

**INSTITUTION OF FORESTERS KERALA**

**COMPREHENSIVE STUDY  
ON  
SACRED GROVES  
IN  
KERALA**

*Report No.7*

*-Kottayam District*

*Sponsored By*

**KERALA FORESTS & WILDLIFE DEPARTMENT**

**November 2019**

## **PREFACE**

**Institution of Foresters Kerala** (IFK) is a society registered in the year 1987 under the Travancore Literary, Science and Charitable Societies Act 1955 with its Central office at Thiruvananthapuram. Later it has established two Regional Chapters one at Thrissur and another at Kozhikode. One of the objectives of IFK is to undertake studies on topics useful in Forest Management. Accordingly a Project-“A comprehensive study on the socio-economic and cultural aspects of sacred groves in Kerala” was prepared and submitted to Kerala Forest Department in June 2012. This project was examined and discussed by the Kerala Forest Development Fund Research Committee in its meeting held on 18<sup>th</sup> August 2012 and was approved for implementation. The project envisages a detailed study of Sacred Groves (SGs) in all the districts of Kerala one by one.

To start with Thiruvananthapuram District was allotted and IFK completed the study and submitted the report in November 2013. It was followed by similar study in another five districts by 2018. By this time we have covered more than 60 % of the sacred groves in Kerala. As the the remaining districts have comparatively lesser number of SGs, on our request KFD was pleased to give a blanket sanction for carrying out the work in the remaining eight districts continuously without waiting for specific sanctions for the districts one by one. This approach has enabled us to go fast in the project work for which we record our appreciation and gratitude to Sri Rajan Sehgal the then Additional Principal Chief Conservator of Forests as the Chairman of KFDF. After executing the agreement with KFD on 22-06-2018 study was commenced in four districts by about Feb-20-19. The unprecedented floods of August-September 2018 and also in August 2019 had its adverse effect in the progress of our work also.

Three field teams for Kottayam District headed by retired Section Forest Officers completed the enumeration with assistance of local helpers. The data collection was checked in the field at random by senior members of IFK Executive Committee on different occasions. The field team had a laborious task before them to reach the SGs in remote areas and to visit the same SGs on different times to complete the data collection. Dr. Jomy Augustine, Expert in Botany joined us in detailed identification of flora in selected 16 SGs distributed over all the taluks. The results of study was presented through Power Point Presentation before the KFDF Committee on 30<sup>th</sup> September 2019.

IFK record its immense gratitude to Kerala Forest Department in entrusting this glorious task with it. We also thank Shri Anirudh Kumar Dharni, IFS then (PCCF-D&PM) at the initial stages and Sri.S.Gopalakrishnan IFS, Addl.PCCF and Chairman KFDF for their guidance and promptness in removal of impediments in the most appropriate manner to complete the study in the best possible way. Our thanks are due to the experts who co-opted with us and members of the KFDF Research Committee for their positive attitude in IFK's activities. Finally we express our thanks in no small measure to other officers and staff at Forest Headquarters, particularly Shri. Santhosh K John IFS (DCF Development) and his assisting team in extending fair approach to IFK to make this activity hassle free.

This study report may serve as the valid document on the status and distribution of Sacred Groves in the district. It is our modest expectation that it forms the basis for future planning on the conservation of this precious eco system

It will be our pleasure to clarify any of the details included in this report to all those concerned.

11-11-2019

**M.S.Nair**  
(President)  
**Institution of Foresters**  
**Kerala**

### ACKNOWLEDGEMENT FOR SERVICES RENDERED

This project report is the result of the sincere and hard work contributed by a number of members of IFK and a few others from outside and on behalf of IFK, I take immense pleasure in extending deep gratitude to them. The nature of work contributed by them is acknowledged as below:-

Field Enumeration & Data Collection	<b>Sri. Chandra Babu</b> , Section Forest Officer (Rtd) <b>Sri. Jamaludeen kuttu</b> , Section Forest Officer (Rtd) <b>Sri. Jagajeevan</b> Section Forest Officer (Rtd) <b>Sri. Vinod</b> (Skilled worker)
Field supervision & Field coordination	<b>Sri. M.S.Nair</b> <b>Sri.Patric Gomez</b> <b>Sri. B.R.Vijayakumar</b>
Flora identification	<b>Dr. Jomy Augustin Prof. Botany.</b>
Field checking	<b>Sri. M.S.Nair</b> <b>Sri. Patric Gomez</b> <b>Sri. BR.Vijayakumar</b>
Data entry	<b>M/s. Jaicom Facility Centre</b>
Verification of data entry & Compilation	<b>Sri. M.S.Nair,</b> <b>Sri. Patric Gomez,</b> <b>Sri. N. Balakrishna Pillai</b> <b>Sri. S. Janardanan</b>
<b>REPORT PREPARATION</b>	
Review of literature	<b>Sri. M.S.Nair</b> <b>Sri. C.K.Karunakaran</b>
Ecological status	<b>Dr. N.Sasidharan</b> <b>Sri. M.S.Nair</b>
List of Plants in selected SGs & othr pictures	<b>Dr.Jomy Augustine,</b> <b>Sri. M.S.Nair</b> <b>Sri. Patric Gomez</b> <b>Sri. Chandra Babu</b>

Plant frequency	<b>Dr. N.Sasidharan-KFRI- Chief Scientist.</b>
Socio-Cultural aspects	<b>Sri. Patric Gomez</b>
All other Chapters	<b>Sri. M.S.Nair</b>
Photographs contributed	<b>Sri. M.S.Nair</b> <b>Dr. Jomy</b> <b>Sri. Patric Gomaz</b> <b>Sri. E.B. Chandra Babu</b>
Editing & Finalization of the Report	<b>Sri. M.S. Nair</b> (Principal Investigator of the project) <b>Sri. Patric Gomez</b> (Chief Coordinator of the project)

Also, I take this opportunity to sincerely acknowledge the cooperation, contributions and valuable suggestions given by the Executive Committee members of IFK from time to time to carry out this task constraint free.

11/ 11/2019

**M.S.Nair**  
(President )  
**Institution of Foresters Kerala**

## **EXECUTIVE SUMMARY**

Name of Project : **A Comprehensive Study On The Socio-Economic & Cultural Aspects of Sacred Groves In Kerala**

***Report No.7*** - ***Kottayam District***

### **General**

- Sanctioning Authority - Addl.Principal Chief Conservator ( F,B & A) and  
Chairman, KFDF Research Committee.
- Implementing Agency - Institution of Foresters Kerala
- Principal Investigator - M. S. NAIR
- Date of Agreement - 22-06-2018
- Area of Study - Kottayam District.
- Geographical extent of the District - 2208 sq.km
- No. of Taluks - 5

### **PART I**

#### **Chapter . I -INTRODUCTION**

##### **Objectives**

- Arrive at an exhaustive list of Sacred Groves in the District.
- Detailed study of flora and fauna
- Documentation of geographical and legal details.
- Study on Socio-economic and cultural aspects
- Conduct study on ecological status

**Uniqueness**

- Exhaustive inventory of Sacred groves.
- Creation of a databank on geographical and legal status of sacred groves.
- Detailed study on flora.
- Documentation of Socio-economic and Cultural aspects.
- Mapping SGs with Id numbers.

**Methodology**

Described data collection and documentation.

**Chapter II : Review of Literature**

Definition, global scenario, attitude of different religions in the world towards sacred groves, Indian scenario, number of SGs, flora and fauna documented earlier etc.

**Chapter III : Results of Study**

Total number of SGs district wise, Taluk wise, distribution under different size categories.management details.

**KOTTAYAM DISTRICT**

<b>Sl. No.</b>	<b>Name of Taluk</b>	<b>No. of Sacred Groves</b>	<b>Extent (Cents)</b>
1	Kottayam	92 Nos.	10.00 Acres
2	Vaikom	285 Nos.	27.80 ..
3	Changanassery	91 Nos	25.44 ,,
4	Meenachal	48 Nos	19.10 ,,
5	Kanjirappally	46 Nos	3.70 ,,
	<b>Total</b>	<b>562 Nos.</b>	<b>86.95Acs. 35.20 Ha</b>

**Management**

Five main categories identified-

i. Devaswam .....	22 Nos.
ii. Public .....	46 ”
iii. Private- ( Kudumbakavu & Kudumba Trust,) 494 “	
. Total---	562

**Id Numbers to Sacred Groves.**

Id numbers have been provided taluk wise-

All the SGs have been given serial numbers coming in each taluk.giving details up to North and East co-ordinates.in the list of Sacred Groves.

Mapping-Separate map for each taluk has been prepared giving the location and Id numbers of SGs.

**Chapter IV : Composition of Vegetation.**

- i- Rare Species seen in the SGs have been listed out-
- ii. Species found to be important or rare have been listed noting conservation status

**Hapter V : Detailed Study of Selected Sacred Groves.**

In all 16 SGs falling in the three regions low land-middle land and high land- have been inspectedand prepared by an expert on Botany and the important species identified are tabulated SG wise .

**Chapter VI- Plant Frequency-**

**Thisis arrived at based on the list of the above 16 groves.**

**Chapter VII: Ecological Status**

<i>Vegetation-</i>	Plant diversity with rare Invasive species, Keystone species, Natural regeneration, nature of occurrence of species region wise,
<i>Soil condition-</i>	result of soil tests and analysis, soil and water conservation discussed.
<i>Faunal significance-</i>	Useful and harmful role of bats, termites, ,peafowl indigenous fish, honey bee etc.as could be collected.

### **Chapter VIII : Socio-Cultural Aspects of Sacred Groves**

This study has covered the history of human occupation interfered with the sacred groves, the belief entertained by devotees on various deities, the rituals performed during worship, and different cultural programmes being organized in festivals. The importance of star trees and their mythological relation with different deities being worshiped in SGs is also an informative part of this study. Rare art forms like *Thalam Thullal and Padayani* prevalent in this district is illustrated.

**-preval**

### **Chapter IX : Socio-economic- Dimensions of Sacred Groves.**

Sacred Groves falling in different regions totaling 80 numbers were selected and the social conditions in relation to the Sacred Groves have been studied. Mainly five stake holders have been identified such as, i-Local people, ii. Custodians, iii, Priest hood, iv. Shop keepers and v. younger generation. Representatives belonging to all the above categories have been contacted with suitable questionnaire and analyzed their views.

Study revealed that there is a strong network of social system centered around sacred groves built on faith on God, customs, harmony and flow of income. It is estimated that the following is the minimum effect on socio-economic condition annually.

Employment - Three lakh persons                      Remuneration- Rs. 388 lakhs

Total amount generated under various sources-Rs 13 crores .

Other shop vendors depending on SGs for their livelihood –very nominal

### **Chapter VIII : Myths & Legends.**

Prepared based on publications and information narrated by custodians and related people. Suryakaladi Mana of Kumaranallur, Pandava's exile, Kaurava, s follow up, story of Champakkarakavu and Cheriyaathu kavu are described.

### **Chapter X : Threats and Recommendations**

Regarding threats, intention showed by a few to reduce extent by shifting deity, encroachment, disputes on ownership, dumping waste etc. are discussed with examples.

**Main recommendations**

- i. Awareness programmes including suggestions to prevent dumping solid waste
- ii. Arrangement for fair distribution of grant to deserving custodians,
- iii. Production of quality seedlings of selected species,
- iv. Non – interference by government to the extent that may dissuade the faith and right of custodians ,
- v. Appropriate recognition to custodians for their contribution in sequestration of carbon.

**Pictures on various sites activities and plants- plates.**

**PART II**

**Maps of SGs with Id numbers taluk wise.**

**Detailed statements on SGs talukwise.**

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## **CHAPTER I**

### **INTRODUCTION**

The existence of sacred groves in India dates back to ancient pre-agrarian hunter gathering era and their presence has been documented since early 1800's. Believing that trees are the abode of deities and ancestral spirits, many communities set aside sanctified areas of forest and established rules and customs to ensure their protection prohibiting felling trees, killing animals etc. The prevailing belief among devotees is that the presiding deities administer punishment to individuals or entire community in the form of diseases or crop failure if in case they violate the established customs. As a result of such restrictions and strict adherence to the accepted customs by the devotees , several endemic and endangered plant and animal species have survived in the sacred groves for so many years since. Sacred groves attain religious and holy significance all over.

The Earth Summit of 1992 emphasized the immediate need for protection and conservation of biodiversity. Following that, the approach to biodiversity conservation gained revamping image all over the world. Protection with veneration provided to these patches of forest as Sacred Groves from generations to generations all over the world is significant in the sense that the principles of bio-diversity conservation had been inbuilt in their management. In India the Biological Diversity Act enacted in 2002, stressed the need for implementing various measures for bio-diversity conservation.. In the mean while, the Kerala Forestry Project (1998-2003) stressed the need for biodiversity conservation and constituted a Biodiversity Cell in Forest Department. The Kerala Forestry Project (1998) proposed the need for long term conservation of sacred groves by taking up ecological survey and inventory of sacred groves. In addition the project provided for lump sum allocation of grants to local communities and religious groups to improve awareness, demarcation, protection and enhancement of local practices in Sacred Groves. But even after 15 years on completion of the project implementation a clear picture as to the spread of area under vegetation and the related inventory about the sacred groves was lacking.

The year 2010-11 was declared as International Year of Biodiversity and various programmes were launched as part of its observance. Protection and Conservation of Sacred Groves is one among the schemes and KFD is providing grant to various selected sacred groves under this scheme. For implementing such a scheme a database covering

inventory with all relevant details is very essential. Though studies have been undertaken and reports published on sacred groves of Kerala by various individuals and organizations, such reports do not cover all the relevant details and they cover only part of some aspects, that too in incomplete form. It is in this context this project gets warm acceptance at all levels concerned.

This study is aimed at building a data base on the existence of sacred groves in Kerala. The work in Thiruvananthapuram District has been completed and report submitted in 2013. This was followed by five reports , namely Kollam, Thrissur, Alappuzha, Kozhikode and Kannur districts. The report on Kottayam district is now submitted. Besides taking an inventory on the number of SGS available, information on the extent of vegetation, ownership, legal status, geographical location including GPS data, assigning Id number and such other important information find a place in this report. The impact of such information on these patches of vegetation which have been surviving since long and its socio-ecological scenario would amply help policy makers establish guidelines and launch schemes for conservation without interfering with the freedom of the custodians.. The absence of such information in the earlier available data based by KFD over the state qualifies this study a unique venture.

This report is presented in two parts. Part I contains inventory details, study on vegetation, ecological aspects and Socio-cultural studies. along with photographs of important sacred groves and plants. Part II comprises various statements on location, geographical information, management details and Id numbers computed for each sacred grove taluk wise. Maps showing the location of all the SGs taluk wise are also included

As already explained, this report is unique in its approach and delivery as below :-

- A comprehensive inventory of sacred groves in Kollam District with location
- List of flora and fauna ,
- Identification of important and rare plant species in detail by an expert with regard to selected sacred groves.
- Suggesting ID numbers to all the SGs.
- Preparation of a data base on folklore aspects
- Impact of the sacred groves in socio-economic scenario.

- Providing photographs of all important species existing in the SGs
- Mapping SGs taluk wise showing the location of SGs based on GPS readings.
- The threats to be confronted in conservation of sacred groves.

### **METHODOLOGY-Area of Study**

The project proposal envisages to take up the study in all the 14 districts of Kerala. This report covers Kottayam as the 7<sup>th</sup> district. The district stretches along the central portion of Kerala between Alappuzha and Idukki districts covering a total area of 2208 sq km and population of 19.74 lakhs..There are five taluks viz.Kottayam,Vaikom, Meenachil, Kanjirappally and Changanassery.. Annual rainfall is 270cms. Mean and max. temperatue is 24.4 degree and 36. degree respectively. As regards soil is concerned , sandy loam in parts and in the rest of the area mild laterite and forest soil are met with.

#### ***Objectives:***

1. Arrive at an exhaustive list of manageable size of the sacred groves and their extent.
2. Conduct a study of the vegetation and fauna including the prospects for conservation
3. Collect data on the legal status of these groves and socio-economic conditions
4. Documentation of present religious practices like festivals, folklore and folk art prevailing in these sacred groves.
5. Assess the ecological status based on observations made in the field.
6. Mapping the SG locations taluk wise.
7. Evolve suggestions for future conservation and management of these sacred groves

#### **Collection of available data**

Before taking up field study a complete list of sacred groves had to be obtained. The list of Sacred Groves (SGs) available with Social Forestry Division contained only around 200 numbers. Hence publicity was given in news papers in the district calling for the information from the custodians of SGs to be received . The response was not so much and IFK received only around 60 applications giving all the relevant details. It is

after that the field work was started with the intention of resorting to local enquiry during the course of field work.

