

# **BIODIVERSITY OF MANGALORE UNIVERSITY CAMPUS MANGALAGANGOTTHRI**



**2018**



**MANGALORE  
UNIVERSITY**

# **BIODIVERSITY OF MANGALORE UNIVERSITY CAMPUS, MANGALAGANGOTTHRI**

## **Chief Editors:**

**Dr. Prashantha Naik, Dept of Biosciences**

**Prof. Raju Krishna Chalannavar, Dept of Applied  
Botany Dr. M. S. Mustak, Dept of Applied Zoology**

**Dr. Shamaprasad V. R., Dept of Applied Zoology**

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Dr. M Chandra

Prof. K Byrappa

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Mr. Nithish P

Mr. Chandrashekhar M B





## **FOREWORD**

*It is my great pleasure to bring out a documentary book titled Biodiversity of Mangalore University Campus, Mangalagangothri. In fact, it was one of my dream projects while taking charge as Vice Chancellor of Mangalore University on June 5, 2014. Coincidentally, that day is celebrated as the World Environment Day. Before assuming the Vice Chancellor's position, I was a regular visitor to this campus for the last 25 years on numerous official occasions. Every time I visited the campus, I was fascinated to see the campus profusely blessed by Mother Nature. Further, I have seen interesting animals such as peacocks, porcupine, cobra, python, pit viper, snails, diverse class of butterflies, moths and other insects, spiders, a wide variety of birds, and much more. I learnt that there were only a few studies on certain aspects of the campus biodiversity available in the form of reports, research publications, dissertations and theses. However, a comprehensive document comprising of all floral and faunal diversity was not available.*

*Mangalore University is said to be 'University with a Difference'. The epicentre of the University is Mangalagangothri campus, the head-quarters of the university, surrounded by beautiful lush green environment. The natural greenery of the campus strikes the eye of every visitor. It is not just matter of beauty of the campus, as a part of the Western Ghats, a biological hotspot of the world that harbours many endemic species. In addition, there must be many endangered, threatened and rare species, which need to be given special priority for their conservation.*

*In the current scenario of fast paced development, it is indeed essential that this biodiversity be documented with a sense of urgency. Mangalore University, with special reference to Mangalagangothri Campus, is also developing in a sustainable manner to meet the demands of academic, cultural, sports and extension activities. Mangalore being the second biggest city of Karnataka, voluminous developmental activities are underway in terms of becoming a smart city, and Special Economic Zone (SEZ) that extends towards Mangalagangothri campus as well.*

*Therefore, it is essential to document the biodiversity in and around the campus with an eye on its preservation. Mangalagangothri and its surrounding regions are enriched with diversified habitats, including streams, ponds, hills, waterfalls, wetland, forest land, and rocky regions. Further, the campus also has a botanical garden and arboretum maintaining many medicinal plants. These have to be conserved. Conservation of biodiversity has been given priority all over the world owing to alarming disappearance of flora and fauna from the face of the earth due to deforestation, urbanization, and environmental pollution. An important part of conservation is the documentation of species.*

*I am delighted that a comprehensive documentation of the campus biodiversity has been taken up with the support of all my colleagues, mainly from the Life Science departments. I am not of the opinion that this is a complete report of our campus biodiversity. However, I am proud to say that it will serve as strong baseline data / foundation to explore further and build upon in the coming years. Now and then check listing the species of flora and fauna based on the baseline data always would provide scientific insights into the dwindling/variation of species diversity. Having successfully completed the documentation of the campus biodiversity in the first phase, I anticipate bringing out a documentation of the biodiversity of the area that comes*

*under Mangalore University jurisdiction, i.e., Dakshina Kannada, Kodagu and Udupi districts, in the next phase.*

*With positive hope that in the coming days much more extensive work in documentation of biodiversity on the campus and in the Mangalore University jurisdictional area will be taken up, I wholeheartedly present this book to the present and future generations.*

Mangalagangothri  
24.05.2018

**K. BYRAPPA**  
**Vice Chancellor**

## ACKNOWLEDGEMENTS

The documentation of Biodiversity of Mangalore University Campus, Mangalagangothri, brought out in the form of book and E-version, is a result of support and contributions of many people.

First and far most, we thank with a deep sense of gratitude to our Hon'ble Vice Chancellor, Prof. K. Byrappa for having given us the opportunity and constant support from the day one when he has taken the charge. In fact, it is his dream project, documentation of biodiversity of Mangalore University campus, Mangalagangothri.

We would like to place on record our heartfelt thanks to Prof. B S Nagendra Prakash, Registrar, Mangalore University for the encouragements and administrative support for materializing this task.

We are very grateful to those faculty members who have graciously consented to contribute the data of species diversity studied in the campus, to this endeavour. Prof. Rajashekhar K Patil, Prof. K R Sridhar, Late Prof. K K Vijayalaxmi, Prof. K Bhashakar Shenoy, Prof. Sreepada K S, Prof. K M Balakrishna, Prof. Vijaya Mala Nair (Rtd Professor of Applied Zoology) and their students. Various species of flora and fauna with the original photographs recorded in this documentation are based on research findings of faculty members, research scholars, post-graduate students and nature watchers.

We are very thankful to Prof. Ravishankar Rao, Department of English, Mangalore University for his help during the preparation of the manuscript and Prof. H L Shashirekha, Coordinator, Mangalore University website for the technical support.

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We are pleased to acknowledge the research scholars Mr. Manohara Acharya, Ms. Sowmyashree K, Ms. Supriya S, Ms. Nityasree B R, Mr. Deepak



Kasai, Mr. Anand Nasalapure, Mr. Divakar M S, Mr. Harish Kumar and Mr. J Brijesh Rao of Post Graduate students of Life sciences. We specially thank Mr. Jaykumar, Mr. Kempramu, Mr. Taranath and Mr. Tanoj for their cooperation.

We extend our thanks to Prof. A M Khan - Registrar (Evaluation), Dr. Dayanada Naik - Finance Officer, Prof. B H Shekhar - Special Officer (Administration), Prof. Ravindrachary - P M E B Director for their valuable suggestions and cooperation during the documentation work.

Finally, on behalf of all the members of editorial committee, we would like to acknowledge the support of all other faculty members, Guest lecturers, Research scholars, P.G. students and Non-teaching staffs of Mangalore University for making the Documentation of Biodiversity of Mangalore University, Mangalagangothri campus a successful one.

***Prashantha Naik***  
***Raju Krishna Chalannavar***  
***M S Mustak***  
***Shamprasad V R***

# CONTRIBUTORS



**Prof. K R Sridhar, Adjunct Professor, Department of Biosciences, Mangalore University, Mangalagangothri 574 199.**



**Late Prof. K K Vijayalaxmi, Professor (Rtd). Dept of Applied Zoology, Mangalore University, Mangalagangothri 574 199.**



**Dr. Prashantha Naik, Department of Biosciences, Mangalore University, Mangalagangothri, 574 199.**



**Prof. Raju Krishna Chalannavar, Department of Applied Botany, Mangalore University, Mangalagangothri, 574 199.**



**Prof. Rajashekhar K Patil, Department of Applied Zoology, Mangalore University, Mangalagangothri, 574 199.**



**Dr. Vijayamala Nair (Rtd Professor), Department of Applied Zoology, Mangalore University, Mangalagangothri 574 199.**



**Prof. Sreepada K S, Department of Applied Zoology, Mangalore University, Mangalagangothri 574 199.**



**Prof. K Bhasker Shenoy, Department of Applied Zoology, Mangalore University, Mangalagangothri 574 199.**



**Mr. Narasimhaiah N, Department of Applied Zoology, Mangalore University, Mangalagangothri 574 199.**



**Dr. M S Mustak, Department of Applied Zoology, Mangalore University, Mangalagangothri 574 199.**



**Dr. Sharath Chandra K, Lecturer, Department of Studies in Biosciences, Mangalore University, Mangalagangothri 574 199.**



**Dr. Shamprasad Varija Raghu, Ramalingaswami Fellow (DBT), Neurogenetics Lab, Department of Applied Zoology, Mangalore University, Mangalagangothri 574 199.**



**Mr. Vineeth Kumar, Research Scholar, Department of Applied Zoology, Mangalore University, Mangalagangothri 574 199.**



**Mr. Nithish P, Photographer and Guest Faculty, Department of Mass Communication and Journalism, Mangalore University, Mangalagangothri 574 199.**



**Dr. Sanjeeva Nayaka, Principal Scientist & Associate Professor (AcSIR), Lichenology Laboratory, Plant Diversity, Systematics and Herbarium Division, CSIR-National Botanical Research Institute, Rana Pratap Marg, Lucknow 226 001.**



**Prof. K M Balakrishna, Department of Physics, Mangalore University, Mangalagangothri 574 199.**



**Dr. Santhosh Kumar K, Guest Faculty, Mangalore University College, Hampanakatta, Mangaluru 575 001.**

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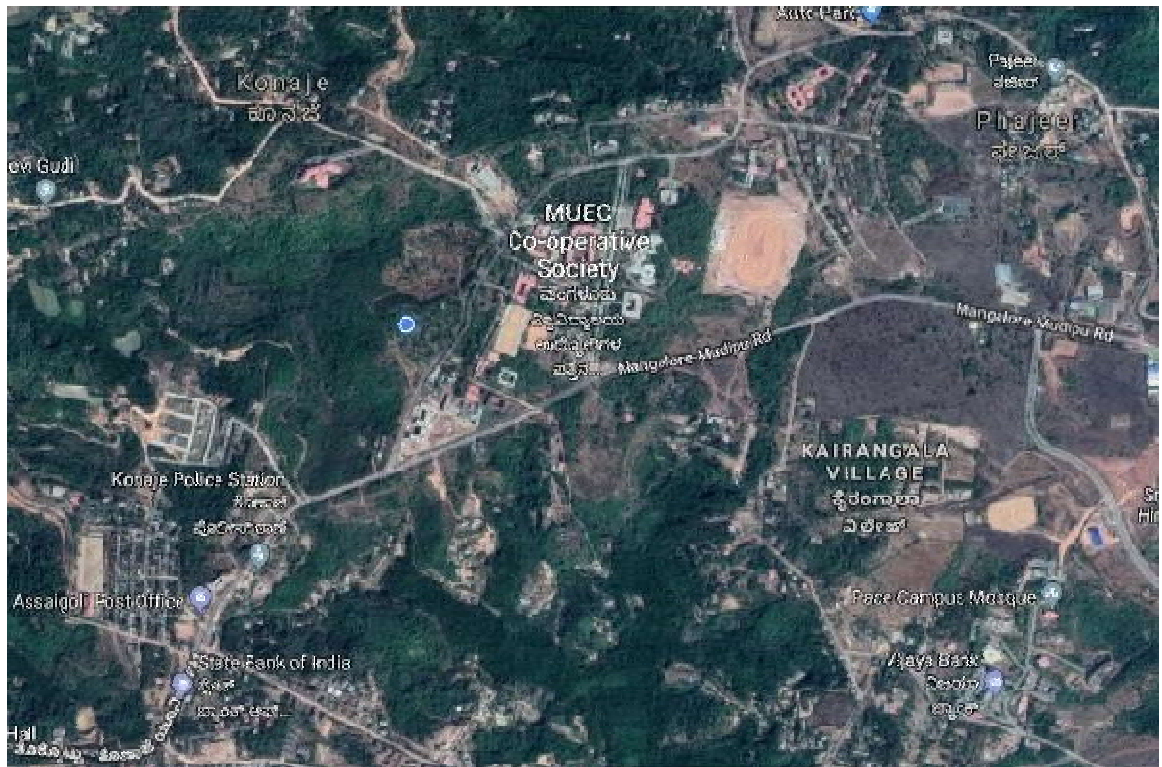
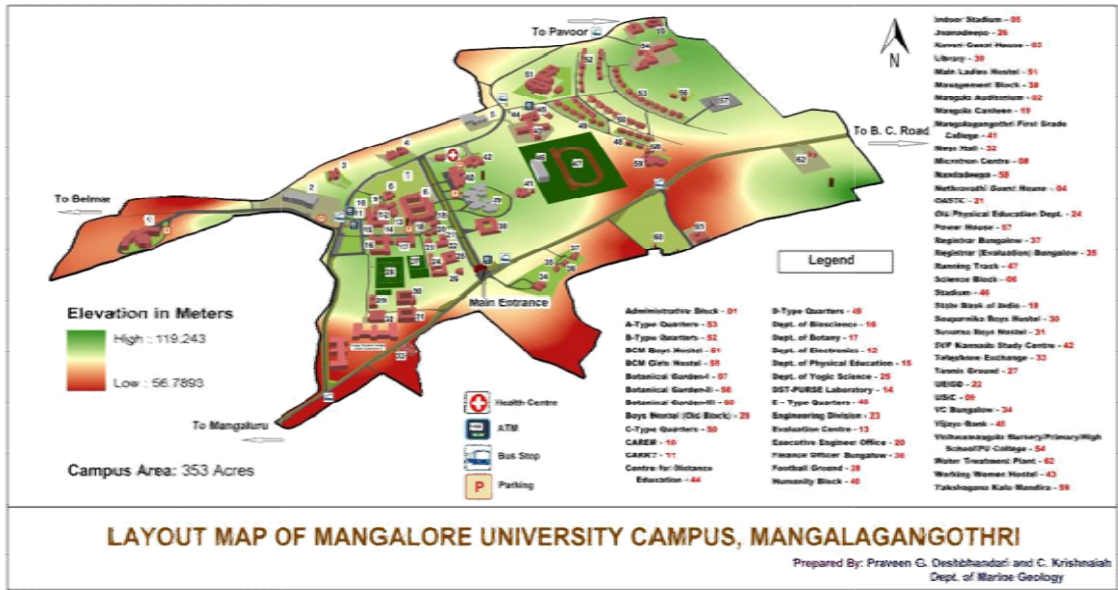
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## **About the Mangalore University Campus**

*Mangalore University campus at Mangalagangothri located about 20 km to the south-east of the historic coastal town of Mangalore, sets the tone for the educational endeavours of the three districts under the jurisdiction of the University. It is a picturesque campus that sprawls over 333 acres, overlooking the confluence of the river Nethravathi with the Arabian Sea on the one side, and the cloud-capped Western Ghats on the other (12°75'N and 74 ° 53'E; altitude 80m). Average temperature ranges from 20°C to 38°C. The vegetation found in this area mainly composed of naturally grown trees, shrubs such as Ficus, Alstonia, Terminalia, Ixora, Calotropis, etc. Cultivated plants, including cashew, mangoes, banana, coconut and areca are also there in and around the campus. In addition, some areas support monocultures like Acacia, Eucalyptus and Casuarinas planted under social forestry scheme. During monsoon and until the end of post-monsoon period, i.e., up to November, the large plain area in the campus is covered with tall grasses, which remain lush green until October and starts drying in November and December. Campus with diversified habitats also harbours variety insects, annelids, birds, snakes, snails so on and so forth.*

*The campus grew out of a modest post-graduate centre of the University of Mysore to become the focal point of an independent University in 1980. The campus, which once housed a mere three postgraduate departments, now has twenty-five postgraduate departments, supported by modern infrastructure and experienced faculty.*



**GOOGLE MAP SHOWING THE CAMPUS AREA**



# FLORA

# CYANOBACTERIA

## *Phormidium corium* Gomont



Kingdom : Eubacteria  
Phylum : Cyanobacteria  
Class : Cyanophyceae  
Subclass : Oscillatoriophycidae  
Order : Oscillatoriales  
Family : Oscillatoriaceae  
Genus : *Phormidium*  
Species : *P. corium*

Contribution by: Sharath Chandra K. and Gatha R. S.

## *Oscillatoria homogenea* Fremy



Kingdom : Eubacteria  
Phylum : Cyanobacteria  
Class : Cyanophyceae  
Subclass : Oscillatoriophycidae  
Order : Oscillatoriales  
Family : Oscillatoriaceae  
Genus : *Oscillatoria*  
Species : *O. homogenea*

Contribution by: Sharath Chandra K. and Gatha R. S.



## ***Oscillatoria acuta* Bruhl & Biswas**



Kingdom : Eubacteria  
Phylum : Cyanobacteria  
Class : Cyanophyceae  
Subclass : Oscillatoriophycidae  
Order : Oscillatoriales  
Family : Oscillatoriaceae  
Genus : *Oscillatoria*  
Species : *O. acuta*

*Contribution by: Sharath Chandra K. and Gatha R. S.*

## ***Oscillatoria subbrevis* Schmidle**



Kingdom : Eubacteria  
Phylum : Cyanobacteria  
Class : Cyanophyceae  
Subclass : Oscillatoriophycidae  
Order : Oscillatoriales  
Family : Oscillatoriaceae  
Genus : *Oscillatoria*  
Species : *O. subbrevis*

*Contribution by: Sharath Chandra K. and Gatha R. S.*

## ***Oscillatoria pseudogeminata* Schmid**



Kingdom : Eubacteria  
Phylum : Cyanobacteria  
Class : Cyanophyceae  
Subclass : Oscillatoriophycidae  
Order : Oscillatoriales  
Family : Oscillatoriaceae  
Genus : *Oscillatoria*  
Species : *O. pseudogeminata*

Contribution by: Sharath Chandra K. and Gatha R. S.

## ***Myxosarcina spectabilis* Geitler**



Kingdom : Eubacteria  
Phylum : Cyanobacteria  
Class : Cyanophyceae  
Subclass : Oscillatoriophycidae  
Order : Pleurocapsales  
Family : Hyellaceae  
Genus : *Myxosarcina*  
Species : *M. spectabilis*

Contribution by: Sharath Chandra K. and Gatha R. S.

## ***Oscillatoria curviceps* Agardh ex Gomont**



Kingdom : Eubacteria  
Phylum : Cyanobacteria  
Class : Cyanophyceae  
Subclass : Oscillatoriophyceae  
Order : Oscillatoriales  
Family : Oscillatoriaceae  
Genus : *Oscillatoria*  
Species : *O. curviceps*

Contribution by: SharathChandra K. and Gatha R. S.

## ***Oscillatoria princeps* Vaucher**



Kingdom : Eubacteria  
Phylum : Cyanobacteria  
Class : Cyanophyceae  
Subclass : Oscillatoriophyceae  
Order : Oscillatoriales  
Family : Oscillatoriaceae  
Genus : *Oscillatoria*  
Species : *O. princeps*

Contribution by: SharathChandra K. and Gatha R. S.



## ***Leptolyngbya tenuis* (Gomont) Anagnostidis & Komarek**



Kingdom : Eubacteria  
Phylum : Cyanobacteria  
Class : Cyanophyceae  
Subclass : Synechococcophycidae  
Order : Synechococcales  
Family : Leptolyngbyaceae  
Genus : *Leptolyngbya*  
Species : *L. tenuis*

Contribution by: SharathChandra K. and Gatha R. S

## ***Oscillatoria chlorina* Kutzing ex Gomont**



Kingdom : Eubacteria  
Phylum : Cyanobacteria  
Class : Cyanophyceae  
Subclass : Oscillatoriophycidae  
Order : Oscillatoriales  
Family : Oscillatoriaceae  
Genus : *Oscillatoria*  
Species : *O. chlorina*

Contribution by: SharathChandra K. and Gatha R. S.



