

Published on: 1st Aug 2012



INDIGENOUS HERBAL REMEDIES AGAINST STOMACH DISORDER FROM JALGAON DISTRICT (M.S.) INDIA

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ABSTRACT:

The result of ethnobotanical forays in Jalgaon District. (M.S.) are communicated in this paper. The information is collected for 25 species belonging to 17 Angiospermic families from the aborigines like Bhil, Pawara, Vanjara, Tadvī etc. beside to rural populace of the said region. The different stomach disorder prevalent in the region are cured and controlled by formulations such as juice extract, powder, paste, oil, latex etc. The various plant parts are used for their preparation either as sole or in combination. Detail investigation on modern scientific line is necessary which might prove these plants to be lifesaving drug plant for cure and relief of stomach disorder.

KEY WORD: *Indigenous remedies, stomach disorder Jalgaon District.*

INTRODUCTION:

Organized study and research in Indian ethnobotany with emphasis on tribal system of medicine and culture are of recent origin. Initiated work in the middle of last century. E. K. Janaki Amal 1978, and S. K. Jain 1967-1991, popularized ethnobotany in India.

In late 60s S. K. Jain initiated ethnobotanical research on central Indian tribes. Some other important publication on the subject are those of Arora and Panday 1996, Pal 1973, Tarafdar 1983-1984 etc.

STUDY AREA:

Jalgaon District lies between, 20° and 21° North latitude 74° 55' and 76° 28' East longitude on the northern border of the state of Maharashtra. The Satpura mountain extends along Northern border, whereas the off-shoots of Western Ghats (Sahyadris) extend in the eastern direction. These harbor mainly dry deciduous forest and the aborigines, viz. Bhil, Pawara, Tadvī and Vanjara inhabit the area apart from rural populace.

METHODOLOGY:

The District was surveyed during 1997 to 2004 ethno botanically. The information was collected by interviewing elder tribal rural headman's medicine men and old women. Each claim was verified repeatedly. The plant collected has been housed in Herbarium of Pratap College, Amalner. They have been identified using various District and regional floras. Such as Patil (2003), Naik (1998), Cooke (1958). The data so accrued is compared with the classical literature by Ambasta (1986), Anonymous (1948 to 1976), Wath (1889 to 1895) and Jain (1991) to point out unknown uses asterisked in the enumeration.

RESUTLS AND DISCUSSIONS:

Enumerations :

1. **Ablemoschos manihot* (L.) Medivsspterraphillus (Roxb-ex Horemem) Borss(Malvaceae)
Ran Bhendi

Use- Spoonful of root powder is taken with honey daily for three days. After 10 to 15 minutes patient is advice to drink water to control stomach complaints.

2. **Abrus precatorius* L.(Papilionaceae) GarjCharmtad

Use-An half seed pounded in spoonful of honey is given to infant stomach disorder.

3. **Acacia nilotica* wild(ex-Del.subsp.indicaBrenan)Mimosaceae, Bhabul,

Use-stem bark powder is consumed once a day as remedy against stomach cure

4. **Argemone mexicana* (Papaveraceae) VilayatiDhotra

Use-Root are consider useful in stomach are two spoons of extract isadvised once a day till cure.

5. **Azadirachtea indica* A.just (Meliacae) kadu-neem

Use-Decoction of inner bank of stem about 20ml, is drunk as remedy against stomach completes.

6. **Cissampelos pareiral* var. *hirsute*(Menispermaceae)Harandodi

Use- Juice of leaves about half cup is given twice a day for gastric troubles.

7. **Caesalpinia bonduc* (L)Roxb (Papilinaceae) Sagarota

Use-About 50gm of pulp of young green vin 25gm of jiggery and pinch of lime powder mixed and small tablets are prepared. Asmall tablet twice a day is advised for stomach-ache for three days.

8. **Cassia fistula* L.(Caesalpinaceae) Bawa, BahavaRamdanda

Use- Fruit is rubbed in mothers milk, half spoon of it is administered to a kid orally for a day flatulence in colic.

