



RESEARCH ARTICLE

# Angiospermic diversity and medicinal plants of Tegur village, Dharwad, Karnataka

Vanaja G Patgar<sup>1</sup>, Shreyas Betageri<sup>1\*</sup>, V S Korikanthimath<sup>2</sup> & K Kotresha<sup>1</sup>

<sup>1</sup>Taxonomy and Floristic Laboratory, Department of UG, PG and Research in Botany, Karnataka Science College, Karnataka University, Dharwad 580 001, Karnataka, India

<sup>2</sup>ICAR-Central Coastal Agricultural Research Institute, Ela, Old Goa 403 402, Goa, India

\*Correspondence email - [shreyasbetgari@gmail.com](mailto:shreyasbetgari@gmail.com)

Received: 09 August 2025; Accepted: 18 November 2025; Available online: Version 1.0: 08 May 2026; Version 2.0: 19 May 2026

**Cite this article:** Vanaja GP, Shreyas B, Korikanthimath VS, Kotresha K. Angiospermic diversity and medicinal plants of Tegur village, Dharwad, Karnataka. Plant Science Today. 2026; 13(2): 1-12. <https://doi.org/10.14719/pst.11204>

## Abstract

Diversity of angiosperms at regional level is important to locate the plants easily which is necessary aspect for conservation of plants. Tegur is a village in Dharwad taluk in Dharwad district of Karnataka, India. It is towards Belgaum Division. Tegur is surrounded by Bylahongal taluk towards North, Haliyal taluk towards South, Khanapur taluk towards west, Hubli taluk towards east. It is covered by small hillocks with scrubby vegetation having moist deciduous forests. Phytodiversity of angiosperms at Tegur Village, Dharwad recorded 304 species of angiosperms of 66 different families. And habit wise distribution of plants reports herbs (149), trees (54), shrubs (44), climbers (53), undershrubs (3), one large shrub. Plants used in medicinal (63), vegetables (9), fungicide (1), fruits (12), timber (4), gums (1), ornamental (10) and fibers (4). Dominant families recorded during survey are Fabaceae (42), Poaceae (32), Asteraceae (26), Malvaceae (23) which are diversified families in all the vegetation. Recorded 63 medicinal plants based on secondary literature which is very important to conserve the Tegur village diversity. *Habenaria plantaginea* Lindl. (Orchidaceae) and *Ceropegia hirsuta* Wight & Arn. (Apocynaceae) are the rare and endemic plants recorded during the survey.

**Keywords:** Dharwad; IUCN status; Karnataka; NTFP species; regional diversity

## Introduction

India has rich and varied vegetation with a wide range of climatic condition from the torrid to the arctic. India harbours about 8 % of the total species of the world. It is obvious that no progress in the utilisation of local plants and their products for economic exploitation can be made without having definite information about their availability both in quantity and quality. Therefore, it is very much essential to know the status of a plant in particular area (1). The Rio Earth Summit held in 1992 emphasised the need to conserve the biodiversity of globe, especially the tropics. A thorough investigation of our flora has become an urgent necessity not only because of the economic and ecological importance of biodiversity but also because of accelerated genetic erosion occurring because of the destruction of the forest and other habitats (2).

Flora of Karnataka has reported 170 families and 3400 species (3, 4); Flora of Karnataka analysis has reported the 3924 species under the 1323 genera these are belonging to 199 families of plant (5); Flora of Eastern Karnataka reported the 140 families of plant this families contain 1421 species, 696 genera (6); Flora of Gulberga district reported the 100 plant families contain 300 genera, 600 species (7); Flora of Anshi National Park has reported the 127 plant families and these families contain 923 species, 570 genera (8); Flora of Gadag district has reported the 113 plant families and contain 815 species, 518 genera (9); Flora of Bidar district, Karnataka has reported the 100 plant families and contain 900 species, 300

genera (10); Flora of Kolar district has reported the 118 plant families and contain 854 species, 467 genera (11); Flora of Karnataka a checklist, Vol. 2: Gymnosperms and Angiosperms has reported the 196 plant families and contain 4853 species, 1543 genera (12); Studies on phytodiversity of Mallikarjun hill adi: A sacred grove in Karnataka, India (13) recorded 160 species, 133 genera and 58 families; Phytodiversity studies in Sri Ramathirth sacred grove, Halasi, Khanapur taluk, Belagavi district, Karnataka reported 274 species, 215 genus, 80 families (14); Diversity of wild orchids at Sharavathi valley lion tailed macaque sanctuary in central Western Ghats, Karnataka, India recorded 94 wild orchids in that 57 are epiphytic, 34 are terrestrial and 3 are mycotrophic (15).

Diversity of Angiosperms at Machigad Fort, Halashi, Kahanapur, Belagavi, India (16) reports a regional diversity of 278 species only angiosperms belonging to 69 families, covering 113 herbs, 41 shrubs, 66 trees, 22 climbers, 15 climbing shrubs, 8 undershrubs, 13 lianas species from moist deciduous forests; Checklist and diversity of wild orchids at Koppa Taluk, Chikkamagaluru District, Karnataka, in the Western Ghats (17) reported a total of 97 species of orchids belonging to 40 genera. Among these, epiphytes-64, terrestrial-31 and mycoheterotrophic-2; Estimation of tree biomass and carbon density of tropical moist deciduous forest in semi-arid regions Katridaddi Hillock, Belagavi, Karnataka (18) reported 22 tree species belonging to 12 families laid 30 quadrats of 32 × 32 m and calculated a carbon sequestered in the Hillock is 16.522 tonnes; Comparative account and diversity of lower

and higher plants in two lakes of Haliyal taluk, Uttara Kannada district, Karnataka (19) reports 100 plant species were recorded in which lower plants and higher plants were differentiated. More species diversity is in Antrolli lake than Guttigere lake. Antrolli lake records 82 species out of 100 species and Guttigere lake records 48 species out of 100 species. Thirty species are common in both lakes. Eleven species are endemic and others are exotic. One alga is recorded in both the lakes.

## Materials and Methods

### Study area

Tegur is a village in Dharwad taluk in Dharwad district of Karnataka state, India. It is towards Belgaum Division. It is located 27 km towards west from district headquarters Dharwad and approximately 21 km from Dharwad city. Ramapur (10 km), Kotur (10 km), Belur (11 km), Arwatagi (12 km), Tadakoda (13 km) are the nearby villages to Tegur. Tegur is surrounded by Bylahongal taluk towards North, Haliyal Taluk towards South, Khanapur taluk towards west, Hubli taluk towards East. It is covered by small hillocks with scrubby vegetation having moist deciduous forests (20–22). The survey was conducted at Survey /Block No. 199/1 at Tegur village, Tq. Dist. Dharwad, Karnataka (Fig. 1).

### Collection and identification

Collection of the plant specimen for identification. Four seasons were considered for study, they are pre-monsoon, monsoon, winter and summer. Pre-monsoon includes April–June showers. The monsoon season includes June–September showers. Winter extends from December to January, while summer includes February–May. Specimen identification with the following flora (3–5, 7, 9, 10, 11, 13, 15, 23–27). Updating of nomenclature of scientific names of plants using POWO, Kew (28, 29). Medicinal uses and other uses are reported based on secondary literature by neighbouring district works (30–33).

## Results

Diversity of plant species at Tegur village, Dharwad district reports 304 species of 66 different families. In this habit wise diversity reports herbs (149), trees (54), shrubs (39 shrubs + 5 lianas = 44), climbers (53), undershrubs (3), one large shrub. Plants used in medicinal (63), vegetables (9), fungicide (1), fruits (12), timber (4), gums (1), ornamental (10) and four fibres (Fig. 2–7). Dominant families recorded during survey are Fabaceae (42), Poaceae (32), Asteraceae (26), Malvaceae (23) and so on (Table 1).

## Discussion

Diversity of plant species at Tegur village, Dharwad district reports 304 species with 66 different families. Dominant families recorded during survey are Fabaceae (42), Poaceae (32), Asteraceae (26), Malvaceae (23). Phytodiversity studies in Sriramatirth sacred grooves, Halasi, Khanapur taluk, Belagavi district, Karnataka (14) reported 274 species, 215 genus, 80 families from Ramtheertha Hill lock which is a stretch of hills near to Machigad fort, conserved as Sacred groove. Dominant family is Fabaceae (21), Asteraceae (17), Orchidaceae and Poaceae (9) and so on. Comparative account and diversity of lower and higher plants in two lakes of Haliyal Taluk,

Uttara Kannada district, Karnataka (19) reports 100 species of lower and higher plants from two lakes (Guttigere and Antrolli) from Haliyal, Uttara Kannada District, Karnataka. A checklist of 94 wild orchids in that 57 are epiphytic, 34 are terrestrial and 3 are mycotrophic from Shravathi Lion tailed Macaque Sanctuary, Uttara Kannada, Karnataka (15). Diversity of Angiosperms at Machigad Fort, Halashi, Kahanapur, Belagavi, India (16) reports 278 species only angiosperms belonging to 69 families, covering 113 herbs, 41 shrubs, 66 trees, 22 climbers, 15 climbing shrubs, 8 undershrubs, 13 lianas species from moist deciduous forests. Of these Fabaceae is most dominant family, comprising 34 species, followed by Malvaceae (19), Asteraceae (18), Orchidaceae (17). A checklist of 97 species of 40 genera in different locations from one taluk Koppa, Chikkamagaluru, Karnataka. The number of epiphytic orchids were higher than that of terrestrial. A total of 64 epiphytic, 31 terrestrial and 2 mycoheterotrophic orchid species (17). Regional diversity of wild orchids is showing richness of biodiversity of Western Ghats. Carbon sequestration Semi-arid region Katridaddi Hillock, Belagavi, Karnataka with 22 tree species belonging to 12 families laid 30 quadrats of 32m × 32m and has 16.522 tons of carbon (18).