## Diatoms

### *Navicula cryptotenella* Lange-Bertalot



Kingdom : Chromista  
Phylum : Bacillariophyta  
Class : Bacillariophyceae  
Subclass : Bacillariophycidae  
Order : Naviculales  
Family : Naviculaceae  
Genus : *Navicula*  
Species : *N. cryptotenella*

Contribution by: SharathChandra K. and Gatha R. S.

### *Nitzschia thermalis* Auerswald



Kingdom : Chromista  
Phylum : Bacillariophyta  
Class : Bacillariophyceae  
Subclass : Bacillariophycidae  
Order : Bacillariales  
Family : Bacillariaceae  
Genus : *Nitzschia*  
Species : *N. thermalis*

Contribution by: SharathChandra K. and Gatha R. S.

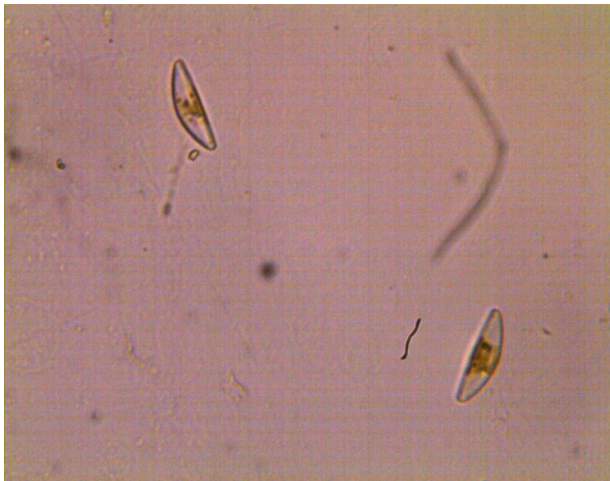
## ***Pinnularia subcapitata* W. Gregory**



Kingdom : Chromista  
Phylum : Bacillariophyta  
Class : Bacillariophyceae  
Subclass : Bacillariophycidae  
Order : Naviculales  
Suborder : Sellaphorineae  
Family : Pinnulariaceae  
Genus : *Pinnularia*  
Species : *P. subcapitata*

Contribution by: SharathChandra K. and Gatha R. S.

## ***Gomphonema hebridense* W. Gregory**



Kingdom : Chromista  
Phylum : Bacillariophyta  
Class : Bacillariophyceae  
Subclass : Bacillariophycidae  
Order : Cymbellales  
Family : Gomphonemataceae  
Genus : *Gomphonema*  
Species : *G. Hebridense*

Contribution by: SharathChandra K. and Gatha R. S.

## ***Cymbella austriaca* Grunow**



Kingdom : Chromista  
Phylum : Bacillariophyta  
Class : Bacillariophyceae  
Subclass : Bacillariophycidae  
Order : Cymbellales  
Family : Cymbellaceae  
Genus : *Cymbella*  
Species : *C. austriaca*

*Contribution by: SharathChandra K. and Gatha R. S.*

## ***Navicula tenella* Brebisson ex Kutzing**



Kingdom : Chromista  
Phylum : Bacillariophyta  
Class : Bacillariophyceae  
Subclass : Bacillariophycidae  
Order : Naviculales  
Suborder : Naviculineae  
Family : Naviculaceae  
Genus : *Navicula*  
Species : *N. tenella*

*Contribution by: SharathChandra K. and Gatha R. S.*



## ***Diploneispetersenii* Hustedt**



Kingdom : Chromista  
Phylum : Bacillariophyta  
Class : Bacillariophyceae  
Subclass : Bacillariophycidae  
Order : Naviculales  
Suborder : Diploneidinae  
Family : Diploneidaceae  
Genus : *Diploneis*  
Species : *D. petersenii*

*Contribution by: SharathChandra K. and Gatha R. S.*

## ***Stenopterobia delicatissima* Brebisson ex Van Heurck**



Kingdom : Chromista  
Phylum : Bacillariophyta  
Class : Bacillariophyceae  
Subclass : Bacillariophycidae  
Order : Surirellales  
Family : Surirellaceae  
Genus : *Stenopterobia*  
Species : *S. delicatissima*

*Contribution by: SharathChandra K. and Gatha R. S.*





## *Coccocarpia erythroxyli*



Kingdom : Fungi  
Division : Ascomycota  
Class : Lecanoromycetes  
Order : Peltigerales  
Family : Coccocarpiaceae  
Genus : *Coccocarpia*  
Species : *C. erythroxyli*

*Contribution by: Sanjeeva Nayak and Prashantha Naik*

## *Diploschistes rampoddensis*

Kingdom : Fungi  
Division : Ascomycota  
Genus : *Diploschistes*  
Species : *D. rampoddensis*



*Contribution by: Sanjeeva Nayak and Prashantha Naik*

## *Parmotrema pseudonilgherrense*



Kingdom: Fungi  
Division : Ascomycota  
Class : Lecanoromycetes  
Order : Lecanorales  
Family : Parmeliaceae  
Genus : *Parmotrema*  
Species : *P.pseudonilgherrense*

*Contribution by: Sanjeeva Nayak and Prashantha Naik*

## *Pyxine coccoes*



Kingdom: Fungi  
Division : Ascomycota  
Class : Ascomycetes  
Order : Lecanorales  
Family : Physciaceae  
Genus : *Pyxine*  
Species : *P. coccoes*

*Contribution by: Sanjeeva Nayak and Prashantha Naik*







## *Amanita angustilamellata* (Höhn.) Boedijn



Kingdom : Fungi  
Division : Basidiomycota  
Class : Agaricomycetes  
Order : Agaricales  
Family : Amanitaceae  
Genus : *Amanita*  
Species : *A. angustilamellata*

Economic value: Ectomycorrhizal

Contribution by: K. R. Sridhar

## *Collybia aurea* (Beeli) Pegler

Kingdom : Fungi  
Phylum : Basidiomycota  
Class : Basidiomycetes  
Order : Agaricales  
Family : Tricholomataceae  
Genus : *Collybia*  
Species : *C. aurea*  
Economic value: Edible



Contribution by: K. R. Sridhar

## ***Dacryopinax spathularia* (Schwein.) G.W. Martin**



Contribution by: K. R. Sridhar

Kingdom : Fungi  
Division : Basidiomycota  
Class : Dacrymycetes  
Family : Dacrymycetaceae  
Genus : *Dacryopinax*  
Species : *D. spathularia*  
Economic value: Edible

## ***Daldinia concentrica* (Bolton) Ces. & De Not.**

Kingdom : Fungi  
Division : Ascomycota  
Subdivision: Pezizomycotina  
Class : Sordariomycetes  
Subclass : Xylariomycetidae  
Order : Xylariales  
Family : Xylariaceae  
Genus : *Daldinia*  
Species : *D. concentrica*  
Economic value: Medicinal



Contribution by: K. R. Sridhar

## ***Entoloma brihadum* Manim., A.V. Joseph & Leelav.**



Kingdom : Fungi  
Division : Basidiomycota  
Class : Agaricomycetes  
Subclass : Hymenomycetes  
Order : Agaricales  
Family : Entolomataceae  
Genus : *Entoloma*  
Species : *E. brihadum*

Economic value: Ectomycorrhizal

*Contribution by: K. R. Sridhar*

## ***Entoloma vanajum* Manim., A.V. Joseph & Leelav.**

Kingdom: Fungi

Division : Basidiomycota

Class : Agaricomycetes

Subclass : Hymenomycetes

Order : Agaricales

Family : Entolomataceae

Genus : *Entoloma*

Species : *E. vanajum*

Economic value: Ectomycorrhizal



*Contribution by: K. R. Sridhar*



## ***Ganoderma lucidum* (Curtis) P. Karst.**



Kingdom : Fungi  
Division : Basidiomycota  
Class : Agaricomycetes  
Order : Polyporales  
Family : Ganodermataceae  
Genus : *Ganoderma*  
Species : *G. lucidum*

Economic value: Medicinal

Contribution by: K. R. Sridhar

## ***Hygrocybe astatogala* (R. Heim) Heinem.**

Kingdom : Fungi  
Division : Basidiomycota  
Class : Agaricomycetes  
Order : Agaricales  
Family : Hygrophoraceae  
Genus : *Hygrocybe*  
Species : *H. astatogala*  
Economic value: Ectomycorrhizal



Contribution by: K. R. Sridhar

## ***Laccaria laccata* (Scop.) Cooke**



Kingdom : Fungi  
Division : Basidiomycota  
Class : Agaricomycetes  
Order : Agaricales  
Family : Hydangiaceae  
Genus : *Laccaria*  
Species : *L. laccata*  
Economic Value : Ectomycorrhizal

*Contribution by: K. R. Sridhar*

## ***Pisolithus albus* (Cooke & Masee) Priest**

Kingdom : Fungi  
Division : Basidiomycota  
Class : Agaricomycetes  
Order : Boletales  
Family : Sclerodermataceae  
Genus : *Pisolithus*  
Species : *P. albus*  
Economic value: Ectomycorrhizal



*Contribution by: K. R. Sridhar*

## *Pycnoporus sanguineus* (L.) Murrill



Kingdom : Fungi  
Division : Basidiomycota  
Class : Agaricomycetes  
Order : Polyporales  
Family: Polyporaceae  
Genus : *Pycnoporus*  
Species : *P. sanguineus*

Economic value: Medicinal

Contribution by: K. R. Sridhar

## *Termitomyces clypeatus* R.Heim

Kingdom : Fungi  
Division : Basidiomycota  
Class : Agaricomycetes  
Order : Agaricales  
Family : Lyophyllaceae  
Genus : *Termitomyces*  
Species : *T. clypeatus*



Economic value: Edible

Contribution by: K. R. Sridhar



## ***Termitomyces umkowaan* (Cooke & Masee) D.A. Reid**



Kingdom : Fungi  
Division : Basidiomycota  
Class : Agaricomycetes  
Order : Agaricales  
Family : Lyophyllaceae  
Genus : *Termitomyces*  
Species : *T. umkowaan*

Economic value: Edible

*Contribution by: K. R. Sridhar*

## ***Tremella reticulata* (Berk.) Farl.**

Kingdom : Fungi  
Division : Basidiomycota  
Class : Tremellomycetes  
Order : Tremellales  
Family : Tremellaceae  
Genus : *Tremella*  
Species : *T. reticulata*

Economic value: Edible



*Contribution by: K. R. Sridhar*

## ***Xylaria escharoidea* (Berk.) Sacc.**



Kingdom : Fungi  
Division : Ascomycota  
Class : Sordariomycetes  
Order : Xylariales  
Family : Xylariaceae  
Genus : *Xylaria*  
Species : *X. escharoidea*  
Economic value: Medicinal

*Contribution by: K. R. Sridhar*

## ***Xylaria hypoxylon* (L.) Grev.**

Kingdom : Fungi  
Division : Ascomycota  
Class : Sordariomycetes  
Order : Xylariales  
Family : Xylariaceae  
Genus : *Xylaria*  
Species : *X. hypoxylon*



Economic value: Medicinal

*Contribution by: K. R. Sridhar*

**Details in Appendix - 1**



**GYMNOSPERM  
AND  
ANGIOSPERMS**



## *Ixora brachiata* Roxb



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicot  
Order : Rubiales  
Family : Rubiaceae  
Genus : *Ixora*  
Species : *I. brachiata*

Common Name: Gorbale

Other Name : Gurani, Kurati ,Koraji

Synonyms : *Ixora arnottiana* Miq. ex Hook.f.*Ixora obtusata* Miq. ex Hook.f

Distribution :Endemic to the Western Ghats- throughout

Contribution by: Manohar A, Sowmyashree K, Supriya S, Raju Krishna Cand Chandrashekhar M B

## *Terminalia paniculata* Roth

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Myrtales  
Family : Combretaceae  
Genus : *Terminalia*  
Species : *T. paniculata*



Common Name : Kindal Tree, Flowering Murdah

Synonyms : *Pentaptera alata* Banks ex G.Don,*Pentaptera huliva* Buch.-Ham. ex Wall.

Distribution : Peninsular India; in the Western Ghats- throughout.

Contribution by: Manohar A, Nityasree B R, Sowmyashree K, Supriya S, Raju Krishna Cand Chandrashekhar M B

## ***Zizyphus oenoplia* (L.) Mill.**



Kingdom: Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Rosales  
Family : Rhamnaceae  
Genus : *Zizyphus*  
Species : *Z. oenoplia*

Common Name : Jackal Jujube, Small-Fruited Jujube, Wild Jujube

Distribution :It ranges from the Indian subcontinent through southern China and Southeast Asia to northern Australia

Contribution by: Sowmyashree K, Supriya S, Manohar A, NityasreeB R and Raju Krishna C

## ***Hibiscus surattensis* L.**

Kingdom: Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Malvales  
Family : Malvaceae  
Genus : *Hibiscus*  
Species : *H. surattensis*



Distribution : India, Sri Lanka, Tropical and South Africa and Asia.

Contribution by: Sowmyashree K, Supriya S, NityasreeB R, Raju Krishna Cand Chandrashekhar M B

## *Sida rhombifolia* L.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Malvales  
Family : Malvaceae  
Genus : *Sida*  
Species : *S. rhombifolia*

Common Name: Cuban jute, Jelly leaf, Queensland hemp

Distribution: Andaman & Nicobar Islands, Goa, Karnataka, Kerala, Maharashtra, Sikkim, Tamil Nadu, Uttar Pradesh, West Bengal.

Contribution by: Sowmyashree K, Supriya S, Nityasree B R, Raju Krishna Cand Chandrashekhar M B

## *Hybanthus enneaspermus* (L.) F. Muell.

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Malpighiales  
Family : Violaceae  
Genus : *Hybanthus*  
Species : *H. enneaspermus*



Common Name : Spade Flower, Pink ladies slipper

Distribution : Sri Lanka, India, China, Madagascar, Africa and Tropical Australias

Contribution by: Manohar A, Sowmyashree K, Supriya S, Nityasree BR, Raju Krishna Cand Chandrashekhar M B.



## *Ficus racemosa* L.



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Rosales  
Family: Moraceae  
Genus: *Ficus*  
Species: *F. racemosa*

Common Name :Cluster fig

Distribution :North-eastern Africa, India to Indo-China, Malesia to northern and western Australia. Not in the Philippines. In India also cultivated.

Contribution by: Manohar A, Sowmyashree K, Supriya S, Nityasree B R and Raju Krishna C.

## *Phyllanthus niruri* L.

Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Malpighiales  
Family: Phyllanthaceae  
Genus: *Phyllanthus*  
Species: *P. niruri*



Common Name :Carry Me Seed, Black catnip, Child pick-a-back, Gale of wind, Gulf leaf flower, Hurricane weed, Shatterstone, Stone breaker

Distribution :Tropics

Contribution by: Manohar A, Sowmyashree K, Supriya S, Nityasree B R and Raju Krishna C.

## ***Plectranthus amboinicus* (Lour.) Spreng.**



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Lamiales  
Family: Lamiaceae  
Genus: *Plectranthus*  
Species: *P. amboinicus*

Common Name :Cuban Oregano, Indian borage, Indian mint, Mexican mint, Mexican oregano, Spanish thyme

Distribution :native to Southern and Eastern Africa,It is used as a medicinal plant in many houses in south India

Contribution by: Sowmyashree K, Supriya S, Nityasree BR and Raju Krishna C.

## ***Jasminum malabaricum* Wight**

Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Lamiales  
Family: Oleaceae  
Genus: *Jasminum*  
Species: *J. malabaricum*



Common Name : Malabar jasmine, wild jasmine

Distribution :Western Ghats

Contribution by: Sowmyashree K, Supriya S, Nityasree B R, Raju Krishna Cand Chandrashekar M B

## *Centella asiatica* (L.) Urb.



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Apiales  
Family: Apiaceae  
Genus: *Centella*  
Species: *C. asiatica*

Common Name :Indian Pennywort, coinwort, Indian water navelwort, pennyweed, spadeleaf

Distribution:Indian Pennywort appears to have originated in the wetlands of Asia. China, India, and Malaya were probably within its original range.

Contributed by: Manohar A, Sowmyashree K, Supriya S, Nityasree B R and Raju Krishna C.

## *Clitoria ternatea* L.

Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Fabales  
Family: Fabaceae  
Genus: *Clitoria*  
Species: *C. ternatea*



Common Name :Butterfly Pea

Distribution:This plant is native to tropical equatorial Asia Thailand and Malaysia, but has been introduced to Africa, Australia and America.

Contributed by: Sowmyashree K, Manohar A, Nityasree B R, Supriya S, Raju Krishna Cand Chandrashekar M B



## ***Aerva lanata* (L.) Juss.**



Kingdom: Plantae  
Division : Angiosperms  
Class: Eudicots  
Order: Caryophyllales  
Family: Amaranthaceae  
Subfamily: Amaranthoideae  
Genus: *Aerva*  
Species: *A. lanata*

**Common Name :** Mountain Knot Grass

**Distribution :** Assam, Karnataka, Maharashtra, Odisha, Rajasthan, Tamil Nadu, Uttar Pradesh; Arab, Africa, Jawa, Nepal, Philippines, Sri Lanka

*Contributed by: Nityasree B R, Manohar A, Sowmyashree K, Supriya S and Raju Krishna C.*

## ***Ichnocarpus frutescens* (L.) W.T.Aiton**

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Gentianales  
Family : Apocynaceae  
Genus : *Ichnocarpus*  
Species : *I. frutescens*



**Common Name :** Black Creeper

**Distribution :** Indo-Malesia and Australia

*Contributed by: Manohar A, Supriya S, Nityasree B R, Sowmyashree K, Raju Krishna Cand Chandrashekar M B*

## ***Alternanthera sessilis* (L.) R.Br. ex DC.**



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Caryophyllales  
Family: Amaranthaceae  
Genus: *Alternanthera*  
Species: *A. sessilis*

Common Name :Sessile Joyweed, Dwarf copperleaf, Joyweed

Distribution :Assam, Kashmir, Karnataka, Madhya Pradesh, Maharastra, Manipur, Odisha, Tamil Nadu, Uttar Pradesh; Throughout The World

Contributed by: Manohar A, Supriya S, Nityasree B R, Sowmyashree K and Raju Krishna C.

## ***Calotropis gigantea* (L.) Dryand.**

Kingdom: Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Gentianales  
Family : Apocynaceae  
Genus : *Calotropis*  
Species : *C. gigantea*



Common Name :Crown Flower

Distribution :Tropical Asia

Contributed by: Sowmyashree K, Supriya S, Nityasree B R, Raju Krishna Cand Chandrashekar M B



## *Ficus religiosa* L.



Kingdom: Plantae  
Division: Angiosperms  
Class : Eudicots  
Order: Rosales  
Family: Moraceae  
Genus: *Ficus*  
Species: *F. religiosa*

Common Name :Peepal, holy fig tree, peepul, sacred fig tree

Distribution :India: Throughout

Contributed by: Nityasree B R, Sowmyashree K, Supriya S and Raju Krishna C.

