4. ENUMERATION

4.1 Systematic documentation of Traditional Knowledge on fungus infected ethnomedicinally important plants.

1. **Tribal Name** : Kunni

   **Botanical Name** : *Abrus precatorius* L.

   **Voucher specimen No.** : TBGT 57064

   **Family** : Fabaceae

   **Description**: Slender twining shrubs; leaves pinnate; leaflets 12-16 pairs; flowers pink, in axillary racemes; calyx 2-4 mm long; petals 9-12 mm long; stamens 9, monadelphous; ovary subsessile, many ovuled; fruits pods bearing many seeds.

   **Indication, method of preparation and mode of administration**

   a) Aphrodisiac - about 2 to 3g of root powder made into a paste with rice soup and administered orally early in the morning before meals for two months

   b) Inflammation - pounded leaves applied externally to the affected parts two times daily for one week

   c) Snake bite - Roots made into a paste and administered internally and externally on the bitten part.

   **Fungus species infected** : *Phyllachora abri* (Subhedar & Rao) Cannon
2. Tribal Name : Nilampunna

Botanical Name : *Acrotrema arnottianum* Wight

Voucher specimen No. : TBGT 57089

Family : Dilleniaceae

Description: Herb, found moist places under bushes; stem very short, densely hispid; leaves obovate obtuse, distantly toothed with many nerves; petiole 3-8 cm long; flowers-axillary raceme; pedicel-hispid; sepals 5, obovate; petals 5, obovate, yellow; stamens many, filaments; anthers obovate; carpels 3, jointed in the inner edges; ovules many; styles 3; fruit of 3 follicles; seeds many, triangular.

Indication, method of preparation and mode of administration

a) Hair tonic- medicated oil prepared from the expressed juice of the whole plant and coconut oil. Applied over the head prior to bath.

b) Kidney stone-leaf paste administered internally for 15 days

Fungus species infected : *Asterina acrotremae* Hosag. & Chandra. ex Hosag.

3. Tribal Name : Manchadi

Botanical Name : *Adenanthera pavonina* L.

Voucher specimen No. : TBGT 57079

Family : Fabaceae

Description: A deciduous tree; leaves bipinnate, alternate, stipulate; petioles up to 3 mm long; flowers bisexual, yellowish, scented; stamens 10, free,
filaments filiform, long and short; anthers oblong; fruit a pod, coiled after dehiscence; seeds 6-15.

**Indication, method of preparation and mode of administration**

a) Acidity - Leaves made into a paste with egg white prepared in the form of a paste and administered orally twice daily for three days

b) Inflammation - Leaves made into a paste with egg white and salt and applied over the affected part.

**Fungus species infected** : *Meliola adenanthericola* Hosag., Kamar. & Babu

4. **Tribal Name** : Chittadalodakam

**Botanical Name** : *Justicia beddomei* (Clarke) Bennet

**Voucher specimen No.** : TBGT 58966

**Family** : Acanthaceae

**Description** : Shrubs; leaves opposite, oblong-lanceolate; flowers small, in short heads; corolla-tube short; stamens 2; anthers 2-celled; ovary 2-celled; ovules 2 in each cell; style filiform; stigma entire; fruits capsule with a long solid base; seeds 1 or 2.

**Indication, method of preparation and mode of administration**

Throat infection - expressed juice of the leaves mixed with hot salt water and gargled 5 to 6 times daily for two days

**Fungus species infected** : *Asterina tertia* Racib.
5. Tribal Name : Adalodakam  
Botanical Name : Justicia adhatoda L.  
Voucher specimen No. : TBGT 58973  
Family : Acanthaceae  

Description : Perennial shrub; leaves opposite, lanceolate, margin entire; flowers large, white, axillary, pedunculate spikes with large bracts; fruits capsules; seeds globular.

Indication, method of preparation and mode of administration

Cough - expressed juice of the leaves mixed with honey and administered orally thrice daily for two days.

Fungus species infected : Asterina tertia Racib.

6. Tribal Name : Koovalam  
Botanical Name : Aegle marmelos (L.) Correa  
Voucher specimen No. : TBGT 58978  
Family : Rutaceae  

Description : Tree; leaves alternate, 3 to 5 foliolate; leaflets subsessile; inflorescences axillary and terminal, racemose or corymbose; pedicels 2-4 mm long; flowers bisexual, greenish white or yellow; petals 5, ovate-oblong; stamens numerous in 2 or 3 series; ovary 4-5 mm long, 10-loculed, ovules many; seeds oblong and flat.

Indication, method of preparation and mode of administration

a) Diabetes - two or three fresh tender leaves are prepared in the form of paste and administered orally once daily.
b) Burns – expressed juice of the leaves applied externally to the affected parts.

c) Poisonous bites - root and leaves prepared in the form of paste along with lime and applied externally to the affected parts.

**Fungus species infected** : *Oidium citri* (Yen) Braun.

*Sarcinella fumosa* Sahni

7. **Tribal Name** : Ankolam

**Botanical Name** : *Alangium salviifolium* (L.f.) Wang.

**Voucher specimen No.** : TBGT 57073

**Family** : Alangiaceae

**Description** : Small tree; leaves obovate-oblong; flowers white, fragrant, 2 cm long, in axillary fascicles; petals 7; stamens 14, filaments 8 mm long; anthers 7 mm long; ovary inferior; stigma capitate.

**Indication, method of preparation and mode of administration**

a) Scabies - dried root bark is powdered and prepared in the form of paste and administered orally as small balls of 5 to 7 g.

b) Diabetes - 2 to 3 fresh leaves are administered orally as such for three months

**Fungus species infected** : *Asterostomella alangii* Hosag. & Mohanan
8. **Tribal Name** : Mukkannan pezhu  
**Botanical Name** : *Allophylus serratus* (Roxb.) Kurz  
**Voucher specimen No.** : TBGT 58985  
**Family** : Sapindaceae  
**Description** : Straggling shrubs; branchlets lenticellate. Leaflets 18 x 9 cm, ovate, acuminate at apex, attenuate at base; petiolule 3-7 mm long; petiole 8-10 cm long. flowers 3-5; pedicel 3 mm long, jointed; sepals orbicular; petals 2 x 1 mm, spathulate; fruit drupe 4 mm across, puberulous.  
**Indication, method of preparation and mode of administration**  
Sprain, dislocation, bone fracture - pounded leaves mass prepared in the form of paste along with salt and gently massaged over the affected part.  
**Fungus species infected** : *Meliola allophylli-serrulati* Hosag & Abraham.  

9. **Tribal Name** : Ezhilampala  
**Botanical Name** : *Alstonia scholaris* (L.) R. Br.  
**Voucher specimen No.** : TBGT 57067  
**Family** : Apocynaceae  
**Description** : Large tree; leaves simple, whorled; flower bisexual, greenish-white; calyx lobes 5; corolla obovate to orbicular; stamens 5; anthers narrowly cordate; carpels 2, free; ovules many; style filiform; fruits green, 30-40 cm long; seeds 5-6 mm long.  
**Indication, method of preparation and mode of administration**  
a) Tooth ache - collect the latex from pounded leaves and pour on the teeth
b) Eczema - collect latex from pounded leaves and applied externally to the affected parts

c) Skin disease - leaves prepared in the form of medicated oil and applied externally to the affected parts.

**Fungus species infected** : *Meliola alstoniae* Koord.  
*Meliola peringammalaensis* Hosag. & Kamar.

10. **Tribal Name** : Parangimavu

**Botanical Name** : *Anacardium occidentale* L.

**Voucher specimen No.** : TBGT 58982

**Family** : Anacardiaceae

**Description** : A large tree; leaves simple, alternate, estipulate; petiole 7-15 mm, margin entire, glabrous; flowers yellow; calyx 5-partite; petals 5; stamens 8-10; ovary superior, ovule 1; fruit a reniform nut; seed reniform.