As per the previous works on regional diversity reports, dominant are Fabaceae, Malvaceae and others. As their diversity is more over the Karnataka so they are distributed everywhere in each habitat (evergreen, semi-evergreen, moist deciduous, scrubby jungles, etc) which show their adaptation to climate and dominate the habitat. Regional diversity helps researchers and students to locate some important plants from large area to small area. District floras report only taluk level or forest level distribution, but this distribution helps to locate the plants in small village area.

## Conclusion

Plant diversity at Tegur village is with 304 species with 66 different families which records most immense medicinal plants, other food yielding plants also, which needs to have conserved them for future generation. There needs to be future exploration of surrounding villages to report other plants, because this village falls under transition zone of Western Ghats and dry zones as Dharwad district is in between Belgaum, Uttara Kannada district which causes the plant to distribute from the Western Ghats to adapt to transition zones.

## Acknowledgements

The authors are thankful to Karnataka Science College, Dharwad, for providing the facilities to conduct this research programme.

## Authors' contributions

VGP carried out the arrangement of the manuscript and made minor corrections. SB prepared the manuscript according to PST guidelines and provided guidance during data collection and maintenance. KK identified all specimens using standard floras and monographs. VSK and KK collected specimens from Tegur village and gathered additional data for the manuscript. All authors read and approved the final manuscript.

**Table 1.** Checklist of Angiosperms at Tegur village, Dharwad, Karnataka

| Sl. No.                 | Family names and their species                             | Habit | Uses                                           |
|-------------------------|------------------------------------------------------------|-------|------------------------------------------------|
| <b>ACANTHACEAE</b>      |                                                            |       |                                                |
| 1                       | <i>Andrographis paniculata</i> (Burm.f.) Wall. ex-Nees     | H     | Medicinal                                      |
| 2                       | <i>Blepharis maderaspatensis</i> (L.) B. Heyne ex Roth     | H     |                                                |
| 3                       | <i>Dicliptera paniculata</i> (Forssk.) I. Darbysh.         | H     | Medicinal                                      |
| 4                       | <i>Rostellularia procumbens</i> (L.) Nees                  | H     |                                                |
| 5                       | <i>Rungia repens</i> (L.) Nees                             | H     |                                                |
| <b>AMARANTHACEAE</b>    |                                                            |       |                                                |
| 6                       | <i>Achyranthes aspera</i> L.                               | H     | Medicinal                                      |
| 7                       | <i>Alternanthera ficoidea</i> (L.) P. Beauv.               | H     | Medicinal                                      |
| 8                       | <i>Alternanthera pungens</i> Kunth                         | H     | Vegetable                                      |
| 9                       | <i>Alternanthera</i> sp.                                   | H     |                                                |
| 10                      | <i>Amaranthus viridis</i> L.                               | H     |                                                |
| 11                      | <i>Celosia polygonoides</i> Retz.                          | H     | Vegetable                                      |
| 12                      | <i>Digera muricata</i> (L.) Mart.                          | H     | Medicinal                                      |
| 13                      | <i>Gomphrena celosioides</i> Mart.                         | H     | Vegetable                                      |
| 14                      | <i>Oureta lanata</i> (L.) Kuntze                           | H     |                                                |
| <b>ANACARDIACEAE</b>    |                                                            |       |                                                |
| 15                      | <i>Buchanania lanzan</i> Spreng.                           | T     | Fruit edible, seed used in confectionary items |
| 16                      | <i>Lannea coromandelica</i> (Houtt.) Merr.                 | T     |                                                |
| 17                      | <i>Mangifera indica</i> L.                                 | T     | Fruit                                          |
| 18                      | <i>Semecarpus anacardium</i> L. f.                         | T     | Medicinal                                      |
| <b>APIACEAE</b>         |                                                            |       |                                                |
| 19                      | <i>Centella asiatica</i> (L.) Urb.                         | H     | Medicinal                                      |
| <b>APOCYNACEAE</b>      |                                                            |       |                                                |
| 20                      | <i>Carissa carandas</i> L.                                 | S     | Fruit                                          |
| 21                      | <i>Calotropis gigantea</i> (L.) W.T. Aiton                 | S     | Scared and Medicinal                           |
| 22                      | <i>Ceropegia hirsuta</i> Wight & Arn.                      | C     | Rare                                           |
| 23                      | <i>Cryptolepis buchanani</i> Roem. and Schult.             | C     | Medicinal                                      |
| 24                      | <i>Cryptostegia grandiflora</i> Wight                      | T     | Medicinal                                      |
| 25                      | <i>Cynanchum annularium</i> (Roxb.) Liede & Khanum         | C     | Medicinal                                      |
| 26                      | <i>Gymnema sylvestre</i> (Retz.) R. Br. ex. Sm.            | C     | Fungicides                                     |
| 27                      | <i>Hemidesmus indicus</i> (L.) R.Br.                       | T     |                                                |
| 28                      | <i>Holarrhena pubescens</i> Wall. ex G. Don                | C     | Ceremonies                                     |
| 29                      | <i>Ichnocarpus frutescens</i> (L.) W.T. Aiton              | C     |                                                |
| 30                      | <i>Stephanotis volubilis</i> (L.f.) S. Reuss, Liede & Meve | C     | Medicinal                                      |
| 31                      | <i>Vincetoxicum indicum</i> (Burm.f.) Mabb.                | C     |                                                |
| 32                      | <i>Wrightia tinctoria</i> (Roxb.) R.Br.                    | C     | Medicinal                                      |
| <b>ARECACEAE</b>        |                                                            |       |                                                |
| 33                      | <i>Chamaerops humilis</i> L.                               | S     | Mat making                                     |
| 34                      | <i>Phoenix sylvestris</i> (L.) Roxb.                       | T     |                                                |
| <b>ARISTOLOCHIACEAE</b> |                                                            |       |                                                |
| 35                      | <i>Aristolochia indica</i> L.                              | C     | Medicinal                                      |
| <b>ASPARAGACEAE</b>     |                                                            |       |                                                |
| 36                      | <i>Asparagus racemosus</i> Willd.                          | C     | Medicinal                                      |
| 37                      | <i>Chlorophytum acaule</i> Baker                           | H     |                                                |
| <b>ASTERACEAE</b>       |                                                            |       |                                                |
| 38                      | <i>Acanthospermum hispidum</i> DC.                         | H     |                                                |
| 39                      | <i>Acmella calva</i> (DC.) R.K. Jansen                     | H     |                                                |
| 40                      | <i>Ageratina adenophora</i> (Spreng.) R.M. King & H. Rob.  | H     |                                                |
| 41                      | <i>Ageratum conyzoides</i> L.                              | H     |                                                |
| 42                      | <i>Bidens biternata</i> (Lour.) Merr. & Scherif.           | H     |                                                |
| 43                      | <i>Bidens tripartita</i> L.                                | S     |                                                |
| 44                      | <i>Blainvillea acmella</i> (L.) Philipson                  | H     |                                                |
| 45                      | <i>Chromolaena odorata</i> (L.) R.M. King & H. Rob.        | H     | Medicinal                                      |
| 46                      | <i>Cyanthillium cinereum</i> (L.) H. Rob.                  | H     | Medicinal                                      |
| 47                      | <i>Echinopsis echinatus</i> Roxb.                          | H     |                                                |
| 48                      | <i>Eclipta prostrata</i> (L.) L.                           | H     | Vegetable                                      |
| 49                      | <i>Elephantopus scaber</i> L.                              | H     |                                                |
| 50                      | <i>Emilia sonchifolia</i> (L.) DC.                         | H     |                                                |
| 51                      | <i>Eschenbachia stricta</i> (Willd.) Raizada               | H     |                                                |
| 52                      | <i>Galinosa parviflora</i> Cav.                            | H     | Vegetable                                      |
| 53                      | <i>Lagascea mollis</i> Cav.                                | H     |                                                |
| 54                      | <i>Launaea acaulis</i> (Roxb.) Babcock ex Kerr.            | H     |                                                |
| 55                      | <i>Parthenium hysterophorus</i> L.                         | H     |                                                |
| 56                      | <i>Senecio tenuifolius</i> Burm.f.                         | H     | Vegetable                                      |
| 57                      | <i>Sonchus oleraceus</i> L.                                | H     |                                                |
| 58                      | <i>Synedrella nodiflora</i> (L.) Gaertn.                   | H     |                                                |
| 59                      | <i>Tricholepis amplexicaulis</i> C.B. Clarke               | H     |                                                |
| 60                      | <i>Tricholepis radicans</i> (Roxb.) DC.                    | H     |                                                |
| 61                      | <i>Tridax procumbens</i> L.                                | H     | Medicinal                                      |
| 62                      | <i>Vicoa indica</i> (L.) DC.                               | H     |                                                |
| 63                      | <i>Vicoa indica</i> (L.) DC.                               | H     |                                                |