During the course of field work the field team received information locally about nearby sacred groves for which no application had been received. Such SGs have also been visited and documented. Finally, from available data with Social Forestry, publicity in the press and through word of mouth, the number of sacred groves totaled 562.

### **Field Team**

Three retired Section Forest Officers(IFK Members) and three supporting hands recruited locally formed the field team. They were provided with necessary format for recording details and G.P.S equipment for recording latitudes and longitudes. Their field work was supervised and checked by a retired CF and at random by other senior members of the Executive Committee.

### **Format for recording data**

A format was designed for the collection of data while visiting a sacred grove which proposed to collect information on name of SG, location, name and address of custodian, extent, sy. no, village, existence of compound wall, ponds, fauna locally seen or reported etc. Further, details on inspection would carry the vegetation, legal status, information of presiding deity, temples attached, a brief note on the route to reach the SG from a known place and similar essential facts in respect of each grove.

Another format was prepared for collection of data on socio-economic aspect such as employment of staff , expenditure and income with respect to representative sacred groves under different categories.

### **Supervision of data collection and expenditure**

The IFK Executive Committee, meeting from time to time, took appropriate decisions on expenditure and undertook checking the data collected according to the format by making field inspections at random.

### **Extent of sacred grove**

The extent of sacred grove is recorded based on the actual area under vegetative cover. The documents if any produced by custodian may include the extent of temples or other ancillary areas. In such cases the actual area under vegetation is taken based on the experience of forest staff. They have also made it mandatory to record it in a very conservative manner in order to avoid any distorted figure on the higher side.

### **Legal status**

Legal status was looked into to classify the sacred groves into the following categories as could be verified from reliable records or information. (i) Managed by Devaswam Board (ii) Under public Trust, (iii) Under Local Committee (iv) Private (includes family trust or kudumba ownership). More details about these will appear in the chapter on Sociological Dimensions.

### **Documentation of Flora .**

Generally, the field team is conversant with the identification of common plant species. In addition services of Botany Expert was obtained to identify and arrive at the complete list of flora in selected sacred groves who has done total inventory in as much as 16 selected SGs distributed over all the five taluks and the lists are included in the report.

### **Mapping-**

Location of all the SGs has been marked in maps talukwise based on GPS readings. The serial numbers have been allotted taluk wise. These serial numbers have been adopted as Id numbers of the sacred groves marked in the maps.

## **CHAPTER II**

### **REVIEW OF LITERATURE**

There are plenty of literature authored by various scholars such as Gaikward, Oliver Kind, Dr. Raviprasad Rao, Muhamed Jafer Pilot & Radhakrishnan, Mohan C.N & Ganga Prasad, Unnikrishnan, U. M. Unnikrishna and others on the character and status of sacred groves in general which constitute the basis of this chapter partly. In addition there are various articles on SGs in other countries available by surfing internet.

The sacred Groves came into existence thousands of years ago and in general they are dedicated by local communities to their ancestral spirits or deities. They have been defined by many authors like those above and all the definitions carry more or less the same meaning. The following are the views that emerge out of their contributions.

According to them Sacred Groves (SG) are a patches of vegetation or group of trees protected by the local people through religious and cultural practices evolved to minimize destruction. Sacred groves, the community based repositories of biological diversity are segments of landscapes typically covering a patch of vegetation with perennial water resources. They are patches of wilderness conserved owing to their perceived importance attached to a village deity.. Sacred grove is an age-old tradition where a patch of forest is dedicated to local deities and none is allowed to cut plants or to harm animals or do any form of life. Sacred groves are community based monuments of biological diversity.

#### **Global Scenario**

Sacred Groves (SG) are distributed across the globe and diverse cultures recognise them in different ways encoding various rules for their protection. Sacred groves associated with religious beliefs were there in many countries from time immemorial. Sacred groves have been reported from many countries like Mexico, Ghana, Nigeria, China, Syria, Europe and America.

The Greek and Roman landscapes were dotted with many sacred places which contain groves of trees and water springs. Groves were in existence in Greece and Rome long back. The most famous sacred grove in Greece was Oak Grove at **Dodona**. Outside the walls of Athens the site of the Academy was a sacred grove of olive trees.

In Europe sacred groves survived in the Baltic states longer than in other parts. The sacred grove island Estonia is the one. (See picture Plate-I)

In Tuna a southern province in **China**, the inhabitants did not dare to touch the native mountain forest because of their fear of wrath of God.

In Africa, among the Kikuyu, groves of *Migumu* tree are sacred and those trees were not to be cut. In these sacred groves, sheep and goats were sacrificed and prayers offered for rain or fine weather or for curing diseases. In Kenya, *Kaya* a sacred forest considered to be an intrinsic source of ritual power and origin of cultural identity. It is also a place of prayer for members of a particular ethnic group-Mijikenda people. The flora was used solely for collection of medicinal plants. Cutting and clearing trees were not permitted. In **Nigeria the Osum-Osobgo sacred grove** containing dense forests is dedicated to fertility god in Yoruba mythology and is dotted with shrines and sculptures. This grove was designated as a **UNESCO World Heritage Site** in 2005. ( see picture- PLATE-I )

In **Japan** the Seifa-Utaki contains a sacred grove, with rare indigenous trees like *Kubanoki* ( a kind of Palm ) and *Yubunikkei*( *Cinnamomum japonicum* ) This is UNESCO World Heritage Site of 2003.

A grove near **Leona** all the way down a mountain side up to sea was dedicated to the goddess Artemis at the instance of Alexander the Great. Artemis was considered to be the protector of animals and plants.

In **America-The Bohemian Grove located in California** is a privately owned sacred grove and in mid July each year they perform symbolic rituals such as Cremation of Care.

( see picture- PLATE-I )

Resources from the groves were used for religious purposes. Animals like goats and deer were captured and offered to appease the deity. Trees in the groves could be used for building temple. Wood from sacred trees was believed to have magical powers when fashioned into statues of gods. This kind of multiple use relaxing strict measures on conservation caused decline of SGs in some parts of Europe. One great **Druidic groves in south Gaul (Rome) was cleared by Ceaser's troops** in an attempt to remove spiritual powers inherent in the grove. There was a grove in front of the **church in Weissenbach an der Triesting.**( picture *PLATE II* )

In the **Caucasus Mountains** (Russia) each community had its own sacred grove. They worshipped these as sanctuaries built among age old trees which were never to be cut (see picture—*PLATE-- II* ).

### **Attitude by different Religions in the world**

Due to the rise in dogmatic religions like Christianity and Islam, which advocated faith in one God the tradition of maintaining sacred groves and sacred trees did not get an unconditional flow of support though sacred groves exist in many countries in some form or other among those religions. We can still get lot of instances to show that this attachment to trees coupled with spiritual beliefs exist among different religions also other than Hinduism.

In the kingdom of Shower in Arabia, tree worship was prevalent in 1860 for getting rain. Muslim Persians invoke the spirits supposed to dwell in certain trees by hanging on the branches , pieces from garments during some ceremonial occasions.

In Indonesia *Ficus bengalensis* is considered sacred . They believed the existence of holy spirits in the tree which would ensure availability of clean water.

There is a Parish Church of Weissenbach Treisting in Lower Austria, Europe, a grove exists in front of the church. .In Syria there is a grove sacred dedicated to Adonis at Afqa.

**Buddha** himself gained realization and enlightenment under a pipal tree. Buddha is reported to have been born in a sacred grove-Lumbinivana-full of Sal trees.(Gadgil 1985)

### **Indian scenario**

Of course in India the major religion that holds and protects sacred groves is Hindism, having several living and non-living elements of nature as objects of worship.

The general belief that sacred groves are maintained by Hindu community only is not fully correct. Other communities also have shown faith in the sacred trees. A little Sal forest in Gorahpur is maintained by a Muslim saint “Mian Sahib” . Nothing was allowed to be cut except for lighting sacred fire.

In Kolhapur district there exists a small sacred grove on the land of a Muslim peasant. This land was purchased by him from a Brahmin priest in 1962. The Muslim peasant observes “agrosaat” and “diwalsaat” ( pre-sowing and post sowing ceremonies) at this sacred grove along with adjoining Hindu peasants.

In Murshidabad district (Ragnathgunj town in West Bengal), in a mazaar-a pir- is located amidst a grove . On the top of the grave three trees –neem, mahakal, and bel are there which are worshiped by Hindus.

In the heart of Midnapur city, a sacred grove is dedicated to a pir called Hazrat Balak Shahid Rehmatullah Elachi, who died a few centuries back. There is a sacred well inside known as “Sheikh Kua”. People irrespective of cast or religion fetch water from this well as it is believed to have powers to cure diseases.

In Midnapur itself there is another big sacred grove dedicated to a pir called Baro Huzur and the SG is known as “Tapovan”. This is located at Istreegunj on the western fringe extending over three acres .Entry is restricted here. Wearing shoes is not allowed. Here also there is a sacred pond from where water is considered to have power to cure diseases.

If we take the case of Sabarimala Poonkavanam a typical and extensive sacred grove of Lord Ayyappa, holds the legendary association of “Vaver Swamy” a muslim, at Erumely which is still in vogue. The facts given stands to reason that sacred grove is not alien to communities other than Hindus.

### **Number of Sacred Groves**

The total number of sacred groves in any state or region estimated and reported is not based on any authentic sturdy. All the reports on the number of SGs go by rough

estimation as can be seen below. The rough estimate of the number of sacred groves in India is around 14000 with an extent of about 55000 hectares . (Nalinakshan P.K – 2004). Another statement is that there are more than 50,000 sacred groves in India conserving the indigenous flora and fauna for the present and future generations. (Induchoodan N.C. Dr:) . It has been estimated that total number of sacred groves in the country lie between 100,000 and 150,000 (Malhotra,: 1998)- However the overall picture in respect of India as a whole is not a matter of study in this report. But this calls for a comprehensive study over the whole country.

In the beginning of the 19<sup>th</sup> Century, there were more than 30,000 groves in Kerala. A recent survey revealed that only less than 1000 sacred groves exist and most of them are less than 10 m<sup>2</sup> in extent. (Mohanan C.N. & Ganga Prasad.A). . It may be mentioned that Ward and Conner (1927) reported about 15,000 sacred groves in Travancore and Cochin regions ,of Kerala. On the other hand, it is estimated recently that only 2000 well preserved sacred groves are present in the whole state (Rajendra Prasad, 1995) {Chandrasekhara U.M -2004}. Kerala State is having only 556 sacred groves preserved with maximum numbers in Kozhikode (148) followed by Kasargod (112) and Kannur (67) in the North and Thiruvananthapuram (49) and Kollam (48) districts in the South- (Unni P N & Anupama C). The ENVIS (Centre on Conservation of Ecological Heritage) and sacred Sites of India gives a list of 299 SGs in Kerala .As for Kottayam District the estimation is -10 by Dr. Induchoodan and 48 by ENVIS Centre. The Web Site of Kerala Forests and Wildlife Department adopted the figure -1500 for the state (2009). It is evident that there is no reliability in the reports by various authors on the projected number of sacred groves and they are all far from actual position as can be seen in this study.

## **Flora**

The vegetation in sacred groves is generally immensely rich in diversity of species depending on the conditions of habitat prevailing in various regions.. Studies made so far made till 2004 listed out 805 species of flowering and non-flowering plants belonging to 121 families, comprising 673 dycotyledons belonging to 95 families and 126 monocotyledons belonging to 20 families ( Unni P.N. & Anupama -2004).

Majority of the species belong to families such as Annonaceae, Menispermaceae, Capparidaceae, Malvaceae, Rutaceae, Meliaceae, Vitaceae, Fabaceae, Anacardiaceae, Rubiaceae etc.

Unni. P.N and Anupama have also provided a table listing the above 805 species in their paper 'Conservation of sacred groves of Kerala: Need and strategies' presented at the National Workshop on Sacred Groves held in September 2004 at Kozhikode. According to Gadgil and Vivek (1976) , sacred groves are the treasure of rare and endemic species. Many workers supported this view. For example, analysis of phytogeographical elements of sacred groves of Kerala indicates that 721 species (including *Gnetum ula*) recorded from the sacred groves 154 are endemic to western Ghats and 33% of them are trees (Induchoodam 1998)-{ Chandrasekhara u.m.2004} .

### **Fauna**

Similarly, fauna in the sacred groves have been listed out .which contain Amphibians-3, reptiles 10, and birds 164. This include 25 species of birds that breed in sacred groves. The Sacred groves are the last shelter of the common fauna including a variety of insects, reptiles, mammals, birds and micro-organisms. Among the animals, a few are enlisted as threatened in India such as the fresh water and terrestrial tortoises, python, monitor lizard, mongoose, palm civet, Nilgiri Languor, Slender Loris, several amphibians, reptiles, aves and insects. The Malabar large spotted civet presumed to be extinct is reported last from some of the groves in Malabar. Birds, including a few migratory ones, select groves for nesting and breeding. A phenomenon known as over wintering (staying without going back) among winter visitors of birds is also noticed in some of these groves of Kerala. (Mohan C.N. to Ganga Prasad A-2004).

The major fauna of the groves comprise of snakes (cobra, viper and rat snake) water hen, toddy cat and mongoose. The pond contains various fishes, tortoise, frog and waters snake. (Kannan C.S. Warriar, Kunhi Kannan C and Gunasekaran T-2004).

The birds and bats find their natural nesting places in the sacred groves. They, in addition to their scavenger role check the insect and pest population. The bird droppings rich in phosphorous replenish the phosphorus deficient soil of the region. Snake and mongoose find their home in sacred groves. The snake controls the rodent population, which if left unchecked will destroy the crops of the locality. The snake population is

kept under check by the mongoose. Insect fauna, particularly the bees make their hives in sacred groves and facilitate the cross pollination of many plants species of the locality. (U.M.Chandrashekara-2004)

**Ecological functions.**

According to Rajendraprasad (1995), sacred groves show high porosity and low bulk density compared to the soils of nearby areas. He also observed the thick litter covers and channels created by soil micro-fauna together enhanced the water retention, root system development, gaseous exchange and heat conductance. The role of sacred groves as micro-watershed in local area has been recognized by many workers. (Chandrashekara U.M.- 2004)

As an ecosystem, they help in soil, water and nutrient conservation and the ponds and streams adjacent to these groves are perennial water sources, which adequately explain their hydrological significance, though not evidenced through results of scientific investigation. (Unni P.N.& Anupama C-2004)

## **CHAPTER III**

### **RESULTS OF INVENTORY**

#### **General**

The study revealed that there are 562 sacred groves covering an extent of around 34.15 Ha. of vegetative cover in Kottayam district. Most of them are having 0.5 to 0.9 canopy density. The size of Sacred Groves (SG) vary from 3 cents to 1100 cents (11 Acs.) Most of them are between three cents and ten cents. The largest one is Thevarmala kavu in Bharananganam village of Meenachal Taluk having 11 Acs in extent. Among these 5 numbers have more than one acre in extent..

In Vaikom taluk there is high concentration of small SGs ranging from three cents to ten cents. In Vechur village there are 46 numbers of SGs which is the highest. Similarly in TV Puram Village in Vaikom Taluk the number is 38. Again in Changanacherry taluk where there are 91 SGs. Vazhappally village alone has 33 SGs. Kottayam taluk contain 94 SGs out of which none is above one acre in extent. Meenachil taluk has 48 SGs only. But extent of each is generally around ten cents and three are above 50 cents to 11 Acs. The famous Kurinji kavu is located in this taluk in Ramapuram village. In Kanjirappally taluk the total number is 48 and none is above 27 cents. Most of them are between three to ten cents.

As regards the ownership, total number of SGs attached to temples are 22. It is there in all the taluks. Those managed by Public Trusts and Local Committees are 46 only. The manner of working of the SGs belonging to Trusts and Local committees is the same and hence they are put under the same category. It is noticed that almost 88% of the SGs in this district are under private category such as individual families or family trusts.