## *Mimosa pudica* L.

Kingdom: Plantae  
Division: Angiosperms  
Class : Eudicots  
Order: Fabales  
Family: Fabaceae  
Genus: *Mimosa*  
Species: *M. pudica*



Common Name :Sensitive Plant, Touch-me-not

Distribution :Native of South America; now Pantropical

IUCN status: Least Concern

Contributed by: Supriya S, Sowmyashree K, Nityasree B R, Raju Krishna Cand Chandrashekar M B

## ***Leucas aspera* (Willd.) Link**



Kingdom: Plantae  
Division: Angiosperms  
Class : Eudicots  
Order: Lamiales  
Family: Lamiaceae  
Genus: *Leucas*  
Species: *L. aspera*

Common Name : Common Leucas

Distribution :commonly found throughout India and the Philippines

Contributed by: Supriya S, Manohar A, Sowmyashree K, Nityasree B R, Raju Krishna Cand Chandrashekar M B

## ***Dregea volubilis* (L.f.) Benth. ex Hook.f.**

Kingdom: Plantae  
Division : Angiosperms  
Class: Eudicots  
Order: Gentianales  
Family: Apocynaceae  
Genus: *Dregea*  
Species: *D. volubilis*



Common Name :Green Milkweed Climber, Sneeze Wort

Synonyms:*Wattakaka volubilis* (L. f.) Stapf

Distribution :Indo-Malesia and China

Contributed by: Manohar A, Sowmyashree K, Nityasree B R, Supriya S and Raju Krishna C.

## *Cleome rutidosperma* DC.



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Brassicales  
Family: Cleomaceae  
Genus: *Cleome*  
Species : *C.rutidosperma*

Common Name :Fringed Spider Flower

Distribution : Fringed Spider Flower is native to Tropical Africa, naturalized in India and elsewhere

Contributed by: Sowmyashree K, Manohar A, , Supriya S, Nityasree B R, Raju Krishna C and Chandrashekar M B

## *Tabernaemontana divaricata* (L.) R.Br

Kingdom: Plantae  
Division: Angiosperms  
Class : Eudicots  
Order : Gentianales  
Family : Apocynaceae  
Genus : *Tabernaemontana*  
Species : *T. divaricata*



Common Name : Crape jasmine, Moonbeam, Carnation of India

Distribution :India: Assam, Gujarat, Maharastra, Uttar Pradesh

Contributed by: Supriya S, Sowmyashree K, Nityasree B R, Manohar A, Raju Krishna C and Chandrashekar M B

## ***Tabernaemontana alternifolia* L.**



Kingdom: Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Gentianales  
Family : Apocynaceae  
Genus : *Tabernaemontana*  
Species : *T. alternifolia*

Common Name : Nag Kuda

Synonyms :,*Tabernaemontana heyneana* Wall.

Distribution :Southern Western Ghats

IUCN status :Near Threatened

Contributed by: Nityasree B R, Sowmyashree K, Manohar A, Supriya S, Raju Krishna C and Chandrashekar M B

## ***Drynaria quercifolia* L**



Kingdom : Plantae  
Division : Pteridophyta  
Class : Polypodiopsida  
Order : Polypodiales  
Family : Polypodiaceae  
Genus : *Drynaria*  
Species : *D. quercifolia*

Synonym – *Polypodium quercifolium*

Common Name – Oak leaf fern

Distribution - Native to India, Southeast Asia, Malaysia, Indonesia, the Philippines, New Guinea, and Australia, Southeast China to tropical Asia.

IUCN Status: Least Concern (Lc)

Contribution by: Supriya S, Sowmyashree K, Manohar A, Nityasree B R, Raju Krishna C and Chandrashekar M B



## *Psydrax dicoccos* Gaertn.

Kingdom: Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Gentianales  
Family : Rubiaceae  
Genus : *Psydrax*  
Species : *P. dicoccos*



Synonym – *Canthiumdicocum* (Gaertn.) Merr.  
Common Name - Ceylon box wood or malakafe  
Distribution - Southeast China to tropical Asia.  
IUCN Status: Vulnerable (Vu)

Contribution by: Nityasree B R, Sowmyashree K, Supriya S, Manohar A and Raju Krishna C

## *Ficus benghalensis* L.



Kingdom: Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Rosales  
Family : Moraceae  
Genus : *Ficus*  
Species : *F. Benghalensi*

Synonym – *Ficus indica* L

Common Name - The Banyan, Banyan fig and Indian banyan tree.

Other Names – Nuga, MahaNuga

Distribution - Native to India also found in Southeast Asia, Malaysia, Indonesia, The Philippines, New Guinea, and Australia, Southeast China to tropical Asia.

IUCN Status: Least Concern (Lc)

Contribution by: Manohar A, Supriya S, Sowmyashree K, Nityasree B R and Raju Krishna C.

## *Boehmeria cylindrica* L.

Kingdom: Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Rosales  
Family : Moraceae  
Genus : *Ficus*  
Species : *F. benghalensis*



Synonym – *Urticacylindrica*, *B. drummondiana*, *B. Scabra*

Common Name - False nettle and Bog hemp

Distribution - Eastern North America, New Mexico, Arizona, Bermuda, Mexico, Central America, West Indies, South America.

IUCN Status: Least Concern (Lc)

Contribution by: Nityasree B R, Sowmyashree K, Supriya S, Manohar A and Raju Krishna C.

## *Cassia fistula* L.

Kingdom: Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Fabales  
Family : Fabaceae  
Genus : *Cassia*  
Species : *C. fistula*



Synonym – *Catyrilobium fistula*, *C. bonplandiana*, *C. fistuloides*, *Cathartocarpus fistula*

Common Name - Golden rain tree, Canafistula

Distribution – India, Southeast Asia, Pakistan, Myanmar, Thailand and srilanka.

IUCN Status: Least Concern (Lc)

Contribution by: Nityasree B R, Sowmyashree K, Manohar A, Supriya S, Raju Krishna Cand Chandrashekar M B

## *Cassia javanica* L.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Fabales  
Family : Fabaceae  
Genus : *Cassia*  
Species : *C. javanica*

Synonym – *C. bacillus*.

Common Name - Java Cassia, Pink Shower, Apple Blossom Tree and Rainbow Shower Tree

Distribution – Native to Southeast Asia and worldwide distribution as a garden tree.

IUCN Status: Least Concern (Lc)

Contribution by:, Sowmyashree K, Nityasree B R, Supriya S, Manohar A Raju Krishna  
Cand Chandrashekar M B

## *Senna tora* L.



Kingdom : Plantae  
Division : Angiosperms  
Class : Magnoliopsida  
Order : Fabales  
Family : Fabaceae  
Genus : *Senna*  
Species : *S. tora*

Synonym – *Cassia tora*.

Common Name - Sickle senna, Sickle pod, Tora, Coffee pod,

Distribution – Afghanistan, India, Nigeria, China, Pakistan, Myanmar, Nepal, Bhutan, Sri Lanka, West China and tropics.

IUCN Status: Least Concern (Lc)

Contribution by: Sowmyashree K, Supriya S, Nityasree B R, Manohar A and Raju Krishna C



## *Senna occidentalis* L.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Fabales  
Family : Fabaceae  
Genus : *Senna*  
Species : *S. occidentalis*

Synonym – *C. plumeri*, *Ditramexa occidentalis*, *C. planisiliqua*.

Common Name – Septic weed, Coffee senna, Coffee weed, Mogdad coffee, Negro-coffee, Senna coffee, Stephanie coffee, Stinking weed or Styptic weed.

Distribution – Found in both hemisphere.

IUCN Status: Least Concern (Lc)

Contribution by: Nityasree B R, Supriya S, Sowmyashree K, Manohar A and Raju Krishna C.

## *Nyctanthes arbor-tristis* L.

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Lamiales  
Family : Oleaceae  
Genus : *Nyctanthes*  
Species : *N. arbor-tristis*



Synonym – *Bruschiamacroparp*, *Scabritascabra*, *S. triflora*, *Nyctanthes tristis*.

Common Name – Night-flowering jasmine or Coral jasmine.

Distribution – Native to South Asia and Southeast Asia.

IUCN Status: Least Concern (Lc)

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Raju Krishna Cand Chandrashekar M B



## *Millingtonia hortensis*L.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Lamiales  
Family : Bignoniaceae  
Genus : *Millingtonia*  
Species : *M. hortensis*

Synonym -*Bignonia suberos*, *Millingtoniadubiosa*, *Nevrilissuberosa*

Common Name – Tree jasmine or Indian cork tree.

Distribution – Native to South Asia & South East Asia

IUCN Status: Least Concern

Contribution by: Sowmyashree K, Nityasree B R, Manohar A, Supriya S and Raju Krishna C

## *Hyptis suaveolens*L.

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Lamiales  
Family : Lamiaceae  
Genus : *Hyptis*  
Species : *H. suaveolens*



Common Name – Pignut or chan, Vilayti tulsi.

Distribution – Native to tropical regions of Mexico, Central, the West Indies, and South America, as well as being naturalized in tropical parts of Africa, Asia and Australia.

IUCN Status: Least Concern

Contribution by: Nityasree B R, Sowmyashree K, Supriya S, Manohar A Raju Krishna Cand Chandrashekar M B

## *Tridax procumbens* L.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Asterales  
Family : Asteraceae  
Genus : *Tridax*  
Species : *T. procumbens*

Synonym - *Bignonia suberos*, *Millingtoniadubiosa*, *Nevrilissuberosa*

Common Name – Tree jasmine or Indian cork tree.

Distribution – Native to South Asia & South East Asia

IUCN Status: Least Concern

Contribution by: Sowmyashree K, Manohar A, Nityasree B R, Supriya S, Raju Krishna Cand Chandrashekar M B

## *Hibiscus rosa-sinensis* L.

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Lamiales  
Family : Lamiaceae  
Genus : *Hyptis*  
Species : *H. suaveolens*



Common Name - *Chinese hibiscus*, *China rose*, *Hawaiian hibiscus*.

Distribution – It is widely grown as an ornamental plant throughout the tropics and subtropics

IUCN Status: Least Concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Raju Krishna Cand Chandrashekar M B

## *Catharanthus roseus* L.



Kingdom : Plantae  
Class : Eudicots  
Order : Gentianales  
Family : Apocynaceae  
Genus : *Catharanthus*  
Species : *C. roseus*

Common Name – *Vincarosea*, *Madagascar periwinkle*, *Rosy periwinkle*, *Old-maid*.

Distribution – Native and endemic to Madagascar, but grown elsewhere as an ornamental and medicinal plant

IUCN Status: Least Concern

Contribution by: Nityasree B R, Sowmyashree K, Supriya S, Raju Krishna Cand Chandrashekar M B

## *Tinospora sinensis* Lour.

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Ranunculales  
Family : Menispermaceae  
Genus : *Tinospora*  
Species : *T. sinensis*



Synonym – *Campylus sinensis*, *Tinospora malabarica*

Common Name – Malabar Gulbel, Chinese tinospora, Sudarsanaballi

Distribution – Eastern Asia - southern China, India, Nepal, Sri Lanka, Vietnam, Cambodia, Thailand.

IUCN Status: Threatened

Contribution by: Manohar Acharya, Supriya S, Sowmyashree K, Nityasree B R and Raju Krishna C



## *Dioscorea bulbifera* L.



Kingdom : Plantae  
Division : Angiosperms  
Class : Monocots  
Order : Dioscoreales  
Family : Dioscoreaceae  
Genus : *Dioscorea*  
Species : *D. bulbifera*

Common Name – Air potato, air yam, bitter yam, cheeky yam, potato yam

Distribution – native to Africa, Southern Asia, India, Sri Lanka, Maldives, China, Japan, Philippines, and Indonesia and northern Australia.

Contribution by: Manohar A, Sowmyashree K, Nityasree B R, Supriya S and Raju Krishna C.

## *Calophyllum inophyllum* L.

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Malpighiales  
Family : Calophyllaceae  
Genus : *Calophyllum*  
Species : *C. inophyllum*



Common Name– Alexandrin laurel, Ball tree, Beach calophyllum, Indian doombaoil tree, red poon, satin touriga.

Distribution – Native from East Africa, southern coastal India to Malesia and Australia.

IUCN Status: Least concern

Contribution by: Sowmyashree K, Supriya S, Nityasree B R, Manohar A Raju Krishna Cand Chandrashekar M B



## *Allamanda cathartica* L.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Gentianales  
Family : Apocynaceae  
Genus : *Allamanda*  
Species : *A. cathartica*

Common Name– *Golden trumpet, Common trumpetvine, and Yellow allamanda.*

Distribution – Native from East Africa, southern coastal India to Malesia and Australia.

IUCN Status: Least concern

Contribution by: *Supriya S, Nityasree B R, Sowmyashree K, Manohar A, Raju Krishna Cand Chandrashekar M B*

## *Tecoma stans* L.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Lamiales  
Family : Bignonaceae  
Genus : *Tecoma*  
Species : *T. stans*

Common Name – *Yellow bells, Yellow elder, ginger-thomas*

Distribution – Desert shrub lands and dry forests in the region from Texas and Arizona southward to Argentina

IUCN Status: Least concern

Contribution by: *Manohar A, Sowmyashree K, Nityasree B R, Supriya S, Raju Krishna Cand Chandrashekar M B*

## *Cyclea peltata* Hook.



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Family: Menispermaceae  
Genus: *Cyclea*  
Species: *C. peltata*

Synonym – *Dioscoreapeltata*, *Cycleaburmannii*, *Stephaniaburmannii*

Common Name – Raj Patha, paduvalaballi, phalani, pada-kelengu, patakkilannu

Distribution - All over India

IUCN Status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Manohar A, Raju Krishna  
Cand Chandrashekar M B

## *Naregamia alata* Wight & Arn.

Kingdom: Plantae  
Division : Angiosperms  
Class: Magnoliopsida  
Order: Sapindales  
Family: Meliaceae  
Genus: *Naregamia*  
Species: *N. alata*



Synonym – *Turraeaalata*

Common Name– Nilanaragam, Nilanara, Goanese ipecac

Distribution - India

IUCN Status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Deepak Kasai, Anand Nasalapure,  
Divakar M S Raju Krishna Cand Chandrashekar M B

## *Orthosiphon aristatus* Blume



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Lamiales  
Family: Lamiaceae  
Genus: *Orthosiphon*  
Species: *O. aristatus*

Synonym – *Ocimum aristatum*, *Trichostem aspirale*, *Clerodendrum spicatum*

Common Name – Cat's whiskers or Java tea

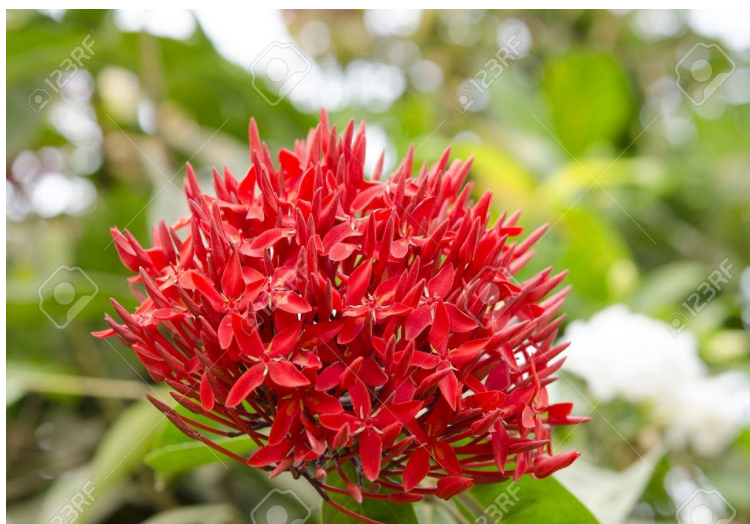
Distribution - Southern China, the Indian Subcontinent, South East Asia and tropical Queensland.

IUCN Status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Anand Nasalapure, Divakar M S, Deepak Kasai, Raju Krishna Cand Chandrashekar M B

## *Ixora coccinea* L.

Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Gentianales  
Family: Rubiaceae  
Genus: *Ixora*  
Species: *Ixora coccinea*



Common Name – West Indian Jasmine, rangan, kheme, ponna, jungle flame, jungle geranium

Distribution - native to the tropical and subtropical areas throughout the world, its centre of diversity is in Tropical Asia

IUCN Status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Manohar A, Raju Krishna Cand Chandrashekar M B



## *Nymphoides indica* (L.) Kuntze



Kingdom: Plantae  
Division: Angiosperms  
Class : Eudicots  
Order : Asterales  
Family : Menyanthaceae  
Genus : *Nymphoides*  
Species : *N. indica*

Synonyms - *Nymphoideshumboldtiana*, *Nymphoidesindicum*

Common Name –Water Snowflake, Floating hearts, NeeruThaavare

Distribution - native to tropical areas. IUCN Status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Raju Krishna C. And Chandrashekar M B

## *Cochlospermum religiosum* (L.) Alston

Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Malvales  
Family: Bixaceae  
Genus: *Cochlospermum*  
Species: *C. religiosum*



Synonyms - *Bombax religiosum* L., *Cochlospermum balicum* Boerl.

Common Name –silk-cotton tree, buttercup tree

Distribution - Southeast Asia and the Indian Subcontinent

IUCN Status - Not evaluated

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Anand Nasalapure, Divakar M S, Deepak Kasai, Raju Krishna Cand Chandrashekar M B



## *Calliandra haematocephala* Hassk.



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Fabales  
Family: Fabaceae  
Genus: *Calliandra*  
Species: *C. haematocephala*

Synonyms- *Calliandra novaesii*

Common Name – Powder-puff, powder puff plant and fairy duster

Distribution - native to tropical and subtropical regions of the Americas

IUCN Status - Not evaluated

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Divakar M S, Deepak Kasai, Anand Nasalapure, Raju Krishna Cand Chandrashekar M B

## *Getonia floribunda* Roxb

Kingdom : Plantae  
Division: Angiosperms  
Class: Rosids  
Order: Myrtales  
Family: Combretaceae  
Genus: *Getonia*  
Species: *G. floribunda*



Synonyms - Calycopteris floribunda, Combretum sericeum, Getonia nitida

Common Name – ukshi, Paper Flower Climber

Distribution - tropical evergreen forests of the Western Ghats, and rarely in Eastern Ghats of coastal Andhra

IUCN Status - Not evaluated

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Raju Krishna Cand Chandrashekar M B.

## *Dracaena* spp.



Kingdom : Plantae  
Division: Angiosperms  
Class : Monocot  
Order: Aspargales  
Family: Aspargaceae  
Genus: *Dracaena*  
Species: *D. spp*

Distribution - native to Africa, with a few in southern Asia through to northern Australia  
IUCN Status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S,,Raju Krishna C.