**Indication, method of preparation and mode of administration**

a) Bleeding with pus - stem bark is prepared in the form of decoction and 5 to 10 ml administered orally once daily for 7 days

b) Cracks in the palm - burned and collected oil from seed coat and applied externally to the affected parts

c) Constipation - expressed juice of the fresh leaves administered thrice a day

d) Jaundice - tender leaves are prepared in the form of paste and administered orally once daily for 7 days

**Fungus species infected** : *Meliola anacardii* Zim.
11. Tribal Name : Vathakodi
Botanical Name : *Justicia gendarussa* Burm. f.,
Voucher specimen No. : TBGT 58968
Family : Acanthaceae

Description : Shrubs; leaves linear or oblong-lanceolate, apex acute; petiole 2-3 mm long; spikes terminal; flowers white; calyx lobes linear-lanceolate; corolla white with purple streaks; ovary and style puberulus; capsule glabrous.

**Indication, method of preparation and mode of administration**
Rheumatism - hole plant is prepared in the form of paste and applied externally to the affected parts.

Fungus species infected : *Puccinia thwaitesii* Berk.

12. Tribal Name : Morada
Botanical Name : *Buchanania lanzan* Spreng.
Voucher specimen No. : TBGT 58990
Family : Anacardiaceae

Description : A tree species; leaves simple, alternate; petiole 12-22 mm; flowers bisexual, greenish-white; stamens 10, filaments free; carpels 5-6; ovule one; style lateral; fruit a drupe, oblong; seed one.

**Indication, method of preparation and mode of administration**
Back pain - leaves prepared in the form of paste and applied externally.

Fungus species infected : *Meliola ardigoosii* Hosag. & Abraham
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13. Tribal Name : Kattuthekku

Botanical Name : *Callicarpa tomentosa* Murray

Voucher specimen No. : TBGT 57065

Family : Verbenaceae

**Description** : Large shrub; leaves simple, opposite, estipulate; petiole 25-60 mm long, pinnate; flowers bisexual, pinkish-purple, in axillary corymbose cymes; calyx 2 mm long, lobes 5; corolla 4 mm long; stamens 4; anthers sagitate; ovary superior, pubescent, ovules 2 in each cell; fruit a drupe; seeds 3-4, oblong.

**Indication, method of preparation and mode of administration**

Mouth ulcer - leaves prepared in the form of medicated water and gargled

**Fungus species infected** : *Asteridiella formosensis* (Yamam.) Hansf.

14. Tribal Name : Pullani

Botanical Name : *Calycopteris floribunda* (Roxb.) Lam. Ex Poir.

Voucher specimen No. : TBGT 58972

Family : Combretaceae

**Description** : A scandent shrubs; leaves ovate to elliptic, pubescent on both side; petiole 1 cm long. flowers in dense axillary racemes; bracts leafy; calyx 4-5 mm long; lobes 5; petals absent. stamens10, 5+5 in two rows. ovary inferior, 3-4 mm long; ovules 3, pendulous; stigma simple. drupe 6-8 mm long; seed single.
**Indication, method of preparation and mode of administration**

a) Ulcer - leaves prepared in the form of paste and mixed with rice soup and administered internally

b) To get rid of thirst - Make a cut at the stem and the stem exudate is collected and administered internally

**Fungus species infected**

- *Amazonia henryi* Hosag.
- *Asterina combreti* Sydow
- *Asteridiella combreti* (Stev.) Hansf.

15. Tribal Name : Karuthakunthirikkam

Botanical Name : *Canarium strictum* Roxb.

Voucher specimen No. : TBGT 57078

Family : Burseraceae

**Description** : Tree growing up to 30 m height; leaves alternate, rachis long, leaflets 7-11, opposite; petiole 3-10 mm long, ovate-lanceolate; flowers polygamous, bright yellow in large axillary panicles; male flowers-pedicels short; petals 3; stamens 6; bisexual flowers- pedicles elongate; petals 3, white, 1 cm long, oblong; anthers subequal; ovary superior; stigma capitate, 2-3 lobed. Fruit a drupe; seeds 1-3.

**Indication, method of preparation and mode of administration**

Prepared a decoction of the resin. 1 to 2 gm administered internally for 30 days

**Indication** : Epilepsy

**Fungus species infected** : *Phyllachora sikkimensis* Ramkr., T.S.
16. Tribal Name : Pezhu

Botanical Name : Careya arborea Roxb.

Voucher specimen No. : TBGT 57075

Family : Lecythidaceae

Description : Tree about 10 to 12 m high; leaves simple, alternate; petiole 10 mm long, pubescent; flowers bisexual, greenish-white; fruit a berry, globose, green, pericarp fibrous, crowned with sepals and style.

Indication, method of preparation and mode of administration

a) Stomach ache - Stem bark is prepared in the form of expressed juice and 10 ml administered orally thrice daily for two days

b) Tooth ache - Medicated water prepared by boiling stem bark in water and gargled the same for five times daily for two days

Fungus species infected : Meliola indica Sydow. var. careyae Stev.

17. Tribal Name : Kanikkonna

Botanical Name : Cassia fistula L.

Voucher specimen No. : TBGT 57066

Family : Fabaceae

Description : A tree species; leaves paripinnate, alternate; rachis slender, pulvinate, glabrous; leaflets opposite; flowers bisexual, yellow, in axillary drooping racemes; pedicels 3-7 cm; calyx tube short, ovate; petals obovate, subequal; stamens 10, all fertile; ovary half inferior; ovules many; fruit a pod, cylindrical, black; seeds 25-100, pale brown, immersed in pulp.
Indication, method of preparation and mode of administration

Stem bark is prepared in the form of paste and 5 to 10 gm mixed with coconut milk and administered orally twice daily for 7 days

**Indication**: Jaundice

**Fungus species infected**: *Meliola aethiops* Sacc. *Asterina cassiae* Hosag. & Archana

18. **Tribal Name**: Mudathe

**Botanical Name**: *Rotheca serrata* (L.) Steane & Mabb.

**Voucher specimen No.**: TBGT 58976

**Family**: Verbenaceae

**Description**: Shrub; leaves broadly elliptic-ovate or obovate, base attenuate to acute; inflorescence elongate, terminal cymose panicles, pubescent; bracts ternate; calyx cup-shaped; corolla bluish; tube; stamens 4; filaments; ovary globose; fruits drupe; seed globose.

Indication, method of preparation and mode of administration

Rheumatism - root prepared in the form of medicated oil and applied externally

**Fungus species infected**: *Meliola cookeana* Speg. var. *viticis* Hansf.

19. **Tribal Name**: Peruvalam

**Botanical Name**: *Clerodendrum infortunatum* L.

**Voucher specimen No.**: TBGT 57077

**Family**: Verbenaceae
**Description**: Shrub; bark grey; leaves ovate or orbicular, margin entire, apex acuminate; calyx cupular, acuminate at apex; corolla white, tubular; stamen filaments slender, purplish, anthers oblong; ovary globose; style slender; drupe 6-8 mm; seeds 2-4.

**Indication, method of preparation and mode of administration**

a) Wound - leaves prepared in the form of paste and applied externally for seven days

b) Snake bite - root powder prepared in the form of paste and applied externally to the affected parts.

**Fungus species infected**: *Asteridiella clerodendricola* Hosag.  
*Meliola clerodendricola* Henn.

20. **Tribal Name**: Padathali, Padakizhangu, Pillathali

**Botanical Name**: *Cyclea peltata* (Lam.) Hook. f. & Thoms.

**Voucher specimen No.**: TBGT 58965

**Family**: Menispermaceae

**Description**: Climber; leaves ovate, apex acute or acuminate, base cordate; flowers sessile, densely hairy; male flowers - sepals hairy outside, petals glabrous; female flowers - smaller, sepal-1, petal-1, ovary-1; fruit drupe.