**AREA WISE DISTRIBUTION OF SACRED GROVES  
IN KOTTAYAM DISTRICT**

<b>Sl. No.</b>	<b>Area class</b>	<b>No. of Sacred Groves</b>	<b>Extent (Cents)</b>
1	Area up to 5 Cents	246	1070.5
2	6 Cents to 10 Cents	179	1656.95
3	11 Cents to 25 Cents	89	1497.5
4	26 Cents to 50 Cents	26	1023
5	51 Cents to 100 Cents	16	1092
6	101 to 500 Cents	5	1255
7	Above 501 Cents	1	1100
	<b>Total</b>	<b>562 Nos.</b>	<b>8694.9 Cents (35.20Ha.)</b>

**TALUK WISE DISTRIBUTION  
KOTTAYAMTALUK**

<b>Sl. No.</b>	<b>Area class</b>	<b>No. of Sacred Groves</b>	<b>Extent (Cents)</b>
1	Up to 5 Cents	52 Nos	192.50
2	6 Cents to 10 Cents	19 Nos	169.00
3	11 Cents to 25 Cents	14 Nos	229.00
4	26 Cents to 50 Cents	3 Nos	140.00
5	51 Cents to 100 Cents	4 Nos	260.00
6	Above 100 Cents	--	--
	<b>Total</b>	<b>92 Nos</b>	<b>990.50 Cents (4.00 Ha)</b>

**VAIKOM TALUK**

Sl. No.	Area class	No. of Sacred Groves	Extent (Cents)
1	Up to 5 Cents	115 Nos	514.00
2	6 to 10 Cents	117 Nos	995.95
3	11 to 25 Cents	45 Nos	768.50
4	26 to 50 Cents	5 Nos	204.00
5	51 to 100 Cents	2 Nos	178.00
6	Above 100 Cents	1 No	120.00
	<b>Total</b>	<b>285 Nos</b>	<b>2780.45 Cents (11.26 Ha)</b>

**CHANGANASSERY TALUK**

Sl. No.	Area class	No. of Sacred Groves	Extent (Cents)
1	Up to 5 Cents	29 Nos	130.60
2	6 Cents to 10 Cents	22 ,,	193.00
3	11 Cents to 25 Cents	16 ,,	256.00
4	26 Cents to 50 Cents	13 ,,	507.00
5	51 Cents to 100 Cents	9 ,,	600.00
6	Above 100 Cents	3 ,,	860
	<b>Total</b>	<b>91 Nos</b>	<b>2544.00 Cents 10.30 Ha</b>

**MEENACHIL TALUK**

Sl. No.	Area class	No. of Sacred Groves	Extent (Cents)
1	Up to 5 Cents	22 Nos	100.00 Cents
2	6 to 10 Cents	13 ,,	122.00 ,,
3	11 to 25 Cents	6 ,,	114.00 ,,
4	26 to 50 Cents	4 ,,	145.00 ,,
5	51 to 100 Cents	1 ,,	54.00 ,,
6	101 to 500 Cents	1 ,,	275.00 ,,
7	Above 501 Cents	1 ,,	1100.00 Cents
	<b>Total</b>	<b>48 Nos</b>	<b>1910 Cents (7.73 Ha)</b>

**KANJIRAPPALLY TALUK**

<b>Sl. No.</b>	<b>Area class</b>	<b>No. of Sacred Groves</b>	<b>Extent (Cents)</b>
1	Up to 5 Cents	29 Nos.	136 Cents
2	6 to 10 Cents	8 „	77 „
3	11 to 25 Cents	8 „	130 „
4	26 to 50 Cents	1 „	27 „
5	51 to 100 Cents	--	--
6	101 to 500 Cents	--	--
7	Above 501 Cents	--	--
	<b>Total</b>	<b>46</b>	<b>370 Cents (1.497 Ha.)</b>

**ASTRACT SHOWING**

**CUSTODIAN/OWNERSHIP/MANAGEMENT OF SACRED GROVES**

**KOTTAYAM DISTRICT**

<b>Sl. No.</b>	<b>Ownership/Custodian/Management</b>	<b>No. of Sacred Groves</b>
1	Sacred Grove Owned/Managed by Government	--
2	Sacred Groves Managed by Devaswam Board/Malabar Devaswam/ Local Temple Devaswams	22 Nos.
3	Sacred Groves Managed by Public Trust/ Public Committees/Janakeeya Committees	46 „
5	Sacred Groves Managed by Individuals/ Family/Family Trust	494 „
	<b>Total</b>	<b>562 Nos</b>

**TALUK WISE DISTRIBUTION**

**KOTTAYAM TALUK**

<b>Sl. No.</b>	<b>Ownership/Custodian</b>	<b>No. of Sacred Groves</b>
1	Sacred Grove Owned by Government	--
2	Sacred Groves Managed by Devaswam Board/Malabar Devaswam/ Local Temple Devaswams	4
3	Sacred Groves Managed by Public Trust/ Public Committees/Janakeeya Committees	10
5	Sacred Groves Managed by Individuals/ Family/Family Trust	78
	<b>Total</b>	<b>92Nos</b>

**VAIKOM TALUK**

<b>Sl. No.</b>	<b>Ownership/Custodian</b>	<b>No. of Sacred Groves</b>
1	Sacred Grove Owned by Government	--
2	Sacred Groves Managed by Devaswam Board/Malabar Devaswam/ Local Devaswams	1 No
3	Sacred Groves Managed by Public Trust/ Public Committees/Janakeeya Committees	8 ,,
5	Sacred Groves Managed by Individuals/ Family/Family Trust	276 ,,
	<b>Total</b>	<b>285 Nos</b>

**CHANGANASSERY TALUK**

<b>Sl. No.</b>	<b>Ownership/Custodian</b>	<b>No. of Sacred Groves</b>
1	Sacred Grove Owned by Government	0
2	Sacred Groves Managed by Devaswam Board/Malabar Devaswam/ Local Devaswams	6
3	Sacred Groves Managed by Public Trust/ Public Committees/Janakeeya Committees	9
5	Sacred Groves Managed by Individuals/ Family/Family Trust	76
	<b>Total</b>	<b>91 Nos.</b>

**MEENACHIL TALUK**

Sl. No.	Ownership/Custodian	No. of Sacred Groves
1	Sacred Grove Owned by Government	--
2	Sacred Groves Managed by Devaswam Board/Malabar Devaswam/ Local Devaswams	6
3	Sacred Groves Managed by Public Trust/ Public Committees/Janakeeya Committees	4
5	Sacred Groves Managed by Individuals/ Family/Family Trust	38
	<b>Total</b>	<b>48 Nos.</b>

**KANJIRAPPALLY TALUK**

Sl. No.	Ownership/Custodian	No. of Sacred Groves
1	Sacred Grove Owned by Government	0
2	Sacred Groves Managed by Devaswam Board/Malabar Devaswam/ Local Devaswams	5
3	Sacred Groves Managed by Public Trust/ Public Committees/Janakeeya Committees	15
5	Sacred Groves Managed by Individuals/ Family/Family Trust	26
	<b>Total</b>	<b>46 Nos.</b>

**Management**

Three main categories identified as holding possession and responsibility in the maintenance of sacred groves.-

i. Private : a) Kudumbakavu & Kudumba Trust,

All such SGs amount to            494.    Numbers.

ii. Local Committee- & Public Trust –    46    Numbers

iii. Devaswam Board-                            22    Numbers.

More details on this are appearing in the chapter on Social Dynamics.

***Id Numbers to Sacred Groves.***

Id numbers have been provided taluk wise-

Kottayam	KTM/Ktym	1 to 92
Vaikom	KTM/Vikm	1 to 285
Meenachil	KTM/Mnch	1 to 48
Changanassery	KTM/Chry	1 to 91
Kanjirapally	KTM/Knpy	1 to 46

All the SGs have been given serial numbers coming in each taluk and also details up to North and East co-ordinates.-GPS readings.

A Statement gives all other information including management category has been attached .

Mapping- Separate map for each taluk has been prepared giving location and Id numbes.

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## CHAPTER IV

### COMPOSITION OF VEGETATION

The vegetation in these sacred groves has been identified species wise by the field team and recorded as such in the field format. In addition selected SGs in all the taluks have been inspected by an Expert on Flora who has listed out the complete list of species coming under trees, shrubs, climbers, herbs etc . In this manner 36 SGs have been enumerated and the lists in respect of each such SGs have been given in this chapter. The study reveals that most of these SGs contain as much as 12 to 24 species , 10 to 22 shrubs and 25 to 34 climbers. Rare and threatened species like *Myristica malabarica*, *Gynecranthera farquhariana*, and *Syzygium travancoricum* etc have been listed out. The families such as Euphorbiaceae, Lauraceae, Fabaceae, Rubiaceae and Apocynaceae are very well represented.

Many species though common are important having medicinal value. Some of them are given below.

#### TREES

#### Climbers

Holigarna arnotiana	Smilax
Alstonia scholaris	Symnema sylvestre
Holarrhena pubescens	Hemidesmis indica
Taberniae montana alternifolia	Abrus prectorius
Albizia odoratissima	Ziziphus oenoplia
Oliea dioica	
Barringtonia racemosa	
<b>SHURBS</b>	<b>HERBS</b>
Solanum violaceum	Scoparia dulcis
Allophylus combe	Spermacoco latifolia.
Chassalia curviflora	Biophyta sesitivum
Memecylon ambullatum	Leucas aspera
Urena lobata	Desmodium triflorum
	Tridax porcumbens
	Phalopsis imbricate

The important plants normally seen in each sacred grove have been recorded during inventory. In detailed study of vegetation was carried out in selected groves by Botany experts the details of which appear in the following chapter..Plant diversity is high in large groves of Vaikom Taluk like Nagampuzhimana ( See picture below with too many climbers and thick vegetation.)



In this there are 55 species of trees. Shrubs are 32, Climbers 36 and herbs 44. Rare trees like *Lophopetalum waightiana*, *Annona glabra*, with prominent serrate leaves, *Antiaris toxicaria*, are seen here. Kizhakkechira kavu of Vaikom climbers like *Derris trifoliata*, *Derris scandens*, *Melothria scabra* are seen. *Hibiscus hispida* is a common shrub in many cases. Herbs like *Vermonia cinerara*, *Borraria latifolia*, are frequently met with. In kurinji kavu of Meenichil taluk there are 76 species of trees, 24 shrubs, 44 climbera and 33 herbs are identified. One of the trees is the very rare *Strombosia ceylanica* (*Kalmanikom*). This is seen in some of the SGs in Kanjirapally taluk. The mangrove associate, *Barringtonia racemosa* is noted on the bank of the pond in Eeasana kavu at Changanassery. The tree *Strombosia* is regenerating well in Manimala Devi kavu as can be seen below.



*Strombosia ceylanica* regeneration.

Going into the frequency of vegetation it is noticed that in the 16 selected groves examined as many as 116 plant species occur only in one sacred grove each .At the same time the following species occur in all the 16 groves.

Ophioxinoides

*Artocarpus hirsute*,

*Centrosena mole*

*Chasalia curviflora*.

In Chilakkapilly kavu of Vaikom trees like *Gardenia gummifera*, *Evodia-lunu-akenda*, herb *Micranthus oppositifolia* and the fern *Stenochaleana paulistris* are seen.

Thevarmala the largest sacred grove in Kottayam district is spread over a hilly terrain with rocky outcrops. On account of this the canopy is very open and the diversity in tree crop is low. At the same time there are very many shrubs and herbs compared to other sacred groves. A study was made some time ago by scholars of Indian Cardomum Research Institute , Myladumpara and St.Dominic's College Kanjirapally ( Anoop P. Balan, and two others ) . .

## CHAPTER V

**DETAILED STUDY IN SELECTED SACRED GROVES OF  
KOTTAYAM DISTRICT**

**Vaikom Taluk- Nos.1 to 5 Changanachery Taluk- Nos. 7 to 11**

**Meenachil Taluk- No. 6 Kanjirapally Taluk Nos. 12 to 16**

**1. Kizhekkechira Kavu, T V Puram Vaikom Id-Vikm-79**

Botanical Name	Local name	Family
<b>Trees</b>		
<i>Adenanthera pavonina</i>	Manchadi	Mimosaceae
<i>Ailanthus triphysa</i>	Perumaram, Matti	Simaroubaceae
<i>Alstonia scholaris</i>	Ezhilampala	Apocynaceae
<i>Anacardium occidentale</i>	Kashumavu, Cashew	Anacardiaceae
<i>Antidesma montanum</i> ( <i>Antidesma menasu</i> )	Putharaval	Euphorbiaceae
<i>Aporosa cardiosperma</i> ( <i>Aporosa lindleyana</i> )	Vetti	Euphorbiaceae
<i>Areca catachu</i>	Adakka	Arecaceae
<i>Artocarpus heterophyllus</i>	Plavu	Moraceae
<i>Artocarpus hirsutus</i>	Ayani, Aanjili	Moraceae
<i>Bambusa vulgaris</i>	Manja mula	Poaceae
<i>Bischoffia javanica</i>	Mlathethayan	Euphorbiaceae
<i>Butea monosperma</i>	Plash	Fabaceae
<i>Caryota urens</i>	Choodapana, Olattipana	Arecaceae
<i>Cocos nucifera</i>	Thengu	Arecaceae
<i>Ficus exasperata</i>	Therakam	Moraceae
<i>Ficus hispida</i>	Parakam	Moraceae
<i>Garcinia gummi-gutta</i>	Kodampuli, Pinar	Clusiaceae
<i>Gliricidia sepium</i>	Seemkonna	Fabaceae

Hydnocarpus pentadrus ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae
Macaranga peltata	Vatta	Euphorbiaceae
Mangifera indica	Maavu	Anacardiaceae
Swietenia mahogani	Mahgany	Meliaceae
Neolamarckia cadamba ( <i>Anthocephalus cadamba</i> )	Kadambu, Aattutheku	Rubiaceae
Talipariti tiliaceum	Velipparuthi	Malvaceae
Tectona grandis	Thekku	Verbenaceae
Terminalia catappa	Thallithenga, Adamaram	Combretaceae
<b>Shrubs</b>		
Chassalia curviflora var. ophioxyloides	Yamari	Rubiaceae
Clerodendrum viscosum	Peruvelam	Verbenaceae
Eupatorium odoratum	Communist patcha	Asteraceae
Hibiscus rosa-sinensis	Chemparathi	Malvaceae
Glycosmis pentaphylla	Paanal	Rutaceae
Ixora coccinea	Thetchi, Thetti	Rubiaceae
Leea indica	Njellu, Maniparanda	Leeaceae
Meiogyne pannosa	Panthalmaram	Annonaceae
Memecylon umbellatum ( <i>Memecylon edule</i> )	Kashavu, Kayampoo	Melastomataceae
Mussaenda frondosa	Vellila	Rubiaceae
Pandanus tectorius	Kaitha	Pandanaceae
Sauropus androgynus	Velicheera	Euphorbiaceae
Solanum torvum	Chunda, Parachunda	Solanaceae
Tabernaemontana coronaria	Kundalappala	Apocynaceae
<b>Cimbers</b>		
Abrus pulchellus	Kattumuthira	Fabaceae
Ampelocissus indica	Chembaravalli	Vitaceae
Anamirta cocculus	Pollakai	Menispermaceae
Aristolochia indica	Karalakm, Urithoongi	Aristolochiaceae

Cayratia pedata	Chorivalli	Vitaceae
Centrosema molle	Kattu-shankupushpam	Fabaceae
Chonemorpha macrophylla	Perumkurumba	Apocynaceae
Cissus repens	Njarala	Vitaceae
Combretum latifolium		Combretaceae
Cryptolepis buchananii	Kattupalvalli	Asclepiadaceae
Derris scandens	Poonjali, Ponnamvalli	Fabaceae
Derris trifoliata	Kammattivalli	Fabaceae
Erycibe paniculata	Erumathali	Convolvulaceae
Hibiscus hispidissimus	Panachan	Malvaceae
Ichnocarpus frutescens	Parvalli	Apocynaceae
Ipomoea mauritiana	Palmuthakku	Convolvulaceae
Merremia umbellata	Koravalli	Convolvulaceae
Mikania micrantha	Dhriastrapacha	Asteraceae
Mukia maderaspatana	Mukkapeeram	Cucurbitaceae
Naravelia zeylanica	Vathamkodi	Ranunculaceae
Piper nigrum	Kurumulaku	Piperaceae
Pothos scandens	Paruvakodi	Araceae
Sarcostigma kleinii	Vellodal	Icacinaceae
Smilax zeylanica	Kareelanchi	Smilacaceae
Stenochlaena palustris	Pannalvalli	Blechnaceae
Tiliacora acuminata	Vallikanjiram	Menispermaceae
Ziziphus oenoplea	Cheruthodali	Rhamnaceae
<b>Herbs</b>		
Acalypha indica	Kuppameni	Euphorbiaceae
Achyranthes aspera	Kadaladi	Amaranthaceae
Aerva lanata	Cherula	Amaranthaceae
Ageratum conyzoides	Appa	Asteraceae
Biophytum reinwardtii	Mukkutti	Oxalidaceae
Spermacoce latifolia	Vellatharavu	Rubiaceae
Cleome viscosa	Aadunarivela	Capparaceae