|                       |                                                                   |   |                                           |
|-----------------------|-------------------------------------------------------------------|---|-------------------------------------------|
| <b>BIGNONIACEAE</b>   |                                                                   |   |                                           |
| 64                    | <i>Dolichandrone atrovirens</i> (Roth) K.Schum.                   | T |                                           |
| <b>BORAGINACEAE</b>   |                                                                   |   |                                           |
| 65                    | <i>Cordia dichotoma</i> G.Forst.                                  | T | Vegetable, pickle                         |
| 66                    | <i>Ehretia aspera</i> Willd.                                      | T |                                           |
| 67                    | <i>Trichodesma indicum</i> (L.) Sm.                               | H |                                           |
| <b>CAPPARACEAE</b>    |                                                                   |   |                                           |
| 68                    | <i>Capparis sepiaria</i> L.                                       | S | Medicinal                                 |
| <b>CELASTRACEAE</b>   |                                                                   |   |                                           |
| 69                    | <i>Elaeodendron glaucum</i> (Rottb.) Pers.                        | T |                                           |
| 70                    | <i>Celastrus paniculata</i> Willd.                                | C | Medicinal                                 |
| 71                    | <i>Gymnosporia emarginata</i> (Willd.)                            | S |                                           |
| 72                    | <i>Gymnosporia montana</i> (Roth) Benth.                          | S |                                           |
| <b>CLEOMACEAE</b>     |                                                                   |   |                                           |
| 73                    | <i>Cleome viscosa</i> L.                                          | H | Medicinal                                 |
| <b>COLCHICACEAE</b>   |                                                                   |   |                                           |
| 74                    | <i>Gloriosa superba</i> L.                                        | C | Medicinal                                 |
| <b>COMBRETACEAE</b>   |                                                                   |   |                                           |
| 75                    | <i>Combretum albidum</i> G.Don                                    | T | Gum                                       |
| 76                    | <i>Getonia floribunda</i> Roxb.                                   | L | Tender leaves for controlling acidity     |
| 77                    | <i>Terminalia anogeissiana</i> Gere & Boatwr.                     | L | Medicinal                                 |
| 78                    | <i>Terminalia paniculata</i> B.Heyne ex Roth                      | T | Timber                                    |
| <b>COMMELINACEAE</b>  |                                                                   |   |                                           |
| 79                    | <i>Commelina benghalensis</i> L.                                  | H |                                           |
| 80                    | <i>Commelina diffusa</i> Burm. f.                                 | H |                                           |
| 81                    | <i>Cyanotis fasciculata</i> (B.Heyne ex Roth) Schult. & Schult.f. | H |                                           |
| <b>CONVOLVULACEAE</b> |                                                                   |   |                                           |
| 82                    | <i>Argyreia boseana</i> Santapau & Patel                          | C | ornamental                                |
| 83                    | <i>Argyreia capitiformis</i> (Poir.) Ooststr.                     | C | Plant has wide scope for ornamental plant |
| 84                    | <i>Argyreia cuneata</i> (Willd.) Ker Gawl.                        | C | ornamental                                |
| 85                    | <i>Argyreia osyrensis</i> (Roth) Choisy                           | C | ornamental                                |
| 86                    | <i>Evolvulus alsinoides</i> (L.) L.                               | H | Medicinal                                 |
| 87                    | <i>Ipomoea hederifolia</i> L.                                     | C |                                           |
| 88                    | <i>Ipomoea indica</i> (Burm.) Merr.                               | C |                                           |
| 89                    | <i>Ipomoea obscura</i> (L.) Ker Gawl.                             | C |                                           |
| 90                    | <i>Ipomoea staphylinia</i> Roem. & Schult.                        | C |                                           |
| 91                    | <i>Ipomoea turbinata</i> (L.) Jacq.                               | C |                                           |
| 92                    | <i>Rivea hypocrateriformis</i> (Desv.) Choisy                     | C |                                           |
| <b>CUCURBITACEAE</b>  |                                                                   |   |                                           |
| 93                    | <i>Cucumis prophetarum</i> L.                                     | C |                                           |
| 94                    | <i>Cucumis maderaspatana</i> L.                                   | C | Medicinal                                 |
| 95                    | <i>Cucumis trigonus</i> Roxb.                                     | C |                                           |
| <b>CORNACEAE</b>      |                                                                   |   |                                           |
| 96                    | <i>Alangium salvifolium</i> (L.f.) Wangerin.                      | T | Medicinal                                 |
| <b>CYPERACEAE</b>     |                                                                   |   |                                           |
| 97                    | <i>Abildgaardia ovata</i> (Burm.f.) Kral                          | H |                                           |
| 98                    | <i>Cyperus diaphanus</i> Schrad.                                  | H |                                           |
| 99                    | <i>Cyperus mindorensis</i> (Steud.) Huygh                         | H |                                           |
| 100                   | <i>Cyperus squarrosus</i> L.                                      | H |                                           |
| 101                   | <i>Cyperus difformis</i> L.                                       | H |                                           |
| 102                   | <i>Cyperus iria</i> L.                                            | H |                                           |
| 103                   | <i>Fimbristylis dichotoma</i> (L.) Vahl                           | H |                                           |
| 104                   | <i>Fuirena trilobites</i> C.B.Clarke                              | H |                                           |
| 105                   | <i>Scleria lithosperma</i> (L.) Sw.                               | H |                                           |
| <b>DIOSCOREACEAE</b>  |                                                                   |   |                                           |
| 106                   | <i>Dioscorea bulbifera</i> L.                                     | C | Medicinal                                 |
| 107                   | <i>Dioscorea hispida</i> Dennst.                                  | C | Ceremonies                                |
| 108                   | <i>Dioscorea oppositifolia</i> L.                                 | C | Medicinal                                 |
| 109                   | <i>Dioscorea pentaphylla</i> L.                                   | C |                                           |
| <b>EBENACEAE</b>      |                                                                   |   |                                           |
| 110                   | <i>Diospyros melanoxylon</i> Roxb.                                | T |                                           |
| 111                   | <i>Diospyros montana</i> Roxb.                                    | T | Medicinal                                 |
| <b>ERIOCAULACEAE</b>  |                                                                   |   |                                           |
| 112                   | <i>Eriocaulon lanceolatum</i> Miq. ex Korn.                       | H |                                           |
| <b>EUPHORBIACEAE</b>  |                                                                   |   |                                           |
| 113                   | <i>Acalypha indica</i> L.                                         | H | Medicinal                                 |
| 114                   | <i>Bridelia retusa</i> (L.) A. Juss.                              | T |                                           |
| 115                   | <i>Euphorbia hirta</i> L.                                         | H | Medicinal                                 |
| 116                   | <i>Mallotus philippensis</i> (Lam.) Mull.Arg.                     | T | Medicinal                                 |

| <b>FABACEAE</b>      |                                                          |    |                                 |
|----------------------|----------------------------------------------------------|----|---------------------------------|
| 117                  | <i>Albizia amara</i> (Roxb.) Boivin                      | T  |                                 |
| 118                  | <i>Abrus precatorius</i> L.                              | T  | Timber tree                     |
| 119                  | <i>Aeschynomene indica</i> L.                            | T  | Timber tree                     |
| 120                  | <i>Albizia lebbeck</i> (L.) Benth.                       | T  |                                 |
| 121                  | <i>Albizia procera</i> (Roxb.) Benth                     | S  |                                 |
| 122                  | <i>Alysicarpus</i> sp.                                   | S  | Fiber                           |
| 123                  | <i>Alysicarpus tetragonolobus</i> Edgew.                 | T  | Medicinal                       |
| 124                  | <i>Bauhinia racemosa</i> Lam.                            | H  |                                 |
| 125                  | <i>Butea monosperma</i> (Lamk.) Kuntze                   | H  |                                 |
| 126                  | <i>Chamaecrista mimosoides</i> (L.) Greene               | S  |                                 |
| 127                  | <i>Clitoria ternatea</i> L.                              | H  | Leafy vegetable                 |
| 128                  | <i>Crotalaria hebecarpa</i> (DC.) Rudd.                  | T  | Medicinal                       |
| 129                  | <i>Crotalaria juncea</i> L.                              | T  | Vegetable                       |
| 130                  | <i>Crotalaria wightiana</i> Graham ex Wight & Arn.       | C  | Medicinal                       |
| 131                  | <i>Dalbargia lanceolaria</i> L.f.                        | H  |                                 |
| 132                  | <i>Dalbargia latifolia</i> Roxb.                         | US |                                 |
| 133                  | <i>Dichrostachys cinerea</i> (L.) Wight & Arn.           | H  |                                 |
| 134                  | <i>Geissapsis cristata</i> Wight & Arn                   | H  |                                 |
| 135                  | <i>Grona triflora</i> (L.) H. Ohashin & K.Ohashi         | T  | Leaves for making eating plates |
| 136                  | <i>Indigofera linifolia</i> (L.f.) Retz.                 | H  |                                 |
| 137                  | <i>Mimosa pudica</i> L.                                  | H  |                                 |
| 138                  | <i>Neonotonia wightii</i> (Wight & Arn.) J.A.Lackey      | S  |                                 |
| 139                  | <i>Phyllodium pulchellum</i> (L.) Desv.                  | S  |                                 |
| 140                  | <i>Pseudarthria viscida</i> (L.) Wight & Arn.            | T  |                                 |
| 141                  | <i>Pterocarpus marsupium</i> Roxb.                       | T  | wood                            |
| 142                  | <i>Rhynehosia minima</i> (L.) DC.                        | H  |                                 |
| 143                  | <i>Senna auriculata</i> (L.) Roxb.                       | S  | Ornamental                      |
| 144                  | <i>Senna fistula</i> L.                                  | H  |                                 |
| 145                  | <i>Senna hirsuta</i> (L.) H.S.Irwin & Barneby            | C  |                                 |
| 146                  | <i>Senna multiglandulosa</i> (Jacq.) H.S.Irwin & Barneby | H  |                                 |
| 147                  | <i>Senna tora</i> (L.) Roxb.                             | H  |                                 |
| 148                  | <i>Senna uniflora</i> (Mill.) H.S.Irwin & Barneby        | C  |                                 |
| 149                  | <i>Sesbania bispinosa</i> (Jacq.) W.F. Wight             | S  |                                 |
| 150                  | <i>Stylosanthes fruticosa</i> (Retz.) Alston             | H  |                                 |
| 151                  | <i>Stylosanthes</i> sp.                                  | H  |                                 |
| 152                  | <i>Tamarindus indica</i> L.                              | H  |                                 |
| 153                  | <i>Tephrosia pumila</i> (Lam.) Pers.                     | H  |                                 |
| 154                  | <i>Tephrosia purpurea</i> (L.) Pers.                     | T  |                                 |
| 155                  | <i>Vachellia nilotica</i> (L.) P.J.H. Hurter & Mabb.     | C  |                                 |
| 156                  | <i>Vigna vexillata</i> (L.) A.Rich                       | H  |                                 |
| 157                  | <i>Xylia xylocarpa</i> (Roxb.) W.Theob.                  | H  | Medicinal                       |
| 158                  | <i>Zornia gibbosa</i> Span.                              | T  | Firewood                        |
| <b>GENTIANACEAE</b>  |                                                          |    |                                 |
| 159                  | <i>Canscora diffusa</i> (Vahl) R. Br. ex Roem & Schult   | H  |                                 |
| <b>HYPOXIDACEAE</b>  |                                                          |    |                                 |
| 160                  | <i>Curculigo orchioides</i> Gaertn.                      | H  | Medicinal                       |
| <b>LAMIACEAE</b>     |                                                          |    |                                 |
| 161                  | <i>Coleus barbatus</i> (Andrews) Benth. ex G. Don        | H  | Medicinal                       |
| 162                  | <i>Gmelina arbores</i> Roxb. ex Sm.                      | H  | Ornamental                      |
| 163                  | <i>Leonotis nepetifolia</i> (L.) R. Br.                  | H  |                                 |
| 164                  | <i>Leucas angustissima</i> Sedgw                         | H  | Medicinal                       |
| 165                  | <i>Leucas aspera</i> (Willd.) Link                       | US |                                 |
| 166                  | <i>Mesosphaerum suaveolens</i> (L.) Kuntze               | S  | Medicinal                       |
| 167                  | <i>Rotheca serrata</i> (L.) Steane & Mabb.               | T  | Medicinal                       |
| <b>LECYTHIDACEAE</b> |                                                          |    |                                 |
| 168                  | <i>Careya arborea</i> Roxb.                              | T  | Good fiber                      |
| <b>LINACEAE</b>      |                                                          |    |                                 |
| 169                  | <i>Linum mysorense</i> Heyne ex Benth.                   | H  |                                 |
| <b>LINDERNIACEAE</b> |                                                          |    |                                 |
| 170                  | <i>Bonnaya antipoda</i> (L.) Druce                       | H  |                                 |
| <b>LYTHRACEAE</b>    |                                                          |    |                                 |
| 171                  | <i>Lagerstroemia parviflora</i> Roxb.                    | T  | Fuelwood                        |
| <b>MALPIGHIACEAE</b> |                                                          |    |                                 |
| 172                  | <i>Aspidopterys cordata</i> (Heyne ex Wall.) A. Juss.    | C  | Medicinal                       |