**Indication, method of preparation and mode of administration**

a) Bleeding through excreta - tuber is prepared in the form of paste and 5gm mixed with rice soup and administered orally twice for three days

b) Dandruff - leaves prepared in the form of paste and applied externally over the head
c) Ulcer - leaves prepared in the form of expressed juice and mixed with rice soup and administered orally thrice daily for 10 to 15 days

**Fungus species infected** : *Meliola cycleae* Hosag.  
*Meliola subramanyaensis* Hosag.

21. **Tribal Name** : Thiravapullu, Inchipullu

**Botanical Name** : *Cymbopogon flexuosus* (Nees ex Steud.) W. Watson

**Voucher specimen No.** : TBGT 57068

**Family** : Poaceae

**Description** : Herbaceous perennial; culm stufed; nodes glabrous. leaves linear, rounded at base; ligule ovate, membranous; inflorescence a large complex greyish panicle; florets bisexual

**Indication, method of preparation and mode of administration**

Body pain – leaves boiled and prepared in the form of medicated water and for medicated bath.

**Fungus species infected** : *Phyllachora* sp.

22. **Tribal Name** : Valiya orila

**Botanical Name** : *Desmodium velutinum* (Willd.) DC.

**Voucher specimen No.** : TBGT 58974

**Family** : Fabaceae

**Description** : Shrubs; leaves broadly ovate, acute or obtuse at apex, rounded at base; stipules 3 mm long, cordate at base; flowers 4 mm, pink; calyx 1.5 mm long, lobes ovate, acute, hairy; pods 2 cm long.
Indication, method of preparation and mode of administration

Galactagogue - leaves prepared in the form of paste and administered orally once during the night for 15 days

**Fungus species infected**: *Meliola bicornis* Wint.

23. **Tribal Name**: Pattipunna, Malampunna

**Botanical Name**: *Dillenia pentagyna* Roxb.

**Voucher specimen No.**: TBGT 57086

**Family**: Dilleniaceae

**Description**: Deciduous trees; leaves simple, alternate; flowers bisexual, yellow, fragrant; pedicels 3-6 cm long; sepals 5, obovate or elliptic, glabrous; petals 5, obovate, obtuse, bright yellow; stamens numerous, yellow in 2 series; carpels 5-10, cohering at the axis, arranged on the narrow conical receptacle; ovules many; Styles free; fruit aggregate of berries, drooping; seeds numerous, ovoid, black.

Indication, method of preparation and mode of administration

Fever - flowers prepared in the form of decoction and one or two spoons administered orally 4 to 5 times daily for two days

**Fungus species infected**: *Asterostomella dilleniacearum* Hosag. *et al.*

24. **Tribal Name**: Panachi

**Botanical Name**: *Diospyros peregrina* (Gaertn.) Gurke

**Voucher specimen No.**: TBGT 58987

**Family**: Ebenaceae
Description: Tree; leaves simple, alternate, estipulate; flowers unisexual, pale yellow; male flowers- 2-7 in axillary, drooping cymes; calyx broadly ovate, pubescent; corolla campanulate; stamens usually 40, inserted at the base of the corolla tube; female flowers - usually solitary, axillary, drooping; pedicels very short; calyx deeply divided; corolla campanulate; staminodes 4-12, hairy, inserted at the base of corolla tube; ovary superior; fruit a berry, yellow; seeds 4-8.

Indication, method of preparation and mode of administration

Back pain during pregnancy - root bark is prepared in the form of paste and applied externally to the affected parts.

Fungus species infected : Meliola diospyri Sydow

25. Tribal Name : Edarmani

Botanical Name : Elaeocarpus tuberculatus Roxb.

Voucher specimen No. : TBGT 57069

Family : Elaeocarpaceae

Description : Tree; leaves simple, alternate, clustered at the tip of branchlets; flowers bisexual, white, in axillary racemes; pedicel deflexed; sepals 5, lanceolate, valvate; petals 5, white, fimbriate; anthers thinly tomentose; ovary superior; fruit a drupe.

Indication, method of preparation and mode of administration

Piles - bark prepared in the form of paste, 5 to 10gm dissolved in water and administered orally twice a day for 10 to 15 days
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**Fungus species infected**: *Aecidium elaeocarpi-tuberculati* Hosag. *Asterina elaeocarpi* Sydow var. *ovalis* Kar & Maity

26. **Tribal Name**: Mulappal kodi

**Botanical Name**: *Euphorbia hirta* L.

**Voucher specimen No.**: TBGT 59000

**Family**: Euphorbiaceae

**Description**: Slender, erect, pubescent herb; leaves decussate; male flowers 4-6, ebracteolate. Female florets laterally pendulous; styles bifid from base. Capsule 1.5-2 mm across, pubescent. Seeds minute, red.

**Indication, method of preparation and mode of administration**

Cracks on legs, nails - latex collected from the pounded mass of leaves and applied externally to the affected parts.

**Indication**

**Fungus species infected**: *Spaerotheca euphorbiae-hirtae* Braun & Somani

27. **Tribal Name**: Erumanakku

**Botanical Name**: *Ficus hispida* L. f.

**Voucher specimen No.**: TBGT 57082

**Family**: Moraceae

**Description**: Small trees; leaves simple, opposite; petiole stout, hispid, with a subnodal gland; flowers unisexual; inflorescence a syconia; male flowers and gall flowers in same receptacle; male flowers ostiolar, in 2 rings; tepals
3 broad; stamen 1; female flowers sessile or stalked; perianth short; ovary depressed-globose, superior, red-brown; style hairy; stigma clavate.

**Indication, method of preparation and mode of administration**

a) Lactagogue - pounded mass of the stem bark is mixed with cow’s milk and administered orally twice daily for lactating mother

b) Chest pain - expressed juice of the stem bark administered orally twice daily

**Fungus species infected**: *Phyllachora* sp.

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**28. Tribal Name**: Arayal

**Botanical Name**: *Ficus religiosa* L.

**Voucher specimen No.**: TBGT 57076

**Family**: Moraceae

**Description**: Deciduous trees; leaves simple, alternate; flowers unisexual; inflorescence a syconium; flowers of 4 kinds; male flowers ostiolar, sessile, in one ring; tepals 2, ovate-lanceolate, free, reddish; stamen 1; anther oblong; female flowers sessile; tepals 3-4, linear-lanceolate, free, brownish, glabrous; ovary superior, red-brown; style 1.5 mm, lateral, stigma rounded; gall flowers similar to female.

**Indication, method of preparation and mode of administration**

Seeds dried and powdered and mix with honey and administered orally twice or three times daily for two days

**Indication**: Constipation

**Fungus species infected**: *Sphaerodothis raoi* Pande
29. **Tribal Name**: Panchi, Panal

**Botanical Name**: *Glycosmis pentaphylla* (Retz.) DC.

**Voucher specimen No.**: TBGT 57092

**Family**: Rutaceae

**Description**: Small erect shrubs; leaves 3-7-foliolate; leaflets subopposite; flowers in terminal or axillary, spiciform panicles; petals white, obovate, surface gland-dotted; stamens 8-10, longer and shorter filaments; disc prominent, annular; ovary ovoid, 5-celled; fruit berry ovoid, 1-2-seeded.

**Indication, method of preparation and mode of administration**

a) Tender leaves prepared in the form of decoction and administered orally, 3 to 5 ml thrice daily for three days.

b) Leaves prepared in the form of paste and applied externally to the affected part.