Croton hirtus		Euphorbiaceae
Cyathula prostrata	Cherukadaladi	Amaranthaceae
Cyrtococcum patens		Poaceae
Dactyloctenium aegypticum	Kakkakalan pullu	Poaceae
Digitaria ciliaris		Poaceae
Eleutheranthera ruderalis		Asteraceae
Hyptis capitata		Lamiaceae
Hyptis suaveolens	Nattapoochedi	Lamiaceae
Lagenandra ovata	Aandavazha	Araceae
Leucas aspera	Thumba	Lamiaceae
Micranthus oppositifolius		Acanthaceae
Mimosa pudica	Thottavadi	Mimosaceae
Mitracarpus villosus	Thaaval	Rubiaceae
Phyllanthus amarus	Keezharnelli	Euphorbiaceae
Oplismenus compositus		Poaceae
Rivinia humilis	Chuvannamanthakkali	Phytolacaceae
Sida acuta	Malamkurunthotti	Malvaceae
Sida alnifolia	Kurumthotti	Malvaceae
Synedrella nodiflora	Mudiyanpaccha	Asteraceae
Triumfetta rhomboidea	Ottukaichedi	Tiliaceae
Urena lobata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurunnel	Asteraceae

Kizhakkechira Sacred Grove is a small patch of semi- evergreen forests with dominant trees like *Artocarpus hirsutus*, *Aporosa cardiosperma*, *Hydnocarpus pentandrus* etc. Trees are very closely packed and inter-tree spaces are filled with saplings of trees and shrubs like *Chassalia curviflora* var. *ophioxylodes*, *Ixora coccinea*, *Meiogyne pannosa*, *Memecylon umbellatum*, *Pandanus tectorius*, etc. Lianas like *Anamirta cocculus*, *Chonemorpha macrophylla*, *Combretum extensum*, *Derris trifoliata*, *Erycibe paniculata*, *Cissus repens*, etc are also common.

## 2. Chelakkappally Kavu, Puram Village Vaikom-Id Vikm-82

Botanical Name	Local name	Family
<b>Trees</b>		
<i>Adenantha pavonina</i>	Manchadi	Mimosaceae
<i>Aporosa cardiosperma</i> ( <i>Aporosa lindleyana</i> )	Vetti	Euphorbiaceae
<i>Areca catachu</i>	Adakka	Arecaceae
<i>Artocarpus hirsutus</i>	Ayani, Aanjili	Moraceae
<i>Caryota urens</i>	Choondappana, Olattippana	Arecaceae
<i>Chrysophyllum oliviforme</i>	Starapple	Sapotaceae
<i>Cocos nucifera</i>	Thengu	Arecaceae
<i>Diospyros buxifolia</i>	Elicheviyan	Ebenaceae
<i>Melicope lunu-ankenda</i>	Kanala, Nasakam	Rutaceae
<i>Garcinia gummi-gutta</i>	Kodampuli, Pinar	Clusiaceae
<i>Hevea braziliensis</i>	Rubber	Euphorbiaceae
<i>Holigarna arnottiana</i>	Charu, Cheru	Anacardiaceae
<i>Hopea parviflora</i>	Kambakam	Dipterocarpaceae
<i>Hopea ponga</i>	Kambakam, Pongu	Dipterocarpaceae
<i>Hydnocarpus pentandrus</i> ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae
<i>Macaranga peltata</i>	Vatta	Euphorbiaceae
<i>Swietenia mahogani</i>	Mahagani	Meliaceae
<i>Tamarindus indica</i>	Puli, Valanpuli	Caesalpiniaceae
<b>Shrubs</b>		
<i>Canthium coromandelicum</i>	Karttaramullu	Rubiaceae
<i>Chassalia curviflora</i> var. <i>ophioxylodes</i>	Yamari	Rubiaceae
<i>Clerodendrum infortunatum</i>	Peruvelam	Verbenaceae
<i>Eupatorium odoratum</i>	Communistpatcha	Asteraceae
<i>Gardenia gummifera</i>	Digamalakayam	Rubiaceae
<i>Glycosmis pentaphylla</i>	Paanal	Rutaceae
<i>Hibiscus hispidissimus</i>	Panachan	Malvaceae

<i>Ixora coccinea</i>	Thetti, Chethi	Rubiaceae
<i>Leea indica</i>	Njellu, Maniperanda	Leeaceae
<i>Sauropus androgynus</i>	Velicheera	Euphorbiaceae
<i>Urena lobata</i>	Uthiram	Malvaceae
<b>Climbers</b>		
<i>Aristolochia indica</i>	Karalakh, Urithoongi	Aristolochiaceae
<i>Asparagus racemosus</i>	Sathavari	Liliaceae
<i>Centrosema molle</i>	Kaattu-shankupushpam	Fabaceae
<i>Abrus pulchellus</i>	Kaattumuthira	Fabaceae
<i>Derris eualata</i>		Fabaceae
<i>Derris brevipes</i>	Karukody, Pannivalli	Fabaceae
<i>Erycibe paniculata</i>	Erumathali	Convolvulaceae
<i>Ichnocarpus frutescens</i>	Paarvalli	Apocynaceae
<i>Ipomoea mauritiana</i>	Palmuthakku	Convolvulaceae
<i>Jasminum flexile</i>	Kaattumulla	Oleaceae
<i>Mikania micrantha</i>	Dhirastrapacha	Asteraceae
<i>Piper nigrum</i>	Kurumulaku	Piperaceae
<i>Pothos scandens</i>	Paruvakodi	Araceae
<i>Quisqualis indica</i>	Kulamaringi, Thookuchethi	Combretaceae
<i>Salacia fruticosa</i>	Ekanayakam	Hippocrateaceae
<i>Sarcostigma kleinii</i>	Vellodal	Icacinaceae
<i>Smilax zeylanica</i>	Kareelanhi	Smilacaceae
<i>Stenochlaena palustris</i>	Pannalvalli	Blechnaceae
<i>Tiliacora acuminata</i>	Vallikanjiram	Menispermaceae
<i>Uvaria narum</i>	Naumpanal	Annonaceae
<i>Ziziphus oenoplea</i>	Cheruthodali	Rhamnaceae
<i>Ziziphus rugosa</i>	Thodali	Rhamnaceae
<b>Herbs</b>		
<i>Acalypha indica</i>	Kuppameni	Euphorbiaceae
<i>Achyranthes aspera</i>	Kadaladi	Amaranthaceae
<i>Aerva lanata</i>	Cherula	Amaranthaceae
<i>Ageratum conyzoides</i>	Appa	Asteraceae

Biophytum reinwardtii	Mukkutti	Oxalidaceae
Cleome viscosa	Adunarivela	Capparidaceae
Croton hirtus		Euphorbiaceae
Cyathula prostrata	Cherukadaladi	Amaranthaceae
Cyrtococcum oxyphyllum		Poaceae
Dactyloctenium aegypticum	Kakkakalan pullu	Poaceae
Digitaria ciliaris		Poaceae
Eleutheranthera ruderalis		Asteraceae
Hyptis suaveolens	Naattapoochedi	Lamiaceae
Leucas aspera	Thumba	Lamiaceae
Micranthus oppositifolius		Acanthaceae
Mimosa pudica	Thottavadi	Mimosaceae
Mitracarpus villosus	Thaaval	Rubiaceae
Oplismenus compositus		Poaceae
Phyllanthus amarus	Keezharnelli	Euphorbiaceae
Rivinia humilis	Rakthanelli	Phytolacaceae
Sida acuta	Malamkurunthotti	Malvaceae
Spermacoce latifolia	Vellatharavu	Rubiaceae
Synedrella nodiflora	Mudiyanpacha	Asteraceae
Triumfetta rhomboidea	Ottukaichedi	Tiliaceae
Urena lobata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurunnel	Asteraceae

Chalakkappally Kavu is a representation of evergreen forests which was existed in the plains of Kerala state. The dominant trees are of *Artocarpus hirsuta*, *Hopea parviflora*, *Holigarna arnottiana* etc. the shrubby layer is furnished with sturdy shrubs like *Canthium coromandelicum*, *Gardenia gummifera*, *Glycosmis pentaphylla*, *Ixora coccinea*, *Leea indica*, *Ziziphus oenoplea*, etc. This grove is beautified to its original vegetation with lianas like, *Derris brevipes*, *Erycibe paniculata*, *Sarcostigma kleinii*, *Quisqualis indica*, *Salacia fruticosa*, *Ichnocarpus frutescens*, etc. The climbing fern, *Stenochlaena palustris* is very common.

## 3. Nagampuzhi Mana Kavu, Vaikom Naduvila village Id.Vaikm-126

Botanical Name	Local name	Family
<b>Trees</b>		
<i>Adenanthera pavonina</i>	Manchadi	Mimosaceae
<i>Ailanthus triphysa</i>	Perumaram	Simaroubaceae
<i>Albizia odoratissima</i>	Kunnivaka	Mimosaceae
<i>Albizia saman</i> ( <i>Samanea saman</i> )	Urakkanthoongimaram, Rain tree	Mimosaceae
<i>Albizia chinensis</i>	Peelivaaka	Mimosaceae
<i>Alstonia scholaris</i>	Ezhilampala	Apocynaceae
<i>Annona glabra</i>	Kattu-aatha, Kadalatha	Annonaceae
<i>Antiaris toxicaria</i>	Maravuri	Moraceae
<i>Antidesma montanum</i> ( <i>Antidesma menasu</i> )	Putharaval	Euphorbiaceae
<i>Aporosa cardiosperma</i> ( <i>Aporosa lindleyana</i> )	Vetti	Euphorbiaceae
<i>Areca catachu</i>	Adakka	Arecaceae
<i>Artocarpus heterophyllus</i>	Plavu	Moraceae
<i>Artocarpus hirsutus</i>	Ayani, Aanjili	Moraceae
<i>Azadirachta indica</i>	Veppu, Aryaveppu	Meliaceae
<i>Calophyllum calaba</i>	Cherupunna, Aattupunna	Clusiaceae
<i>Carallia brachiata</i>	Vallabham	Rhizophoraceae
<i>Caryota urens</i>	Choondappana, Olattippana	Arecaceae
<i>Cinnamomum verum</i>	Kavuvapatta maram	Lauraceae
<i>Cocos nucifera</i>	Thengu	Arecaceae
<i>Crataeva magna</i>	Neermathalam	Capparidaceae
<i>Diospyros malabarica</i>	Panachi	Ebenaceae
<i>Drypetes elata</i>	Enikomban	Euphorbiaceae
<i>Ficus callosa</i>	Kadaplavu, Mulamplachi	Moraceae
<i>Ficus drupacea</i>	Manja-aal	Moraceae
<i>Ficus exasperata</i>	Therakam	Moraceae
<i>Ficus hispida</i>	Parakam	Moraceae

<i>Ficus racemosa</i>	Atthi	Moraceae
<i>Ficus tsjahela</i>	Chela	Moraceae
<i>Garcinia gummi-gutta</i>	Kodampuli, Pinar	Clusiaceae
<i>Gliricidia sepium</i>	Seemakonna	Fabaceae
<i>Holigarna arnottiana</i>	Cheru, Charu	Anacardiaceae
<i>Hopea parviflora</i>	Kambakam	Dipterocarpaceae
<i>Hopea ponga</i>	Kambakam, Pongu	Dipterocarpaceae
<i>Hydnocarpus pentadrus</i> ( <i>Hydnocarpus laurifolius</i> )	marotti	Flacourtiaceae
<i>Lannea coromandelica</i>	Udhi	Anacardiaceae
<i>Litsea laevigata</i>	Pannithaali	Lauraceae
<i>Lophopetalum wightianum</i>	Venkotta	Celastraceae
<i>Macaranga peltata</i>	Vatta	Euphorbiaceae
<i>Madhuca neriifolia</i>	Attu-ilippa	Sapotaceae
<i>Mangifera indica</i>	Mavu	Anacardiaceae
<i>Meiogyne pannosa</i>	Panthalmaram	Annonaceae
<i>Mimusops elengi</i>	Elengi	Sapotaceae
<i>Nothopegia racemosa</i>		Anacardiaceae
<i>Olea dioica</i>	Idana	Oleaceae
<i>Persea macrantha</i>	Ooravu	Lauraceae
<i>Polyalthia longifolia</i>	Aranamaram	Annonaceae
<i>Strebles asper</i>	Paruvamaram	Moraceae
<i>Swietenia mahogani</i>	Mahagani	Meliaceae
<i>Talipariti tiliacea</i>	Veliparuthi	Euphorbiaceae
<i>Terminalia arjuna</i>	Neermaruthu	Myrtaceae
<i>Terminalia bellirica</i>	Thaanni	Combretaceae
<i>Trewia nudiflora</i>	Pambarakumbil	Euphorbiaceae
<i>Toona ciliata</i>	Mathagirivembu, Chandanavembu	Meliaceae
<i>Vateria indica</i>	Vellappaine	Dipterocarpaceae
<i>Xanthophyllum arnottianum</i>	Madakka	Xanthophyllaceae
<b>Shrubs</b>		

<i>Alpinia galanga</i>	Chittaratha	Zingiberaceae
<i>Bougainvillea spectabilis</i>	Kadalaspoochedi	Nyctaginaceae
<i>Canthium coromandelicum</i>	Kattaramullu	Rubiaceae
<i>Carica papaya</i>	Papaya, Kappakka	Caricaceae
<i>Chassalia curviflora</i> var. <i>ophioxyloides</i>	Yamari	Rubiaceae
<i>Clerodendrum viscosum</i>	Peruvelam	Verbenaceae
<i>Costus speciosus</i>	Channakoova	Zingiberaceae
<i>Eupatorium odoratum</i>	Communistpatcha	Asteraceae
<i>Fagraea ceilanica</i>	Modakam	Loganiaceae
<i>Ficus heterophylla</i>	Vallitherakam	Moraceae
<i>Glycosmis pentaphylla</i>	Paanal	Rutaceae
<i>Hedychium coronarium</i>	Saugandhikam	Zingiberaceae
<i>Helicteres isora</i>	Idampiri-valampiri	Sterculiaceae
<i>Hibiscus hispidissimus</i>	Panachan	Malvaceae
<i>Ixora malabarica</i>	Cherukuravu	Rubiaceae
<i>Leea indica</i>	Njellu, Maniperanda	Leeaceae
<i>Maesa indica</i>	Kirithi	Myrsinaceae
<i>Memecylon umbellatum</i> ( <i>Memecylon edule</i> )	Kashvu, Kayampoo	Melastomataceae
<i>Mussaenda frondosa</i>	Vellila	Rubiaceae
<i>Ochlandra travancorica</i>	Eetta, Eera	Poaceae
<i>Pandanus tectorius</i>	Kaitha	Pandanaceae
<i>Ricinus communis</i>	Aavanakku	Euphorbiaceae
<i>Sauropus androgynus</i>	Velicheera	Euphorbiaceae
<i>Solanum torvum</i>	Chunda, Parachunda	Solanaceae
<i>Stachytarpheta jamaicensis</i>	Kadpananth	Verbenaceae
<i>Tabernaemontana coronaria</i>	Nandhyarvattom	Apocynaceae
<i>Thottea siliquosa</i>	Alppam	Aristolochiaceae
<i>Urena lobata</i>	Uthiram	Malvaceae
<b>Climbers</b>		
<i>Abrus pulchellus</i>	Kaattumuthira	Fabaceae