|                       |                                                                 |    |                        |
|-----------------------|-----------------------------------------------------------------|----|------------------------|
| <b>MALVACEAE</b>      |                                                                 |    |                        |
| 173                   | <i>Abutilon indicum</i> (L.) Sweet                              | T  |                        |
| 174                   | <i>Abutilon ramosus</i> (Cav.) Guill. & Perr.                   | S  |                        |
| 175                   | <i>Bombax ceiba</i> L.                                          | S  | Medicinal              |
| 176                   | <i>Grewia abutifolia</i> Vent. ex Juss.                         | H  |                        |
| 177                   | <i>Grewia guazumifolia</i> Juss                                 | H  |                        |
| 178                   | <i>Grewia hirsuta</i> Vahl                                      | H  |                        |
| 179                   | <i>Grewia serratus</i> DC.                                      | H  |                        |
| 180                   | <i>Grewia tilifolia</i> Vahl                                    | H  |                        |
| 181                   | <i>Grewia villosa</i> Willd.                                    | H  | Medicinal              |
| 182                   | <i>Helicteres isora</i> L.                                      | H  |                        |
| 183                   | <i>Hibiscus lobatus</i> (Murray) Kuntze                         | H  |                        |
| 184                   | <i>Hibiscus ovalifolius</i> (Forsk.) Vahl.                      | S  |                        |
| 185                   | <i>Malvastrum coromandelianum</i> (L.) Garcke                   | H  |                        |
| 186                   | <i>Melochia corchorifolia</i> L.                                | S  | Medicinal              |
| 187                   | <i>Pavonia zeylanica</i> (L.) Cav.                              | H  |                        |
| 188                   | <i>Sida acuta</i> Burm.f.                                       | H  |                        |
| 189                   | <i>Sida cordata</i> (Burm.f.) Borss.Waalk                       | S  | Fiber                  |
| 190                   | <i>Sida rhombifolia</i> L.                                      | S  |                        |
| 191                   | <i>Sida spinosa</i> L.                                          | T  |                        |
| 192                   | <i>Theprousea purpurea</i> (L.) Pers                            | S  |                        |
| 193                   | <i>Triumfetta rhomboidea</i> Jacq.                              | S  | Fiber                  |
| 194                   | <i>Urena lobata</i> L.                                          | S  |                        |
| 195                   | <i>Waltheria indica</i> L.                                      | US |                        |
| <b>MELIACEAE</b>      |                                                                 |    |                        |
| 196                   | <i>Azadirachta indica</i> A. Juss.                              | T  | Medicinal              |
| 197                   | <i>Cipadessa baccifera</i> (Roxb. Ex Roth) Miq                  | S  |                        |
| <b>MENISPERMACEAE</b> |                                                                 |    |                        |
| 198                   | <i>Cocculus hirsutus</i> (L.) Diels                             | C  | Medicinal              |
| 199                   | <i>Cyclea peltata</i> (Burm.f.) Hook. f. & Thomson              | C  | Cooling effect         |
| 200                   | <i>Tinospora cordifolia</i> (Willd.) Hook. f. & Thomson         | C  | Medicinal              |
| <b>MOLLUGINACEAE</b>  |                                                                 |    |                        |
| 201                   | <i>Trigastrotheca pentaphylla</i> (L.) Thulin                   | H  |                        |
| <b>MORACEAE</b>       |                                                                 |    |                        |
| 202                   | <i>Strables aspera</i> Lour.                                    | T  | Sacred tree            |
| <b>MYRTACEAE</b>      |                                                                 |    |                        |
| 203                   | <i>Syzygium cumini</i> (L.) Skeels                              | T  | Edible fruit           |
| <b>NYCTAGINACEAE</b>  |                                                                 |    |                        |
| 204                   | <i>Commicarpus chinensis</i> (L.) Heimerl                       | H  |                        |
| 205                   | <i>Commicarpus plumbagineus</i> (Cav.) Standl.                  | H  |                        |
| <b>OLEACEAE</b>       |                                                                 |    |                        |
| 206                   | <i>Jasminum grandiflorum</i> L.                                 | C  | Ornamental             |
| 207                   | <i>Jasminum marabaricum</i> Wight                               | C  | Medicinal              |
| <b>OPILIAEAE</b>      |                                                                 |    |                        |
| 208                   | <i>Cansjera rheedii</i> J.F.Gmel.                               | L  | Medicinal              |
| <b>ORCHIDACEAE</b>    |                                                                 |    |                        |
| 209                   | <i>Habenaria plantaginea</i> Lindl.                             | H  |                        |
| <b>OROBANCHACEAE</b>  |                                                                 |    |                        |
| 210                   | <i>Buchnera hispida</i> Buch.-Ham.ex D.Don                      | H  |                        |
| 211                   | <i>Parasopubia delphiniifolia</i> (L.) H.-P. Hofm. & Eb. Fisch. | H  | Oil, Medicinal         |
| 212                   | <i>Striga asiatica</i> (L.) Kuntze                              | C  |                        |
| 213                   | <i>Striga densiflora</i> (Benth.) Benth.                        | H  |                        |
| 214                   | <i>Striga Intea</i> Lour.                                       | H  |                        |
| <b>OXALIDIACEAE</b>   |                                                                 |    |                        |
| 215                   | <i>Oxalis corniculata</i> L.                                    | H  | Medicinal              |
| <b>PASSIFLORACEAE</b> |                                                                 |    |                        |
| 216                   | <i>Passiflora foetida</i> L.                                    | C  | Ornamental             |
| <b>PHYLLANTHACEAE</b> |                                                                 |    |                        |
| 217                   | <i>Antidesma ghaesembilla</i> Gaertn.                           | S  | Fruit edible/Medicinal |
| 218                   | <i>Bridelia stipularis</i> (L.) Blume                           | S  | Fruit edible           |
| 219                   | <i>Flueggea leucopyrus</i> Willd.                               | T  |                        |
| 220                   | <i>Glochidion ellipticum</i> Wight                              | S  |                        |
| 221                   | <i>Phyllanthus amarus</i> Schumach. & Thonn                     | H  | Medicinal              |
| 222                   | <i>Phyllanthus reticulatus</i> Poir.                            | S  | Medicinal              |