## *Syzygiumcumini* L.

Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Myrtales  
Family: Myrtaceae  
Genus: *Syzygium*  
Species: *S. cumini*



Synonym – *Blepharocalyx aromatic*, *Eugenia aromaticum*

Common Name – jambolan,Java plum or black plum, Portuguese plum and Malabar plum

Distribution - native to the Indian Subcontinent, adjoining regions of Southeast Asia, China and Queensland

IUCN Status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Divakar M S, Deepak Kasai, Anand Nasalapure Raju Krishna C and Chandrashekar M B.

## *Sidda acuta* L.



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Malvales  
Family: Malvaceae  
Genus: *Sida*  
Species: *S. acuta*

Common Name - *common wire weed*

Distribution - originated in Central America, but today has a pantropical (both hemisphere) distribution and is considered a weed

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Deepak Kasai, Anand Nasalapure, Divakar M S, Raju Krishna Cand Chandrashekar M B.

## *Mukia maderaspatana* L.

Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: cucurbitales  
Family: cucurbitaceae  
Genus: *Mukia*  
Species: *M. maderaspatana*



Synonym – *Cucumismaderaspatanu*, *Bryoniascabrella*

Common Name -

Distribution - Tropical Africa and from Asia through Malaya to tropical Australia

IUCN Status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Raju Krishna Cand Chandrashekar M B.



## *Capsicum frutescens* L.



Kingdom: Plantae  
Division: Angiosperms  
Class: Asterids  
Order: Solanales  
Family: Solanaceae  
Genus: *Capsicum*  
Species: *C. annum*

Common Name - *Bird's eye chili, bird's chili, Piripiri or Thai chilli*

Distribution - native to southern North America, northern South America, Ethiopia, Southeast Asia and Sri Lanka.

IUCN Status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Divakar M S, Deepak Kasai, Anand Nasalapure, Raju Krishna Cand Chandrashekar M B.

## *Pajanelia longifolia* (Willd.) K. Schum

Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Lamiales  
Family: Bignoniaceae  
Genus: *Pajanelia*  
Species: *P. longifolia*



Synonym – *Bignonia indica, Bignonia longifolia*.

Common Name - Pajaneli, Alangi, Doundi, payani.

Distribution – India and Myanmar

IUCN Status: Not evaluated

Contribution by: Sowmyashree K, Nityasree B R, Supriya S and Raju Krishna C.

## ***Bambusa bambos* (L.) Voss**



Kingdom : Plantae  
Division: Angiosperms  
Class: Commelinids  
Order: Poales  
Family: Poaceae  
Genus: *Bambusa*  
Species: *B. bambos*

Common Name- *Indian thorny bamboo*

Distribution–Native to southern Asia (India, Bangladesh, Sri Lanka, Assam, and Indochina). It is also naturalized in Seychelles, Central America, West Indies, Java, Malaysia, Maluku, and the Philippines

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Anand Nasalapure, Divakar M S, Deepak Kasai, and Raju Krishna C

## ***Breynia vitis-idaea* Burm**

Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Lamiales  
Family: Bignoniaceae  
Genus: *Pajanelia*  
Species: *P. longifolia*



Synonym –*Melanthesa ovalifolia*, *Phyllanthus calycinus*, *phyllanthus rhamnoides*

Distribution–found from India east to Taiwan and Okinawa and south to Indonesia

IUCN Status: Not evaluated

Contribution by: Sowmyashree K, Nityasree B R, Supriya S and Raju Krishna C.

## *Rungia pectinata* L.



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Malpighiales  
Family: Acanthaceae  
Genus: *Rungia*  
Species: *R. pectinata*

Synonym –*R. parviflora*, *Justiciapectinata*

Common Name - Comb Rungia

Distribution –India, Sri Lanka and Myanmar

IUCN Status: Not evaluated

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Raju Krishna Cand Chandrashekar M B

## *Bombax ceiba* L.

Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Malvales  
Family: Malvaceae  
Genus: *Bombax*  
Species: *B. ceiba*



Synonym –*B. thorelii*, *Gossampinusmalabarica*, *Melaleucagrandiflora*

Common Name - cotton tree, red silk-cotton, silk-cotton or kapok

Distribution–Indomalaysia; in the Western Ghats- South, Central and south Maharashtra Sahyadris.

IUCN Status: Not evaluated

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Anand Nasalapure, Deepak Kasai, Divakar M S and Raju Krishna C.



## *Spathodea campanulata* P.Beauv.



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Lamiales  
Family: Bignoniaceae  
Genus: *Spathodea*  
Species: *S. campanulata*

Common Name - *African tuliptree, fountain tree, pichkari or Nandi flame.*

Distribution–Native

to: Angola, Ethiopia, Ghana, Kenya, Sudan, Tanzania, Uganda, Zambia

IUCN Status: Not evaluated

Contribution by: Sowmyashree K, Nityasree B R, Supriya S.,Raju Krishna CandChandrashekar M B.

## *Mangifera indica* L.



Kingdom : Plantae  
Division: Angiosperms  
Class : Eudicots  
Order: Sapindales  
Family: Anacardiaceae  
Genus: *Mangifera*  
Species: *M. indica*

Local Names – Mango

Distribution: Wild in Bangladesh, India and Pakistan where it is indigenous and cultivated varieties have introduced to other warm regions of the world

IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S,Deepak Kasai, Anand Nasalapure, Divakar M S, and Raju Krishna C.

## *Gloriosa superba* L.

Kingdom : Plantae  
Division : Angiosperms  
Class : Monocots  
Order : Liliales  
Family: Colchicaceae  
Genus: *Gloriosa*  
Species: *G. superba*



Local Names – Flame lily, climbing lily, creeping lily, glory lily, gloriosa lily, tiger claw, and fire lily.

Other Names –Eugone superb, Gloriosarothschildiana

Distribution: Africa and Asia

IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Raju Krishna Cand Chandrashekar M B.

## *Santalum album* L.



Kingdom: Plantae  
Division : Angiosperms  
Class : Eudicots  
Order: Santalales  
Family: Santalaceae  
Genus: *Santalum*  
Species : *S. album*

Local Names – Sandalwood

Other Names – Sirium myrtifolium L.

Distribution: India, Indonesia, and the Malay Archipelago

IUCN status: Vulnerable

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Deepak Kasai, Divakar M S Anand Nasalapure and Raju Krishna C.

## *Morinda citrifolia* L.

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order: Gentianales  
Family: *Rubiaceae*  
Genus: *Morinda*  
Species : *M. Citrifolia*



Local Names – Great morinda, Indian mulberry, noni, beach mulberry, and cheese fruit.

Other Names –

Distribution: Southeast Asia and Australasia,

IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Divakar M S, Deepak Kasai, Anand Nasalapure, Raju Krishna Cand Chandrashekar M B.

## *Ziziphus jujuba* Mill.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Rosales  
Family : Rhamnaceae  
Genus : *Ziziphus*  
Species : *Z. jujuba*

Distribution: Southern Asia, Northern India, and Southern and central China, and possibly also south Eastern Europe

IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Deepak Kasai, Anand Nasalapure, Divakar M S and Raju Krishna C



## *Psidium guajava* L.

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Myrtales  
Family : Myrtaceae  
Genus : *Psidium*  
Species : *P. guajava*



Other Names –guava,yellow guava or lemon guava

Distribution:Australia, New Zealand, south-eastern USA, Tropical and Temperate Asia, and Southern Africa

IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Deepak Kasai, Anand Nasalpure, Divakar M S and Raju Krishna C

## *Pterocarpus marsupium* Roxb.

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Fables  
Family : Fabaceae  
Genus : *Pterocarpus*  
Species : *P. marsupium*



Common Name: Indian Kino Tree, Vijayasar, Malabar kino tree.

Distribution : It is native to India, Nepal, and Sri Lanka, Western Ghats in the Karnataka-Kerala region and also in the forests of Central India.

IUCN status : Vulnerable

Contribution by: Sowmyashree K,NityasreeB R, Manohar A,Supriya S, Raju Krishna Cand Chandrashekar M B

## *Macaranga peltata* (Roxb.) Mull.Arg



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Malpighiales  
Family: Euphorbiaceae  
Genus: *Macaranga*  
Species: *M. peltata*

Common Name : Chandada

Synonyms: *Macaranga peltata* Boivin ex Baill.

Distribution: Northern Thailand, Srilanka & India

Contribution by: Manohar A, Nityasree B R, Supriya S, Sowmyashree K, Raju Krishna C.  
and Chandrashekhar M B

## *Terminalia bellirica* (Gaertn.) Roxb.

Kingdom : Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Myrtales  
Family: Combretaceae  
Genus: *Terminalia*  
Species: *T. bellirica*



Common Name : Baheda, Belliric Myrobalan, Bastard myrobalan, Beach almond, Bedda nut tree

Synonyms: *Terminalia bellirica* var. *laurinoides* (Teijsm. & Binn.) C.B. Clarke

Distribution : Indo-Malaysia

Contribution by: Manohar A, Supriya S, Sowmyashree K, Nityasree B R, Raju Krishna C and Chandrashekhar M

## *Justicia adhatoda* L.



Kingdom: Plantae  
Division: Angiosperms  
Class : Eudicots  
Order: Lamiales  
Family: Acanthaceae  
Genus: *Justicia*  
Species: *J. adhatod*

Common Name : Malabar Nut, whitevvasa, yellow vasa

Distribution : Indo-Malesia

Contribution by: NityasreeB R, Supriya S, Manohar A, Sowmyashree K and Raju Krishna

## *Anacardium occidentale* L.



Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Sapindales  
Family: Anacardiaceae  
Genus: *Anacardium*  
Species: *A. occidentale*

Common Name : Cashew

Distribution : Native of South America; now widely cultivated in Asia and Africa

Contribution by: Sowmyashree K, Supriya S, Manohar A, NityasreeB R and Raju Krishna C



## *Phyllanthus emblica* L.

Kingdom: Plantae  
Division: Angiosperms  
Class: Eudicots  
Order: Malpighiales  
Family: Phyllanthaceae  
Genus: *Phyllanthus*  
Species: *P. Emblica*



Common Name : Amla, Indian  
gooseberry

Distribution : India: Andaman & Nicobar Island, Assam, Madhya Pradesh,  
Manipur, Odisha, Rajasthan, Tamil Nadu, Uttar Pradesh

Contribution by: Manohar A, Supriya S, Sowmyashree K, Nityasree B R, Raju Krishna C  
And Chandrashekhar M B

## *Hamelia patens* Jacq.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Gentianales  
Family : Rubiaceae  
Genus : *Hamelia*  
Species : *H. patens*

Other Names – Firebush, hummingbird bush, scarlet bush, and redhead

Distribution: American, Florida Southern United States, Argentina.

IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Divakar M S, Deepak Kasai, Anand  
Nasalapure, Raju Krishna Cand Chandrashekar M B

## *Scoparia dulcis* L.

Kingdom: Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Lamiales  
Family : Plantaginaceae  
Genus : *Scoparia*  
Species : *S. dulcis*



Other Names – Licorice weed, goat weed, scoparia-weed and sweet-broom

Distribution: Bangladesh, India, Taiwan, Brazil,

IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Manohar A, Deepak Kasai, Divakar M S, Anand Nasalapure, Raju Krishna Cand Chandrashekar M B.

## *Mitragyna parvifolia* (Roxb.) Korth.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Gentianales  
Family : Rubiaceae  
Genus : *Mitragyna*  
Species : *M. parvifolia*

Distribution: Found in Asia, It is native to India and Sri Lanka

IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Manohar A, Raju Krishna Cand Chandrashekar M B



## *Careya arborea* Roxb.

Kingdom: Plantae  
Division : Angiosperms  
Class: Eudicots  
Order: Ericales  
Family: Lecythidaceae  
Genus: *Careya*  
Species: *C. arborea*



Other Names –Wild Guava, Ceylon Oak, Patana Oak, alagavvele, daddal, Kumbhi

Distribution: Native to the Indian Subcontinent, Afghanistan, and Indochina

IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Manohar A and Raju Krishna C.

## *Cycas* spp.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Cycadales  
Family : Cycadaceae  
Genus : *Cycas*  
Species : *Cycas* spp.

Other Names –Sago palm, king sago, sago cycad, Japanese sago palm

Distribution: Native to southern Japan including the Ryukyu Islands

IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Manohar A, Deepak Kasai, Divakar M S, Anand Nasalapure, and Raju Krishna C



## *Euphorbia hirta* L.

Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Malpighiales  
Family : Euphorbiaceae  
Genus : *Euphorbia*  
Species : *E. hirta*



Other Names – Pill-bearing spurge, asthma plant, hairy spurge, garden spurge, pillpod sandman, baridhudi, dudhghas, dudhi  
Distribution: Native to India  
IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Manohar A, and Raju Krishna C

## *Thunbergia grandiflora* (Roxb. ex Rottl.) Roxb.



Kingdom : Plantae  
Division : Angiosperms  
Class : Eudicots  
Order : Lamiales  
Family : Acanthaceae  
Genus : *Thunbergia*  
Species : *T. grandifolia*

Other Names – Bengal clockvine, Bengal trumpet, blue skyflower, blue thunbergia, blue trumpetvine, clockvine, skyflower and skyvine

Distribution: China, India, Nepal, Indochina and Burma

IUCN status:

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Manohar A, Raju Krishna Cand Chandrashekar M B.

## *Agave tequilana* F.A.C.Weber

Kingdom: Plantae  
Division: Angiosperms  
Class : Monocot  
Order: Asparagales  
Family : Asparagaceae  
Genus: *Agave*  
Species: *A. tequilana*



Other Names –Blue agave, tequila agave

Distribution: Jalisco, Colima, Nayarit and Aguascalientes in Mexico

IUCN status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Manohar A, Deepak Kasai, Anand Nasalapure, Divakar M S and Raju Krishna C

## *Agave americana* L.

Kingdom: Plantae  
Division : Angiosperms  
Class: Monocot  
Order: Asparagales  
Family: Asparagaceae  
Genus: *Agave*  
Species: *A. americana*



Synonym – *Agave altissima* Zumagl.

Common Name – Sentry Plant, Century Plant, Maguey Or American Aloe

Distribution – Worldwide

IUCN Status: Least concern

Contribution by: Sowmyashree K, Nityasree B R, Supriya S, Manohar A, Deepak Kasai, Divakar M S, Anand Nasalapure and Raju Krishna C









## ***Eudriluseugeniae* (Kinberg, 1867)**



Kingdom : Animalia  
Phylum : Annelida  
Class : Clitellata  
Subclass : Oligochaeta  
Order : Haplotaxida  
Family : Eudrilidae  
Genus : *Eudrilus*  
Species : *E. eugeniae*

Local Names – Earthworm

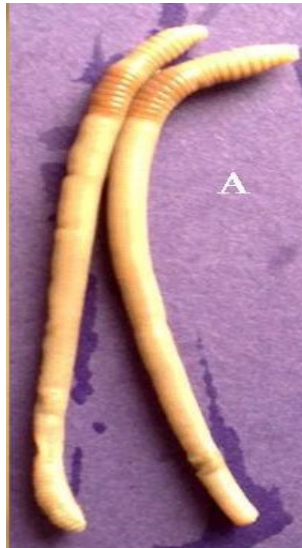
Other Names – African night crawler

Distribution: Native to tropical west Africa and now widespread in warm regions

Contribution by: Ms. Vijetha, Mr. Harish Kumar T.S., Dr. M. Siddaraju and Dr. K.S. Sreepada.

## ***Pontoscolex corethrurus* (Fr. Muller, 1856)**

Kingdom : Animalia  
Phylum : Annelida  
Class : Clitellata  
Subclass : Oligochaeta  
Order : Haplotaxida  
Family : Rhinodrilidae  
Genus : *Pontoscolex*  
Species : *P. corethrurus*



Contribution by: Ms. Vijetha, Mr. Harish Kumar T.S., Dr. M. Siddaraju and Dr. K.S. Sreepada.

## ***Metaphirehouletti* (Perrier, 1872)**



Kingdom : Animalia  
Phylum : Annelida  
Class : Clitellata  
Subclass : Oligochaeta  
Order : Haplotaxida  
Suborder : Lumbricina  
Family : *Megascolecidae*  
Species : *M. houletti*

**Distribution:** Australia, New Zealand, both Southeast and East Asia, and North America.

*Contribution by: Ms.Vijetha, Mr. Harish Kumar T.S., Dr. M. Siddaraju and Dr.K.S.Sreepada.*

## ***Hoplochaetella suctoria* Julka, 1983**

Kingdom : Animalia  
Phylum : Annelida  
Class : Clitellata  
Subclass : Oligochaeta  
Order : Haplotaxida  
Family : Octochaetidae  
Genus : *Hoplochaetella*  
Species : *H. suctoria*



*Contribution by: Ms.Vijetha, Mr. Harish Kumar T.S., Dr. M. Siddaraju and Dr.K.S.Sreepada.*



## *Hoplochaetella karnatakensis* Julka, 1983



Kingdom : Animalia  
Phylum : Annelida  
Class : Clitellata  
Subclass : Oligochaeta  
Order : Haplotaxida  
Family : Octochaetidae  
Genus : *Hoplochaetella*  
Species : *H. karnatakensis*

*Contribution by: Ms.Vijetha, Mr. Harish Kumar T.S., Dr. M. Siddaraju and Dr.K.S.Sreepada.*

(c)npb

A close-up photograph of a snail moving across a vibrant green leaf. The snail's body is a mix of brown and tan with darker spots, and its two long eye stalks are extended. The leaf's texture is clearly visible, and the background is a soft, out-of-focus green.

# MOLLUSCUS

## *Pila globosa*



Kingdom : Animalia  
Phylum : Mollusca  
Class : Gastropoda  
Order : Mesogastropoda  
Family : Ampullariidae  
Genus : *Pila*  
Species : *P.globosa*

Local Names – The apple snail.  
IUCN Status: Least Concern (LC)

Contribution by: Narasimhaiah N and Smitha

## *Bellamya bengalensis*

Kingdom : Animalia  
Phylum : Mollusca  
Class : Gastropoda  
Order : Mesogastropoda  
Family : Viviparidae  
Genus : *Bellamya*  
Species : *B.bengalensis*



Local Names – Freshwater snail, Bellamya  
Other Names – *Vivipara bengalensis* (Preston, 1915)  
IUCN Status: Least Concern (LC)

Contribution by: Narasimhaiah N and Smitha



## ***Mychopoma seticinctum* (Beddome, 1875)**



Kingdom : Animalia  
Phylum : Mollusca  
Class : Gastropoda  
Order : Mesogastropoda  
Family : Cyclophoridae  
Genus : *Mychopoma* (Blanford, 1861)  
Species : *M. seticinctum*

IUCN Status: Least Concern (LC)

Contribution by: Narasimhaiah N and Smitha

## ***Mariaella dussumeri* (Gray, 1885)**

Kingdom : Animalia  
Phylum : Mollusca  
Class : Gastropoda  
Order : Stylommatophora  
Family : Ariophantidae  
Genus : *Mariaella* (Gray, 1855)  
Species : *M. dussumeri*



Local Names – .Land snail

IUCN Status: Least Concern (LC)

Contribution by: Narasimhaiah N and Smith



## *Aspidomorpha* sp.

Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Coleoptera  
Family: Chrysomelidae  
Genus: *Aspidomorpha* sp.