Acacia pennata	Kakkincha	Mimosaceae
Anamirta cocculus	Pollakkai	Menispermaceae
Aristolochia indica	Karalagam, Urithoongi	Aristolochiaceae
Asparagus racemosus	Sathavari	Liliaceae
Calamus travancoricus	Arichooral	Areaceae
Cayratia pedata	Chorivalli	Vitaceae
Centrosema molle	Kaattu-shankupushpam	Fabaceae
Chonemorpha macrophylla	Perumkurumba	Apocynaceae
Cissus repens	Njarala	Vitaceae
Combretum latifolium		Combretaceae
Cryptolepis buchananii	Kaattupalvalli	Asclepiadaceae
Derris eulata		Fabaceae
Erycibe paniculata	Erumathali	Convolvulaceae
Gloriosa superba	Menthonni	Liliaceae
Hewittia malabarica	Ohanavalli	Convolvulaceae
Hibiscus hispidissimus	Panachan	Malvaceae
Hiptage benghalensis	Madhavilatha	Malpighiaceae
Ichnocarpus frutescens	Paarvalli	Apocynaceae
Ipomoea mauritiana	Paalmuthakku	Convolvulaceae
Merremia umbellata	Koravalli	Convolvulaceae
Mikania micrantha	Dhirastrapacha	Asteraceae
Morinda umbellata	Neivalli	Rubiaceae
Mukia maderaspatana	Mukkapeeram	Cucurbitaceae
Naravelia zeylanica	Vathamkodi	Ranunculaceae
Piper nigrum	Kurumulaku	Piperaceae
Pothos scandens	Paruvakodi	Araceae
Quisqualis indica	Kulamariji, Thookuchethi	Combretaceae
Salacia fruticosa	Ekanayakam	Hippocratiaceae
Sarcostigma kleinii	Vellodal	Icacinaceae
Smilax zeylanica	Kareelanchi	Smilacaceae
Stenochlaena palustris	Pannalvalli	Blechnaceae
Tetracera akara	Nakkuvalli, Kottavalli	Dilleniaceae

<i>Tiliacora acuminata</i>	Vallikanjiram	Menispermaceae
<i>Tinospora cordifolia</i>	Amruthu, Chittamruthu	Menispermaceae
<i>Uvaria narum</i>	Naumpanal	Annonaceae
<i>Ziziphus oenoplea</i>	Cheruthodali	Rhamnaceae
<i>Ziziphus rugosa</i>	Thodali	Rhamnaceae
<b>Herbs</b>		
<i>Acalypha indica</i>	Kuppameni	Euphorbiaceae
<i>Acampe premorsa</i>	Maravazha	Orchidaceae
<i>Achyranthes aspera</i>	Kadaladi	Amaranthaceae
<i>Aerva lanata</i>	Cherula	Amaranthaceae
<i>Ageratum conyzoides</i>	Appa	Asteraceae
<i>Bidens pilosa</i>	Snehakoora	Asteraceae
<i>Biophytum reinwardtii</i>	Mukkutti	Oxalidaceae
<i>Boerhavia diffusa</i>	Thazhuthama	Nyctaginaceae
<i>Cheirostylis flabellata</i>		Orchidaceae
<i>Cleome viscosa</i>	Adunarivela	Capparidaceae
<i>Clerodendrum infortunatum</i>	Peruvelam	Verbenaceae
<i>Croton crispum</i>		Euphorbiaceae
<i>Cyathula prostrata</i>	Cherukadaladi	Amaranthaceae
<i>Cyrtococcum oxyphyllum</i>		Poaceae
<i>Dactyloctenium aegypticum</i>	Kakkakalan pullu	Poaceae
<i>Desmodium gangeticum</i>	Orila	Fabaceae
<i>Digitaria ciliaris</i>		Poaceae
<i>Eleutheranthera ruderalis</i>		Asteraceae
<i>Eragrostis viscosa</i>		Poaceae
<i>Hyptis suaveolens</i>	Naattapoochedi	Lamiaceae
<i>Lagenandra ovata</i>	Andavazha	Araceae
<i>Leucas aspera</i>	Thumba	Lamiaceae
<i>Limnophila racemosa</i>		Scrophulariaceae
<i>Lindernia rotundifolia</i>		Scrophulariaceae
<i>Micranthus oppositifolius</i>		Acanthaceae
<i>Mimosa pudica</i>	Thottavadi	Mimosaceae

Mitracarpus villosus	Thaaval	Rubiaceae
Nelumbo nucifera	Thamara	Nelumbonaceae
Oldenlandia auricularia	Erachiketti	Rubiaceae
Oplismenus compositus		Poaceae
Pancratium triflorum	Kaattulli	Amaryllidaceae
Phyllanthus amarus	Keezharnelli	Euphorbiaceae
Pistia stratiotus		Araceae
Rivinia humilis	Rakthanelli	Phytolacaceae
Setaria palmifolia		Poaceae
Sida acuta	Malamkurunthotti	Malvaceae
Sida alnifolia	Kurumthotti	Malvaceae
Spermacoce latifolia	Vellatharavu	Rubiaceae
Synedrella nodiflora	Mudianpacha	Asteraceae
Triumfetta rhomboidea	Ottukaichedi	Tiliaceae
Urena lobata	Uthiram	Malvaceae
Urena sinuata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurrennel	Asteraceae
Zingiber zerumbet	Malayinchi	Zingiberaceae

Nagampuzhi Mana Sacred grove is a patch of untouched forest of evergreen nature. Major trees are *Holigarna arnottiana*, *Calophyllum calaba*, *Artocarpus hirsutus*, *Hydnocarpus pentandrus*, *Persea macrantha*, and *Vateria indica*. The shrubby layer is dominated by seedlings of major trees and species like *Chassalia curviflora* var. *ophioxylodes*, *Leea indica*, *Ixora coccinea*, *Glycosmis pentaphylla*, *Zingiber zerumbet*. Dominant lianas are *Anamirta cocculus*, *Combretum extensum*, *Derris eualata*, *Tinospora cordifolia*, *Cissus repens* make the grove impenetrable at many locations. The climbing fern *Stenochlaena palustris* is very common in this grove.

## 4. Chetthiyil Kavu, Vaikom, Vadakemuri village Id. Vaikam 136

Botanical Name	Local name	Family
<b>Trees</b>		
<i>Adenantha pavonina</i>	Manchadi	Mimosaceae
<i>Ailanthus triphysa</i>	Perumaram, Matti	Simaroubaceae
<i>Artocarpus heterophyllus</i>	Plavu	Moraceae
<i>Artocarpus hirsutus</i>	Ayini, Aanjili	Moraceae
<i>Carallia brachiata</i>	Vallabham	Rhizophoraceae
<i>Caryota urens</i>	Choondappana, Olattippana	Arecaceae
<i>Cinnamomum verum</i>	Karuva	Lauraceae
<i>Cocos nucifera</i>	Thengu	Arecaceae
<i>Ficus exasperata</i>	Parakam	Moraceae
<i>Ficus hispida</i>	Therakam	Moraceae
<i>Ficus religiosa</i>	Arayal	Moraceae
<i>Gliricidia sepium</i>	Seemakonna	Fabaceae
<i>Glochidion zeylanicum</i>	Neervetti	Euphorbiaceae
<i>Hopea parviflora</i>	Kambakam	Dipterocarpaceae
<i>Hopea ponga</i>	Kambakam, Pongu	Dipterocarpaceae
<i>Hydnocarpus pentandrus</i> ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae
<i>Lanea coromandelica</i>	Udhi	Anacardiaceae
<i>Litsea laevigata</i>	Pannithali	Lauraceae
<i>Macaranga peltata</i>	Mavu	Euphorbiaceae
<i>Mangifera indica</i>	Mavu	Anacardiaceae
<i>Mimusops elengi</i>	Elenji	Sapotaeae
<i>Olea dioica</i>	Idala	Oleaceae
<i>Persea macrantha</i>	Ooravu, Kulamavu	Lauraceae
<i>Samadera indica</i>	Karijotta	Simaroubaceae
<i>Swietenia mahogani</i>	Mahagani	Meliaceae
<i>Tabernaemontana heyneana</i>	Kundalappala	Apocynaceae
<i>Vateria indica</i>	Vellappine	Dipterocarpaceae

<b>Shrubs</b>		
Chassalia curviflora var. ophioxyloides	Yamari	Rubiaceae
Clerodendrum infortunatum	Peruvelam	Verbenaceae
Eupatorium odoratum	Communistpatcha	Asteraceae
Glycosmis pentaphylla	Paanal	Rutaceae
Hibiscus hispidissimus	Panachan	Malvaceae
Mussaenda frondosa	Vellila	Rubiaceae
Pandanus odorifer	Kaitha	
Thottea siliquosa	Alppam	Aristolochiaceae
Urena lobata	Uthiram	Malvaceae
<b>Climbers</b>		
Abrus pulchellus	Kaattumuthira	Fabaceae
Acacia pennata	Kakkincha	Mimosaceae
Centrosema molle	Kattu-shankupushpam	Fabaceae
Chonemorpha macrophylla	Perumkurumba	Apocynaceae
Derris brevipes		Fabaceae
Derris eualata		Fabaceae
Ichnocarpus frutescens	Paarvalii	Apocynaceae
Merremia umbellata	Koravalli	Convolvulaceae
Mikania micrantha	Dhirastrapacha	Asteraceae
Mukia maderaspatana	Mukkaperam	Cucurbitaceae
Pothos scandens	Paruvakodi	Araceae
Quisqualis indica	Kulamaringi, Thookuchethi	Combretaceae
Sarcostigma kleinii	Vellodal	Icacinaceae
Smilax zeylanica	Kareelanchi	Smilacaceae
Stenochlaena palustris	Pannalvalli	Blechnaceae
Tetracera akara	Nakkuvalli, Kottavalli	Dilleniaceae
Uvaria narum	Naumpanal	Annonaceae
<b>Herbs</b>		
Acalypha indica	Kuppameni	Euphorbiaceae
Achyranthes aspera	Kadaladi	Amaranthaceae

Aerva lanata	Cherula	Amaranthaceae
Ageratum conyzoides	Appa	Asteraceae
Bidens pilosa	Snehakoora	Asteraceae
Spermaceoce latifolia	Vellatharavu	Rubiaceae
Cleome viscosa	Adunarivela	Capparidaceae
Croton hirtus		Euphorbiaceae
Cyathula prostrata	Cherukadaladi	Amaranthaceae
Eleutheranthera ruderalis		Asteraceae
Hyptis suaveolens	Naattapoochedi	Lamiaceae
Leucas aspera	Thumba	Lamiaceae
Mimosa pudica	Thottavadi	Mimosaceae
Mitracarpus villosus	Thaaval	Rubiaceae
Phyllanthus amarus	Keezharnelli	Euphorbiaceae
Sida acuta	Malamkurunthotti	Malvaceae
Synedrella nodiflora	Mudianpacha	Asteraceae
Triumfetta rhomboidea	Ottukaichedi	Tiliaceae
Urena lobata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurunnel	Asteraceae
Zingiber zerumbet	Malayinchi	Zingiberaceae

**5. Aattuvaippin Kavu, Vaikom, Kulasegharamangalam Village- Id. Vikm-163**

<b>Botanical Name</b>	<b>Local name</b>	<b>Family</b>
<b>Trees</b>		
Adenantha pavonina	Manchadi	Mimosaceae
Antidesma montanum	Putharaval	Euphorbiaceae
Aporosa lindleyana	Vetti	Euphorbiaceae
Areca catachu	Adakka	Arecaceae
Artocarpus heterophyllus	Plavu	Moraceae
Artocarpus hirsutus	Ayini, Aanjili	Moraceae
Calophyllum calaba	Cherupunna, Aattupunna	Clusiaceae
Calophyllum inophyllum	Punna	Clusiaceae

Carallia brachiata	Vallabham	Rhizophoraceae
Caryota urens	Choondappana, Olattippana	Arecaceae
Cerebra odollam	Othala	Apocynaceae
Cinnamomum verum	Karuva	Lauraceae
Cocos nucifera	Thengu	Arecaceae
Evodia lunu-ankenda	Kanala, Kambili	Rutaceae
Ficus exasperata	Parakam	Moraceae
Ficus hispida	Therakam	Moraceae
Ficus tsjahela	Chela	Moraceae
Garcinia gummi-gutta	Kodampuli, Pinar	Clusiaceae
Gliricidia sepium	Seemakonna	Fabaceae
Holigarna arnottiana	Cheru, Charu	Anacardiaceae
Hydnocarpus pentandrus ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae
Lanea coromandelica	Udhi	Anacardiaceae
Macaranga peltata	Vatta	Euphorbiaceae
Mangifera indica	Mavu	Anacardiaceae
Mimusops elengi	Elenji	Sapotaeae
Olea dioica	Idala	Oleaceae
Persea macrantha	Ooravu, Kulamavu	Lauraceae
Stereospermum colais	Paathiri	Bignoniaceae
Swietenia mahogani	Mahagani	Meliaceae
Talipariti tiliaceum	Veliparutthi	Malvaceae
Thespesia populnea	Poovarasu, Cheelanthi	Malvaceae
Trewia nudiflora	Pambarakumbil	Euphorbiaceae
Vateria indica	Vellappine	Dipterocarpaceae
<b>Shrubs</b>		
Bougainvillea spectabilis	Kadalsupoochedi	Nyctaginaceae
Canthium coromandelicum	Kattaramullu	Rubiaceae
Chassalia curviflora var. ophioxyloides	Yamari	Rubiaceae
Clerodendrum infortunatum	Peruvelam	Verbenaceae

Eupatorium odoratum	Communistpatcha	Asteraceae
Glycosmis pentaphylla	Paanal	Rutaceae
Helicteres isora	Idampiri-valampiri	Sterculiaceae
Ixora coccinea	Thetti, Chetthi	Rubiaceae
Leea indica	Njellu, Maniparanda	Leeaceae
Osbeckia aspera	Cherukadali	Melastomataceae
Pandanus tectorius	Thekku	Pandanaceae
Sauropus androgynus	Velicheera	Euphorbiaceae
Stachytarpheta jamaicensis	Kadapananth	Verbenaceae
Urena lobata	Uthiram	Malvaceae
<b>Climbers</b>		
Anamirta cocculus	Pollakkai	Menispermaceae
Asparagus racemosus	Sathavari	Liliaceae
Centrosema molle	Kattu-shankupushpam	Fabaceae
Cissus repens	Njarala	Vitaceae
Combretum ovalifolium		Combretaceae
Cryptolepis buchananii	Kattupalvalli	Asclepiadaceae
Derris eualata		Fabaceae
Hibiscus hispidissimus	Panachan	Malvaceae
Hiptage banghalensis	Madhavilatha	Malpighiaceae
Ichnocarpus frutescens	Paarvalii	Apocynaceae
Ipomoea mauritiana	Palmuthakku	Convolvulaceae
Merremia umbellata	Koravalli	Convolvulaceae
Mikania micrantha	Dhirastrapacha	Asteraceae
Morinda umbellata	Neivalli	Rubiaceae
Mukia maderaspatana	Mukkapeeram	Cucurbitaceae
Piper nigrum	Kurumulaku	Piperaceae
Pothos scandens	Paruvakodi	Araceae
Quisqualis indica	Kulamaringi, Thookuchethi	Combretaceae
Sarcostigma kleinii	Vellodal	Icacinaceae
Smilax zeylanica	Kareelanchi	Smilacaceae
Stenochlaena palustris	Pannalvalli	Blechnaceae