| <b>POACEAE</b>       |                                                                   |    |                            |
|----------------------|-------------------------------------------------------------------|----|----------------------------|
| 223                  | <i>Apluda mutica</i> L.                                           | H  |                            |
| 224                  | <i>Achrachne ramosa</i> (B. Heyne ex Roth) Ohwi                   | H  |                            |
| 225                  | <i>Aeluropus lagopoides</i> (L.) Thwaites                         | H  |                            |
| 226                  | <i>Andropogon pumilus</i> Roxb.                                   | H  |                            |
| 227                  | <i>Capillipedium filiculme</i> (Hook.f.) Stapf                    | H  |                            |
| 228                  | <i>Cenchrus pedicellatus</i> (Trin.) Morrone                      | H  |                            |
| 229                  | <i>Centotheca lappacea</i> (L.) Desv.                             | H  | Medicinal                  |
| 230                  | <i>Chloris quinquesetica</i> Bhide                                | H  |                            |
| 231                  | <i>Chrysopogon fulvus</i> (Spreng.) Chiov.                        | H  |                            |
| 232                  | <i>Dactylenium aegypticum</i> (L.) Willd.                         | H  |                            |
| 233                  | <i>Dicanthium annulatum</i> (Forssk.) Stapf                       | H  |                            |
| 234                  | <i>Dichanthium tuberculatum</i> (Hack.) Cope                      | H  | Fodder grass               |
| 235                  | <i>Digitaria ciliaris</i> (Retz.) Koeler                          | H  |                            |
| 236                  | <i>Dinebra chinensis</i> (L.) P. M. Peterson & N. Snow            | H  |                            |
| 237                  | <i>Eleusine indica</i> (L.) Gaertn.                               | H  | Oil                        |
| 238                  | <i>Enteropogon dolichostachyus</i> (Lag.) Keng                    | H  |                            |
| 239                  | <i>Eragrostiella bifaria</i> (Vahl) Bor                           | H  |                            |
| 240                  | <i>Eragrostis aspera</i> (Jacq.) Nees                             | H  |                            |
| 241                  | <i>Eragrostis unioides</i> (Retz.) Nees ex Steud.                 | H  | Fodder grass               |
| 242                  | <i>Hackelochloa granularis</i> (L.) Kuntze                        | H  |                            |
| 243                  | <i>Heteropogon contortus</i> (L.) P. Beauv. ex Roem. & Schult.    | H  |                            |
| 244                  | <i>Heteropogon triticeus</i> (R.Br.) Stapf ex Craib               | H  |                            |
| 245                  | <i>Melanocenchris jacquemontii</i> Jaub. & Spach                  | H  |                            |
| 246                  | <i>Microchloa indica</i> (L.f) P. Beauv.                          | H  |                            |
| 247                  | <i>Oplessiminus</i> sp,                                           | H  |                            |
| 248                  | <i>Oplismenus compositus</i> (L.) P. Beauv.                       | H  |                            |
| 249                  | <i>Oropetium</i> sp                                               | H  |                            |
| 250                  | <i>Pseudanthististiria heteroclite</i> (Roxb.) Hook.f.            | H  |                            |
| 251                  | <i>Setaria intermedia</i> Roem. & Schult.                         | H  |                            |
| 252                  | <i>Setaria pumila</i> (Poir.) Roem. & Schult.                     | H  |                            |
| 253                  | <i>Thelepogon elegans</i> Roth                                    | H  |                            |
| 254                  | <i>Themeda triandra</i> Forssk.                                   | H  |                            |
| <b>POLYGALACEAE</b>  |                                                                   |    |                            |
| 255                  | <i>Polygala arvensis</i> Willd.                                   | H  |                            |
| 256                  | <i>Polygala glaucoides</i> L.                                     | H  |                            |
| <b>PRIMULACEAE</b>   |                                                                   |    |                            |
| 257                  | <i>Embelia tsjeriam-cottam</i> (Roem. & Schult.) A.DC.            | S  | Medicinal                  |
| <b>RANUNCULACEAE</b> |                                                                   |    |                            |
| 258                  | <i>Clematis gouriana</i> Roxb. ex DC.                             | C  |                            |
| 259                  | <i>Clematis simplicifolia</i> Wall                                | C  |                            |
| <b>RHAMNACEAE</b>    |                                                                   |    |                            |
| 260                  | <i>Smythea bombaiensis</i> (Dalzell) S. P. Banerjee & P. K. Mukh. | C  |                            |
| 261                  | <i>Ventilago madraspatana</i> Gaertn.                             | L  |                            |
| 262                  | <i>Ziziphus mauritiana</i> Lam.                                   | T  |                            |
| 263                  | <i>Ziziphus oenophila</i> (L.) Mill.                              | L  | Edible fruit               |
| 264                  | <i>Ziziphus rugosa</i> Lam.                                       | T  | Edible fruit               |
| 265                  | <i>Ziziphus xylopyra</i> (Retz.) Willd.                           | T  | Edible fruit               |
| <b>RUBIACEAE</b>     |                                                                   |    |                            |
| 266                  | <i>Canthium coromandelicum</i> (Burm.f.) Alston                   | S  | Edible fruit               |
| 267                  | <i>Catunaregam spinosa</i> (Thunb.) Tirveng.                      | S  | Fruits used as fish poison |
| 268                  | <i>Edrastrima trinervia</i> (Retz.) Neupane & N.Wikstr.           | H  |                            |
| 269                  | <i>Ixora pavetta</i> Andrews                                      | H  |                            |
| 270                  | <i>Morinda pubescens</i> Sm.                                      | H  |                            |
| 271                  | <i>Oldenlandia corymbosa</i> L.                                   | T  |                            |
| 272                  | <i>Oldenlandia herbacea</i> (L.) Roxb.                            | T  |                            |
| 273                  | <i>Pavetta tomentosa</i> Roxb. ex Sm.                             | S  | Ornamental                 |
| 274                  | <i>Spermacoce articularis</i> L. f.                               | H  |                            |
| 275                  | <i>Terenna</i> sp.                                                | LS |                            |

| <b>RUTACEAE</b>       |                                                       |   |               |
|-----------------------|-------------------------------------------------------|---|---------------|
| 276                   | <i>Aegle marmelos</i> (L.) Correa                     | T |               |
| 277                   | <i>Chloroxylon swietenia</i> DC.                      | T | Wood          |
| <b>SALICACEAE</b>     |                                                       |   |               |
| 278                   | <i>Casearia tomentosa</i> Roxb.                       | T | Medicinal     |
| 279                   | <i>Flacourtia indica</i> (Burm.f.) Merr.              | T | Edible fruits |
| <b>SANTALACEAE</b>    |                                                       |   |               |
| 280                   | <i>Santalum album</i> L.                              | T | Wood          |
| 281                   | <i>Osyris lanceolata</i> Hochst. & Steud.             | T |               |
| <b>SAPINDACEAE</b>    |                                                       |   |               |
| 282                   | <i>Allophylus cobbe</i> (L.) Forsyth f.               | S | Medicinal     |
| 283                   | <i>Dodonea viscosa</i> Jacq.                          | S |               |
| 284                   | <i>Sapindus emarginatus</i> Vahl                      | T |               |
| <b>SMILACACEAE</b>    |                                                       |   |               |
| 285                   | <i>Smilax zeylanica</i> L.                            | C | Toothache     |
| <b>SOLANACEAE</b>     |                                                       |   |               |
| 286                   | <i>Nicandra physalodes</i> (L.) Gaertn.               | S |               |
| 287                   | <i>Solanum nigrum</i> L.                              | H | Medicinal     |
| 288                   | <i>Solanum seaforthianum</i> Andrews                  | C |               |
| 289                   | <i>Solanum varginianum</i> L.                         | S | Medicinal     |
| <b>THYMELEACEAE</b>   |                                                       |   |               |
| 290                   | <i>Lasiosiphon glaucus</i> Fresen.                    | S | Insecticide   |
| <b>ULMACEAE</b>       |                                                       |   |               |
| 291                   | <i>Holoptelia integrifolia</i> (Roxb.) Planch.        | C |               |
| <b>VERBENACEAE</b>    |                                                       |   |               |
| 292                   | <i>Lantana camara</i> L.                              | S | Ornamental    |
| 293                   | <i>Phyla nodiflora</i> (L.) Greene                    | T | Timber        |
| 294                   | <i>Stachytarpheta jamaicensis</i> (L.) Vahl           | H |               |
| 295                   | <i>Tectona grandis</i> L.f.                           | H |               |
| <b>VITACEAE</b>       |                                                       |   |               |
| 296                   | <i>Ampelocissus indica</i> (L.) Planch.               | C |               |
| 297                   | <i>Ampelocissus tomentosa</i> (Roth) Planch.          | C |               |
| 298                   | <i>Cissus repanda</i> (Wight & Arn.) Vahl             | C |               |
| 299                   | <i>Cissus vitigenia</i> L.                            | C |               |
| 300                   | <i>Cissus woodrowii</i> (T. Cooke) Santapau           | C |               |
| 301                   | <i>Rhoicissus tomentosa</i> (Lam.) Wild & R.B.Drumm.  | S |               |
| <b>ZINZIBERACEAE</b>  |                                                       |   |               |
| 302                   | <i>Curcuma karnatakensis</i> Amalraj, Velay. & Mural. | H |               |
| <b>ZYGOPHYLLACEAE</b> |                                                       |   |               |
| 303                   | <i>Balanites aegyptica</i> (L.) Del.                  | T | Medicinal     |
| 304                   | <i>Tribulus terrestris</i> L.                         | H | Medicinal     |

H: Herbs; T: Trees; S: Shrubs; C: Climbers; US: Undershrub; LS: Large shrub, L: Liana.