Contributors: *Sheeja Balakrishnan and K.K.Vijayalaxmi*

## *Haltica cyanea*



Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Coleoptera  
Family: Chrysomelidae  
Genus: *Haltica*  
Species: *H. cyanea*

Contributors: *Sheeja Balakrishnan and K.K.Vijayalaxmi*



## *Helicoprís sp.*

Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Coleoptera  
Family: Scarabaeidae  
Genus: *Helicoprís sp.*



Contributors: *Sheeja Balakrishnan and K.K.Vijayalaxmi*

## *Leucopholis burmeisteri*



Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Coleoptera  
Family: Scarabaeidae  
Genus: *Leucopholis*  
Species: *L. burmeisteri*

Contributors: *Sheeja Balakrishnan and K.K.Vijayalaxmi*

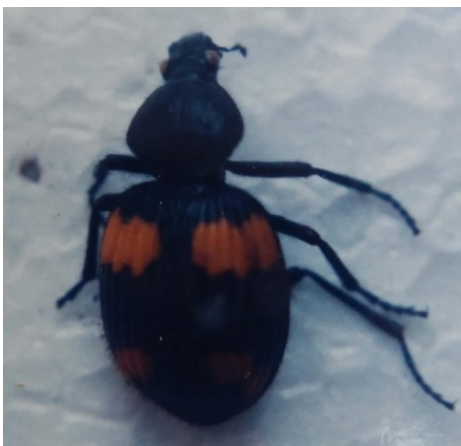
## *Geotropus* sp.

Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Coleoptera  
Family: Scarabaeidae  
Genus: *Geotropus* sp.



Contributors: *Sheeja Balakrishnan and K.K.Vijayalaxmi*

## *Eudema tomentosa*



Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Coleoptera  
Family: Carabidae  
Genus: *Eudema*  
Species: *E.tomentosa*

Contributors: *Sheeja Balakrishnan and K.K.Vijayalaxmi*

## *Lamprophorous tenebrosus*

Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Coleoptera  
Family: Lampyridae  
Genus: *Lamprophorous*  
Species: *L. tenebrosus*



Contributors: *Sheeja Balakrishnan and K.K.Vijayalaxmi*

## *Oryetes rhinoceros*



Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Coleoptera  
Family: Dynastidae  
Genus: *Oryetes*  
Species: *O. rhinoceros*

Contributors: *Sheeja Balakrishnan and K.K.Vijayalaxmi*



## *Agriotes sp.*

Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Coleoptera  
Family: *Elasteridae*  
Genus: *Agriotes sp.*



*Contributors: Mrs. Sheeja Balakrishnan and Dr. K.K.Vijayalaxmi*

## *Adolia sp.*



Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Coleoptera  
Family: *Coccinellidae*  
Genus: *Adolia sp.*

*Contributors: Sheeja Balakrishnan and K.K.Vijayalaxmi*

# INSECT PESTS



## *Plocaederus ferrugineus* L.



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Coleoptera  
Family : Cerambycidae  
Genus : *Plocaederus*  
Species : *P. ferrugineus*

Other Names : trunk and root borer, stem borer

Distribution : They found in India, Nigeria, Thailand, Indonesia.

Contribution by: Soumya M, K.K.Vijaylaxmi

## *Anarsia epotica* (webbing caterpillar)



Kingdom: Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Gelechiidae  
Genus : *Anarsia*  
Species : *Anarsia epotica*

Other Names – Webbing caterpillar

Distribution: They found in India, North America

Contribution by: Soumya M, K.K.Vijaylaxmi



## *Acrocercops syngamma*

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Gracillariidae  
Genus : *Acrocercops*  
Species : *A. syngamma*

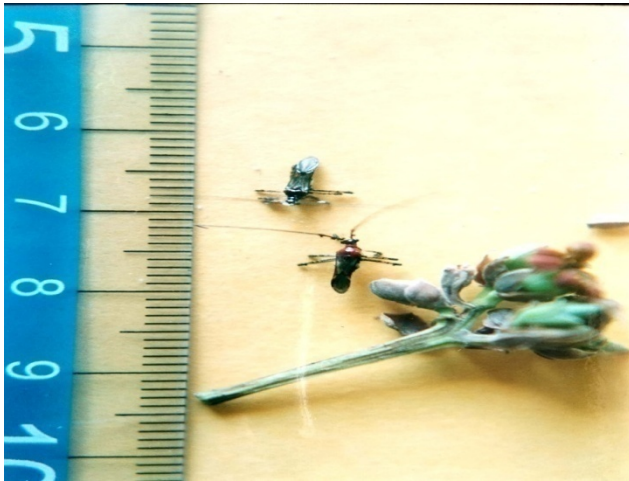


Other Names – *Eteoryctis syngamma*, Leaf Miner

Distribution : They found in India, Thailand, Hong Kong, Andaman Islands and Indonesia.

Contribution by: Soumya M, K.K.Vijaylaxmi

## *Helopeltis antonii* (Tea-Mosquito)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Hemiptera  
Family : Miridae  
Genus : *Helopeltis*  
Species : *H. antonii*

Other Names – Tea-bug, Tea-mosquito

Distribution: India through to west Irian

Contribution by: Soumya M, K.K.Vijaylaxmi

## ***Pseudococcus* spp.(Cashew mealy bug)**

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Hemiptera  
Family : Pseudococcidae  
Genus : *Pseudococcus*  
Species : *Pseudococcus* spp

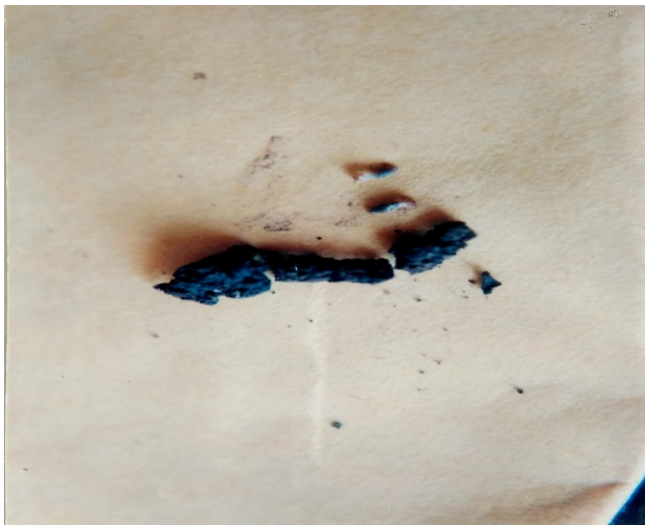


Other Names – Mealy-bug

Distribution: Mealybugs occur in all parts of the world. Most occur naturally only in warmer parts

Contribution by: Soumya M, K.K.Vijaylaxmi

## ***Copotermus formosanus* (Termites)**



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Isoptera  
Family : Rhinotermitidae  
Genus : *Copotermus*  
Specien : *C. formosanus*

Local Names – Termites

Other Names – Formosan subterranean termite

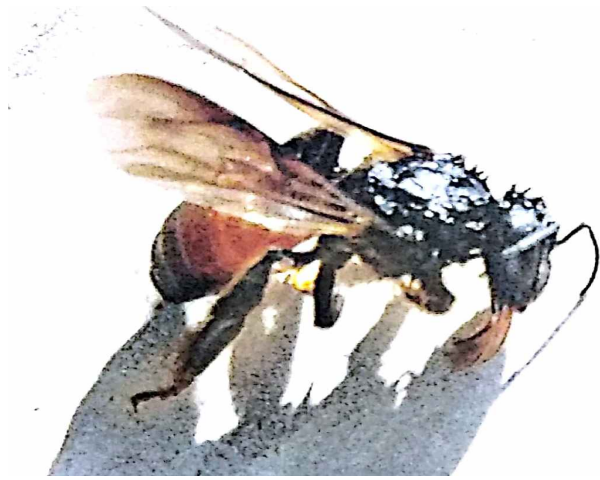
Distribution: They found in Texas, Louisiana, South Carolina, native range in southern China to Formosa and Japan, South Africa, Sri Lanka, Hawaii, and the continental United States.

Contribution by: Soumya M, K.K.Vijaylaxmi





## *Apis cerana* (Asiatic honey bee)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Hymenoptera  
Family : Apidae  
Genus : *Apis*  
Species : *A. cerana*

Local Names : Thuduve jenu

IUCN status: Data Deficient

Contribution by: K. K. Vijayalaxmi

## *Apis dorsata* (Giant Honey bee)

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Hymenoptera  
Family : Apidae  
Genus : *Apis*  
Species : *A. dorsata*



IUCN status: Data deficient

Contribution by: K. K. Vijayalaxmi

# MOSQUITOES



## *Anopheles hyrcanus*



Kingdom : Animalia  
Clade: Euarthropoda  
Class: Insecta  
Order: Diptera  
Family: Culicidae  
Genus: *Anopheles*  
Species: *A. Hyrcanus*

Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*

## *Culex tritaeniorhynchus*

Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Diptera  
Family: Culicidae  
Genus: *Culex*  
Species: *C. tritaeniorhynchus*



Distribution: This mosquito is a native of northern Asia, and parts of Africa (northeast and sub-Saharan), Bangladesh, Cambodia, India, Indonesia, Malaysia, Myanmar, Nepal, Singapore, Sri Lanka, Thailand and Viet Nam

Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*



## *Aedes aegypti*



Kingdom: Animalia  
Phylum: Arthropoda  
Class : Insecta  
Order: Diptera  
Family: Culicidae  
Genus: *Aedes*  
Subgenus: *Stegomyia*  
Species: *A. aegypti*

Other Names – *Aedes (Ochlerotatus) caspius*

Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*

## *Aedes albopictus*

Kingdom: Animalia  
Phylum: Arthropoda  
Clas : Insecta  
Order: Diptera  
Family: Culicidae  
Genus: *Aedes*  
Species: *A. albopictus*



Other Names – *Stegomyia albopicta*

Distribution : India, Indonesia, Papua New Guinea, and the Philippines), *Aedes pseudoalbopictus* (India, Indonesia, Malaysia, Myanmar, Nepal, Taiwan, Thailand, and Vietnam

Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*

## *Aedes vittatus*



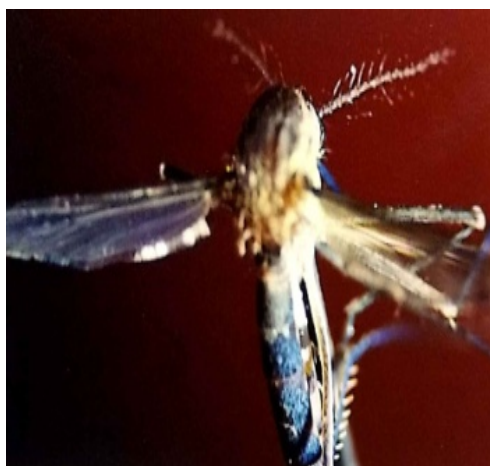
Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Diptera  
Family: Culicidae  
Genus: *Aedes*  
Subgenus: *Fredwardsius*  
Species: *A. vittatus*

Distribution: The species is found in Algeria, Angola, Bangladesh, Benin, Botswana, Burkina Faso, Cambodia, Cameroon, Central African Republic, China, Comoros, Côte d'Ivoire, Democratic Republic of the Congo (Zaire), Djibouti, Ethiopia, France, Gabon, Gambia, Ghana, Guinea, India, Iran etc.

Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*

## *Armigeres obturbans*

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Diptera  
Superfamily: Culicoidea  
Family : Culicidae  
Subfamily : Culicinae  
Genus: *Armigeres*  
Species : *A. obturbans*



Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*

## *Armigeres aureolineatus*



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Diptera  
Superfamily : Culicoidea  
Family : Culicidae  
Subfamily : Culicinae  
Genus : *Armigeres*  
Species : *A. aureolineatus*

Distribution : Sri Lanka, India, Malaya, Cambodia, Nepal, Philippines, Vietnam, Thailand, Indochina, China and Borneo.

Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*

## *Anopheles barbirostris*

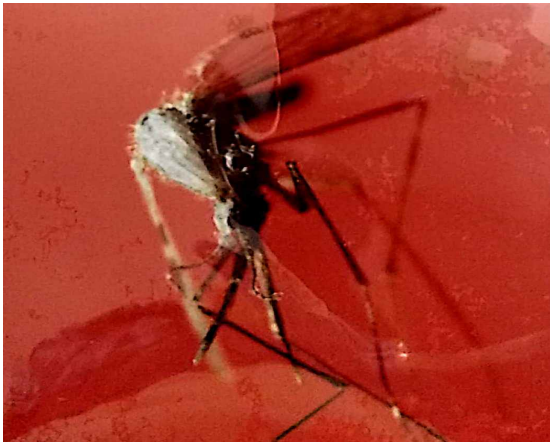
Kingdom: Animalia  
Phylum: Arthropoda  
Class : Insecta  
Order: Diptera  
Superfamily: Culicoidea  
Family: Culicidae  
Subfamily: Anophelinae  
Genus: *Anopheles*  
Species: *A. barbirostris*



Distribution: Sri Lanka and Bangladesh

Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*

## *Anopheles subpictus*



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Diptera  
Superfamily: Culicoidea  
Family : Culicidae  
Subfamily : Anophelinae  
Genus : *Anopheles*  
Species : *A. subpictus*

Distribution: Australasian Zone, Sulawesi, West Timor, South East Asia and Sri Lanka, Afghanistan, Bangladesh, Cambodia, China, India, Indonesia, Iran, Malaysia  
Contribution by: Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.

## *Anopheles stephensi*

Kingdom: Animalia  
Phylum: Arthropoda  
Class: Insecta  
Order: Diptera  
Family: Culicidae  
Genus: *Anopheles*  
Species: *A. stephensi*



Distribution: Afghanistan, Bahrain, Bangladesh, China, Egypt, India, Iran, Iraq, Oman, Pakistan Saudi Arabia, and Thailand

Contribution by: Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.



## *Anopheles karwari*



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Diptera  
Superfamily: Culicoidea  
Family : Culicidae  
Subfamily : Anophelinae  
Genus : *Anopheles*  
Species : *A. karwari*

Distribution: India, and Sri Lanka, Bangladesh, Sumatra, and Java

Contribution by: Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.

## *Anopheles annularis*

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Diptera  
Superfamily: Culicoidea  
Family : Culicidae  
Subfamily : Anophelinae  
Genus : *Anopheles*  
Species : *A. annularis*



Contribution by: Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.

## *Anopheles culiciformis*



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Diptera  
Family : *Culicidae*  
Genus : *Anopheles*  
Species : *A. culicifacies*

Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*

## *Anopheles vagus*

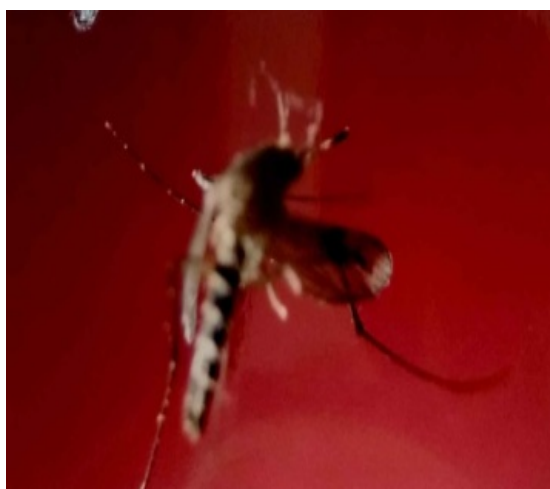
Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Diptera  
Superfamily: Culicoidea  
Family : *Culicidae*  
Subfamily : *Anophelinae*  
Genus : *Anopheles*  
Species : *A. vagus*



**Distribution:** It is found in India, Sri Lanka

Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*

## *Culex vishnui*



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Diptera  
Family : Culicidae  
Genus : *Culex*  
Species : *C.vishnui*

Distribution: India, Sri Lanka, Thailand, and Sarawak

Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*

## *Culex bitaeniorhynchus*

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Diptera  
Superfamily: Culicoidea  
Family : Culicidae  
Subfamily : Culicinae  
Genus : *Culex*  
Species : *C.bitaeniorhynchus*



Contribution by: *Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.*

## *Culex fatigans*



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Diptera  
Family : Culicidae  
Subfamily : Culicinae  
Genus : *Culex*  
Species : *C. fatigans*

Contribution by: Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.

## *Culex fuscanus*

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Diptera  
Superfamily: Culicoidea  
Family : Culicidae  
Subfamily : Culicinae  
Genus : *Culex*  
Species : *C. fuscanus*



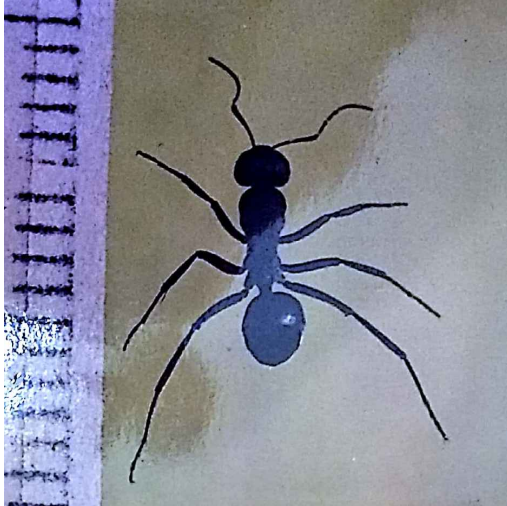
**Distribution:** China, India, Indonesia and Sri Lanka

Contribution by: Ishwa Prasad K. S., Salomy Priya K.M. and Sreepada K. S.