**Indication**

a) Fever

b) Joint pain and inflammation

**Fungus species infected**: *Meliola cadigensis* Yates var. *glycosmidis* (Kapoor) Hosag.

30. **Tribal Name**: Kumbil

**Botanical Name**: *Gmelina arborea* Roxb.

**Voucher specimen No.**: TBGT 58983

**Family**: Verbenaceae
Description: A deciduous tree; leaves simple, opposite; petiole slender, tomentose; flowers bisexual, yellow with orange-pink shade in terminal panicles; calyx campanulate, 5 toothed; corolla bilabiate; stamens 4, didynamous, anthers 2 mm, divaricate; ovary superior, syncarpous, glabrous; ovules 4; style slender, glabrous, unequally bifid; fruit a drupe; seeds elliptic.

Indication, method of preparation and mode of administration

a) Chest pain - root bark is prepared in the form of paste and applied over the chest

b) Memory enhancer- leaves prepared in the form of decoction and 2 to 3 ml administered orally regularly

c) Improves digestion - expressed fruit juice and administered orally


31. Tribal Name: Odal valli

Botanical Name: *Gnetum edule* (Willd.) Blume

Voucher specimen No.: TBGT 57080

Family: Gnetaceae

Description: Woody lianas; leaves opposite, elliptic-ovate or oblong, base rounded or acute; panicles axillary arising from mature wood; bracts cupular; male strobilus-stamens 1, exserted; female strobilus 7 cm long; ovary globose; fruit ellipsoid, yellow.
Indication, method of preparation and mode of administration

a) Stomach ache - make a cut at the stem and stem exudate is collected and administered orally twice daily for one week

b) Snake and other poisonous bites - root bark dried, powdered, prepared in the form of paste and applied externally

Fungus species infected : *Meliola gneti* Hansf.

32. Tribal Name : Chadachi

Botanical Name : *Grewia tiliifolia* Vahl.

Voucher specimen No. : TBGT 58977

Family : Tiliaceae

Description : Large tree; bark dark brown or greyish-brown; leaves simple, alternate; flowers bisexual, yellow, in axillary umbels; sepals 5, pubescent; petals 5, yellow; stamens many, free, inserted on a glandular torus; ovary superior, globose, hirsute. ovules many; style subulate; stigma obscurely lobed; fruit a drupe.

Indication, method of preparation and mode of administration

a) Cough - leaves gently heated and prepared in the form of expressed juice and administered orally

b) Skin diseases in children - medicated oil is prepared from the stem bark

Fungus species infected : *Irenopsis coimbatorica* Hosag.
33. **Tribal Name** : Chakkarakolli

**Botanical Name** : *Gymnema sylvestre* (Retz.) R. Br. ex Schult.

**Voucher specimen No.** : TBGT 57094

**Family** : Asclepiadaceae

**Description** : Climber; leaves elliptic to ovate or obovate; flowers in umbellate cymes; peduncle hispid; pedicels slender; sepals ovate; corolla campanulate, yellow; gynostegium cylindrical; seeds much compressed.

**Indication, method of preparation and mode of administration**

Diabetes - Three to five fresh leaves are prepared in the form of paste administered once, daily in the morning, for two to three months

**Fungus species infected** : *Aecidium* sp.

34. **Tribal Name** : Kaippiri, Narumaram, Idampiri-valampiri

**Botanical Name** : *Helicteres isora* L.

**Voucher specimen No.** : TBGT 58967

**Family** : Sterculiaceae

**Description** : Large shrubs; leaves obovate to suborbicular; flowers axillary, solitary or in few-flowered cymes; bracts linear; calyx slightly yellow, persistent, tubular, splitting in to 5 irregular lobes; petals 5, unequal, obovate, clawed, crimson, fading to pale blue; stamens 10; staminodes 5; ovary 5-lobed, 5-celled; ovules many; style 5; seeds angular, black, wrinkled.
Indication, method of preparation and mode of administration

a) Mannan - leaves prepared in the form of paste and 3 to 5 gm administered orally twice daily for one week

b) Wound - leaves mixed with lime and prepared in the form of paste and applied externally

Fungus species infected: 
- *Irenopsis helicteridis* Hosag.
- *Asterina leptalea* Sydow
- *Irenopsis coimbatorica* Hosag.
- *Asterostomella helicteridis* Hosag. et al.

35. Tribal Name: Naruneendi

Botanical Name: *Hemidesmus indicus* (L.) R. Br.

Voucher specimen No.: TBGT 58997

Family: Periplocaceae

Description: Slender twining under shrubs; leaves very variable, opposite or in whorls, flowers few, subsessile, in short, axillary cymes. calyx ovate, ciliolate along the margins. corolla yellow, stamens 5, anthers jointed at apex; carpels 2, apocarpous; ovules many; Styles 2.

Indication, method of preparation and mode of administration

a) Menstrual bleeding - tuber washed, dried, powdered and mixed with coconut milk and administered orally during night after meals.

b) Cough - outer skin is peeled off from the root, then the inner part is crushed and mixed with honey and administered orally thrice a day for four days
c) Leucorrhoea - tuber prepared in the form of a paste and about 5 gm mixed with cow’s milk and administered orally night after food

d) Ulcer - 10 gm of tuber is boiled with ½ glass of cow’s milk and three to four spoons administered orally during night

**Fungus species infected**: *Meliola hemidesmicola* Hosag.  
*Oidium hemidesmi* Singh & Kamal

36. **Tribal Name**: Naranampuli  
**Botanical Name**: *Hibiscus hispidissimus* Griff.  
**Voucher specimen No.**: TBGT 58979  
**Family**: Malvaceae

**Description**: Climbing shrub; leaves entire to angled or lobed, cordate or truncate at the base, flowers axillary, solitary; calyx tube pubescent; corolla yellow; petals 5, obovate; staminal column antheriferous throughout; anthers purplish; ovary 5-celled, densely appressed hairy; stigma 5, capitate, capsule ovoid or conical, bristly hairy; seeds dark brown.

**Indication, method of preparation and mode of administration**

Improves digestion - decoction of the leaves administered orally thrice for one day

**Fungus species infected**: *Irenopsis molleriana* (Wint.) Stev.

37. **Tribal Name**: Kambakam, Thambakam  
**Botanical Name**: *Hopea parviflora* Bedd.  
**Voucher specimen No.**: TBGT 57091  
**Family**: Dipterocarpaceae
Description: Large tree; leaves simple, alternate; petiole slender, pubescent when young, glabrous when mature; flowers bisexual, 3-4 mm across, creamy yellow, in unilateral terminal and upper axillary, tomentose racemose panicles; sepals 5, tomentose outside; petals 5, oblong, glabrous, fimbriate at apex; stamens 5, rarely 10, slightly connate; ovary superior, glabrous, ovules 2 in each cell; style short, subulate; fruit a nut.

Indication, method of preparation and mode of administration

Skin diseases - stem bark is prepared in the form of paste and applied externally

Fungus species infected: Asterina hopiicola Hosag. & Abraham

38. Tribal Name: Palakan

Botanical Name: Humboldtia unijuga Bedd.

Voucher specimen No.: TBGT 58984

Family: Fabaceae

Description: Tree; leaves bifoliate, alternate; stipule lateral; flowers bisexual, crimson, in axillary as well as cauliflorus racemes; peduncle pubescent; pedicel finely brown pubescent; bracts ciliate, pubescent; bracteoles 2, ovate, rounded at apex; calyx tube obconical lined by the disc; petals 5, obovate, crimson, narrowed at base; stamens 5, free, filiform; anthers versatile; ovary half inferior, stipitate, obliquely oblong, densely brown pubescent; style 8-10 mm long, filiform, glabrous; stigma capitate; fruit a pod, compressed, oblong, deep red, veined; seeds 2-3.
**Indication, method of preparation and mode of administration**

a) Fever - stem bark prepared in the form of paste and about 10 gm of the paste administered orally twice daily for 4 days

b) Constipation - galls on the root prepared in the form of a paste and administered orally thrice daily for two days

**Fungus species infected** : *Lembosia humboldtiicola* Hosag. *et al.*

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39. **Tribal Name** : Narakada

**Botanical Name** : *Hyptis suaveolens* (L.) Poit.

**Voucher specimen No.** : TBGT 57098

**Family** : Lamiaceae

**Description** : Shrubs; leaves ovate, acute, hispid below, glabrate above; flowers in clusters of 1-12; calyx tube 8 mm long, tubular, 10-ribbed, glandular hairy, teeth spinulose; corolla 5 mm long, lobes short, glabrous inside, pubescent, deep brown.