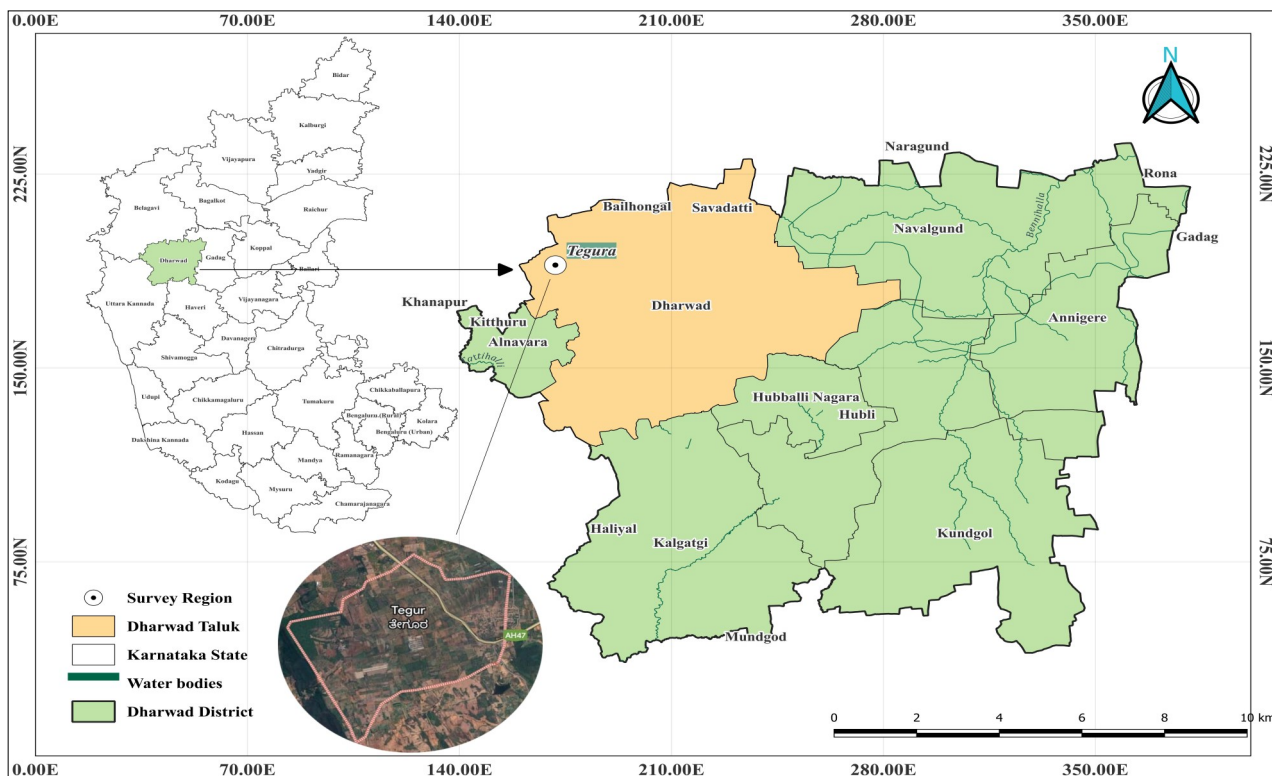


**Fig. 1.** Study area district showing Tegur village, Dharwad district, Karnataka (Source: QGIS 7.0 version and satellite mapping).

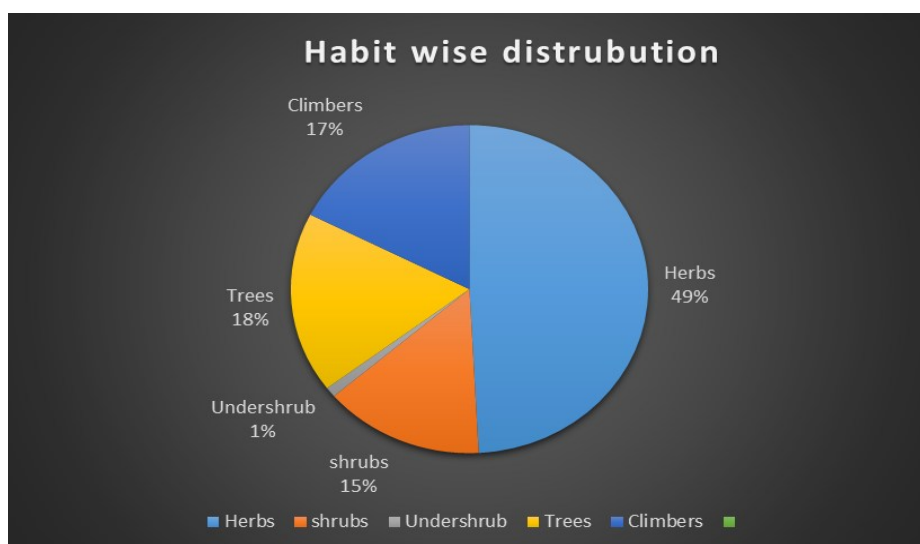


**Fig. 2.** Habit wise distribution at Tegur village, Dharwad district, Karnataka.

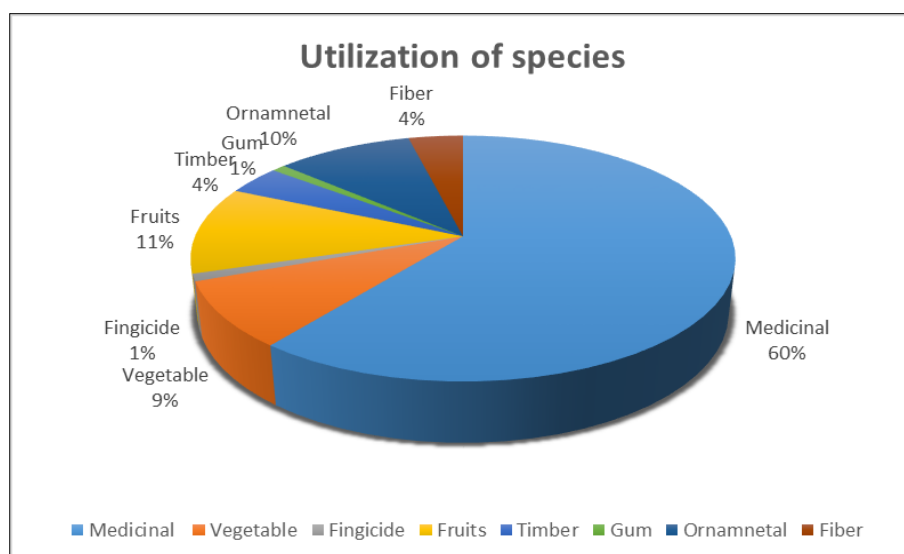


**Fig. 3.** Uses of species at Tegur village, Dharwad district, Karnataka.

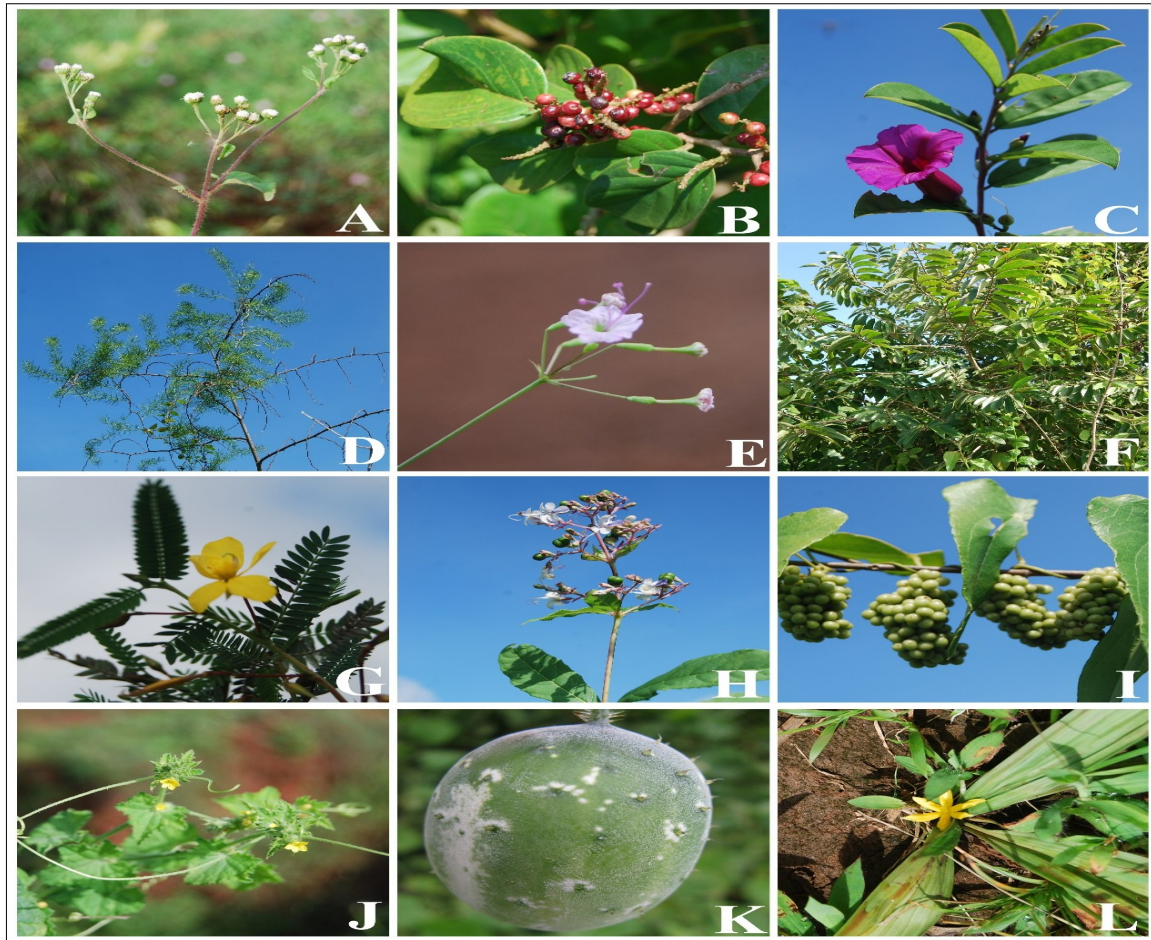


**Fig. 4.** A: *Ageratum conyzoides* L.; B: *Antidesma ghaesembilla* Gaertn.; C: *Argyreia cuneata* (Willd.) Ker Gawl.; D: *Asparagus racemosus* Willd.; E: *Commicarpus chinensis* (L.) Heimerl; F: *Casearia elliptica* Willd.; G: *Chamaecrista mimosoides* (L.) Greene; H: *Clerodendrum serratum* (L.) Moon (*Rotheca serrata* (L.) Steane & Mabb.); I: *Cocculus hirsutus* (L.) Diels; J: *Cucumis leiospermus* (Wight & Arn.) Ghebret. & Thulin; K: *Cucumis prophetarum* L.; L: *Curculigo orchoides* Gaertn.