Tiliacora acuminata	Vallikanjiram	Menispermaceae
Tinospora cordifolia	Amruthu, Chittamruthu	Menispermaceae
Uvaria narum	Naumpanal	Annonaceae
Vattakakka volubilis	Vattakakkakodi	Asclepiadaceae
Vernonia elliptica	Curtain plant	Asteraceae
<b>Herbs</b>		
Acalypha indica	Kuppameni	Euphorbiaceae
Achyranthes aspera	Kadaladi	Amaranthaceae
Ageratum conyzoides	Appa	Asteraceae
Alpinia galanga	Chittaratha	Zingiberaceae
Biophytum reinwardtii	Mukkutti	Oxalidaceae
Boerhavia diffusa	Thazhuthama	Nyctaginaceae
Spermacoce latifolia	Vellatharavu	Rubiaceae
Cleome viscosa	Adunarivela	Capparidaceae
Croton crispum		Euphorbiaceae
Cyrtococcum patens		Poaceae
Dactyloctenium aegypticum	Kakkakalan pullu	Poaceae
Digitaria ciliaris		Poaceae
Eleutheranthera ruderalis		Asteraceae
Hyptis suaveolens	Naattapoochedi	Lamiaceae
Mimosa pudica	Thottavadi	Mimosaceae
Mitracarpus villosus	Thaaval	Rubiaceae
Oldenlandia auricularia	Erachiketti	Rubiaceae
Oplismenus compositus		Poaceae
Sida acuta	Malamkurunthotti	Malvaceae
Synedrella nodiflora	Mudianpacha	Asteraceae
Triumfetta rhomboidea	Ottukaichedi	Tiliaceae
Urena sinuata	Uthiram	Malvaceae
Urena lobata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurrennel	Asteraceae
Zingiber zerumbet	Malayinchi	Zingiberaceae

## 6. Kurinji Kavu, Meenachil, Ramapuram Village- Id. Mnch-21

Botanical Name	Local name	Family
<b>Trees</b>		
<i>Adenantha pavonina</i>	Manchadi	Mimosaceae
<i>Aglaiia barberi</i>	Karakil	Meliaceae
<i>Albizia lebbeck</i>	Karivaka, Karimthakara	Mimosaceae
<i>Albizia saman</i> ( <i>Samanea saman</i> )	Urakkanthoongimaram, Rain tree	Mimosaceae
<i>Alstonia scholaris</i>	Ezhilampala	Apocynaceae
<i>Annona reticulata</i>	Aatha	Anonaceae
<i>Antiaris toxicaria</i>	Maravuri	Moraceae
<i>Antidesma montanum</i>	Putharaval	Euphorbiaceae
<i>Aporosa cardiosperma</i> ( <i>Aporosa lindleyana</i> )	Vetti	Euphorbiaceae
<i>Areca catachu</i>	Adakka	Arecaceae
<i>Artocarpus heterophyllus</i>	Plavu	Moraceae
<i>Artocarpus hirsutus</i>	Ayini, Aanjili	Moraceae
<i>Azadirachta indica</i>	Veppu, Aryaveppu	Meliaceae
<i>Bambusa vulgaris</i>	Manjamula	Poaceae
<i>Butea monspersma</i>	Plash	Fabaceae
<i>Cananga odorata</i>	Kanakamaram	Annonaceae
<i>Caryota urens</i>	Choondappana, Olattippana	Arecaceae
<i>Coffea arabica</i>	Kaappi	Rubiaceae
<i>Cycas circinalis</i>	Eenth	Cycadaceae,
<i>Dichapetalum gelonioides</i>	Kattukappikkuru	Dichapetalaeae
<i>Dimocarpus longan</i>	Cholapooavam	Sapindaceae
<i>Diospyros bourdillonii</i>	Karimaram	Ebenaceae
<i>Dysoxylum malabaricum</i>	Vellakil	Meliaceae
<i>Ficus auriculata</i>	Seema-atthi	Moraceae
<i>Ficus benghalensis</i>	Peral	Moraceae
<i>Ficus callosa</i>	Kadaplavu, Mulamplachi	Moraceae

<i>Ficus drupacea</i>	Manja -aal	Moraceae
<i>Ficus exasperata</i>	Parakam	Moraceae
<i>Ficus hispida</i>	Therakam	Moraceae
<i>Ficus racemosa</i>	Itthi	Moraceae
<i>Ficus tsjahela</i>	Chela	Moraceae
<i>Garcinia gummi-gutta</i>	Kodampuli, Pinar	Clusiaceae
<i>Gliricidia sepium</i>	Seemakonna	Fabaceae
<i>Gmelina arborea</i>	Kumizhu, Kumbil	Verbenaceae
<i>Goniothalamus wynaadensis</i>		Annonaceae
<i>Holigarna arnottiana</i>	Cheru, Charu	Anacardiaceae
<i>Hopea parviflora</i>	Kambakam	Dipterocarpaceae
<i>Hydnocarpus pentandrus</i> ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae
<i>Lagerstroemia speciosa</i>	Poomaruthu	Lythraceae
<i>Lanea coromandelica</i>	Udhi	Anacardiaceae
<i>Litsea laevigata</i>	Pannithali	Lauraceae
<i>Lophopetalum wightianum</i>	Venkotta	Celastraceae
<i>Madhuca neriifolia</i>	Aattuilippa	Sapotaceae
<i>Mangifera indica</i>	Mavu	Anacardiaceae
<i>Mesua ferrea</i>	Naanku	Clusiaceae
<i>Michelia champaca</i>	Chempakam	Magnoliaceae
<i>Mimusops elengi</i>	Elenji	Sapotaeae
<i>Nothopogia racemosa</i>	Naicheru	Anacardiaceae
<i>Peltophorum pterocarpum</i>	Charakonna	Caesalpiniaceae
<i>Persea macrantha</i>	Ooravu, Kulamavu	Lauraceae
<i>Polyalthia longifolia</i>	Aranamaram	Annonaceae
<i>Pongamia pinnata</i>	Ungu	Fabaceae
<i>Pterospermum reticulatum</i>	Malayuram	Teliaceae
<i>Pterygota alata</i>	Anatthondi	Sterculiaceae
<i>Samadera indica</i>	Karnjotta	Simaroubaceae
<i>Saraca asoca</i>	Ashokam	Caesalpiniaceae
<i>Schleichera oleosa</i>	Poovam	Sapindaceae

<i>Sterculia guttata</i>	Kavalam	Sterculiaceae
<i>Stereospermum colais</i>	Pathiri	Bignoniaceae
<i>Strebles asper</i>	Paruvamaram	Moraceae
<i>Strombosia ceylanica</i>	Kalmanikkam	Olacaceae
<i>Strychnos nux-vomica</i>	Kanjiram	Loganiaceae
<i>Swietenia mahogani</i>	Mahagani	Meliaceae
<i>Symplocos racemosa</i>	Pachotti	Symplocaceae
<i>Syzygium cumini</i>	Njaval	Myrtaceae
<i>Tabernaemontana heyneana</i>	Kundalappala	Apocynaceae
<i>Talipariti tiliaceum</i>	Veliparutthi	Malvaceae
<i>Terminalia bellirica</i>	Taanni	Combretaceae
<i>Terninalia arjuna</i>	Neermaruthu	Myrtaceae
<i>Toona ciliata</i>	Chandanavembu, Mathgirivembu	Meliaceae
<i>Trewia nudiflora</i>	Pambarakumbil	Euphorbiaceae
<i>Vateria indica</i>	Vellappine	Dipterocarpaceae
<i>Xanthophyllum arnottianum</i>	Madakka	Xanthophyllaceae
<b>Shrubs</b>		
<i>Alpinia galanga</i>	Chittaratha	Zingiberaceae
<i>Barleria cristata</i>	Kanakambaram	Acanthaceae
<i>Canthium coromandelicum</i>	Kattaramullu	Rubiaceae
<i>Chassalia curviflora</i> var. <i>ophioxyloides</i>	Yamari	Rubiaceae
<i>Clerodendrum infortunatum</i>	Peruvelam	Verbenaceae
<i>Costus speciosus</i>	Channakkoova	Zingiberaceae
<i>Eupatorium odoratum</i>	Communistpatcha	Asteraceae
<i>Glycosmis pentaphylla</i>	Paanal	Rutaceae
<i>Helicteres isora</i>	Idampiri-valampiri	Sterculiaceae
<i>Hibiscus hispidissimus</i>	Panachan	Malvaceae
<i>Ixora malabarica</i>	Cherukuravu	Rubiaceae
<i>Leea indica</i>	Njellu, Maniparanda	Leeaceae
<i>Meiogyne pannosa</i>	Panthalmaram	Annonaceae

Memecylon umbellatum	Kashavu, Kayampoo	Melastomataceae
Mussaenda frondosa	Vellila	Rubiaceae
Nyctanthus arbor-tristis	Pavizhamulla	Oleaceae
Ricinus communis	Aavanakku	Euphorbiaceae
Sauropus androgynus	Velicheera	Euphorbiaceae
Solanum torvum	Chunda, Parachunda	Solanaceae
Solanum virginianum	Kandankathiri	Solanaceae
Stachytarpheta jamaicensis	Kadapananth	Verbenaceae
Thottea siliquosa	Alppam	Aristolochiaceae
Urena lobata	Uthiram	Malvaceae
<b>Climbers</b>		
Abrus pulchellus	Kaattumuthira	Fabaceae
Acacia pennata	Kakkincha	Mimosaceae
Alangium salviifolium subsp. hexapetalum	Valli-ankolam	Alangiaceae
Anamirta cocculus	Pollakkai	Menispermaceae
Aristolochia indica	Cuizcaqen	Aristolochiaceae
Asparagus racemosus	Sathavari	Liliaceae
Caesalpinia bonduc	Kazhanchi	Caesalpiniaceae
Calamus pseudotenuis	Chooral	Arecaceae
Calamus travancoricus	Arichooral	Arecaceae
Calycopteris floribunda	Pullani	Combretaceae
Cayratia pedata	Corivalli	Vitaceae
Centrosema molle	Kattu-shankupushpam	Fabaceae
Chonemorpha macrophylla	Perumkurumba	Apocynaceae
Cissus repens	Njarala	Vitaceae
Combretum ovalifolium		Combretaceae
Croton caudatus		Euphorbiaceae
Cryptolepis buchananii	Kattupalvalli	Asclepiadaceae
Cyclea peltata	Padakizhangu	Menispermaceae
Erycibe paniculata	Erumathali	Convolvulaceae
Gloriosa superba	Menthonni	Liliaceae

Gouania microcarpa		Rhamnaceae
Hibiscus hispidissimus	Panachan	Malvaceae
Hiptage benghalensis	Madhavilatha	Malpighiaceae
Ichnocarpus frutescens	Paarvalii	Apocynaceae
Ipomoea mauritiana	Palmuthakku	Convolvulaceae
Jasminum rottlerianum	Kaattumulla	Oleaceae
Mukia maderaspatana	Mukkapeeram	Cucurbitaceae
Merremia umbellata	Koravalli	Convolvulaceae
Mikania micrantha	Dhristrapacha	Asteraceae
Millettia rubiginosa		Fabaceae
Myxopyrum smilacifolium	Chathuramulla	Oleaceae
Naravelia zeylanica	Vathamkodi	Ranunculaceae
Piper nigrum	Kurumulaku	Piperaceae
Pothos scandens	Paruvakodi	Araceae
Quisqualis indica	Kulamaringi, Thookuchethi	Combretaceae
Salacia fruticosa	Ekanayakam	Hippocrateaceae
Sarcostigma kleinii	Vellodal	Icacinaceae
Smilax zeylanica	Kareelanchi	Smilacaceae
Tiliacora acuminata	Vallikanjiram	Menispermaceae
Tinospora cordifolia	Amruthu, Chittamruthu	Menispermaceae
Toddalia asiatica	Thodali	Rutaceae
Tragia involucrata	Vallichhoriyanam	Euphorbiaceae
Uvaria narum	Naumpanal	Annonaceae
Ventilago bombaensis	Vembadavalli	Rhamnaceae
<b>Herbs</b>		
Acalypha indica	Kuppameni	Euphorbiaceae
Acampe premorsa	Maravazha	Orchidaceae
Achyranthes aspera	Kadaladi	Amaranthaceae
Aerva lanata	Cherula	Amaranthaceae
Ageratum conyzoides	Appa	Asteraceae
Asystasia gangetica		Acanthaceae
Biophytum reinwardtii	Mukkutti	Oxalidaceae

Boerhavia diffusa	Thazhuthama	Nyctaginaceae
Spermaceoce latifolia	Vellatharavu	Rubiaceae
Cleome viscosa	Adunarivela	Capparidaceae
Cyathula prostrata	Cherukadaladi	Amaranthaceae
Cyrtococcum oxyphyllum		Poaceae
Desmodium gangeticum	Orl	Fabacea
Digitaria ciliaris		Poaceae
Eleutheranthera ruderalis		Asteraceae
Hedychium coronarium	Saugandhikam	Zingiberaceae
Hyptis suaveolens	Naattapoochedi	Lamiaceae
Leucas aspera	Thumba	Lamiaceae
Micranthus oppositifolius		Acanthaceae
Mimosa pudica	Thottavadi	Mimosaceae
Mitracarpus villosus	Thaaval	Rubiaceae
Oldenlandia auricularia	Erachiketti	Rubiaceae
Oplismenus compositus		Poaceae
Phyllanthus amarus	Keezharnelli	Euphorbiaceae
Sida acuta	Malamkurunthotti	Malvaceae
Synedrella nodiflora	Mudianpacha	Asteraceae
Triumfetta rhomboidea	Ottukaichedi	Tiliaceae
Urena lobata	Uthiram	Malvaceae
Urena sinuata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurunnel	Asteraceae
Zingiber zerumbet	Malayinchi	Zingiberaceae

Kurinji Kavu is a patch of untouched forest of evergreen nature with large trees. Major trees are *Strombosia ceylanica*, *Antiaris toxicaria*, *Artocarpus hirsutus*, *Hopea parviflora*, and *Vateria indica*. The shrubby layer is dominated by seedlings of major trees and species like *Chassalia curviflora* var. *ophioxylodes*, *Leea indica*, *Ixora coccinea*, *Glycosmis pentaphylla*, *Zingiber zerumbet*. Dominant lianas like *Anamirta cocculus*, *Combretum ovalifolium*, *Tinospora cordifolia*, *Cissus repens* make the grove impenetrable

**7. Eesanath Kavu, Thuruthy, Changanasserry, Vazhapally Village-  
Chang-40**

**Id.**

<b>Botanical Name</b>	<b>Local name</b>	<b>Family</b>
<b>Trees</b>		
Acacia mangium	Mangium	Mimosaceae
Acronychia pedunculata	Vidukanali	Rutaceae
Adenantha pavonina	Manchadi	Mimosaceae
Alstonia scholaris	Ezhilampala	Apocynaceae
Antidesma montanum	Putharaval	Euphorbiaceae
Aporosa lindleyana	Vetti	Euphorbiaceae
Areca catachu	Adakka	Areaceae
Artocarpus heterophyllus	Plavu	Moraceae
Artocarpus hirsutus	Ayini, Aanjili	Moraceae
Barringtonia racemosa	Samudrakkai	Lecythidaceae
Caryota urens	Choondappana, Olattippana	Areaceae
Cassia fistula	Kanikkonna	Caesalpiniaceae
Chrysophyllum oliviforme	Starapple	Sapotaceae
Cinnamomum verum	Karuva	Lauraceae
Ficus drupacea	Manja-aal	Moraceae
Ficus exasperata	Parakam	Moraceae
Ficus hispida	Therakam	Moraceae
Garcinia gummi-gutta	Kodampuli, Pinar	Clusiaceae
Hopea parviflora	Kambakam	Dipterocarpaceae
Hydnocarpus pentandrus ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae
Lanea coromandelica	Udhi	Anacardiaceae
Litsea laevigata	Pannithali	Lauraceae
Macaranga peltata	Mavu	Euphorbiaceae
Mangifera indica	Mavu	Anacardiaceae
Mimusops elengi	Elenji	Sapotaceae
Olea dioica	Idala	Oleaceae