**Indication, method of preparation and mode of administration**

Wound - leaves prepared in the form of paste and applied externally

**Fungus species infected** : *Meliola hyptidis* Sydow

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40. **Tribal Name** : Palvalli

**Botanical Name** : *Ichnocarpus frutescens* (L.) W. T. Aiton.

**Voucher specimen No.** : TBGT 58970

**Family** : Apocynaceae
**Description**: Climber; leaves ovate, apex obtusely acute, base rounded; petiole up to 5 mm long. Flowers in terminal or axillary panicled cymes; pedicels 3 mm long; calyx lobes ovate, acute, pubescent; corolla white, salver shaped, contracted at mouth; stamens included; anthers deeply sagitate at base, apiculate at apex; carpels free; seeds many, compressed, crowned with long silky coma.

**Indication, method of preparation and mode of administration**

Two or three tender leaves are administered orally as such

**Indication**: Diabetes

**Fungus species infected**: *Meliola ichernarpi-volubili* Hansf. *Meliola frutescentis* Hosag., Abraham & Crane

**41. Tribal Name**: Thetti

**Botanical Name**: *Ixora coccinea* L.

**Voucher specimen No.**: TBGT 57088

**Family**: Rubiaceae

**Description**: Bushy shrubs; leaves opposite, elliptic to oblong, shortly acute at apex, sessile; corymbs 5-8 cm across; calyx tubular; corolla scarlet; stamens attached at throat; anthers 0.3 cm long; ovary 0.1-0.2 cm across; fruits berry; seeds 2, globose.

**Indication, method of preparation and mode of administration**

Wound - flower prepared in the form of medicated oil with coconut oil and applied externally

**Fungus species infected**: *Meliola randicola* Hansf.
### 42. Tribal Name

**Venthekku**

**Botanical Name**

*Lagerstroemia microcarpa* Wight

**Voucher specimen No.**

TBGT 58989

**Family**

Lythraceae

**Description:** Deciduous trees; leaves simple, opposite, distichous, stipulate; flowers bisexual, white, in axillary and terminal panicles; calyx smooth; petals obovate, white, clawed; stamens numerous, inserted at the base of calyx tube; ovary half inferior, sessile, glabrous, 4-6-celled, ovules many; style long, curved; stigma capitate; fruit a capsule, 4-6 valved, dehiscent; seeds many, elongated.

**Indication, method of preparation and mode of administration**

Leaves prepared in the form of expressed juice and 5ml of the juice administered orally daily early morning for three to four months

**Indication**

Diabetes

**Fungus species infected**

*Ophiodothella lagerstroemiae* Hosag.

*Lebosia legerstroemiae* Hosag. & Abraham

### 43. Tribal Name

**Uthi**

**Botanical Name**

*Lannea coromandelica* (Houtt.) Merr.

**Voucher specimen No.**

TBGT 57074

**Family**

Anacardiaceae

**Description:** Tree; leaves imparipinnate, alternate, estipulate; petiolule slender, pubescent; flowers unisexual, yellowish-green; male flowers - in compound racemes; calyx 4-lobed; petals 4, lanceolate; stamens 8, inserted...
below the disc; ovary abortive; female flowers- in simple racemes; petals and sepals as in male flowers; stamens very short and small; anthers sterile; ovary superior; styles 4; stigma peltate; fruit a drupe, red; seed compressed.

**Indication, method of preparation and mode of administration**

a) Lactagogue - root prepared in the form of paste and applied externally over the breast

b) Incurable wounds - resins prepared in the form of medicated oil and applied externally over the wound

**Fungus species infected** : *Meliola geniculata* Sydow & Butler

**44. Tribal Name** : Kathivetti

**Botanical Name** : *Mallotus philippensis* (Lam.) Muell.-Arg.

**Voucher specimen No.** : TBGT 58981

**Family** : Euphorbiaceae

**Description** : Dioecious trees; young leaves and inflorescence tawny or rusty pubescent; leaves simple, alternate; flowers unisexual, brick red, rusty puberulous, terminal spicate panicles; male flowers- 4.5 mm; tepals 4, lanceolate; stamens many; female flowers- 4 mm; tepals 3 or 4, thicker than in males; ovary with red glands, superior, 3-celled; ovules one in each cell; styles papillose; fruit a capsule, globose, 3-lobed; seeds 1-4, globose, glabrous, black.
Indication, method of preparation and mode of administration

Anthelmintic - reddish powder from the fruit is administered internally only once.

Fungus species infected : *Asteridiella kombeensis* Hodag
*Asteridiella malloticola* Yamam.

45. Tribal Name : Kasavu
Botanical Name : *Memecylon umbellatum* Burm.f.
Voucher specimen No. : TBGT 57099
Family : Melastomataceae

Description : Large shrubs; leaves ovate-oblong or elliptic; petiole 5 mm long; umbels compact, sessile, many-flowered; flowers subsessile; calyx pale bluish, truncate or shallowly 4-lobed; petals blue, elliptic-ovate to orbicular; filaments blue; anthers 1.5 mm long; style blue; mature fruit bluish black.

Indication, method of preparation and mode of administration

Infertility problems in females - tender leaves prepared in the form of expressed juice and administered orally twice daily for 15 days.

Fungus species infected : *Aecidium kaernbachii* Henn.

46. Tribal Name : Neelathetti
Botanical Name : *Memecylon randerianum* S. M. Almeida & M. R. Almeida
Voucher specimen No. : TBGT 58971
Family : Melastomataceae
**Description** : Bushy shrubs; leaves ovate, apex gradually acute, cordate at base, sessile; flowers fascicled in very dense many-flowered cymes; peduncles 1-2 mm long; pedicels short; calyx tube 1-2 mm long, campanulate, truncate at apex; petals 1-2 mm long, obovate, blue; style subulate, berry 4-5 mm across, globose.

**Indication, method of preparation and mode of administration**

Menstrual irregularity - expressed juice of tender leaf administered orally for 10 to 15 days for females

**Fungus species infected** : *Meliola affinis* Sydow var. *indica* Hosag.

47. **Tribal Name** : Kattukariveppu

**Botanical Name** : *Murraya paniculata* (L.) Jack.

**Voucher specimen No.** : TBGT 57093

**Family** : Rutaceae

**Description** : Shrubs; leaves foliolate; leaflets ovate to elliptic-ovate or rhomboid; panicles few-flowered, from the axils of upper leaves; peduncle 2-3 cm long; calyx ovate; petals 5, elliptic to ovate-elliptic, white; stamens 10; ovary oblong, 2-celled; ovules 1 in each cell; stigma capitate; fruits berry acute, red.

**Indication, method of preparation and mode of administration**

a) Cough - 1 to 2 gm leaf powder mixed with honey and administered internally thrice daily two days

b) Rheumatism - medicated water is prepared from the leaves and bark and applied on the affected parts.

**Fungus species infected** : *Meliola tenella* Pat.
48. Tribal Name : Gurusathyam, Vellarathi
Botanical Name : *Mussaenda frondosa* L.
Voucher specimen No. : TBGT 58993
Family : Rubiaceae

**Description** : Straggling shrubs; leaves broadly ovate, base rounded; petiole to 1.5 cm long; cymes terminal, tomentose. flowers 5-merous; bracts and bracteoles linear; calyx-lobes 5, lanceolate, hairy; corolla funnel-shaped, orange-red or yellow, tomentose outside; stamens 5, included or exserted; fruit berry, globose.