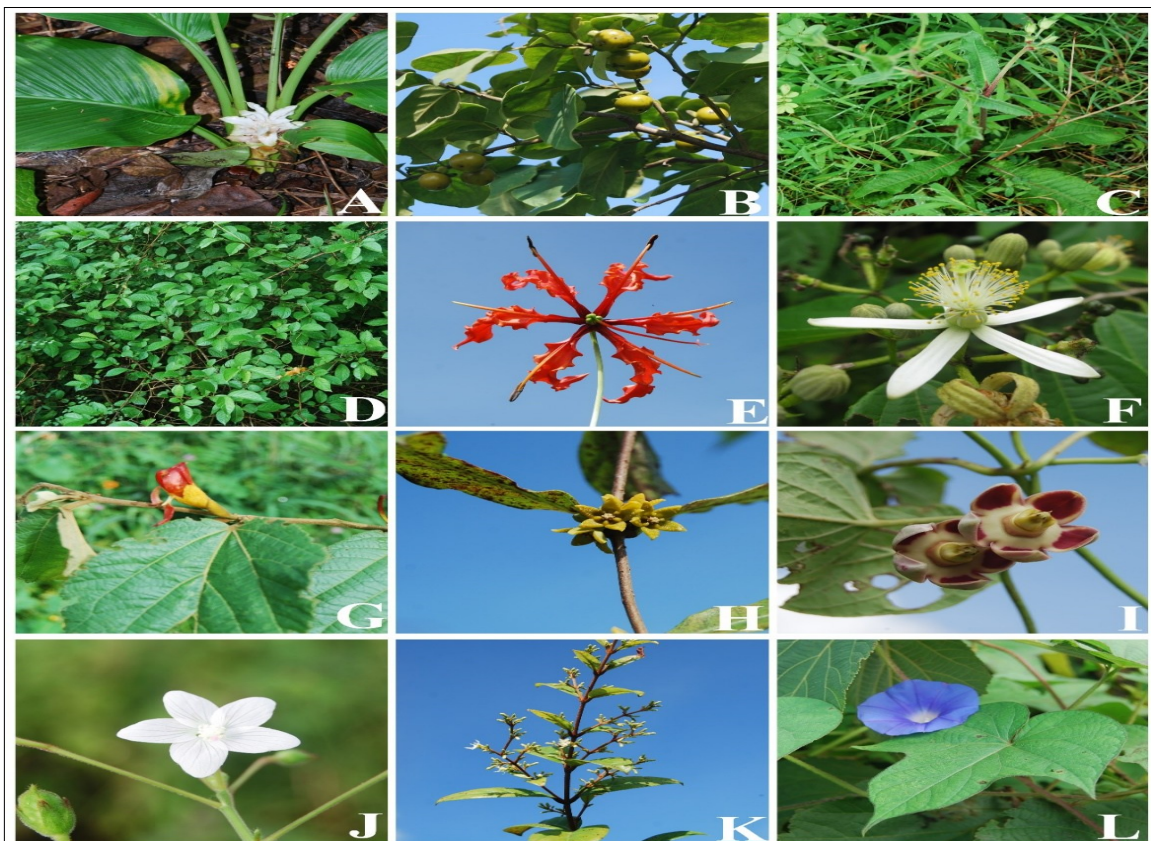


**Fig. 5.** A: *Curcuma karnatakensis* Amalraj, Velay. & Mural; B: *Diospyros montona* Roxb.; C: *Elephantopus scaber* L.; D: *Embelia tsjeriam-cottam* (Roemer & Schultes) DC.; E: *Gloriosa superba* L.; F: *Grewia glabra* Blume; G: *Helicteres isora* L.; H: *Hemidesmus indicus* (L.) R.Br.; I: *Holostemma ada-kodien* Schult.; J: *Hibiscus lobatus* (Murray) Kuntze; K: *Ichnocarpus frutescens* (L.) W.T.Aiton; L: *Ipomoea indica* (Burm.) Merr.

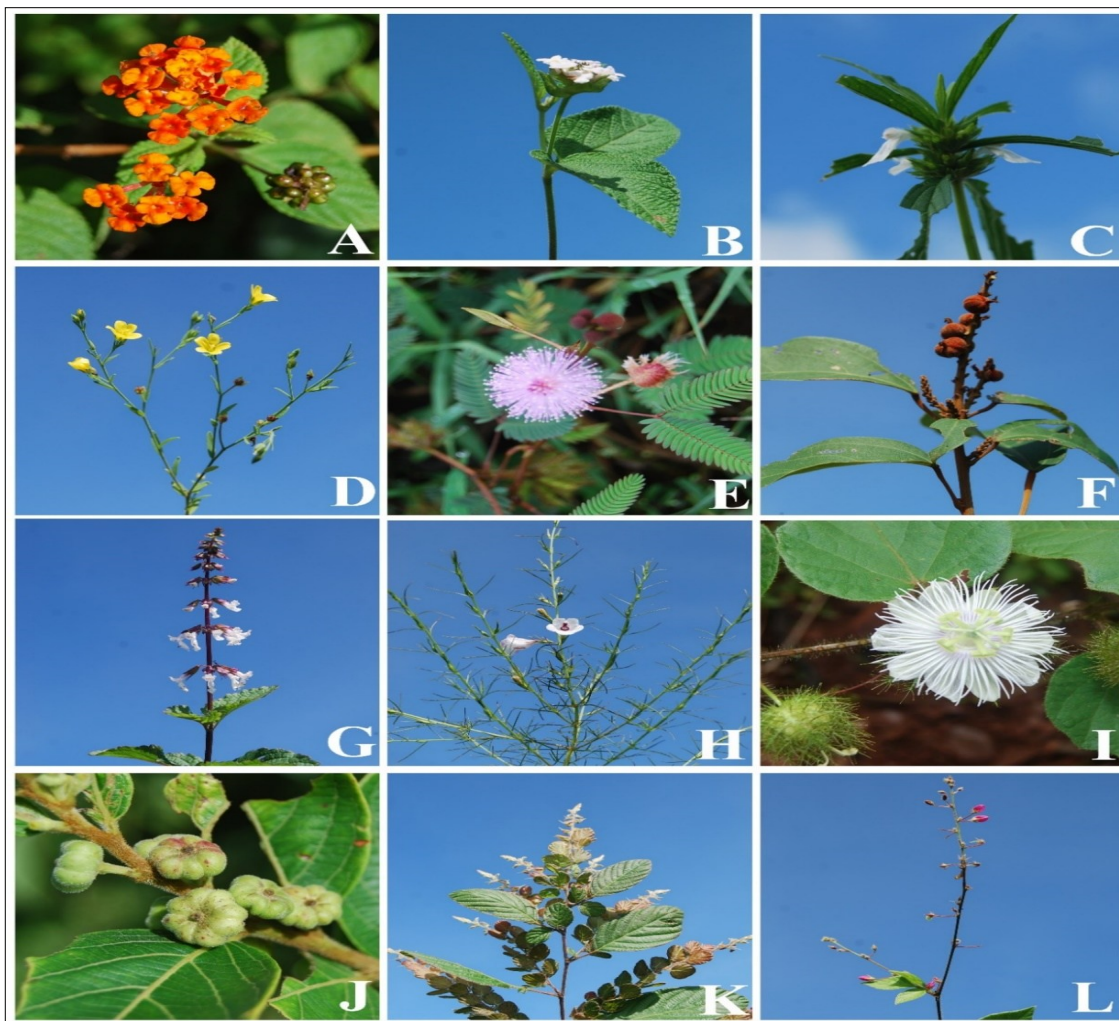


**Fig. 6.** A: *Lantana camara* L.; B: *Lantana indica* Roxb.; C: *Leucas aspera* (Willd.) Link.; D: *Linum mysorense* Heyne ex Benth.; E: *Mimosa pudica* L.; F: *Mallotus philippensis* (Lam.) Mull.Arg.; G: *Orthosiphon thymiflorus* (Roth) Sleesen; H: *Parasopubia delphiniifolia* (L.) H.-P.Hofm. & Eb.Fisch.; I: *Passiflora foetida* L.; J: *Glochidion ellipticum* Wight; K: *Phyllodium pulchellum* (L.) Desv.; L: *Pseudarthria viscida* (L.) Wight & Arn.

