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SOME MEDICINALLY MPORTANT PLANTS USED BY TRIBAL COMMUNITIES OF PALGHAR DISTRICT, MAHARASHTRA

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ABSTRACT

The tribal people use plants as medicine as per their ancestral knowledge coupled with experience. Present survey was undertaken from Wada, Jawhar, Mokhada, Vikramgad and Dahanu areas of Palghar district, where most of the tribal people are living. They use plants and plant products in their day-to-day life, and also for treating various diseases. Present survey includes information on 40 medicinally important plants from Palghar District.

Key Words : Medicinal plants, Palghar, Tribal community, Health

Introduction

India is rich in ethnobotanical knowledge, which is inherited from generation to generation among tribal people since ancient times. Palghar district (Maharashtra) is blessed with natural flora and fauna. Tribal communities residing in this area use these naturally growing and available plants for treating various diseases. The information of these plants is given in the form of botanical name, family, local name, parts used and medicinal uses.

Material and Methods

Wada, Jawhar, Mokhada, Vikramgad and Dahanu areas of Palghar district were selected for this survey wherein most of the tribal people are living. Main tribal communities

in Palghar district are Warli, Dubla, Dhodi, Mangela, Bari, Bhandari, Agri, Adivasi, Katkari, Koli, Malhar etc.

The survey on medicinal plants was undertaken July 2017 to June 2019. The information was collected through discussions and interviews with experienced persons and traditional healers, particularly the senior citizens. Plant specimens were simultaneously collected and identified (Cooke, 1958; Naik, 1998). The information of plants gathered during the survey was then tabulated in the form of botanical name, local name, family, plant part used and medicinal uses.

Results and Discussion

Table 1 gives information on medicinal plants acquired during the survey.

Table 1 : Medicinal plants from Palghar District (Maharashtra)

Sr. No	Botanical name	Common name	Family	Plant Part Used	Medicinal Uses
1	<i>Abelmoschus moschatus</i> Medik.	Jangali Bhendi	Malvaceae	Seeds	Antispasmodic, Gonorrhoea
2	<i>Acacia nilotica</i> (L.) Del	Babhul	Mimosaceae	Leaves Stem	Irritation, Inflammation. Cleaning teeth
3	<i>Achyranthus aspera</i> L.	Aaghada	Amaranthaceae	Entire plant	Indigestion, Cough, Asthma, Anemia, Jaundice, Snakebite, Earache
4	<i>Adhatoda zeylanica</i> Medik	Adulsa	Acanthaceae	Leaves	Expectorant, Asthma, Cough, Bronchitis, Anthelmintic, Insecticidal
5	<i>Alternanthera pungens</i> H.B. & K.	Chubuk Kata	Amaranthaceae	Entire plant	Antiviral, Antibacterial, Diuretic, Gonorrhoea
6	<i>Amaranthus caudatus</i> L.	Kante math	Amaranthaceae	Root Seed	Laxative, Tapeworms, Eye diseases, Amoebic dysentery, Diuretic
7	<i>Amorphophallus paeonifolius</i> (Dennst.)Nicolson	Suran	Araceae	Tuber	Carminative, Restorative, Stomachic, Tonic, Piles, Dysentery, Stimulant
8	<i>Amorphophallus commutatus</i> (Scott) Engl.	Mogari-Kand	Araceae	Tuber	Bacterial infections, Scabies
9	<i>Annona squamosa</i> L.	Sitaphal	Annonaceae	Root Bark	Tonic, Enriches blood, Muscular strength, Stimulant, Expectorant,
10	<i>Asparagus racemosus</i> Willd.	Shatavari	Liliaceae	Roots	Constipation, Anxiety, Uterine bleeding, Breast milk production
11	<i>Caesalpinia bonduc</i> (L.) Roxb.	Sagargota	Fabaceae	Leaves Fruits	Tonic, Fever, Intestinal worms, Tumors, Cough, Diabetes
12	<i>Carrisa carandas</i> L.	Karvand	Apocynaceae	Root Fruit	Wounds, Astringent, Fever, Thirst, Loss of appetite
13	<i>Cassia tora</i> L.	Taarwad Takla	Fabaceae	Leaves Seeds	Ringworm, Itching, Laxative, Fever, Snakebite
14	<i>Celosia argentea</i> L.	Kurdu	Amaranthaceae	Root Leaves	Uterine bleeding, Bloodystool, Tapeworm, Mouth sores, Diarrhea
15	<i>Canscora decussata</i> (Roxb.) Schult. & Schult.	Shankh-pushpi	Gentianaceae	Entire plant	Brain tonic, Nerve tonic, Hypnotic, Anti - epileptic
16	<i>Corchorus fascicularis</i> Lamk	Harankhuri Chonch	Tilaceae	Entire plant	Tonic, Skin diseases, Urinary disorders
17	<i>Cordia dichotoma</i> Forst. f.	Bhokar	Boraginaceae	Bark Fruits	Acidity, Joint pains, Cough, Wounds, Worms, Urinary disorders, Fever
18	<i>Cyperus scariosus</i> R.Br.	Nagar-motha	Cyperaceae	Rhizome Roots	Fever, Digestive system disorders, Nausea, Muscle relaxation
19	<i>Dactyloctenium aegyptium</i> (L.) P.	Nawi Ragi	Poaceae	Entire Plant	Accelerate Childbirth, Dysentery
20	<i>Desmodium triflorum</i> (L.) DC.	Chipti	Fabaceae	Entire Plant	Antipyretic, Antiseptic, Expectorant, Diarrhea, Dysentery, Wounds.
21	<i>Euphorbia hirta</i> L.	Dudhi	Euphorbiaceae	Entire Plant	Worms, Asthma, Cough, Gonorrhoea, Urinogenital complains, Nausea
22	<i>Euphorbia tithymaloides</i> L.	Nagdon	Euphorbiaceae	Root, Latex	Asthma,Abortifacient, Earache, Ringworm, Skincancer, Toothache
23	<i>Ficus racemosa</i> L.	Umbar	Moraceae	Entire plant	Menorrhagia, Dysentery (blood dysentery).