# ANTS

## *Camponotus sericeus* (Carpenter ant)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Hymenoptera  
Family : Formicidae  
Genus : *Camponotus*  
Species : *C. sericeus*

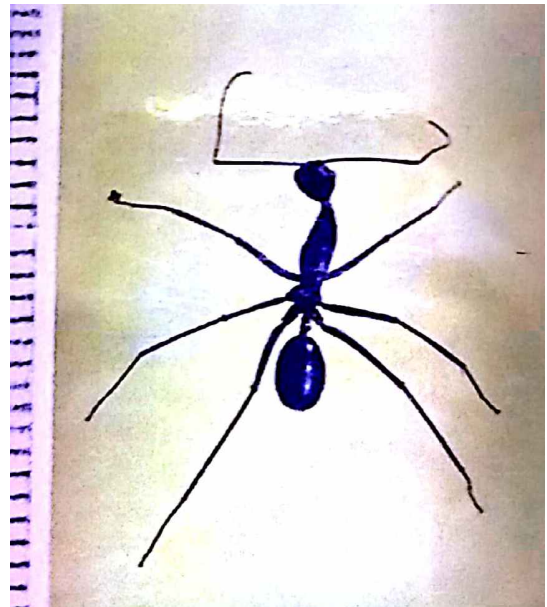
Local Names : Carpenter Ant

IUCN Status: Data Deficient

Contribution by: Deepthi N and Vijayamala

## *Camponotus angusticollis*

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Hymenoptera  
Family : Formicidae  
Genus : *Camponotus*  
Species : *C. angusticollis*

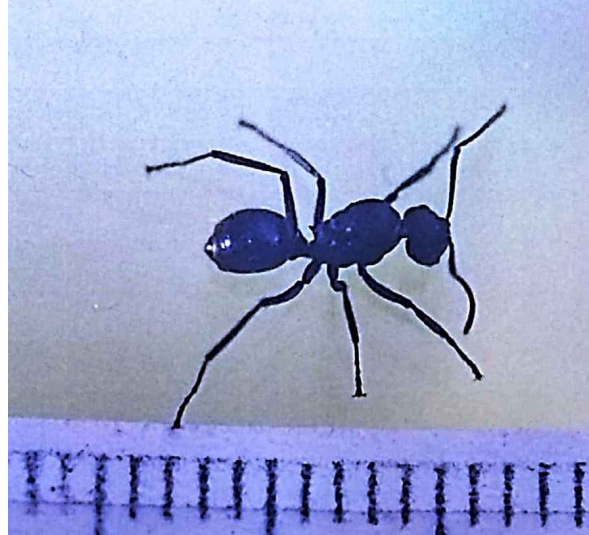


IUCN Status: Data Deficient

Contribution by: Deepthi N and Vijayamala Nair

## *Polyrhachis thrinax*

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Hymenoptera  
Family : Formicidae  
Genus : *Polyrhachis*  
Species : *P. thrinax*



Local Names : -  
IUCN Status: Data Deficient

Contribution by: Deepthi N and Vijayamala Nair

## *Oecophylla smaragdina* (Weaver ant)



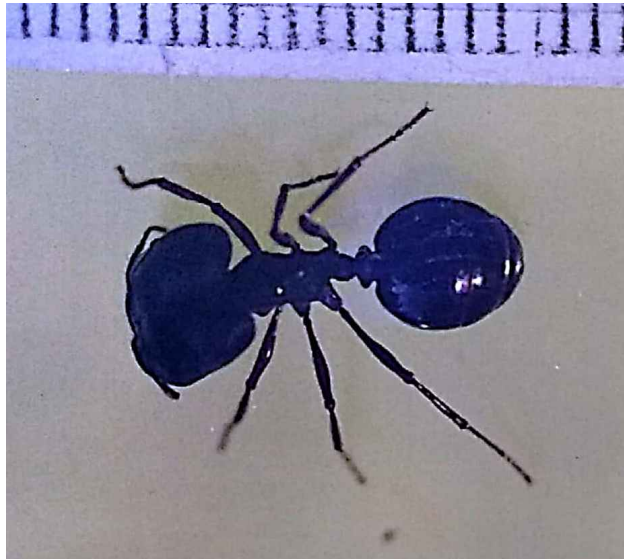
Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Hymenoptera  
Family : Formicidae  
Genus : Oecophylla  
Species : O. smaragdina

Local Names: weaver ant, green ant, green tree ant, and orange gaster  
IUCN Status : Data Deficient

Contribution by: Deepthi N and Vijayamala Nair

## *Pheidologeton diversus* (East Indian harvesting ant)

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Hymenoptera  
Family : Formicidae  
Genus : *Pheidologeton*  
Species : *P. diversus*

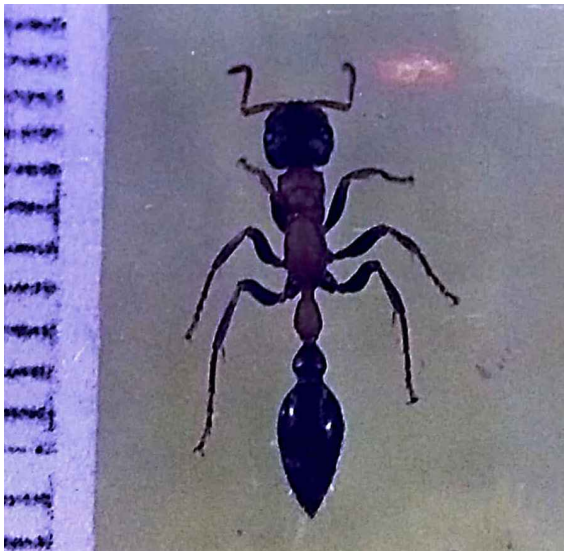


Local Names: -

IUCN Status : Data Deficient

Contribution by: Deepthi N and Vijayamala Nair

## *Tetraponera rufonigra*



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Hymenoptera  
Family : Formicidae  
Genus : *Tetraponera*  
Species : *T. rufonigra*

Local Names: -

IUCN Status: Data Deficient

Contribution by: Deepthi N and Vijayamala Nair



# BUTTERFLIES





***Iambrix salsala***  
**(Chestnut Bob)**



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Hesperidae  
Genus : *Iambrix*  
Species : *I. salsala*

Status: Common  
Wingspan- 26-30mm

Contribution by: Deepak Naik and Mohammed S Mustak

***Tagiades litigiosa***  
**(Water Snow Flat)**



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Hesperidae  
Genus : *Tagiades*  
Species : *T. litigiosa*

Status: Common  
Wingspan 37-44mm

Contribution by: Deepak Naik and Mohammed S Mustak

## (Western Centaur Oakblue)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Lycaenidae  
Genus : *Arhopala*  
Species : *A. pseudocentaurus*

Status: Common

Wingspan- 53-62mm

Contribution by: Deepak Naik and Mohammed S Mustak

## *Surendra quercetorum* (Common Acacia Blue )

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Lycaenidae  
Genus : *Surendra*  
Species : *S. quercetorum*



Status: Locally Common

Wingspan 30-40mm

Contribution by: Deepak Naik and Mohammed S Mustak

*Jamides celeno*  
(Common Cerulean)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Lycaenidae  
Genus : *Jamides*  
Species : *J. celeno*

Status: Common  
Wingspan- 27-40mm

Contribution by: Deepak Naik and Mohammed S Mustak

*Rathinda amor*  
(Monkey Puzzle)

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Lycaenidae  
Genus : *Rathinda*  
Species : *R. amor*



Status: Common  
Wingspan 26-28 mm.

Contribution by: Deepak Naik and Mohammed S Mustak

## *Loxura atymnus* (Yamfly)

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Lycaenidae  
Genus : *Loxura*  
Species : *L. atymnus*



Status: Common  
Wingspan 55-65 mm.

Contribution by: Deepak Naik and Mohammed S Mustak

## *Doleschallia bisaltide* (Autumn Oakleaf)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Doleschallia*  
Species : *C.bisaltide*

Status: Uncommon  
Wingspan 75-85 mm.

Contribution by: Deepak Naik and Mohammed S Mustak



*Kallima horsfieldi*  
(Blue oakleaf)

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Kallima*  
Species : *K. horsfieldi*



Status: Common (**Endemic to South India**)  
Wingspan 85-110mm.

Contribution by: Deepak Naik and Mohammed S Mustak

*Tirumala limniace*  
(Blue Tiger)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Tirumala*  
Species : *T. limniace*

Status: Common  
Wingspan 90-100mm.

Contribution by: Deepak Naik and Mohammed S Mustak

## *Tirumala septentrionis* (Dark Blue Tiger)

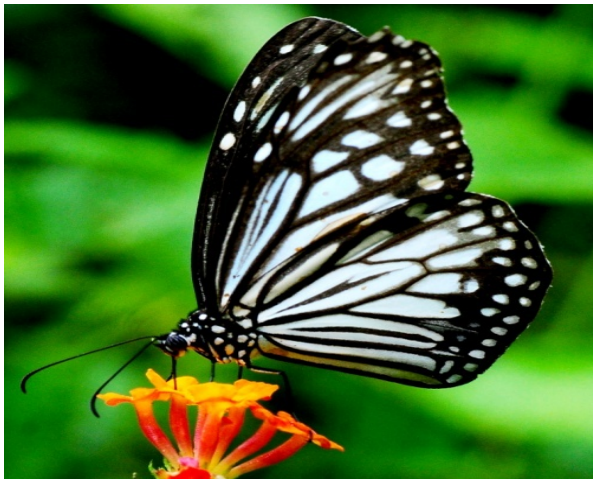
Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Tirumala*  
Species : *T. septentrionis*



Status: Common  
Wingspan 70-80 mm.

Contribution by: Deepak Naik and Mohammed S Mustak  
Photographed by: Nithish P Byndoor

## *Parantica aglea* (Glassy Tiger)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Papilionidae  
Genus : *Parantica*  
Species : *P. aglea*

Status: Common  
Wingspan 80-100 mm.

Contribution by: Deepak Naik and Mohammed S Mustak  
Photographed by: Nithish P Byndoor

***Euploea core***  
**(Common Crow)**

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Euploea*  
Species : *E. core*



Status: Common  
Wingspan 85-95mm

Contribution by: Deepak Naik and Mohammed S Mustak

***Neptis jumbah***  
**(Chestnut-streaked sailer)**



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Neptis*  
Species : *N. jumbah*

Status: Common  
Wingspan 60-70 mm.

Contribution by: Deepak Naik and Mohammed S Mustak

*Neptis hylas*  
(Common sailer)

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Neptis*  
Species : *N. hylas*



Status: Common  
Wingspan 50-60 mm.

Contribution by: Deepak Naik and Mohammed S Mustak

*Junonia atlites*  
(Grey pansy)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Junonia*  
Species : *J. atlites*

Status: Common  
Wingspan 55-65 mm

Contribution by: Deepak Naik and Mohammed S Mustak



*Ariadne merione*  
(Common castor)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Ariadne*  
Species : *A. merione*

Status: Common  
Wingspan 45-60 mm.

Contribution by: Deepak Naik and Mohammed S Mustak

*Ypthima huebneri*  
(Common fourring)

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Ypthima*  
Species : *Y. huebneri*



Status: Common  
Wingspan 30-40 mm

Contribution by: Deepak Naik and Mohammed S Mustak

***Ypthima baldus***  
**(Common fivering)**



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Ypthima*  
Species : *Y. baldus*

Status: Common  
Wingspan 32-48 mm.

Contribution by: Deepak Naik and Mohammed S Mustak

***Pantoporia hordonia***  
**(Common Lascar)**

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Pantoporia*  
Species : *P. hordonia*



Status: Common  
Wingspan 45-50 mm.

Contribution by: Deepak Naik, Mohammed S Mustak and Prashantha Naik  
Photography : Nithis P. Byndoor

***Hypolimnias bolina***  
**(Great eggfly)**



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Hypolimnias*  
Species : *H. bolina*

Status: Common  
Wingspan 70-110 mm.

Contribution by: Deepak Naik and Mohammed S Mustak

***Tanaecia lepidea***  
**(Grey count)**



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Tanaecia*  
Species : *T. lepidea*

Status: Common  
Wingspan 65-80 mm.

Contribution by: Deepak Naik and Mohammed S Mustak

*Orsotrioena medus*  
(Medus brown)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Orsotrioena*  
Species : *O. medus*

Status: Common  
Wingspan 45-55 mm

Contribution by: Deepak Naik and Mohammed S Mustak

*Cupha erymanthis*  
(Rustic)

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Cupha*  
Species : *C. erymanthis*



Status: Common  
Wingspan 50-60 mm

Contribution by: Deepak Naik and Mohammed S Mustak



## *Cirrochroa thais* (Tamil yeoman)



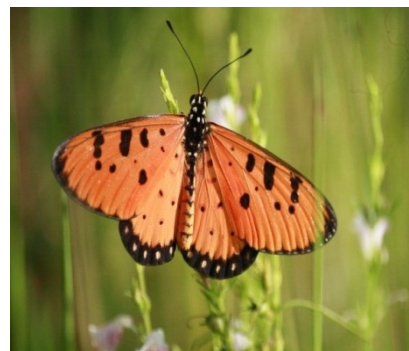
Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Cirrochroa*  
Species : *C. thais*

Status: Common  
Wingspan 60-75 mm

Contribution by: Deepak Naik and Mohammed S Mustak

## *Acraea terpiscore* (Tawny coster)

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Acraea*  
Species : *A. terpiscore*



Status: Common  
Wingspan 50-65mm

Contribution by: Deepak Naik and Mohammed S Mustak

***Elymnias caudate***  
**(Tailed palmfly)**



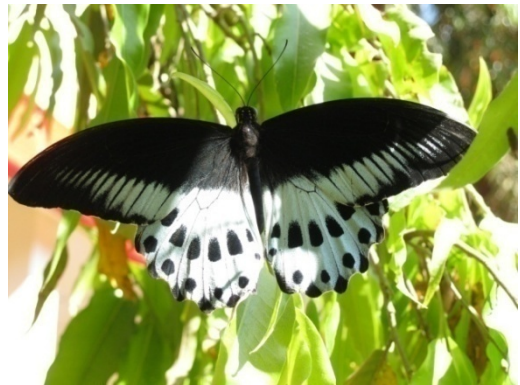
Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Nymphalidae  
Genus : *Elymnias*  
Species : *E. caudata*

Status: Common  
Wingspan 60-80mm

Contribution by: Deepak Naik and Mohammed S Mustak

***Papilio polymnestor***  
**(Blue Mormon)**

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Papilionidae  
Genus : *Papilio*  
Species : *P. polymnestor*



Status: Common  
Wingspan 120-150mm

Contribution by: Deepak Naik and Mohammed S Mustak

## *Pachliopta hector* (Crimson Rose)



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Papilionidae  
Genus : *Papilio*  
Species : *P. hector*

Status: Common  
Wingspan 90-110mm

Contribution by: Deepak Naik and Mohammed S Mustak

## *Pachliopta aristolochiae* (Common Rose)

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Papilionidae  
Genus : *Pachliopta*  
Species : *P. aristolochiae*



Status: Common  
Wingspan 80-110mm

Contribution by : Deepak Naik and Mohammed S Mustak  
Photographed by : Nithish P Byndoor

***Graphium teredon***  
**(Narrow-banded Bluebottle)**



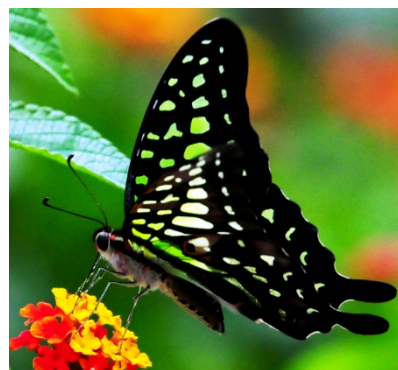
Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Papilionidae  
Genus : *Graphium*  
Species : *G. teredon*

Status: Common  
Wingspan 80-110mm

Contribution by : Deepak Naik and Mohammed S Mustak  
Photographed by: Nithish P Byndoor

***Graphium agamemnon***  
**(Tailed Jay)**

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Papilionidae  
Genus : *Graphium*  
Species : *G. agamemnon*



Status: Common  
Wingspan 80-110mm

Contribution by : Deepak Naik and Mohammed S Mustak  
Photographed by : Nithish P Byndoor



***Troides minos***  
**(Sahyadri Birdwing)**



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Papilionidae  
Genus : *Troides*  
Species : *T. minos*

Status: Common ( Endemic to Western Ghats)  
Wingspan 140-190mm

Contribution by: Deepak Naik and Mohammed S Mustak

***Catopsilia pomona***  
**(Common Emigrant)**

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Pieridae  
Genus : *Catopsilia*  
Species : *C. pomona*



Status: Common  
Wingspan 55-80mm

Contribution by: Deepak Naik and Mohammed S Mustak

***Eurema hecabe***  
**(Common Grass Yellow)**



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Pieridae  
Genus : *Eurema*  
Species : *E. hecabe*

Status: Common  
Wingspan 40-45mm

Contribution by: Deepak Naik and Mohammed S Mustak

***Delias eucharis***  
**(Common Jezebel)**

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Pieridae  
Genus : *Delias*  
Species : *D. eucharis*



Status: Common  
Wingspan : 66-83mm

Contribution by: Deepak Naik and Mohammed S Mustak

*Eudocimameterna*  
Dot-underwing moth

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Erebidae  
Genus : *Eudocima*  
Species : *E. materna*



Other names: Dot-underwing moth, *Phalaena maternal*, *Noctuahybrida*

Contribution by: Sheeja Balakrishnan and K.K. Vijayalaxmi

*Hippotion* sp.  
Vine hawk-moth



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Sphingidae  
Genus : *Hippotion*  
Species : *Hippotion* sp.

Other names: Vine hawk-moth or silver- striped hawk-moth

Contribution by: Sheeja Balakrishnan and K.K. Vijayalaxmi

*Antheraea pernyi*  
**Temperate tussar moth**

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Insecta  
Order : Lepidoptera  
Family : Saturniidae  
Genus : *Antheraea*  
Species : *A. pernyi*



Other names: Temperate tussar moth or Chinese tasar moth

Contribution by: Sheeja Balakrishnan and K.K. Vijayalaxmi



# SPIDERS

с)npb



## Araneidae: *Argiope pulchella*



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Arachnida  
Order : Araneae  
Family : Araneidae  
Genus : *Argiope*  
Species : *A. pulchella*

Other Names – Garden cross spider

Distribution : It ranges from India to China and can be found on Java Lanka (Nayikayam Thattu, Kerala, India).

Contribution by: Nambiar Shilpa Ravindran

## Salticidae: *Hyllus semicupreus*

Kingdom : Animalia  
Phylum : Arthropoda  
Class : Arachnida  
Order : Araneae  
Family : Salticidae  
Genus : *Hyllus*  
Species : *H. semicupreus*



Other Names – semi-coppered heavy jumper

Distribution: It is native to India and Sri Lanka

Contribution by: Nambiar Shilpa Ravindran

## Thermidiosomatidae: *Theridula angula*



Kingdom : Animalia  
Phylum : Arthropoda  
Class : Arachnida  
Order : Araneae  
Suborder : Araneomorphae  
Superfamily : Araneoidea  
Family : Theridiidae  
Subfamily : Theridiinae  
Genus : *Theridula*  
Species : *T. angula*

Other Names – **Pearl Spider**

Distribution : Kadavoor, Kerala, Kottayam, India.

Contribution by: Nambiar Shilpa Ravindran

## Pimoidae

Kingdom : Animalia  
Phylum : Arthropoda  
Subphylum: Chelicerata  
Class : Arachnida  
Order : Araneae  
Family : Pimoidae  
Species : *P. cthulhu*



Distribution : The Pimoidae form a relictual group along the western coast of North America, Europe (Alps, Apennines and Cantabrian Mountains of northern Spain) and the Himalayas.

