterinary importance that have therapeutic property and are used in cattle ailment, presented in Table-1. Hence, the present work focuses the therapeutic efficacy of the herbs used in various animal disorders.

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REFERENCES

1. Dwivedi, S.N. (2003). Ethnobotanical studies and conservation strategies of wild and natural resources of Rewa district of Madhya Pradesh. *J. Econ. Taxon. Bot.* **27(1)**: 233-244.
2. Dwivedi, Sumeet; Kaul, Shefali; Pandey, Deepak; Shrivastava, Satyaendra & Dwivedi, S.N. (2007). Status and conservation strategies of endangered and vulnerable medicinal plants. *Planta Indica* **3(2)**: 13-15.
3. Dwivedi, S.N.; Shrivastava, Satyaendra; Dwivedi, Sangeeta; Dwivedi, Abhishek; Dwivedi, Sumeet and Kaul, Shefali (2007). Relevance of medicinal herbs used intraditional system of medicine. *Farmavita. Net*
4. Ekka, R Neeli and Dixit, V. K. (2007). Ethno-pharmacognostical studies of medicinal plants of Jashpur district, Chattisgarh, *Int. Jour. Of Green Phar.* 1(1): 2-4.
5. Kurion, J.C. (2003). Plants that heals, 5th ed. Pune, Oriental watchman publishing house.

6. Khare, C.P. (2004). Encyclopedia of Indian Medicinal Plants, Springes-Verlag Berlin Heidelberg, New York
7. Sinha, R. K. (1998). Tools of investigation. In Ethnobotany: The Renaissance of Traditional Herbal Medicine. INA Shree publication, Jaipur, 194-202.

Table: 1 Medicinal Herbs having Ethnoveterinary importance

S/No.	Botanical Name/ Family	Local Name	Part used	Name of Diseases
1	<i>Azadirachta indica</i> Juss. (Meliaceae)	Neem	Leaf poultice, leaves	Cut and injury Intestinal worms in infants Skin diseases
2	<i>Bombax ceiba</i> DC (Bombaceae)	Semal	Stem bark	Flatulence and indigestion
3	<i>Calonyction muricatum</i> G. Don (Convolvulaceae)	Khotlaiya	Seed powder	Constipation
4	<i>Calotropis gigantea</i> (L.) R.Br.	Safed madar	Flower bud Burnt root	Diarrhoea & dysentery Shoulder wound caused by yoke
5	<i>Carum carvi</i> L. (Apiaceae)	Ajwain	Seed powder	Flatulence & indigestion
6	<i>Cissus quadrangularis</i> L. (Vitaceae)	Harjor	Fresh shoot	Bone fracture
7	<i>Cleome gynandra</i> L. (Cleomaceae)	Hulhul	Seed paste	Skin disease
8	<i>Coriander sativum</i> L. (Apiaceae)	Dhaniya	Leaf paste	Mastitis
9	<i>Datura communis</i> L. (Solanaceae)	Dhatura	Roasted unripe fruits	Diarrhoea & dysentery
10	<i>Lepidium sativum</i> L. (Brassicaceae)	Chansur	Seed poultice	Mastitis
11	<i>Nicotiana tabaccum</i> L. (Solanaceae)	Tambakhu	Leaf juice	Ectoparasite
12	<i>Sorghum vulgare</i> L. (Poaceae)	Jwar	Tender leaves	Intestinal worms

				in infants
13	<i>Terminalia chebula</i> Gaertn. (Combretaceae)	Harra	Seed powder	Cut & injury
14	<i>Vernonia anthelmintica</i> (L.) Willd (Asteraceae)	Kalajira	Seed decoction	Fever
15	<i>Vitex negundo</i> L. (Verbenaceae)	Nirgundi	Leaf poultice	Cut & injury
16	<i>Ziziphus nummularis</i> W. & A. (Rhamnaceae)	Jharber	Root decoction	Shoulder wound by yoke