24	<i>Hibiscus sabdariffa</i> L.	Lal ambadi	Malvaceae	Flowers	Acidity, Cardiac problems, Tonic
25	<i>Hygrophila schulli</i> (Buch. Ham) M.R. & S.M. Almeida	Talimkhana Kolsunda	Acanthaceae	Seeds Leaves	Pain killer, Diuretic, Tonic, Skin diseases, Diarrhea
26	<i>Kalanchoe pinnata</i> (Lamk.) Pers.	Panphuti Hadmodi	Crassulaceae	Rhizome, Leaves	Cough, Asthma, Fever, Cold, Dysentery, Cardiac problems
27	<i>Leea asiatica</i> (L.) Ridsd.	Banchalita	Leeaceae	Root	Guinea worms, Snakebite, Hair conditioning
28	<i>Mimosa pudica</i> L.	Lajalu	Fabaceae	Roots, Leaves	Dysentery, Small pox, Fever, Jaundice, Asthma, Leukoderma,
29	<i>Momordica dioica</i> Roxb. ex Willd.	Kartoli	Cucurbitaceae	Fruit, Root	Bleeding piles, Urinary complaints. Fever.
30	<i>Mucuna pruriens</i> (L.) Dc	KhajKuri	Fabaceae	Fruit, Root	Nervous system, Stress, Energy, Endurance.
31	<i>Ocimum basilicum</i> var. <i>thyriflora</i> Benth.	Sabja	Lamiaceae	Leaves	Headache, Coughs, Diarrhea, Constipation, Warts, Worms
32	<i>Oroxylum indicum</i> (L.) Vent.	Tentu	Bignoniaceae	Seeds	Cold, Cough, Appetite, Diarrhea, Dysentery
33	<i>Phyllanthus amarus</i> Schumach. & Thonn.	Bhuiavala	Euphorbiaceae	Root	Diuretic, Bladder stones, Jaundice, Dysentery
34	<i>Plumbago zeylanica</i> L.	Chitrak	Plumbaginaceae	Entire plant	Piles, Skin diseases, Antimicrobial, Reproductive system disorders.
35	<i>Pongamia pinnata</i> (L.) Pierre	Karanj	Fabaceae	Entire plant	Nausea, Vomiting, Antiseptic
36	<i>Prosopis cineraria</i> (L.) Druce	Shami	Mimosaceae	Bark, Leaves	Anthelmintic, Tonic, Leprosy, Dysentery, Bronchitis, Asthma
37	<i>Sida cordifolia</i> L.	Bala	Malvaceae	Stem, Leaves	Bowel complaints, Fever, Healing wounds, Sexual excitement
38	<i>Tinospora cordifolia</i> (Willd) Miers. Ex Hook f. & Thoms.	Gulvel	Menispermaceae	Stem	Appetite, Fever, Restore Health, Sexual Excitement, Chronic Diarrhea
39	<i>Tridax procumbens</i> L.	Jakham- judi	Asteraceae	Leaves	Astringent, Wound, Vermicide, Kidney stones
40	<i>Woodfordia fruticosa</i> (L.) Kurz.	Dhayti	Lythraceae	Flowers, Leaves	Purgative, Bowel, Diarrhea, Snake bite, Acidity

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