**Indication, method of preparation and mode of administration**

a) Abscess - a paste is prepared from the dried stem bark and applied externally

b) Inflammation - root is prepared in the form of paste and applied externally

**Fungus species infected** : *Meliola anceps* Sydow

49. Tribal Name : Peenari
Botanical Name : *Nothapodytes nimmoniana* (J. Graham) Mabb.

Voucher specimen No. : TBGT 57097
Family : Icacinaceae

**Description** : Large shrub to small trees 10 m high; leaves simple, alternate, estipulate; petiole stout, pubescent; flowers bisexual, creamy yellow, in terminal pubescent corymbose cymes or panicles; calyx cupular, 5-toothed;
petals 5; stamens 5, free; ovary ovoid, hairy, 1-celled, ovules 2; style angled;
fruit a drupe, ellipsoid, blackish-purple; seed glabrous.

**Indication, method of preparation and mode of administration**
Ulcer - stem bark is prepared in the form of paste and administered internally

**Fungus species infected** : *Meliola chandrasekharanii* Hosag.

50. **Tribal Name** : Era

**Botanical Name** : *Ochlandra travancorica* (Bedd.) Benth. ex Gamble

**Voucher specimen No.** : TBGT 58980

**Family** : Poaceae

**Description** : Tall grasses; leaves scattered, oblong-lanceolate, base truncate, or cuneate, glabrous; sheaths tubular, mouth with stiff bristles; ligule short; panicles large, spicate; glumes 2-5, unequal; florets one, bisexual; lemmas 5 cm long, elliptic-oblong; stamens 20-40, filaments monadelphous; style long; stigma 4-6; fruit ovoid, smooth.

**Indication, method of preparation and mode of administration**
a) Improve stamina and vitality- fruits cooked and administered orally
b) Wound - apply coconut oil over the leaves and heated the leaves and applied externally

**Fungus species infected** : *Phyllachora* sp.
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51. Tribal Name : Edana
Botanical Name : *Olea dioica* Roxb.
Voucher specimen No. : TBGT 57085
Family : Oleaceae

**Description** : Trees, upto 15m high; leaves simple, opposite, estipulate; flowers in polygamo-dioecious, creamy-white, small, in panicles, pedicellate; calyx 1 mm, 4 teethed, campanulate, obtuse, ciliate; corolla 2.5 mm long, lobes 4, shorter than the tube, triangular, obtuse, hairy within; stamens 2, included, anthers sessile, 1 mm; ovary superior, 4 ovuled; style short; stigma capitate; fruit a drupe, ellipsoid, blue; seeds minutely muriculate.

**Indication, method of preparation and mode of administration**

Febrifuge - leaves prepared in the form of paste and administered orally twice daily for three days

**Fungus species infected** :

- *Zaghouania oleae* (E.J. Butler) Cummins
- *Meliola malabarensis* Hansf.
- *Meliola oleacearum* Hosag.

: Uravu

52. Tribal Name
Botanical Name : *Persea macrantha* (Nees) Kosterm.
Voucher specimen No. : TBGT 58998
Family : Lauraceae

**Description** : Tree; leaves simple, alternate, clustered at the tip of branchlets, estipulate; petiole stout, grooved above, glabrous; flowers bisexual, pale yellow, in panicles; perianth tube very short, tepals 6; stamens 9 perfect;
ovary half inferior, sessile; ovule 1, pendulous; style, slender, 2 mm; fruit a berry, globose, green with white specks; seed one, globose.

**Indication, method of preparation and mode of administration**

Dislocation and sprain - stem bark prepared in the form of a paste and applied externally

**Fungus species infected**  :  *Periconiella persae-macranthae* Hosag.& Braun  
*Meliola machili* Yamam.

53. **Tribal Name**  :  Analivegam  
**Botanical Name**  :  *Pittosporum neelgherrense* Wight & Arn.  
**Voucher specimen No.**  :  TBGT 57070  
**Family**  :  Pittosporaceae

**Description**  :  Small tree; leaves simple, alternate, estipulate; petiole slender, glabrous; flowers bisexual, in slender simple racemes; pedicels 5 mm long, glabrous; sepals 5, subulate, margin ciliate; petals yellow, oblong-lanceolate; ovary superior, 1-celled; stigma 2-lobbed; fruit a capsule, 2 valved; seeds 4-8, orange-red, smooth.

**Indication, method of preparation and mode of administration**

a) Viper poison - pounded stem bark with water and prepared in the form of paste. Pounded mass administered orally and the other applied externally  
b) Dyspepsia, stomach ache, dysentery - stem bark is prepared in the form of decoction and administered orally twice a day for three days  
c) Chest pain- Bark extract mixed with egg white and administered orally in the early morning for 7 to 10 days

**Fungus species infected**  :  *Meliola polytricha* Kalch. & Cooke
54. **Tribal Name**  :  Pongu  
**Botanical Name**  :  *Pongamia pinnata* (L.) Pierre  
**Voucher specimen No.**  :  TBGT 58964  
**Family**  :  Fabaceae  

**Description** : Evergreen trees; leaves imparipinnate, alternate; stipules lateral, small, oblong; flowers bisexual, purplish-white, in lax axillary racemes; calyx tube campanulate; corolla exserted; petals 5, clawed; stamens 10, monadelphous, ovary subsessile, inferior, ovules 2; style in curved, beardless; fruit a pod, indehiscent, slightly falcate; seed one, reniform.  

**Indication, method of preparation and mode of administration**  
a) Vaginal infection - 4 to 5 leaves boiled in cow’s milk and ½ glass administered orally prior to sleep for females  
b) Scabies - leaves prepared in the form of paste and administered orally and applied externally  

**Fungus species infected**  :  *Passalora pongamiae* (H.Sydow) Subram.  

*Meliola pongamiae* Hosag. & Abraham  

55. **Tribal Name**  :  Akkivalli  
**Botanical Name**  :  *Pothos scandens* L.  
**Voucher specimen No.**  :  TBGT 57095  
**Family**  :  Araceae  

**Description** : Climber; stem angled; leaf lanceolate, apex acuminate, nerves many, united to form 2-3 narrow ribs; petiole broadly winged; inflorescence axillary; spathe orbicular, obtuse, brown; spadix globose; flowers densely
packed; bracts 3-5, orbicular; stamens 6, free; ovary obovoid, stigma 3-toothed.

**Indication, method of preparation and mode of administration**

a) Smallpox - dried leaves are powdered and smeared affected parts of the body

b) Burns and eczema - expressed juice of the whole plant prepared as medicated oil with coconut milk and applied externally

**Fungus species infected** : *Lembosia malabarensis* (Sydow & Sydow) Hosag. & Goos

**56. Tribal Name** : Kalivenga, Venga

**Botanical Name** : *Pterocarpus marsupium* Roxb.

**Voucher specimen No.** : TBGT 58992

**Family** : Fabaceae

**Description** : Deciduous trees; leaves imparipinnate, alternate; stipules small, lateral, cauducous; petiolule slender, glabrous; flowers bisexual, yellow, in terminal and axillary panicles; calyx tube campanulate, lobes short; corolla exserted; petals 5, all long-clawed; stamens 10, monadelphous; anthers uniform; ovary shortly stalked, inferior, 1-celled, ovules 2; style filiform, in curved, beardless; stigma capitate; fruit a pod, orbicular-reniform, broadly winged; seed one, subreniform.