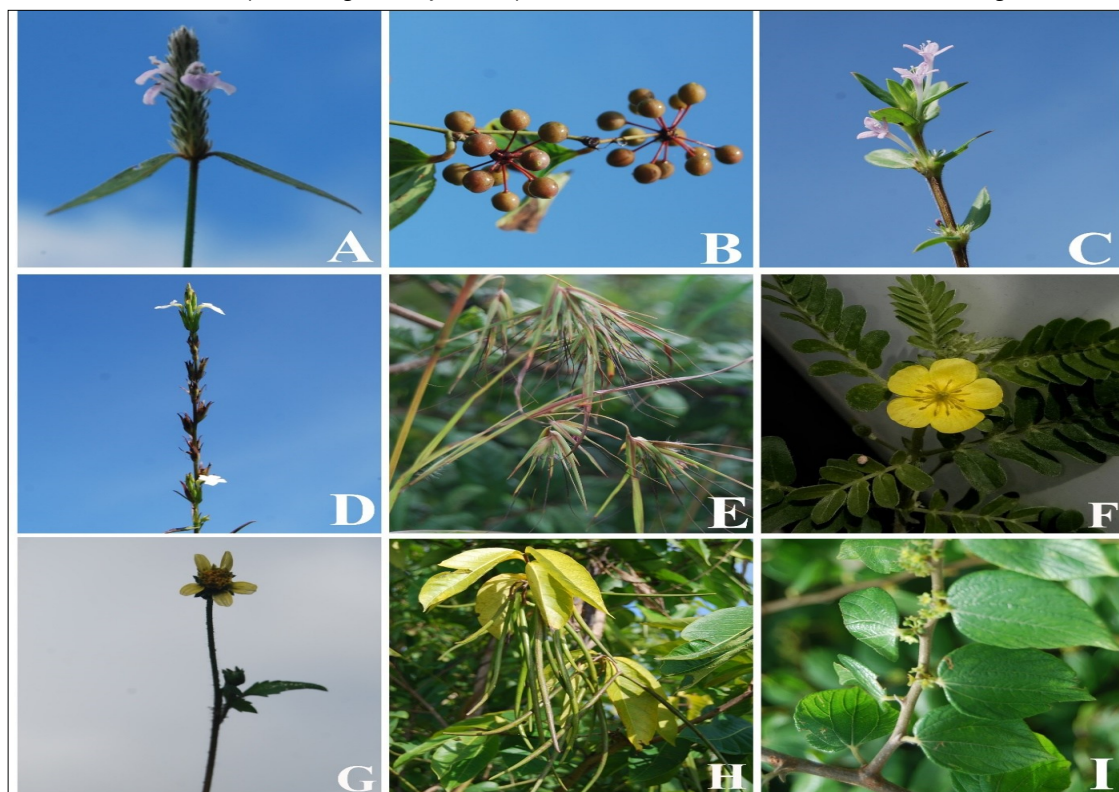


**Fig. 7.** A: *Rostellularia procumbens* (L.) Nees; B: *Smilax zeylanica* L.; C: *Spermacoce articularis* L.f.; D: *Striga densiflora* (Benth.) Benth.; E: *Themeda triandra* Forssk.; F: *Tribulus terrestris* L.; G: *Bidens biternata* (Lour.) Merr. & Sherff; H: *Wrightia tinctoria* (Roxb.) R.Br.; I: *Ziziphus oenophila* (L.) Mill.

## Compliance with ethical standards

**Conflict of interest:** Authors do not have any conflict of interest to declare.

**Ethical issues:** None

## References

- Antonelli A, Govaerts R, Lughadha E, Renske E, Smith RJ, Zizka A. Why plant diversity and distribution matters. *Glob Plant Divers Distrib*. 2023;240(4):1331–6. <https://doi.org/10.1111/nph.19282>
- Ragvendra R, Jain SK. A handbook of field and herbarium methods. New Delhi: Scholarly Publications; 1976.
- Saldanha CJ. Flora of Karnataka. Vol 1. New Delhi: Oxford & IBH Publishing Co Pvt Ltd; 1984.
- Saldanha CJ. Flora of Karnataka. Vol 2. New Delhi: Oxford & IBH Publishing Co Pvt Ltd; 1996.
- Sharma BD, Singh NP, Raghavan RS, Deshapande UR. Flora of Karnataka analysis. Calcutta: Botanical Survey of India; 1984.
- Singh NP. Flora of Eastern Karnataka. Vol 1-2. New Delhi: Mittal Publications; 1988
- Seetharam YN, Kotresh K, Uploankar SB. Flora of Gulbarga district. Gulbarga: Gulbarga University; 2000.
- Punekar S, Laxminarashimhan P. Flora of Anshi National Park, Western Ghats, Karnataka. Pune: Botanical Survey of India; 2011.
- Kotresha K, Kambhar SV. Flora of Gadag District, Karnataka. Saarbrücken: Lambert Academic Publishing; 2016.
- Seetharam YN, Kotresha K, Haleshi C, Vijay D, Rajanna L. Flora of Bidar District, Karnataka. Bengaluru: VrikshaVijnan Pvt Ltd; 2018
- Yoganarsimhan SN, Ramesh SR, Gurudev MR. Flora of Kolar District. Bengaluru: Divyachandra Prakashana; 2018.
- Sanjappa M, Sringeshwara AN. Flora of Karnataka: gymnosperms and angiosperms. Bengaluru: Karnataka Biodiversity Board; 2019.
- Varsha KS. Studies on phyto diversity of Mallikarjun Hill Adi: a sacred grove in Karnataka, India. *Plant Arch*. 2022;22(2):437-43. <https://doi.org/10.51470/PLANTARCHIVES.2022.v22.no2.079>
- Yelavattimath GP, Kotresh K. Phytodiversity studies in Sriramatirth sacred groves, Halasi, Khanapur Taluk, Belagavi District, Karnataka. *Life Sci Leaflet*. 2018;670-83.
- Shreyas B, Kotresha K. Checklist of wild orchids at Sharavathi Valley Lion Tailed Macaque Sanctuary in central Western Ghats, Karnataka, India. *Richardiana*. 2024;8:85-136.
- Patil S, Shreyas B, Vanaja GP, Kotresha K. Diversity of angiosperms at Machigad Fort, Halashi, Khanapur, Belagavi, India. *Asian J Res Bot*. 2025;8(1):45-63. <https://doi.org/10.9734/ajrib/2025/v8i1241>
- Shreyas B, Savadi V. Checklist and diversity of wild orchids at Koppa Taluk, Chikkamagaluru District, Karnataka, in the Western Ghats. *Asian J Res Bot*. 2025;8(1):271-88. <https://doi.org/10.9734/ajrib/2025/v8i1262>
- Rakshitha BK, Betageri S, Vanaja GP, Kotresha K. Estimation of tree biomass and carbon density of tropical moist deciduous forest in semi-arid regions of Katriddadi Hillock, Belagavi, Karnataka. *Indian J Ecol*. 2025;52(2):300-5.
- Makanur SN, Laxmi IP, Mirashi MM, Vanaja GP, Beatgeri S, Kotresha K. Comparative account and diversity of lower and higher plants in two lakes of Haliyal Taluk, Uttara Kannada District, Karnataka. *Species*. 2024;25:1-18. <https://doi.org/10.54905/diss.v25i75.e20s1655>
- E-Krishi. Facilitated by University of Agricultural Sciences, Bangalore. <https://e-krishiuasb.karnataka.gov.in>
- Forest ecosystem: forest types of India. New Delhi: Government of India
- Dharwad District Gazetteer. Bengaluru: Karnataka Gazetteer Department
- Cooke T. Flora of the Presidency of Bombay. Vol 1-3. Calcutta: Botanical Survey of India; 1906.
- Gamble JS, Fischer CEC. Flora of the Presidency of Madras. Vol 3. London: Secretary of State for India in Council; 1928.
- Saldanha CJ, Nicolson DH. Flora of Hassan District, Karnataka. New Delhi: Amerind Publishing Co Pvt Ltd; 1976.
- Bhat KG. Flora of Udupi District. Udupi: Indian Naturalist, Inchara, Chitpady; 2003.
- Bhat KG. Flora of South Kanara: Dakshina Kannada and Udupi Districts of Karnataka. Udupi: Taxonomy Research Centre, Chitpady; 2014.
- Indian Biodiversity Portal. Bengaluru: Indian Biodiversity Portal. <https://indiabiodiversity.org>
- Plants of the World Online. Richmond: Royal Botanic Gardens, Kew. <https://powo.science.kew.org>
- Nagabhushan SH, Kotresha K. Wild medicinal plants of Kappat Hills, Gadag District, Karnataka. *Res Rev Biomed Biotechnol*. 2010;1(2):111-8.
- Prashanth Kumar GM, Shiddamallayya N. Survey of wild medicinal plants of Hassan District, Karnataka. *J Med Plants Stud*. 2015;4(1):91–102.
- Gowamma B, Kyagavi G, Karibasamma H, Ramanjinaiah KM. Medicinal and aromatic plants. *Med Aromat Plants*. 2020;9(3):348.
- Botanical Survey of India. Medicinal plant database. Kolkata: Botanical Survey of India. <https://share.google/2NSpARg75bATJ5f>

## Additional information

**Peer review:** Publisher thanks Sectional Editor and the other anonymous reviewers for their contribution to the peer review of this work.

**Reprints & permissions information** is available at [https://horizonpublishing.com/journals/index.php/PST/open\\_access\\_policy](https://horizonpublishing.com/journals/index.php/PST/open_access_policy)

**Publisher's Note:** Horizon e-Publishing Group remains neutral with regard to jurisdictional claims in published maps and institutional affiliations.

**Indexing:** Plant Science Today, published by Horizon e-Publishing Group, is covered by Scopus, Web of Science, BIOSIS Previews, Clarivate Analytics, NAAS, UGC Care, etc See [https://horizonpublishing.com/journals/index.php/PST/indexing\\_abstracting](https://horizonpublishing.com/journals/index.php/PST/indexing_abstracting)

**Copyright:** © The Author(s). This is an open-access article distributed under the terms of the Creative Commons Attribution License, which permits unrestricted use, distribution and reproduction in any medium, provided the original author and source are credited (<https://creativecommons.org/licenses/by/4.0/>)

**Publisher information:** Plant Science Today is published by HORIZON e-Publishing Group with support from Empirion Publishers Private Limited, Thiruvananthapuram, India.