<i>Psidium gujava</i>	Pera	Myrtaceae
<i>Samadera indica</i>	Karijotta	Simaroubaceae
<i>Swietenia mahogani</i>	Mahagani	Meliaceae
<i>Tabernaemontana heyneana</i>	Kundalappala	Apocynaceae
<i>Trema orientalis</i>	Aamathali	Ulmaceae
<i>Xanthophyllum arnottianum</i>	Madakka	Xanthophyllaceae
<b>Shrubs</b>		
<i>Antidesma acidum</i>	Arippazhachedi	Euphorbiaceae
<i>Canthium coromandelicum</i>	Kattaramullu	Rubiaceae
<i>Chassalia curviflora</i> var. <i>ophioxyloides</i>	Yamari	Rubiaceae
<i>Clerodendrum infortunatum</i>	Peruvelam	Verbenaceae
<i>Clidemia hirta</i>		Melastomataceae
<i>Glycosmis pentaphylla</i>	Paanal	Rutaceae
<i>Grewia paniculata</i>		Tiliaceae
<i>Hedychium coronarium</i>	Saugandhikam	Zingiberaceae
<i>Helicteres isora</i>	Idampiri-valampiri	Sterculiaceae
<i>Hibiscus rosa-sinensis</i>	Chemparathi	Malvaceae
<i>Memecylon umbellatum</i>	Kashavu, Kayampoo	Melastomataceae
<i>Mussaenda frondosa</i>	Vellila	Rubiaceae
<i>Sauropus androgynus</i>	Velicheera	Euphorbiaceae
<i>Tabernaemontana coronaria</i>	Nandhiyarvattom	Apocynaceae
<i>Thottea siliquosa</i>	Alppam	Aristolochiaceae
<i>Urena lobata</i>	Uthiram	Malvaceae
<b>Climbers</b>		
<i>Abrus pulchellus</i>	Kaattumuthira	Fabaceae
<i>Cayratia pedata</i>	Chorivalli	Vitaceae
<i>Centrosema molle</i>	Kaattu-shangupushpam	Fabaceae
<i>Chonemorpha macrophylla</i>	Perumkurumba	Apocynaceae
<i>Cissus repens</i>	Njarala	Vitaceae
<i>Cyclea peltata</i>	Padakizhangu	Menispermaceae
<i>Dalbergia horrida</i>	Anamullu	Fabaceae

Derris eualata	IpcnbÂ	Fabaceae
Dioscorea bulbifera	Kezhakka kachil	Dioscoreaceae
Ichnocarpus frutescens	Paarvalii	Apocynaceae
Jasminum rottlerianum	Kaattumulla	Oleaceae
Mikania micrantha	Dhirastrapacha	Asteraceae
Mukia maderaspatana	Mukkapeeram	Cucurbitaceae
Pothos scandens	Paruvakodi	Araceae
Stenochlaena palustris	Pannalvalli	Blechnaceae
Strychnos minor	Vallikanjiram	Loganiaceae
Tinospora cordifolia	Amruthu, Chittamruthu	Menispermaceae
Uvaria narum	Naumpanal	Annonaceae
Ziziphus oenoplea	Cheruthodali	Rhamnaceae
<b>Herbs</b>		
Achyranthes aspera	Kadaladi	Amaranthaceae
Axonopus compressus	Kalappullu	Poaceae
Biophytum reinwardtii	Mukkutti	Oxalidaceae
Costus speciosus	Channakkoova	Zingiberaceae
Cynodon dactylon	Karuka	
Cyrtococcum oxyphyllum		Poaceae
Dactyloctenium aegypticum	Kakkakalan pullu	Poaceae
Desmodium gangeticum	Orila	Fabaceae
Digitaria ciliaris		Poaceae
Evolvulus numularis		Convolvulaceae
Eragrostis viscosa		Poaceae
Hyptis suaveolens	Naattapoochedi	Lamiaceae
Oldenlandia corymbosa	Parpidakapullu	Rubiaceae
Limnophila racemosa		Scrophulariaceae
Leucas aspera	Thumba	Lamiaceae
Ludwigia parviflora		Onagraceae
Melochia corchorifolia		Tiliaceae
Mimosa pudica	Thottavadi	Mimosaceae
Mitracarpus villosus	Thaaval	Rubiaceae

Oldenlandia auricularia	Erachiketti	Rubiaceae
Oplismenus compositus		Poaceae
Scoparia dulcis	Kallurukki, Meenamkanni	Scrophulariaceae
Sida acuta	Malamkurunthotti	Malvaceae
Sida alnifolia	Kurumthotti	Malvaceae
Synedrella nodiflora	Mudianpacha	Asteraceae
Triumfetta rhomboidea	Ottukaichedi	Tiliaceae
Urena sinuata	Uthiram	Malvaceae
Urena lobata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurunnel	Asteraceae
Zingiber zerumbet	Malayinchi	Zingiberaceae

**8. Devalokam Kailasanathakshethram, Vazhappally, Changanasserry- Id-Chang 54**

<b>Botanical Name</b>	<b>Local name</b>	<b>Family</b>
<b>Trees</b>		
Acacia mangium	Mangium	Mimosaceae
Acronychia pedunculata	Vidukanali	Rutaceae
Adenanthera pavonina	Manchadi	Mimosaceae
Ailanthus triphysa	Perumaram, Matti	Simaroubaceae
Albizia chinensis	Peelivaka	Mimosaceae
Aporosa lindleyana	Vetti	Euphorbiaceae
Areca catachu	Adakka	Arecaceae
Artocarpus heterophyllus	Plavu	Moraceae
Artocarpus hirsutus	Ayini, Aanjili	Moraceae
Azadirachta indica	Veppu, Atyaveppu	Meliaceae
Bridelia retusa	Mulluvenga	Euphorbiaceae
Carallia brachiata	Vallabham	Rhizophoraceae
Caryota urens	Choondappana, Olattippana	Arecaceae
Cassia fistula	Kanikkonna	Caesalpiniaceae
Ficus racemosa	Manja-aal	Moraceae
Garcinia gummi-gutta	Kodampuli, Pinar	Clusiaceae

Hydnocarpus pentandrus ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae
Lanea coromandelica	Udhi	Anacardiaceae
Macaranga peltata	Vatta	Euphorbiaceae
Mangifera indica	Mavu	Anacardiaceae
Mimusops elengi	Elenji	Sapotaeae
Samadera indica	Karijotta	Simarubaceae
Swietenia mahogani	Mahagani	Meliaceae
Talipariti tiliaceum	Velipparuthi	Malvaceae
Tectona grandis	Thekku	Verbenaceae
<b>Shrubs</b>		
Aeschynomene aspera	Ponguchedi	Fabaceae
Chassalia curviflora var. ophioxyloides	Yamari	Rubiaceae
Eupatorium odoratum	Communistpatcha	Asteraceae
Glycosmis pentaphylla	Paanal	Rutaceae
Grewia paniculata	Kottakka	Tiliaceae
Helicteres isora	Idampiri-valampiri	Sterculiaceae
Hibiscus rosa-sinensis	Chemparathi	Malvaceae
Memecylon umbellatum	Kashavu, Kayampoo	Melastomataceae
Mussaenda frondosa	Vellila	Rubiaceae
Sauropus androgynus	Velicheera	Euphorbiaceae
Tabernaemontana coronaria	Nandhiyarvattom	Apocynaceae
Tecoma stans		Bignoniaceae
Urena lobata	Uthiram	Malvaceae
<b>Climbers</b>		
Anamirta cocculus	Pollakkai	Menispermaceae
Centrosema molle	Kaattu-shangupushpam	Fabaceae
Cissus repens	Njarala	Vitaceae
Dioscorea bulbifera	Kezhakka kachil	Dioscoreaceae
Ichnocarpus frutescens	Paarvalii	Apocynaceae
Mikania micrantha	Dhriastrapacha	Asteraceae

Pothos scandens	Paruvakodi	Araceae
Stenochlaena palustris	Pannalvalli	Blechnaceae
Tiliacora acuminata	Vallikanjiram	Menispermaceae
Tinospora cordifolia	Amruthu, Chittamruthu	Menispermaceae
Uvaria narum	Naumpanal	Annonaceae
Ziziphus rugosa	Cheruthodali	Rhamnaceae
<b>Herbs</b>		
Aerva lanata	Cherula	Amaranthaceae
Axonopus compressus	Kalappullu	Poaceae
Biophytum reinwardtii	Mukkutti	Oxalidaceae
Cassia tora	Oolan thakara	Fabaceae
Cleome viscosa	Adunarivela	Capparidaceae
Costus speciosus	Channakkoova	Zingiberaceae
Cynodon dactylon	Karuka	Poaceae
Dactyloctenium aegypticum	Kakkakalan pullu	Poaceae
Digitaria ciliaris		Poaceae
Hyptis suaveolens	Naattapoochedi	Lamiaceae
Leucas aspera	Thumba	Lamiaceae
Mimosa pudica	Thottavadi	Mimosaceae
Mitracarpus villosus	Thaaval	Rubiaceae
Oldenlandia auricularia	Erachiketti	Rubiaceae
Oldenlandia corymbosa		Rubiaceae
Phyllanthus urinaria	Chuvanna keezharnelli	Euphorbiaceae
Pilea melastomoides	Narali	Urticaceae
Scoparia dulcis	Kallurukki, Meenamkanni	Scrophulariaceae
Sida acuta	Malamkurunthotti	Malvaceae
Spermacoce latifolia	Vellatharavu	Rubiaceae
Synedrella nodiflora	Mudianpacha	Asteraceae
Tephrosia pumila	Kozhinja	Fabaceae
Urena lobata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurunnel	Asteraceae

## 9. Vazhappilly Mahadeva Kshethram, Changanassery Vazhapally Village Id-59

Botanical Name	Local name	Family
<b>Trees</b>		
Adenantha pavonina	Manchadi	Mimosaceae
Ailanthus triphysa	Perumaram, Matti	Simaroubaceae
Alstonia scholaris	Ezhilampala	Apocynaceae
Annona squamosa	Aatha	Annonaceae
Artocarpus hirsutus	Ayini, Aanjili	Moraceae
Butea monosperma	Plash	Fabaceae
Cassia fistula	Kanikkonna	Caesalpiniaceae
Cinnamomum malabattrum	Vayana	Lauraceae
Ficus racemosa	Atthi	Moraceae
Ficus religiosa	Arayal	Moraceae
Garcinia gummi-gutta	Kodampuli, Pinar	Clusiaceae
Holigarna arnottiana	Cheru, Charu	Anacardiaceae
Macaranga peltata	Vatta	Euphorbiaceae
Mimusops elengi	Elenji	Sapotaeae
Phyllanthus emblica	Nelli	Rubiaceae
Pongamia pinnata	Ungu	Fabaceae
Pterocarpus marsupium	Venga	Fabaceae
Saraca asoca	Ashokam	Caesalpiniaceae
Scolopia crenulata	Mullukara	Flacourtiaceae
Sterculia balanghas	Thondi	Sterculiaceae
Streblus asper	Paruvamaram	Moraceae
Strychnos nux-vomica	Kanjiram	Loganiaceae
Talipariti tiliaceum	Veliparutthi	Malvaceae
Terminalia arjuna	Neermaruthu	Myrtaceae
Vateria indica	Vellappine	Dipterocarpaceae
<b>Shrubs</b>		
Alpinia galanga	Chittaratha	Zingiberaceae
Chassalia curviflora var.	Yamari	Rubiaceae

ophioxyloides		
Clerodendrum infortunatum	Peruvelam	Verbenaceae
Eupatorium odoratum	Communistpatcha	Asteraceae
Glycosmis pentaphylla	Paanal	Rutaceae
Helicteres isora	Idampiri-valampiri	Sterculiaceae
Hibiscus hispidissimus	Panachan	Malvaceae
Ixora coccinea	Chuvanna Thetchi, Thetti	Rubiaceae
Memecylon umbellatum	Kashavu, Kayampoo	Melastomataceae
Tabernaemontana coronaria	Nandhiyarvattom	Apocynaceae
Urena lobata	Uthiram	Malvaceae
<b>Climbers</b>		
Anamirta cocculus	Pollakkai	Menispermaceae
Cayratia pedata		Vitaceae
Centrosema molle	Kattu-shankupushpam	Fabaceae
Cissus repens	Njarala	Vitaceae
Hewittia malabarica	Ohanavalli	Convolvulaceae
Ichnocarpus frutescens	Paarvalii	Apocynaceae
Pothos scandens	Paruvakodi	Araceae
Stenochlaena palustris	Pannalvalli	Blechnaceae
Tiliacora acuminata	Vallikanjiram	Menispermaceae
Tinospora cordifolia	Amruthu, Chittamruthu	Menispermaceae
Uvaria narum	Naumpanal	Annonaceae
<b>Herbs</b>		
Acalypha indica	Kuppameni	Euphorbiaceae
Achyranthes aspera	Kadaladi	Amaranthaceae
Aerva lanata	Cherula	Amaranthaceae
Ageratum conyzoides	APPA	Asteraceae
Biophytum reinwardtii	Mukkutti	Oxalidaceae
Boerhavia diffusa	Thazhuthama	Nyctaginaceae
Spermacoce latifolia	Vellatharavu	Rubiaceae
Cleome viscosa	Adunarivela	Capparidaceae
Costus speciosus	Channakkoova	Zingiberaceae

Croton crispum		Euphorbiaceae
Cyathula prostrata	Cherukadaladi	Amaranthaceae
Dactyloctenium aegypticum	Kakkakalan pullu	Poaceae
Leucas aspera	Thumba	Lamiaceae
Mimosa pudica	Thottavadi	Mimosaceae
Mitracarpus villosus	Thaaval	Rubiaceae
Synedrella nodiflora	Mudianpacha	Asteraceae
Triumfetta rhomboidea	Ottukaichedi	Tiliaceae
Urena lobata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurunnel	Asteraceae

**10. Paruvakkat Sacred grove, Changanassery-Id. Chang-68**

Botanical Name	Local name	Family
<b>Trees</b>		
Acronychia pedunculata	Vidukanali	Rutaceae
Adenantha pavonina	Manchadi	Mimosaceae
Albizia chinensis	Peelivaka	Mimosaceae
Annona squamosa	Aattha	Annonaceae
Antidesma montanum	Putharaval	Euphorbiaceae
Artocarpus heterophyllus	Plavu	Moraceae
Artocarpus hirsutus	Ayini, Aanjili	Moraceae
Azadirachta indica	Veppu, Aryaveppu	Meliaceae
Bridelia retusa	Mulluvenga	Euphorbiaceae
Caryota urens	Choondappana, Olattippa	Arecaceae
Chrysophyllum oliviforme	Star apple	Sapotaceae
Cinnamomum malabatum	Vayana	Lauraceae
Garcinia gummi-gutta	Kodampuli, Pinar	Clusiaceae
Harpullia arborea	Puzhukkulli	Sapindaceae
Hopea parviflora	Kambakam	Dipterocarpaceae
Hydnocarpus pentandrus ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae

<i>Lannea coromandelica</i>	Udhi	Anacardiaceae
<i>Macaranga peltata</i>	Vatta	Euphorbiaceae
<i>Mangifera indica</i>	Mavu	Anacardiaceae
<i>Moringa oleifera</i>	Muringa	Moringaceae
<i>Neolamarckia cadamba</i> ( <i>Anthocephalus cadamba</i> )	Kadambu, Aattuthekku	Rubiaceae
<i>Polyalthia longifolia</i>	Aranamaram	Annonaceae
<i>Psidium gujava</i>	Pera	Myrtaceae
<i>Santalum album</i>	Chandanam	Santalaceae
<i>Schleichera oleosa</i>	Poovam	Sapindaceae
<i>Sterculia balanghas</i>	Thondi	Sterculiaceae
<i>Sterculia guttata</i>	Kavalam	Sterculiaceae
<i>Strebles asper</i>	Paruvamaram	Moraceae
<i>Strychnos nux-vomica</i>	Kanjiram	Loganiaceae
<i>Swietenia mahogani</i>	Mahagani	Meliaceae
<i>Tamarindus indica</i>	Puli, Valanpuli	Caesalpiniaceae
<b>Shrubs</b>		
<i>Alpinia galanga</i>	Chittaratha	Zingiberaceae
<i>Barleria cristata</i>	Kanakambaram	Acanthaceae
<i>Chassalia curviflora</i> var. <i>ophioxylodes</i>	Yamari	Rubiaceae
<i>Clerodendrum infortunatum</i>	Peruvelam	Verbenaceae
<i>Eupatorium odoratum</i>	Communistpatcha	Asteraceae
<i>Fluggea virosa</i>	Perimklavu	Euphorbiaceae
<i>Gardenia gummifera</i>	Digamalakayam	Rubiaceae
<i>Glycosmis pentaphylla</i>	Paanal	Rutaceae
<i>Helicteres isora</i>	Idampiri-valampiri	Sterculiaceae
<i>Hibiscus hispidissimus</i>	Panachan	Malvaceae
<i>Ixora malabarica</i>	Cherukuravu	Rubiaceae
<i>Leea indica</i>	Njellu, Maniparanda	Leeaceae
<i>Meiogyne pannosa</i>	Panthalmaram	Annonaceae
<i>Memecylon umbellatum</i>	Kashavu, Kayampoo	Melastomataceae