**Indication, method of preparation and mode of administration**

a) Diarrhoea - resin from the stem bark mixed with salt and about 5g administered orally twice daily for two days
b) Obesity - prepared a decoction of stem bark and administered orally twice daily for four days

c) Wound - collected gum exuded from the bark and applied externally

**Fungus species infected** : *Meliola pterocarpi* Yates

57. **Tribal Name** : Chandanam

**Botanical Name** : *Santalum album* L.

**Voucher specimen No.** : TBGT 58975

**Family** : Santalaceae

**Description** : Evergreen tree; leaves simple, opposite, exstipulate; petiole glabrous; lamina elliptic; flowers bisexual, reddish-purple, in axillary and terminal paniculate cymes; tepals 5; stamens 5, alternates with disc; ovary superior latter half inferior at the time of flowering; style 1.5 mm, stigma 3 lobed; fruit a drupe, 8-12 mm across, globose, blackish-purple, annulate above, beaked with the basal part of the style; seed one.

**Indication, method of preparation and mode of administration**

Headache - stem bark is prepared in the form of a paste and applied externally over the forehead.

**Fungus species infected** : *Asterina congesta* Cooke

58. **Tribal Name** : Vallikurumthotti

**Botanical Name** : *Sida cordata* (Burm. f.) Borss.

**Voucher specimen No.** : TBGT 57084

**Family** : Malvaceae
**Description**: Herb; leaves broadly ovate, margins serrate-crenate, apex acute to acuminate; petioles upto 3 cm long; flowers axillary, solitary; pedicels upto 2 cm long, filiform, articulated above the middle; calyx campanulate, divided to the middle, stellate; corolla yellow; petals obovate; staminal column 2 mm long; anthers numerous, yellow; ovary subglobose; styles 5; stigmas 5, globose, yellowish; seeds reniform, brownish-black.

**Indication, method of preparation and mode of administration**

Inflammation - whole plant prepared in the form of paste and applied externally

**Fungus species infected**: *Asterina diplocarpa* Cooke

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**59. Tribal Name**: Plachi valli

**Botanical Name**: *Spatholobus parviflorus* (Roxb. ex DC.) O. Kutze.

**Voucher specimen No.**: TBGT 58986

**Family**: Fabaceae

**Description**: Large climbers; leaflets ovate, obtusely acute at apex, rounded at base; petiole 4-5 cm long; flowers 9 mm long; calyx densely villous inside; pods 14 x 4.5 cm, stalked.

**Indication, method of preparation and mode of administration**

Conjunctivitis - leaf is prepared in the form of paste and applied over the head half an hour before bath

**Fungus species infected**: *Meliola spatholobii* Hosag.
60. **Tribal Name**: Kanjiram  
**Botanical Name**: *Strychnos nux-vomica* L.  
**Voucher specimen No.**: TBGT 57071  
**Family**: Loganiaceae  
**Description**: Tree; leaves simple, opposite, estipulate; petiole slender, glabrous; flowers bisexual, greenish-white, in terminal sessile cymes; corolla greenish-yellow, tube 10 mm long; stamens 4, anthers sessile inserted at the throat of corolla tube; ovary 2-celled, ovules many in each cell; fruit a berry, globose, yellowish-red or orange, glabrous; seeds 3 or 4 greenish-white, coin like.  

**Indication, method of preparation and mode of administration**  
a) Amenorrhoea - dried seed powder mixed with cow’s milk and about ½ glass administered orally for seven days  
b) Wound - stem bark is prepared in the form of paste and applied externally  

**Fungus species infected**:  
*Meliola cannonii* Hosag.  
*Questieriella strychni* Hosag.  
*Meliola gamsii* Hosag. & Shiburaj  

61. **Tribal Name**: Pachotti  
**Botanical Name**: *Symplocos cochinchinensis* (Lour.) Moore  
**Voucher specimen No.**: TBGT 58969  
**Family**: Symplocaceae  
**Description**: Evergreen trees; leaves simple, alternate, estipulate; petiole slender, glabrous, grooved above; flowers bisexual, white, in axillary simple
or branched spikes; calyx tube adnate to the ovary; stamens many; ovary inferior, ovules 2 in each cell; style 5 mm, simple; stigma capitate; fruit a drupe, glabrous, ampulliform, globose ribbed, purple crowned by calyx lobes; seeds 1-3, oblong.

**Indication, method of preparation and mode of administration**

a) Inflammation - root is prepared in the form of paste and applied externally

b) Stomach ache - root is prepared in the form of expressed juice and administered orally thrice daily for five days

**Fungus species infected**: *Asterina indica* Sydow et al.

62. **Tribal Name** : Njaval

**Botanical Name** : *Syzygium cumini* (L.) Skeels

**Voucher specimen No.** : TBGT 57083

**Family** : Myrtaceae

**Description** : Medium sized trees; bark white, light pink inside; leaves ovate, oblong, long-acuminate at apex, acute at base; petiole 1.5-2 cm long; flowers 6-9 mm across, subsessile; calyx tube 3 mm broad, turbinate; berry 10 x 7 mm, obovoid, deep blue.

**Indication, method of preparation and mode of administration**

a) Diabetes - tender leaves are prepared in the form of paste and administered orally once daily

b) Throat infection - add 7 to 10 leaves in boiling water and gargle the same
**Fungus species infected**: *Phyllachora ambigua* (Sydow) Sydow

**63. Tribal Name**: Kundalapala

**Botanical Name**: *Tabernaemontana divaricata* (L.) R. Br. Ex Roem. & Schult.

**Voucher specimen No.**: TBGT 58988

**Family**: Apocynaceae

**Description**: Shrubs or small trees; leaves opposite, acuminate at the apex; flowers fragrant; sepals pale green, connate at the base; corolla white, often with a yellow throat; stamens from below mouth of corolla tube; anthers narrowly oblong, apex obtuse or acute; ovary ovoid, ovules approximately 20 in each carpel; fruit of 2 separate mericarps, orange, red or less often green; seeds 2-10, aril deep orange or red.

**Indication, method of preparation and mode of administration**

Vitiligo - root prepared in the form of paste and applied externally

**Fungus species infected**: *Meliola pepparaensis* Hosag. & Abraham

**64. Tribal Name**: Thekku

**Botanical Name**: *Tectona grandis* L. f.

**Voucher specimen No.**: TBGT 57087

**Family**: Verbenaceae

**Description**: Deciduous trees; leaves simple, opposite, estipulate; petiole tomentose; flowers bisexual, in terminal cymose panicles; calyx 5 mm long, campanulate; corolla 6 mm long, lobes 5-6, oblong, spreading; stamens 5-6,
equal, erect; anthers oblong; ovary globose, superior, 4-celled, 1 ovule in each cell; style slender, 4 mm; stigma linearly bifid; fruit a drupe; seeds 1-4, oblong.

**Indication, method of preparation and mode of administration**

Burn - expressed juice of the tender leaves mixed with same quantity of coconut milk, heated and prepared in the form of medicated oil. External application also.

**Fungus species infected**

- *Olivea tectonea* (Ramakr. & Ramakr.) Mueller
- *Cercospora tectonae* F. Stevens

**65. Tribal Name**

- Thanni

**Botanical Name**

- *Terminalia bellirica* (Gaertn.) Roxb.

**Voucher specimen No.**

- TBGT 58995

**Family**

- Combretaceae

**Description**

Deciduous trees; leaves simple, opposite or alternate, exstipulate; petiole 15-80 mm, stout, slightly grooved above; flowers bisexual, greenish-yellow; peduncle puberulous; petals absent; ovary 1.5 mm, inferior, tomentose, 1-celled; ovules 2 or 3, style 4 mm, subulate; stigma small; fruit a drupe, obovoid, yellowish-brown, honed; seed one, ellipsoid.