9. *Calatropis gigantean* (L.) R.Br (Asclepiadaceae) Sated rui ,mhatrirui

Use- 1) Flowers and roots in equal amount on mixed in oil or ghee and consumed twice a day for intestinal disorders.

2) Infusion of seed about spoonful is given of morning for three days to treat stomach ache.

10. * *Capsium annum* L. (Solanaceae) Mirchi

Use- Half spoon of seed paste is consumed only once with jiggery to cure stomach ache

11. * *Citrullus colocynthis* (L.) Schrad (Cucurbitaceae) Kadu-indrayan, jangalitarbooj

Use- Seed powder is mixed in cow ghee and tablets are prepared from it two tablets twice per day cure stomach swelling and ache. These are advised till cure.

12. * *Cordia dichotoma* Forst .F. (Boraginaceae) Bhokar

Use- Fruits are eaten raw at morning and evening to cure stomach ache.

13. * *Corchorus trilocularis* L. (Tiliaceae) Chukanda

Use- Extract of two or three seeds is prepared in mother's milk & given orally to children for stomach ache.

14. *Crinum defixum* Ker. Gawl. (Amaryllidaceae) Pankanda

Use – Paste of roasted bulb about one spoonful per day is prescribed for flatulence till cure.

15. * *Desmodium gangeticum* (L.) Dc (Papilionaceae) Salparni

Use- Roots are boiled in milk a half cup of it is administered for seven days or even more for flatulence.

16. * *Euphorbia nerifolia* L. (Euphorbiaceae) Sabar

Use- Latex is homogenized in mother's milk Half spoon at night for three days is given to baby orally for stomach ache.

17. *Helicteres isora* L. (Sterculiaceae) Murad Sheng

Use- stem is pounded in water. A spoonful of it is administered to children for flatulence only once a day till cure.

18. * *Hygrophila schulli* (Buch-ham) M.R. & S.M. Almeida (Acanthaceae) Talimlhana

Use- Half cup of decoction of leaves is administered for stomach ache till cure.

19. *Ipomoea aquatic* Forsk. (Convolvulaceae) Naipal, Nai

Use- Infusion of leaves, about half cup is drunk twice daily to cure stomach disorder

20. * *Occimum gratissimum* L. (Lamiaceae) Jangalitulsi

Use- Decoction of leaves, about two spoonful is taken twice a day for a week for stomach-ache.

21. * *Rivea hypocrateriformis* (Desr) Choisy (Convolvaceae) Fangola

Use- 1) Paste of root is applied on belly to reduce inflammation of abdominal region.

2) Paste of leaves is applied on abdomen for stomach ache.

22. *Sterculia urens* Roxb. (Sterculiaceae) Kadhai

Use-Twenty gm of gum mixed in a cup of water and drunk at morning only for flatulence for three days.

23. * *Stylosanthes fruticosa* (Rete) Alst (Papilionaceae) Stylograss

Use-Decoction of leaves, about a cup, is taken twice a day for stomach completes till cure.

24. * *Tylophora dalzellii* Hook. f. (Asclepiadaceae) Motivel

Use-A spoonful leaf extract with mothers milk is given to kids for three day in case of abdominal swelling.

25. * *Santalum album* L. (Santalaceae) Chandan

Use-Half cup of decoction of wood is drunk with honey and boil rice water once a day regular to cure flatulence.

An attempt has been made to collect the information regarding traditional knowledge of herbal medicine which is used for stomach disorder. A total of species have been discussed in this paper. Out of these 20 species are less known or unknown in classical literature. Regional survey of field trip have revealed that many of these valuable plants are under threat and depletion very fast owing to rampant destruction of forest, shifting cultivation forest fire, over exploitation of plant resources in this region. So there is an urgent need to conservation and protection of biodiversity including wealth of medicinal plants from the region.

ACKNOWLEDGEMENT

Author is thanking full to principal Pratap collage, Amalner for providing necessary facilities and encouragement.

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