Contribution by: Nambiar Shilpa Ravindran

## Family: *Linyphiidae*



Kingdom : Animalia  
Phylum : Arthropoda  
Subphylum : Chelicerata  
Class : Arachnida  
Order : Araneae  
Infraorder : Araneomorphae  
Superfamily: Araneoidea  
Family : Linyphiidae

Other Names – sheet weavers or money spiders

Distribution: It is found in United Kingdom, Ireland, Australia, New Zealand, and in Portugal.

Contribution by: Nambiar Shilpa Ravindran

## Oonopidae: *Oxyopes javanus*

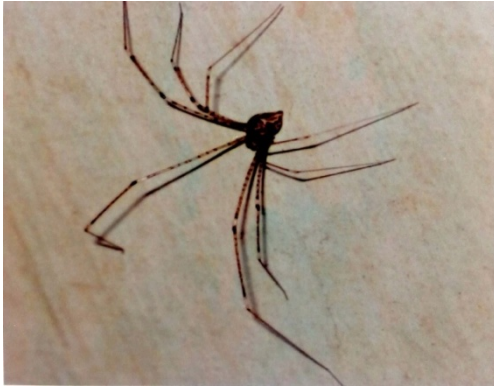


Kingdom : Animalia  
Phylum : Arthropoda  
Class : Arachnida  
Order : Araneae  
Suborder : Araneomorphae  
Family : Oxyopidae  
Genus : *Oxyopes*  
Species : *O. javanus*

Contribution by: Nambiar Shilpa Ravindran



## Corinnidae: *Crossopriza lyoni*



Kingdom : Animalia  
Phylum : Arthropoda  
Subphylum: Chelicerata  
Class : Arachnida  
Order : Araneae  
Infraorder : Araneomorphae  
Family : Pholcidae  
Genus : *Crossopriza*  
Species : *C. lyoni*

Distribution : *C. lyoni* has been introduced to most of the world, including Australia, Asia, Africa, Europe, North and South America, and some Pacific islands.

Contribution by: Nambiar Shilpa Ravindran

## Family: *Salticidae*

Kingdom : Animalia  
Phylum : Arthropoda  
Subphylum: Chelicerata  
Class : Arachnida  
Order : Araneae  
Infraorder : Araneomorphae  
Family : Salticidae



Other Names – Jumping spider

Distribution : Nearctic (Native ), Palearctic (Native ), Oriental (Native ), Ethiopian (Native ), Neotropical (Native ), Australian (Native ).

Contribution by: Nambiar Shilpa Ravindran and Rajashekhar K. Patil

## Family: *Salticidae*



Kingdom : Animalia  
Phylum : Arthropoda  
Subphylum: Chelicerata  
Class : Arachnida  
Order : Araneae  
Infraorder : Araneomorphae  
Family : Salticidae

Other Names – Jumping spider

Distribution: Nearctic (Native ), Palearctic (Native ), Oriental (Native ), Ethiopian (Native ), Neotropical (Native ), Australian (Native ).

Contribution by: Nambiar Shilpa Ravindran and Rajashekhar K. Patil

## Family: *Pisauridae: Plexippus petersi*

Kingdom : Animalia  
Phylum : Arthropoda  
Subphylum: Chelicerata  
Class : Arachnida  
Order : Araneae  
Family : Salticidae  
Subfamily : Plexippinae  
Genus : *Plexippus*  
Species : *P. petersi*



Contribution by: Nambiar Shilpa Ravindran

## Family: *Sicariidae*



Kingdom : Animalia  
Phylum : Arthropoda  
Subphylum: Chelicerata  
Class : Arachnida  
Order : Araneae  
Suborder : Araneomorphae  
Superfamily: Scytodoidea  
Family : Sicariidae

Contribution by: Nambiar Shilpa Ravindran

## Family: *Nemisiidae: Nephila pilipes*

Kingdom : Animalia  
Phylum : Arthropoda  
Subphylum: Chelicerata  
Class : Arachnida  
Order : Araneae  
infraorder : Araneomorphae  
Family : Araneidae  
Genus : *Nephila*  
Species : *N. pilipes*



Distribution : *Nephila pilipes* is a species of golden orb-web spider. It can be found in Japan, China, Vietnam, Cambodia, Taiwan, Malaysia, Singapore, Myanmar, Indonesia, Thailand, Laos, Philippines, Sri Lanka, India, Nepal, Papua New Guinea, and Australia.

Contribution by: Nambiar Shilpa Ravindran

# AMPHIBIANS





## ***Duttaphrynus melanostictus* (Terrestrial toad)**



Kingdom: Animalia  
Phylum: Chordata  
Class: Amphibia  
Order : Anura  
Family: Bufonidae  
Genus: *Duttaphrynus*  
Species: *Duttaphrynus melanostictus*

Other Names – Asian common toad

IUCN status: Least Concern (LC)

Contribution by: VMN and KSK

## ***Euphlyctis aloysii* (Aquatic frog)**

Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Dicroglossidae  
Genus : *Euphlyctis*  
Species : *Euphlyctis aloysii*



Other Names – Aloysius pond frog

IUCN status: Data deficient

Contribution by: VMN and KSK

## *Euphlyctis cyanophlyctis* (Aquatic frog)



Kingdom : Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Dicroglossidae  
Genus : *Euphlyctis*  
Species : *Euphlyctis cyanophlyctis*

Other Names – Indian skipper frog  
IUCN status: Least Concern (LC)

Contribution by: VMN and KSK

## *Fejervarya caperata* (semi-aquatic frog)

Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Dicroglossidae  
Genus : *Fejervarya*  
Species : *Fejervarya caperata*



Other Names – Wrinkled Fejervarya  
IUCN status: Data deficient

Contribution by: VMN and KSK

## ***Fejervarya rufescens*(Burrowing frog)**



Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Dicroglossidae  
Genus : *Fejervarya*  
Species : *Fejervarya rufescens*

Other Names – Burrowing frog  
IUCN status: Least Concern (LC)

Contribution by: VMN and KSK

## ***Hoplobatrachus tigerinus*(semi-aquatic frog)**

Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Dicroglossidae  
Genus : *Hoplobatrachus*  
Species : *Hoplobatrachus tigerinus*



Other Names – Indian bull frog  
IUCN status: Least concerned (LC)

Contribution by: VMN and KSK

## *Sphaerotheca dobsonii* (borrowing frog)

Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Dicroglossidae  
Genus : *Sphaerotheca*  
Species : *Sphaerotheca dobsonii*



Other Names – Dobson’s burrowing frog

IUCN status: Least concerned (LC)

Contribution by: VMN and KSK

## *Microhyla ornate* (semi-aquatic frog)



Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Microhylidae  
Genus : *Microhyla*  
Species : *Microhyla ornata*

Other Names – Ornate narrow-mouthed frog,

IUCN status: Least Concern (LC)

Contribution by: VMN and KS



## *Hylarana aurantiaca* (semi-arboreal frog)

Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Ranidae  
Genus : *Hylarana*  
Species : *Hylarana aurantiaca*



Other Names – Golden frog

IUCN status: Vulnerable

Contribution by: VMN and KSK

## *Hylarana malabarica* (semi-aquatic frog)



Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Ranidae  
Genus : *Hylarana*  
Species : *Hylarana malabarica*

Other Names – Fungoid frog

IUCN status: Least Concern (LC)

Contribution by: VMN and KSK

## *Indirana beddomii* (semi- aquatic frog)

Kingdom : Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Ranixalidae  
Genus : *Indirana*  
Species : *Indirana beddomii*



Other Names – Beddome’s leaping frog  
IUCN status: Least concerned (LC)

Contribution by: VMN and KSK

## *Polypedates maculates* (Arboreal frog)



Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Rhacophoridae  
Genus : *Polypedates*  
Species : *Polypedates Maculates*

IUCN status: Least Concern (LC)

Contribution by: VMN and KSK

## ***Polypedates occidentalis* (Arboreal frog)**

Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Rhacophoridae  
Genus : *Polypedates*  
Species : *Polypedates Occidentalis*



Other Names – Western tree frog

IUCN status: Data deficient

Contribution by: VMN and KSK

## ***Pseudophilautus wynaadensis* (Arboreal frog)**



Kingdom : Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Rhacophoridae  
Genus : *Pseudophilautus*  
Species : *Pseudophilautus Wynaadensis*

Other Names – Wayanad bush frog

IUCN status: Endangered

Contribution by: VMN and KSK

## ***Raorchestescharius* (arboreal frog)**

Kingdom : Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Rhacophoridae  
Genus : *Raorchestes*  
Species : *Raorchestes charius*



Other Names – Seshachar’s bush Frog

IUCN status: Endangered

Contribution by: VMN and KSK

## ***Rhacophorus malabaricus* (Arboreal frog)**



Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Rhacophoridae  
Genus : *Rhacophorus*  
Species : *Rhacophorus malabaricus*

Other Names – Malabar gliding frog

IUCN status: Least concerned

Contribution by: VMN and KSK





# SNAKES

**NPA** Nitish P Byndoor

## *Oligodon arnensis* (Banded Kukri)



Kingdom: Animalia  
Phylum : Chordata  
Class : Reptilia  
Order : Squamata  
Family : Colubridae  
Genus : *Oligodon*  
Species : *O.arnensis*

Local Names – Kukri snake;  
Other Names – Banded kukriCommon kukri.  
IUCN status: Least Concern (LC)

Contribution by: K M Balakrishna

## Black headed kukri *Unidentified*

Kingdom: Animalia  
Phylum : Chordata  
Class : Amphibia  
Order : Anura  
Family : Dicroglossidae  
Genus : *Hoplobatrachus*  
Species : *H. tigerinus*



Local Names – Barsati mendak; Gonkra kappe; Kappe;  
Other Names – Indian bullfrog / Tiger frog  
IUCN status: Least Concern (LC)

Contribution by: K M Balakrishna

## *Naja naja* (Indian Cobra)

Kingdom: Animalia  
Phylum : Chordata  
Class : Reptilia  
Order : Squamata  
Family : Elapidae  
Genus : *Naja*  
Species : *Naja naja*



Local Names – Nagara haavu;  
Other Names – Indian Cobra;  
IUCN status: Least Concern (LC)  
Contribution by: K M Balakrishna

## *Ptyas mucosa* (Indian Rat Snake)



Kingdom: Animalia  
Phylum : Chordata  
Class : Reptilia  
Order : Squamata  
Family : Colubridae  
Genus : *Ptyas*  
Species : *P. mucosa*

Local Names – Kere Haavu;Dhaman;  
Other Names – Rat snake  
IUCN status: Least Concern (LC)

Contribution by: K M Balakrishna



## *Daboia russelii* (Russell's Viper)

Kingdom: Animalia  
Phylum : Chordata  
Class : Reptilia  
Order : Squamata  
Family : Viperidae  
Genus : *Daboia*  
Species : *D. russelii*



Local Names – Kannadi haavu; Mandala haavu;  
Other Names – Viper;  
IUCN status: Least Concern (LC)

Contribution by: K M Balakrishna

## (Indian Rat Snake)



Kingdom: Animalia  
Phylum : Chordata  
Class : Reptilia  
Order : Squamata  
Family : Colubridae  
Genus : *Ptyas*  
Species : *P. mucosa*

Local Names – Mara Haavu;  
Other Names – Rat snake  
IUCN status: Least Concern (LC)  
Contribution by: K M Balakrishna



*Ptyas mucosa*  
(Indian Rat Snake)

Kingdom: Animalia  
Phylum : Chordata  
Class : Reptilia  
Order : Squamata  
Family : Colubridae  
Genus : *Ptyas*  
Species : *P. mucosa*



Local Names – Kere Haavu;Dhaman;

Other Names – Rat snake

IUCN status: Least Concern (LC)

Contribution by: K M Balakrishna

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# BIRDS

## *Ardeola grayii* (Indian Pond-Heron)



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Pelecaniformes  
Family : Ardeidae  
Genus : *Ardeola*  
Species : *A. grayii*

Local Names : Kolada Baka  
IUCN Status: Least Concern

Contribution by: Vineeth Kumar K

## *Bubulcus ibis* (Cattle Egret)

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Pelecaniformes  
Family : Ardeidae  
Genus : *Bubulcus*  
Species : *B. ibis*



Local Names : Govakki  
IUCN Status: Least Concern

Contribution by: Bhagya U J and Vineeth Kumar K

## *Milvus migrans* (Black kite)



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Accipitriformes  
Family : Accipitridae  
Genus : *Milvus*  
Species : *M. migrans*

Local Names : Haddhu  
IUCN Status: Least Concern

Contribution by : Vineeth Kumar K and Jagdish G Paithankar

## *Haliastur indus* (Brahminy kite)

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Accipitriformes  
Family : Accipitridae  
Genus : *Haliastur*  
Species : *H. indus*



Local Names : Bili Garuda  
IUCN Status: **Least Concern**

Contribution by: Vineeth Kumar K



## *Athene brama* (Spotted Owlet)



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Strigiformes  
Family : Strigidae  
Genus : *Athene*  
Species : *A. brama*

Local Names : Halakki  
IUCN Status: Least Concern

Contribution by: Vineeth Kumar K and Donald Preetham Henry

## *Vanellus malabaricus* (Yellow Wattled Lapwing)

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Charadriiformes  
Family : Charadriidae  
Genus : *Vanellus*  
Species : *V. malabaricus*



Local Names : Rudhira TiTTibha  
IUCN Status: Least Concern

Contribution by: Vineeth Kumar K and Bhagya U J

## ***Terpsiphone paradise* (Indian Paradise Flycatcher)**



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Passeriformes  
Family : Monarchidae  
Genus : *Terpsiphone*  
Species : *T. paradisi*

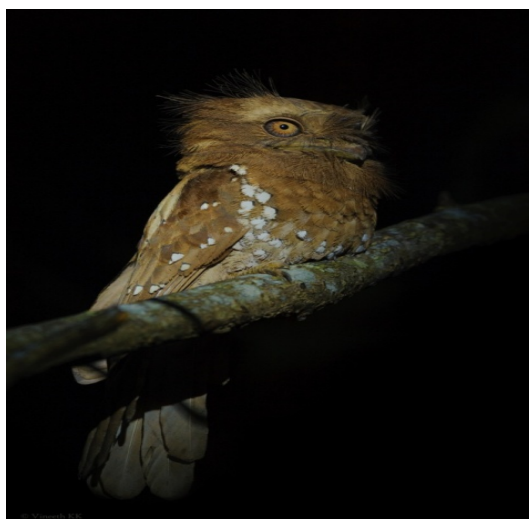
Local Names : Halakki

IUCN Status: Least Concern

Contributed by : Vineeth Kumar K

## ***Batrachostomus moniliger* (Srilankan Frogmouth)**

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Caprimulgiformes  
Family : Podargidae  
Genus : *Batrachostomus*  
Species : *B. moniliger*



IUCN Status : Least Concern

Contributed by : Vineeth Kumar K

## *Alcedo atthis* (Common Kingfisher)



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Coraciiformes  
Family : Alcedinidae  
Genus : *Alcedo*  
Species : *A. atthis*

Local Names : Neeli Minchulli

IUCN Status: Least Concern

Contributed by: Vineeth Kumar K

## *Dendrocitta vagabunda* (Rufous treepie)

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Passeriformes  
Family : Corvidae  
Genus : *Dendrocitta*  
Species : *D. vagabunda*



Local Names : Mata Pakshi

IUCN Status : Least Concern

Contributed by: Vineeth Kumar K

## ***Saxicola caprata* (Pied Bushchat)**



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Coraciiformes  
Family : Alcedinidae  
Genus : *Alcedo*  
Species : *A. atthis*

Local Names: Kappu Bili Beli Chataka  
IUCN Status : Least Concern

Contributed by :Vineeth Kumar K and Bhagya U J

## ***Turdoides affinis* (Yellow Billed Babbler)**

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Passeriformes  
Family : Leiothrichidae  
Genus : *Turdoides*  
Species : *T. affinis*



Local Names: Haladi Kokkina Harate Malla  
IUCN Status: Least Concern

Contributed by: Vineeth Kumar K



## ***Aegithina tiphia* (Common Iora)**



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Passeriformes  
Family : Alcedinidae  
Genus : *Aegithina*  
Species : *A. tiphia*

Local Names: Common Iora

IUCN Status: Least Concern

Contribution by: Vineeth Kumar K

## ***Tephrodornis pondicerianus* (Common Woodshrike)**

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Passeriformes  
Family : Aegithinidae  
Genus : *Tephrodornis*  
Species : *T. pondicerianus*



Local Names: Adavi Keechuga

IUCN Status: Least Concern

Contribution by: Vineeth Kumar K and Jagdish G Paithankar

## *Nectarinia asiatica* (Purple sun bird)



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Passeriformes  
Family : Nectarinidae  
Genus : *Nectarinia*  
Species : *N. asiatica*

Local Names – Purple Sunbird

IUCN Status: Least Concern

Contribution : Ramitha M and K. K. Vijayalaxmi

## *Lonchura malaca* (Black headed munia)

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Passeriformes  
Family : Plocoidae  
Genus : *Lonchura*  
Species : *L. malaca*



Local Names – Black-headed Munia

IUCN Status: **Least Concern**

Contribution : Nithish P Byndoor and Prashantha Naik

## *Merops orientalis* (Small green bee-eater)



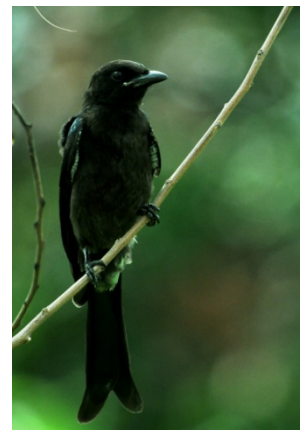
Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Coractiiformes  
Family : Meropidae  
Genus : *Merops*  
Species : *M. orientalis*

Local Names – Green Bee-eater  
IUCN Status: Least concern

Contribution : Nithish P Byndoor and Prashantha Naik

## *Dicrurus adsimilis* (Black drongo/ king crow)

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Passeriformes  
Family : Dicruridae  
Genus : *Dicrurus*  
Species : *D. adsimilis*



Local Names – Fork-tailed Drongo  
IUCN Status: **Least Concern**

Contribution : Nithish P Byndoor and Prashantha Naik

## *Vanellus indicus* (Red wattled lapwing)



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Charadriiformes  
Family : Charadriidae  
Genus : *Vanellus*  
Species : *V. indicus*

Local Names – Red-wattled Lapwing, Red-wattled Plover  
IUCN Status: Least Concern

Contribution : *Nithish P Byndoor and Prashantha Naik*

## *Seudynamys scolopacea* (Koel)

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Cuculiformes  
Family : Cuculidae  
Genus : *Seudynamys*  
Species : *S. scolopacea*



Local Names – Western Koel  
IUCN Status: Least Concern

Contribution : *Nithish P. Byndoor and Prashantha Naik*



## *Centropus sinensis* (Crow pheasant)



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Cuculiformes  
Family : Cuculidae  
Genus : *Centropus*  
Species : *C. Sinensis*

Local Names – Greater Coucal  
IUCN Status: Least Concern

Contribution : Ramitha M

## *Charadrius dubius*(Little ringed plover)

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Charadriiformes  
Family : Charadriidae  
Genus : *Charadrius*  
Species : *Dubius*



Local Names – Little Ringed Plover  
IUCN Status: Least Concern

Contribution : Ramitha M

## ***Oriolus oriolus* (Golden oriole)**



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Passeriformes  
Family : Oriolidae  
Genus : *Oriolus*  
Species : *O. oriolus*

Local Names – Indian Golden Oriole  
IUCN Status: Least Concern

Contribution : Ramitha M

## ***Oriolus xanthropus* (Black headed oriole)**

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Passeriformes  
Family : Oriolidae  
Genus : *Oriolus*  
Species : *O. xanthropus*



Local Names – Black-hooded Oriole  
IUCN Status: Least Concern

Contribution : Ramitha M

## *Coracias benghalensis* (Blue jay/ Indian roller)

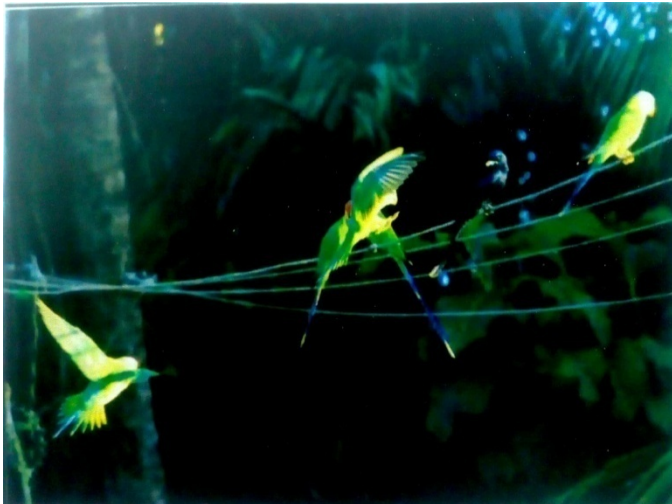


Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Coraciiformes  
Family : Coraciidae  
Genus : *Coracias*  
Species : *C. benghalensis*

Local Names – Indian Roller  
IUCN Status: Least Concern

Contribution : Ramitha M

## *Psittacula krameri*(Rose-ringed parakeet )



Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Psittaciformes  
Family : Psittacidae  
Genus : *Psittacula*  
Species : *P. krameri*

Local Name – Gili, Tota.