**Indication, method of preparation and mode of administration**

a) Hair fall and Dandruff - medicated oil prepared from the dried fruit and applied externally over hair

b) Asthma - dried fruit powder mixed with honey and administered orally

**Fungus species infected**

- *Colemaniella assorii* Agnihothrudu
- *Asteridiella combreti* (Stev.) Hansf. var. *leonensis* Hansf.
66. Tribal Name : Badam

Botanical Name : *Terminalia catappa* L.

Voucher specimen No. : TBGT 57096

Family : Combretaceae

Description : Tree; leaves simple, alternate, densely clustered at the tip of branchlets; exstipulate; petiole stout, pubescent; flowers polygamous, sessile, white or yellowish-green; calyx tubular, pubescent; petals absent; stamens 10; filaments 3-4 mm long; anthers oblong, disc villous; ovary inferior, 1-celled, ovule pendulous; style 2-4 mm long; fruits a drupe.

**Indication, method of preparation and mode of administration**

a) Scabies - leaves prepared in the form of paste and administered orally

b) Scars on the body - medicated oil prepared from the leaves applied externally

Fungus species infected : *Questieriella terminaliae* Hosag. & Agarwal  
*Meliola pelliculosa* Sydow  
*Schiffnerula terminaliae* Hosag & Riju

67. Tribal Name : Kadukka

Botanical Name : *Terminalia chebula* Retz.

Voucher specimen No. : TBGT 57090

Family : Combretaceae

Description : Deciduous trees; leaves simple, opposite to alternate, exstipulate; petiole pubescent; flowers bisexual, greenish-white, in terminal
and axillary spikes; bracts long; calyx tubular, villous, constricted above the
ovary; petals 0; stamens 10 in 2 rows; ovary inferior, 1-celled; style subulate;
stigma terminal; fruit a drupe; seed one.

**Indication, method of preparation and mode of administration**

Intestinal colic - dried fruits powder mixed with honey and administered
orally

**Fungus species infected** : *Lembosia terminaliae-chebulae* Hosag.,
Abraham & Crane

68. **Tribal Name** : Kuttal vayana, Kodassery
68. **Botanical Name** : *Thottea siliquosa* (Lam.) Ding Hou
68. **Voucher specimen No.** : TBGT 57072
68. **Family** : Aristolochiaceae

**Description** : Shrubs; leaves elliptic-oblong, inequilateral, apex acuminate,
tomentose below, petiole 5 mm long; flowers in axillary fascicles; perianth
lobed, united into a cup, acute, yellow or brown; stamens 12, united in 3
groups; stigma peltate, many-lobed; capsule 12 cm long, 5 mm broad,
cylindrical; seeds trigonous, rugose.

**Indication, method of preparation and mode of administration**

Dried root powder prepared in the form of paste and administered
internally and applied externally

**Indication** : Snake bite

**Fungus species infected** : *Asterina thotteae* Hosag. & Hanlin

69. **Tribal Name** : Vallippala
69. **Botanical Name** : *Tylophora indica* (Burm. f.) Merr.
Voucher specimen No. : TBGT 58991

Family : Asclepiadaceae

Description: Climbers; leaves opposite, ovate to oblong, acute or acuminate apex, base subcordate, entire, slightly pubescent on both sides; flowers greenish-purplish or greenish-yellow, in umbellate cymes; calyx hairy outside, divided nearly to the base; corolla 1 cm across, lobes to 4 mm long; ovary obconical; style upto 1 mm; follicle cylindric, acute at both ends small, flat; seeds 7 mm long, broadly ovate.

Indication, method of preparation and mode of administration

a) Migraine - tender leaves are prepared in the form of paste and applied over the forehead

b) Allergy - leaves dried and powdered and administered orally

Fungus species infected : Meliola tylophorae-indicae Hosag & Manoj.

70. Tribal Name : Vella kunthirikkam

Botanical Name : Vateria indica L.

Voucher specimen No. : TBGT 58996

Family : Dipterocarpaceae

Description : Tree; leaves simple, alternate; stipule narrow, lateral, deciduous; petiole stellate pubescent, swollen tipped; flowers bisexual, white, in terminal panicles; sepals 5, free, lanceolate; petals 5, white, obovate, spreading, shortly united at base; stamens many; anthers often slightly hairy at base; ovary superior, ovoidoblong, tomentose; stigma small;
fruita capsule, pale brown, ovoid or oblong-ovoid, lanceolate, tip acuminate; seed one.

**Indication, method of preparation and mode of administration**

a) Asthma - fumes produced from the resin powder inhaled.

b) Skin diseases - dried seeds heated gently and collect the seed oil and applied externally over affected parts

**Fungus species infected** : *Asterolibertia vateriae* Hosag.  
*Echidnodella vateriae* Hosag & Kumar

71. **Tribal Name** : Mayila  
**Botanical Name** : *Vitex altissima* L. f.  
**Voucher specimen No.** : TBGT 57081  
**Family** : Verbenaceae

**Description** : Small tree; leaves compound, trifoliate, opposite, extipulate; rachis slender, winged in sapling leaves; flowers bisexual, white, tinged with blue, in terminal panicles, calyx densely tomentose; corolla 2 lipped, upper lip of 2 and lower lip of 3 lobes, obtuse, throat villous; stamens 4, didynamous, exserted; fruit a drupe, smooth, globose, glabrous, blue, supported by enlarged calyx; seeds 4, obovate.

**Indication, method of preparation and mode of administration**

Leaves are boiled and prepared a medicated water used for bath

**Indication** : Bathing after delivery  
**Fungus species infected** : *Meliola altissimae* Hosag.

72. **Tribal Name** : Neelappala  
**Botanical Name** : *Wrightia tinctoria* (Roxb.) R. Br.
Voucher specimen No. : TBGT 57100

Family : Apocynaceae

Description : Tree; leaves simple, opposite, distichous, estipulate; flower bisexual, white, scented, in terminal cymes appearing along with new leaves; pedicel 1.5 mm long; calyx lobes 5, with membranous margin; corolla salver shaped, lobes 5; stamens 5; anthers sagitate, spurred at base, carpels 2, free, many ovuled; style filiform, stigma ovoid, usually with a toothed basal ring; fruit of 2 follicular mericarps; seed 16, black, commate at one end.

Indication, method of preparation and mode of administration

Pounded mass of the leaves are chewed morning and night for ten days

Indication : Toothache

Fungus species infected : Meliola tabernae montanae Speg. var. wrightiae Hosag.

Asterina wrightiae Sydow

Hemileia wrightiae Racib.

73. Tribal Name : Vanthudali, Kottavalli

Botanical Name : Ziziphus oenoplia (L.) Mill.

Voucher specimen No. : TBGT 58994

Family : Rhamnaceae

Description : Scandent shrubs; thorns many; branchlets densely silky hairy; leaves ovate, apex acuminate, base oblique, 3 or 4 ribbed, densely fulvous hairy, sessile or shortly petioled; flowers shortly pedicelled, in axillary clusters; sepals triangular; petals clawed, concave, greenish yellow; fruits drupe, globose, black.
Indication, method of preparation and mode of administration

Acidity - 15 to 20 ripened fruits are administered as such

Fungus species infected : *Meliola ziziphi* Hansf. & Thirum.

74. Tribal Name : Thodali

Botanical Name : *Ziziphus rugosa* Lam.

Voucher specimen No. : TBGT 58999

Family : Rhamnaceae

Description : Scandent shrub; leaves ovate-orbicular, apex acute, base unequally cordate; petiole 1 cm long; flowers 6-20 together; sepals densely tomentose outside; ovary densely tomentose, 2-celled; styles 2, curved; fruit drupe, globose, white, glabrous.

Indication, method of preparation and mode of administration

Jaundice - root prepared in the form of paste and 5 gm administered orally twice daily for seven days

Fungus species infected : *Meliola ziziphi* Hansf. & Thirum.