

Traditional knowledge of plants of western Khandesh region of Maharashtra for snake bites

B.D. GARUD, S.S. YADAV AND R.P. BORALE

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Khandesh comprises three districts, viz., Dhule, Nandurbar and Jalgaon. Western khandesh has two districts, Dhule and Nandurbar, whereas Jalgaon is in the Eastern Khandesh. The flora of Satpura ranges of Western Khandesh are highly diversified and rich in number of medicinal plants. The tribal of Dhule and Nandurbar district, are Pawara, Konkani, Bhils, Vasave, Pardhis, etc. inhabits in northern hilly parts of the district. These people are poor and unable to afford the expenses of modern medical treatment. Therefore, they depend on the traditional medicines; moreover it is deep-rooted in their culture. They use different plants and plant parts against snake bite. The present paper deals with 17 medicinal plants used as an antidote in snake bites.

Traditionally, the tribals of Khandesh use various plants species for number of ailments. Their knowledge has passed through generations. But there is fear of vanishing these store house information due to the waves of modernization and globalization. A traditional medicine refers to the indigenous system of healthcare. The World Health Organization Recently (WHO, 1978) reported that 80% of worlds population depends upon traditional medicines, herbal remedies and medicinal plants. The authors tapped the first hand ethno-medicinal information from Bhagat, Buwas (witch doctors), Medicine men and tribal old ladies. Medicinal plants used for various ailments are reported throughout India (Lal and Lata, 1980) on fertility, Menon (1919) on Influenza, Biswas (1956) on Leucoderma, Hemadri (1981) on Phumantism, studies on medicinal plants of the area lacking expect a few sporadic references except of Karnik (1966), , Bhamare (1998, 2005) threw light on some ethno-botanically important species from this region. Rajput and Yadav (2000), Yadav and Patil (2001), Bagul and Yadav (2003, 2003), Bagul *et al.* (2006). The present paper deals with the information of 17 medicinally important plants used as an antidote for snake bite and it has been tabularized in Table 1. It includes

alphabetically arranged botanical names, local names, parts used and diseases.

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Correspondence to:

B.D. GARUD, Jaihind ET's Z.B. Patil College, DHULE (M.S.) INDIA

Authors' affiliations:

S.S. YADAV AND R.P. BORALE, Jaihind ET's Z.B. Patil College, DHULE (M.S.) INDIA

Table 1: Showing list of medicinal plants, their botanical names, local names, disease and parts used

Sr. No.	Botanical name	Local name	Disease name	Parts used
1.	<i>Acacia torta</i> (Roxb.) Craib	Chilar	Snake bite Tooth problem	bark
2.	<i>Alangium salvifolium</i> (L.f.) Wang	Ankol	Snake bite toothache	Stem Leaves
3.	<i>Azadirachta indica</i> A. Juss.	Kadunimb	Snake bite Skin disease Scabies Cold and Malaria Piles Injury Rheumatic pain	Leaves Bark Leaves Bark Seeds Bark Seeds
4.	<i>Calotropis gigantea</i> (L.) R.Br.	Ruchkin / Rui	Snake bite Jaundice Migraine	Leaves Floral Stalk
5.	<i>Commicarpus chinensis</i> (L.)	Dagadfodi	Snake bite Joint pains and leg swelling Poor lactation	Root Root Root Root
6.	<i>Corallocarpus epigaeus</i> (Rottl.) C. B. Cl.	Mirchyakand	Snake bite	Root
7.	<i>Cyclea peltata</i> (Lam.) Hk. f.	Phad / Kidamari	Snake bite Stomach pain Headache and fever	Root Root Root
8.	<i>Cyphostemma auriculatm</i> (Roxb.) Singh & Shetty	Tedip	Snake bite	Root
9.	<i>Madhuca latifolia</i> (Roxb.) Macbr.	Moha	Snake bite Scorpion bite Asthma	Fruit Fruit Fruit
10.	<i>Martynia annua</i> L.	Wagh Naki	Snake bite	Leaves
11.	<i>Morinda pubescens</i> J.E.Sm.	Aal	Snake bite Leucorrhoea Dysentery	Leaves Bark Fruit
12.	<i>Mukia madraspatans</i> (L.) Roem.	Gomath (Rankakdi)	Snake bite Leucorrhoea	Tubers Tubers
13.	<i>Oroxylum indicum</i> (L.) Vent.	Tatva	Snake bite	Bark
14.	<i>Radermachera xylocara</i> (Roxb.) K. Schum.	Kharsing	Snake bite	Bark
15.	<i>Rostellularia japonica</i> (Thunb.) Ellis.	Zunja	Snake bite Acute pain	Whole plant Root
16.	<i>Tinospora cordifolia</i> (Willd.) Miers ex. Hk. f. and Th.	Gulwel	Snake bite Jaundice Diabetetes	Whole plants Stem Stem
17.	<i>Ventilato denticulata</i> (Willd)	Asodvel	Snake bite	Root

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