Other Name – Indian ring-necked parakeet, *Psittacus krameri* Scopoli, Parrot.

IUCN Status – Least Concern (LC)

Contribution by: Sunitha D and K. K Vijayalakshmi

## *Milvus migrans* (Pariah kite)

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Accipitriformes  
Family : Accipitridae  
Genus : *Milvus*  
Species : *M. migrans*



Local Name – Haddhu and Giduga.

Other Name – Falco migrans Boddaert, Milvus affinis, Milvus ater, Milvus melanotis Kimberley kite. and Black kite

IUCN Status – Least Concern (LC)

Contribution by: Vijay Mala Nair and Santhosh Kumar

## *Corves splendens*(House crow)

Kingdom : Animalia  
Phylum : Chordata  
Class : Aves  
Order : Passeriformes  
Family : Corvidae  
Genus : *Corvus*  
Species : *C. splendens*



Local Name – Kaage

Other Name –Indian House Crow

IUCN Status – Least Concern (LC)

Contribution by: Sunitha D and K. K Vijayalakshmi





## *Pteropus giganteus*



Kingdom : Animalia  
Phylum : Chordata  
Class : Mammalia  
Order : Chiroptera  
Suborder : Megachiroptera  
Family : Pteropodidae  
Genus : *Pteropus*  
Species : *P. giganteus*

Local Names – Bat

Other Names – Indian flying fox on foraging flight

Contribution by: Nachiketha S.R. and Dr. Sreepada K.S.

## *Megaderma lyra*

Kingdom: Animalia  
Phylum : Chordata  
Class : Mammalia  
Order : Chiroptera  
Family : Megadermatidae  
Genus : *Megaderma*  
Species : *M. lyra*



Local Names – Bat

Other Names – Megaderma Lyra ( Indian false vampire bat)

Distribution: South Asia and Southeast Asia. It occurs in Afghanistan, Bangladesh, Burma, Cambodia, China, India, Laos, Malaysia, Nepal, Pakistan, Sri Lanka, Thailand, and Vietnam.

Contribution by: Nachiketha S.R. and Dr. Sreepada K.S.

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Kingdom : Animalia  
Phylum : Chordata  
Class : Mammalia  
Order : Chiroptera  
Suborder : Megachiroptera  
Family : Pteropodidae  
Genus : *Pteropus*  
Species : *P. giganteus*

Local Names – Bat

Other Names –Indian flying fox on foraging flight

Contribution by: Nachiketha S.R. and Sreepada K.S.

## *Megaderma lyra*

Kingdom: Animalia  
Phylum : Chordata  
Class : Mammalia  
Order : Chiroptera  
Family : Megadermatidae  
Genus : *Megaderma*  
Species : *M. lyra*



Local Names – Bat

Other Names –Megaderma Lyra ( Indian false vampire bat)

Distribution: South Asia and Southeast Asia. It occurs in Afghanistan, Bangladesh, Burma, Cambodia, China, India, Laos, Malaysia, Nepal, Pakistan, Sri Lanka, Thailand, and Vietnam.

Contribution by: Nachiketha S.R. and Sreepada K.S.

## Some of the Publications of Mangalore University Campus Biodiversity

Chandra, K. Sharath, and M. Rajashekhar. "Distribution pattern of freshwater cyanobacteria in Kaiga region of Western Ghats of Karnataka." *Journal of Phytology* 7 (2015): 10-18.

Greeshma, A. A., K. R. Sridhar, and M. Pavithra. "Macrofungi in the lateritic scrub jungles of southwestern India." *Journal of Threatened Taxa* 7.11 (2015): 7812-7820.

Karun, N. C. "Studies on macrofungi and aquatic hyphomycetes of the Western Ghats and West Coast of India." *Mangalore University, Mangalore, India* (2014).

Naik, Deepak, and Mohammed S. Mustak. "A checklist of butterflies of Dakshina Kannada District, Karnataka, India." *Journal of Threatened Taxa* 8.12 (2016): 9491-9504.

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Rao S., Srikanth, K, Shreya, V. Ashwini , K. N. Rekha K N and K B Shenoy, "Spider diversity on Mangalore University Campus" *Journal of Entomology and Zoology Studies*6(2) (2018): : 3186-3194.

Shetty, B. V., and K. M. Kaveriappa. "An arboretum of endemic plants of Western Ghats at Mangalore University campus, Karnataka, India." *Zoos' Print Journal* 16.3 (2001): 431-438.



## Diversity of Macrofungi of Mangalore University Campus Sridhar, K.R.\*

Adjunct Professor, Department of Biosciences, Mangalore University, Mangalagangothri, Mangalore  
574 199, Karnataka, India

\*E-mail: kandikere@gmail.com

### Overview:

Biodiversity refers to variety of bioresources and their interaction with a given environment. Evaluation of such diversity depicts current status of the ecosystem and in turn guide to follow future conservation measures. Macrofungi (=mushrooms) constitute an important segment of life systems (like plants and animals) involved in decomposition and turnover of biodegradable components (by saprophytism). Recently, macrofungal research is gaining prime importance owing to several benefits like nutraceutical, medicinal, forestry and secondary metabolites (Manna and Roy, 2014). Approximate global estimation of macrofungi is 56,700 species and nearly 850 species are known from the Indian Subcontinent (Manoharachary et al., 2005; Mueller et al., 2007). Evaluation of macrofungi in the coastal region of Karnataka is sparse (e.g., Ghate et al., 2014; Ghate and Sridhar, 2016a-c; Karun et al., 2018; Sridhar, 2018).

Mangalore University Campus is known for its landscape, vegetation and a variety of habitats sustaining life. Diversity assessment of macrofungi on the campus was initiated during 2011 in different habitats (Karun and Sridhar, 2013, 2014a, b, 2015; Greeshma et al., 2015, 2016; Pavithra et al., 2016, 2017). The major habitats surveyed were scrub jungles, arboretum, botanical garden, *Acacia* forests and cashew plantations. The substrate screened includes soil (lateritic, humus and termite mound), leaf litter and woody materials (twigs, bark, stubs and logs). A total of 89 species belong to 59 genera of macrofungi was recorded and the checklist with habitats and economic value are given in Table 1. This amounts to about 10.5% of known macrofungi recorded from India. The richness was highest in the scrub jungles (40 spp.) followed by arboretum (38 spp.), botanical garden (23 spp.), *Acacia* forests (13 spp.) and cashew plantations (12 spp.). The composition of saprophytic macrofungi found was a mosaic of edible (23 spp.), ectomycorrhizal (21 spp.) and medicinal (14 spp.) (Fig. 1). In addition, several of them showed overlapping role like edible and ectomycorrhizal (9 Spp.); edible and medicinal (4 Spp.); ectomycorrhizal and medicinal (3 Spp.). Besides 89 fully identified species, up to 15% of macrofungi were identified only up to genus level and another 5% could not be identified even to genus level (not included in the checklist in Table 1) indicating macrofungal diversity in the campus is much more than this study.

Based on the traditional knowledge, local people could identify several macrofungi as edible and or medicinal. Many interesting macrofungi serve as ectomycorrhizal with native tree species like *Artocarpus hirsutus*, *Holigarna arnottiana*, *Hopea parviflora*, *Hopea ponga*, *Phyllanthus emblica*, *Syzygium cumini* and *Terminalia paniculata* on the campus. This denotes protection of such tree species helps conserving ectomycorrhizal fungi and many of them are also edible or medicinal (Sridhar, 2017). Every institution has moral responsibility to monitor and conserve the biodiversity of its vicinity, which helps educating the students, public and future generation to conserve the biodiversity for human welfare (Karun et al., 2018; Sridhar, 2018).

**Table 1.** Checklist of macrofungi occurring in different habitats of Mangalore University Campus(\*: E, edible; Ec, Ectomycorrhizal; M, medicinal).

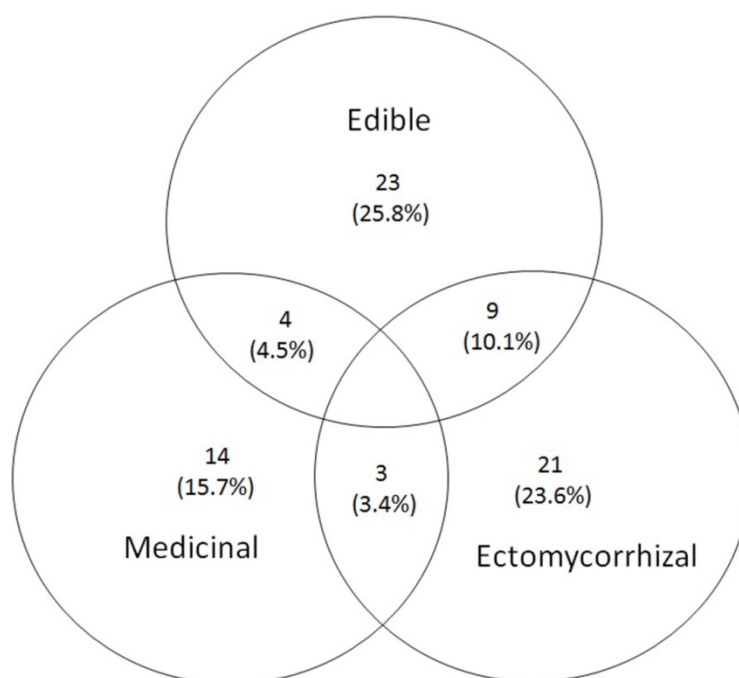
Macrofungus	Habitat					Economic Value*
	Scrub jungle	Arboretum	Botanical garden	Acacia forest	Cashew Plantation	
<i>Agaricus crocopezus</i> Berk. & Broome	+					
<i>Amanita angustilamellata</i> (Höhn.) Boedijn	+	+	+			Ec
<i>Amauroderma conjunctum</i> (Lloyd) Torrend	+			+		Ec & M
<i>Amyloporus campbellii</i> (Berk.) Ryvarde		+				E & M
<i>Astraeus odoratus</i> Phosri, Walting, M.P. Martin & Whalley	+					E & Ec
<i>Auricularia auricula-judae</i> (Bull.) Quéf.	+					E
<i>Boletus edulis</i> Bull.		+				E & Ec
<i>Boletus hongoi</i> T.N. Lakh. & Sagar		+				E & Ec
<i>Boletus reticulatus</i> Schaeff.		+				E & Ec
<i>Byssontria fusispora</i> (Berk.) Rogerson & Korf					+	
<i>Chlorophyllum molybdites</i> (G. Mey.) Masee	+					
<i>Clathrus delicatus</i> Berk. & Broome	+	+	+			
<i>Clavaria vermucularis</i> Mont.		+				
<i>Clavulinopsis dichotoma</i> Corner					+	Ec
<i>Clitocybe dealbata</i> (Sowerby) P. Kurmm.	+					
<i>Collybia aurea</i> (Beeli) Pegler		+				E
<i>Cookeina indica</i> Pfister & R. Kaushal			+			
<i>Coprinus plicatilis</i> (Curtis) Fr.			+			E
<i>Crepidotus uber</i> (Berk. & M.A. Curtis) Sacc.		+				
<i>Cyathus striatus</i> (Huds.) Willd.	+					
<i>Dacryopinax spathularia</i> (Schwein.) G.W. Martin	+		+			E
<i>Daldinia concentrica</i> (Bolton) Ces. & De Not.	+			+		M
<i>Entoloma anamikum</i> Manim., A.V. Joeph & Leelav.	+					

<i>Entoloma brihadum</i> Manim., A.V. Joseph & Leelav.					+	Ec
<i>Entoloma haematinum</i> Manim., Leelav. & Noordel.		+				
<i>Entoloma serrulatum</i> (Fr.) Hesler		+	+			
<i>Entoloma vanajum</i> Manim., A.V. Joseph & Leelav.					+	Ec
<i>Ganoderma colossus</i> (Fr.) C.F. Baker					+	M
<i>Ganoderma lucidum</i> (Curtis) P. Karst.	+	+				M
<i>Geastrum lageniforme</i> Vittad.	+					
<i>Geastrum schweinitzii</i> (Berk. & M.A. Curtis) Zeller					+	
<i>Geastrum triplex</i> Jungh.	+	+	+	+		
<i>Gymnopilus junonius</i> (Fr.) P.D. Orton	+					
<i>Hexagonia tenuis</i> Speg.	+	+	+		+	
<i>Hygrocybe astatogala</i> (R. Heim) Heinem.	+		+			Ec
<i>Hygrocybe aurantioalba</i> Leelav., Manim. & Arnolds	+					
<i>Ileodictyon gracile</i> Berk.		+				
<i>Inocybe agardhii</i> (N. Lund) P.D. Orton					+	
<i>Laccaria laccata</i> (Scop.) Cooke		+				Ec
<i>Lentinus squarrosulus</i> Mont.	+				+	E & M
<i>Lenzites vespacea</i> (Pers.) Pat.			+	+		
<i>Lepiota hinella</i> Quél. & G.E. Bernard			+			
<i>Leucocoprinus birnbaumii</i> (Corda) Singer	+				+	
<i>Leucoagaricus rubrotinctus</i> (Peck) Singer			+			Ec
<i>Lycoperdon lividum</i> Pers.			+			M
<i>Lycoperdon utriforme</i> Bull.	+	+		+		E & Ec
<i>Marasmius abundans</i> var. <i>aurantiacus</i> Corner		+				
<i>Marasmius acerosus</i> Y.S. Tan & Desjardin				+		
<i>Marasmius epiphyllus</i> (Pers.) Fr.		+				
<i>Marasmius guyanensis</i> Mont.		+			+	
<i>Marasmius kisangensis</i> Singer		+				
<i>Marasmius rotula</i> (Scop.) Fr.		+				

<i>Marasmius spegazzinii</i> (Kuntze) Sacc. & P. Syd.		+	+			
<i>Micromphale inodorum</i> Dennis				+		
<i>Microporus xanthopus</i> (Fr.) Kuntze		+	+			
<i>Mycena vitilis</i> (Fr.) Quél.		+		+		
<i>Nectria cinnabarina</i> (Tode) Fr.	+		+			
<i>Omphalotus olearius</i> (DC.) Singer	+	+				
<i>Panus similis</i> (Berk. & Broome) T.W. May & A.E. Wood	+					
<i>Phallus indusiatus</i> Schltdl.	+					E & M
<i>Pisolithus albus</i> (Cooke & Masse) Priest	+					Ec
<i>Pleurotus djamor</i> (Rumph. ex Fr.) Boedijn		+				E
<i>Pluteus pulverulentus</i> Murrill					+	
<i>Polyporus dictyopus</i> Mont.		+				
<i>Polyporusversicolor</i> (L.) Fr.		+				
<i>Pycnoporus sanguineus</i> (L.) Murrill	+	+				M
<i>Ramaria pallida</i> (Schaeff.) Ricken		+				
<i>Ramaria versatilis</i> Quél	+					
<i>Royoporus spathulatus</i> (Jungh.) A.B. De		+				
<i>Russula adusta</i> (Pers.) Fr.			+			E & Ec
<i>Russula atropurpurea</i> Peck			+			E & Ec
<i>Schizophyllum commune</i> Fr.	+					
<i>Scleroderma citrinum</i> Pers.	+			+		E & Ec
<i>Scleroderma verrucosum</i> (Bull.) Pers.		+	+			E & Ec
<i>Termitomyces clypeatus</i> R.Heim	+					E
<i>Termitomyces heimii</i> Natarajan			+			E
<i>Termitomyces microcarpus</i> (Berk. & Broome) R. Heim			+			E & M
<i>Termitomyces striatus</i> (Beeli) R. Heim	+					E
<i>Termitomyces unkowaan</i> (Cooke & Masee) D.A. Reid				+		E
<i>Tetrapyrgos nigripes</i> (Fr.) E. Horak	+	+	+			
<i>Thelephora palmata</i> (Scop.) Fr.	+				+	Ec
<i>Tremella reticulata</i> (Berk.)	+	+		+		E



Farl.						
<i>Trametes maxima</i> (Mont.) A. David & Rajchenb.	+					
<i>Troglia infundibuliformis</i> Berk. & Broome		+				
<i>Xylaria escharoidea</i> (Berk.) Sacc.		+				M
<i>Xylaria hypoxylon</i> (L.) Grev.	+	+	+	+		M
<i>Xylaria longipes</i> Nitschke				+		
<i>Xylaria multiplex</i> (Kunze) Fr.	+					Ec & M
<i>Xylaria nigripes</i> (Klotzsch) Cooke	+					Ec & M
Total species	40	38	23	13	12	



**Fig. 1.** Comparison of extent of edible, ectomycorrhizal and medicinal mushrooms occurring on the campus.

## Acknowledgements

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