Mussaenda frondosa	Vellila	Rubiaceae
Sauropus androgynus	Velicheera	Euphorbiaceae
Solanum torvum	Chunda, Parachunda	Solanaceae
Stachytarpheta jamaicensis	Kadapananth	Verbenaceae
Tabernaemontana coronaria	Nandhiyarvattom	Apocynaceae
Thottea siliquosa	Alppam	Aristolochiaceae
Urena lobata	Uthiram	Malvaceae
<b>Climbers</b>		
Abrus pulchellus	Kaattumuthira	Fabaceae
Acacia pennata	Kakkincha	Mimosaceae
Alangium salviifolium subsp. hexapatalum	Valli-ankolam	Alangiaceae
Anamirta cocculus	Pollakkai	Menispermacee
Cayratia pedata	Chorivalli	Vitaceae
Centrosema molle	Kaattu-shangupushpam	Fabaceae
Cissus repens	Njarala	Vitaceae
Combretum ovalifolium		Combretaceae
Dioscorea tomentosa	Chavalikizhangu	Dioscoreaceae
Hibiscus hispidissimus	Panachan	Malvaceae
Ichnocarpus frutescens	Paarvalii	Apocynaceae
Mikania micrantha	Dhirastrapacha	Asteraceae
Piper nigrum	Kurumulaku	Piperaceae
Pothos scandens	Paruvakodi	Araceae
Smilax zeylanica	Kareelanchi	Smilacaceae
Stenochlaena palustris	Pannalvalli	Blechnaceae
Tiliacora acuminata	Vallikanjiram	Menispermacee
Tinospora cordifolia	Amruthu, Chittamruthu	Menispermacee
Uvaria narum	Naumpanal	Annonaceae
Ziziphus rugosa	Thodali	Rhamnaceae
<b>Herbs</b>		
Acalypha indica	Kuppameni	Euphorbiaceae
Achyranthes aspera	Kadaladi	Amaranthaceae

Aerva lanata	Cherula	Amaranthaceae
Ageratum conyzoides	Appa	Asteraceae
Biophytum reinwardtii	Mukkutti	Oxalidaceae
Spermaceoce latifolia	Vellatharavu	Rubiaceae
Cleome viscosa	Adunarivela	Capparidaceae
Costus speciosus	Channakkoova	Zingiberaceae
Croton hirtus		Euphorbiaceae
Cyathula prostrata	Cherukadaladi	Amaranthaceae
Cyrtococcum oxyphyllum		Poaceae
Cyrtococcum patens		Poaceae
Digitaria ciliaris		Poaceae
Eleutheranthera ruderalis		Asteraceae
Eragrostis viscosa		Poaceae
Hyptis suaveolens	Naattapoochedi	Lamiaceae
Lagenandra ovata	Andavazha	Araceae
Leucas aspera	Thumba	Lamiaceae
Micranthus oppositifolius		Acanthaceae
Mimosa pudica	Thottavadi	Mimosaceae
Mitracarpus villosus	Thaaval	Rubiaceae
Phyllanthus amarus	Keezharnelli	Euphorbiaceae
Oldenlandia auricularia	Erachiketti	Rubiaceae
Oplismenus compositus		Poaceae
Rivinia humilis	Rakthanelli	Phytolacaceae
Setaria palmifolia		Poaceae
Sida acuta	Malamkurunthotti	Malvaceae
Sida alnifolia	Kurumthotti	Malvaceae
Synedrella nodiflora	Mudianpacha	Asteraceae
Triumfetta rhomboidea	Ottukaichedi	Tiliaceae
Urena sinuata	Uthiram	Malvaceae
Urena lobata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurunnel	Asteraceae
Zingiber zerumbet	Malayinchi	Zingiberaceae

**11. Aiswarya Gandharva Kshethram Kavu, Plappra Changanassery Village Id.76**

Botanical Name	Local name	Family
<b>Trees</b>		
Adenanthera pavonina	Manchadi	Mimosaceae
Aglaiia lawii	Cheeralam, Karakil	Meliaceae
Ailanthus triphysa	Perumaram, Matti	Simaroubaceae
Alstonia scholaris	Ezhilampala	Apocynaceae
Neolamarckia cadamba	Kadambu	Rubiaceae
Antidesma montanum	Putharaval	Euphorbiaceae
Aporosa lindleyana	Vetti	Euphorbiaceae
Areca catachu	Adakka	Arecaceae
Artocarpus heterophyllus	Plavu	Moraceae
Artocarpus hirsutus	Ayini, Aanjili	Moraceae
Bambusa vulgaris	Manjamula	Poaceae
Caryota urens	Choondappana, Olattippana	Arecaceae
Cauropeta guineensis	Nagalingamaram	Lecythidaceae
Chrysophyllum oliviforme	Star apple	Sapotaceae
Cinnamomum malabatram	Vayana	Lauraceae
Ficus benghalensis	Peral	Moraceae
Ficus exasperata	Therakam	Moraceae
Ficus hispida	Parakam	Moraceae
Garcinia gummi-gutta	Kodampuli, Pinar	Clusiaceae
Gliricidia sepium	Seemakonna	Fabaceae
Holigarna arnottiana	Cheru, Charu	Anacardiaceae
Hopea parviflora	Kambakam	Dipterocarpaceae
Hydnocarpus pentandrus ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae
Lanea coromandelica	Udhi	Anacardiaceae
Macaranga peltata	Vatta	Euphorbiaceae
Madhuca neriifolia	Aatuilippa	Sapotaceae
Mangifera indica	Mavu	Anacardiaceae

Mimusops elengi	Elenji	Sapotaceae
Olea dioica	Idala	Oleaceae
Persea macrantha	Ooravu, Kulamavu	Lauraceae
Polyalthia longifolia	Aranamaram	Annonaceae
Saraca asoca	Ashokam	Caesalpiniaceae
Spondias indica	Kattambazham	Anacardiaceae
Streblus asper	Paruvamaram	Moraceae
Strychnos nux-vomica	Kanjiram	Loganiaceae
Tectona grandis	Thekku	Verbenaceae
Terminalia bellirica	Thaanni	Combretaceae
Terminalia catappa	Thallithenga, Adamaram	Combretaceae
Vateria indica	Vellappine	Dipterocarpaceae
Xanthophyllum arnottianum	Madakka	Xanthophyllaceae
<b>Shrubs</b>		
Alpinia galanga	Chittaratha	Zingiberaceae
Bauhinia tomentosa	Manjamandaram	Caesalpiniaceae
Canthium coromandelicum	Kattaramullu	Rubiaceae
Chassalia curviflora var. ophioxyloides	Yamari	Rubiaceae
Clerodendrum infortunatum	Peruvelam	Verbenaceae
Eupatorium odoratum	Communistpatcha	Asteraceae
Ficus heterophylla	Vallitherakam	Moraceae
Glycosmis pentaphylla	Paanal	Rutaceae
Hedychium coronarium	Saugandhikam	Zingiberaceae
Helicteres isora	Idampiri-valampiri	Sterculiaceae
Hibiscus hispidissimus	Panachan	Malvaceae
Ixora coccinea	Chuvannathetti, Thetchi	Rubiaceae
Leea indica	Njellu, Maniparanda	Leeaceae
Memecylon umbellatum	Kashavu, Kayampoo	Melastomataceae
Mussaenda frondosa	Vellila	Rubiaceae
Sauropus androgynus	Velicheera	Euphorbiaceae
Solanum torvum	Chunda, Parachunda	Solanaceae

Stachytarpheta jamaicensis	Kadapananth	Verbenaceae
Tabernaemontana coronaria	Nandhiyarvattom	Apocynaceae
Thottea siliquosa	Alppam	Aristolochiaceae
Urena lobata	Uthiram	Malvaceae
<b>Climbers</b>		
Abrus pulchellus	Kaattumuthira	Fabaceae
Anamirta cocculus	Pollakkai	Menispermaceae
Centrosema molle	Kattu-shankupushpam	Fabaceae
Cissus repens	Njarala	Vitaceae
Derris eualata	IpcnĀ	Fabaceae
Dioscorea bulbifera	Kezhakka kachil	Dioscoreaceae
Dioscorea tomentosa	Chavalikizhangu	Dioscoreaceae
Hibiscus hispidissimus	Panachan	Malvaceae
Ichnocarpus frutescens	Paarvalii	Apocynaceae
Ipomoea mauritiana	Palmuthakku	Convolvulaceae
Merremia umbellata	Koravalli	Convolvulaceae
Mikania micrantha	Dhristrapacha	Asteraceae
Mukia maderaspatana	Mukkapeeram	Cucurbitaceae
Piper nigrum	Kurumulaku	Piperaceae
Pothos scandens	Paruvakodi	Araceae
Quisqualis malabarica	Sandhyarani	Combretaceae
Stenochlaena palustris	Pannalvalli	Blechnaceae
Tiliacora acuminata	Vallikanjiram	Menispermaceae
Tinospora cordifolia	Amruthu, Chittamruthu	Menispermaceae
Uvaria narum	Naumpanal	Annonaceae
Ziziphus oenoplea	Cheruthodali	Rhamnaceae
<b>Herbs</b>		
Acalypha indica	Kuppameni	Euphorbiaceae
Achyranthes aspera	Kadaladi	Amaranthaceae
Aerva lanata	Cherula	Amaranthaceae
Ageratum conyzoides	Aappa	Asteraceae
Biophytum reinwardtii	Mukkutti	Oxalidaceae

Spermacoce latifolia	Vellatharavu	Rubiaceae
Cleome viscosa	Adunarivela	Capparidaceae
Clerodendrum infortunatum	Peruvelam	Verbenaceae
Costus speciosus	Channakkoova	Zingiberaceae
Cyathula prostrata	Cherukadaladi	Amaranthaceae
Cyrtococcum oxyphyllum	പ്ലാവ്	Poaceae
Dactyloctenium aegypticum	Kakkakalan pullu	Poaceae
Digitaria ciliaris	പ്ലാവ്	Poaceae
Eleutheranthera ruderalis		Asteraceae
Hyptis suaveolens	Naattapoochedi	Lamiaceae
Leucas aspera	Thumba	Lamiaceae
Micranthus oppositifolius		Acanthaceae
Mimosa pudica	Thottavadi	Mimosaceae
Mitracarpus villosus	Thaaval	Rubiaceae
Phyllanthus amarus	Keezharnelli	Euphorbiaceae
Oldenlandia auricularia	Erachiketti	Rubiaceae
Oplismenus compositus	പ്ലാവ്	Poaceae
Sida acuta	Malamkurunthotti	Malvaceae
Synedrella nodiflora	Mudianpacha	Asteraceae
Triumfetta rhomboidea	Ottukaichedi	Tiliaceae
Urena sinuata	Uthiram	Malvaceae
Urena lobata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurunnel	Asteraceae
Zingiber zerumbet	Malayinchi	Zingiberaceae

**12. Manimalakkavu Devikshethram, Id.Kply-6**

**Chirakkadavu Village- Kanjirappally**

1. 9° 29' 25" N

76° 44' 36" E

Botanical Name	Local name	Family
<b>Trees</b>		
Adenanthera pavonina	Manchadi	Mimosaceae

<i>Aglaia lawii</i>	Cheeralam, Karakil	Meliaceae
<i>Antiaris toxicaria</i>	Maravuri	Moraceae
<i>Antidesma montanum</i>	Putharaval	Euphorbiaceae
<i>Aporosa lindleyana</i>	Vetti	Euphorbiaceae
<i>Artocarpus hirsutus</i>	Ayini, Aanjili	Moraceae
<i>Caryota urens</i>	Choondappana, Olattippana	Arecaceae
<i>Bridelia retusa</i>	Mulluvenga	Euphorbiaceae
<i>Ficus religiosa</i>	Arayal	Moraceae
<i>Chionanthus mala-elenji</i>	Malaelenji	Oleaceae
<i>Cycas circinalis</i>	Eenth	Cycadaceae,
<i>Ficus exasperata</i>	Parakam	Moraceae
<i>Holoptelia integrifolia</i>	Aaval	Ulmaceae
<i>Hydnocarpus pentandrus</i> ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae
<i>Lannea coromandelica</i>	Udhi	Anacardiaceae
<i>Lepisanthes tetraphylla</i>	Kulapunna	Sapindaceae
<i>Lophopetalum wightianum</i>	Venkotta	Celastraceae
<i>Mallotus philippinensis</i>	Kurangumanjal	Euphorbiaceae
<i>Mimusops elengi</i>	Elenji	Sapotaeae
<i>Persea macrantha</i>	Ooravu, Kulamavu	Lauraceae
<i>Pterygota alata</i>	Anathondi	Sterculiaceae
<i>Scolopia crenulata</i>	Mullukara	Flacourtiaceae
<i>Sterculia guttata</i>	Kavalam	Sterculiaceae
<i>Strombosia ceylanica</i>	Kalmanikkam	Olacaceae
<i>Syzygium zeylanicum</i>	Njaval	Myrtaceae
<i>Swietenia mahogani</i>	Mahagani	Meliaceae
<i>Terminalia bellirica</i>	Thaanni	Combretaceae
<i>Vateria indica</i>	Vellappine	Dipterocarpaceae
<i>Xanthophyllum arnottianum</i>	Madakka	Xanthophyllaceae
<b>Shrubs</b>		
<i>Acalypha paniculata</i>	Valia-kuppameni	Euphorbiaceae
<i>Antidesma acidum</i>	Arippazhachedi	Euphorbiaceae

Boehmeria macrophylla		Urticaceae
Canthium rheedei	Kattaramullu	Rubiaceae
Chassalia curviflora var. ophioxylodes	Yamari	Rubiaceae
Clerodendrum infortunatum	Peruvelam	Verbenaceae
Clerodendrum paniculatum	Arumasachedi, Krishnakireedam	Verbenaceae
Glycosmis pentaphylla	Paanal	Rutaceae
Leea indica	Njellu, Maniparanda	Leeaceae
Meiogyne pannosa	Panthalmaram	Annonaceae
Memecylon umbellatum	Kashavu, Kayampoo	Melastomataceae
Mussaenda frondosa	Vellila	Rubiaceae
Thottea siliquosa	Alppam	Aristolochiaceae
<b>Climbers</b>		
Acacia pennata	Kakkincha	Mimosaceae
Alangium salviifolium subsp. hexapatalum	Valli-ankolam	Alangiaceae
Anamirta cocculus	Pollakkai	Menispermaceae
Artabotrys zeylanica	Manoranjini	Annonaceae
Asparagus racemosus	Sathavari	Liliaceae
Centrosema molle	Kaattu-shangupushpam	Fabaceae
Chonemorpha macrophylla	Perumkurumba	Apocynaceae
Combretum albidum		Combretaceae
Cosmostigma racemosum	Vattuvalli	Asclepiadaceae
Argyria hirsuta	Pathvan	Convolvulaceae
Celastrus paniculatus	Cherupunnayari	Celastraceae
Cyclea peltata	Padakizhangu	Menispermaceae
Derris scandens	Poonjali, Ponnamvalli	Fabaceae
Dioscorea bulbifera	Kezhakka kachil	Dioscoreaceae
Dioscorea tomentosa	Chavali	Dioscoreaceae
Elaeagnus conferta	Kattu-munnthiringa	Elaeagnaceae

<i>Erycibe paniculata</i>	Erumathali	Convolvulaceae
<i>Ichnocarpus frutescens</i>	Paarvalii	Apocynaceae
<i>Mukia maderaspatana</i>	Mukkapeeram	Cucurbitaceae
<i>Merremia umbellata</i>	Koravalli	Convolvulaceae
<i>Merremia vitiifolia</i>	Manjavayara	Convolvulaceae
<i>Myxopyrum smilacifolium</i>	Chathuramulla	Oleaceae
<i>Parsonsia inodora</i>	Penalivalli	Apocynaceae
<i>Piper longum</i>	Thippali	Piperaceae
<i>Pothos scandens</i>	Paruvakodi	Araceae
<i>Raphidophora pertusa</i>	Elathadi	Araceae
<i>Salacia fruticosa</i>	Ekanayakam	Hippocratiaceae
<i>Sarcostigma kleinii</i>	Vellodal	Icacinaceae
<i>Smilax zeylanica</i>	Kareelanchi	Smilacaceae
<i>Strychnos minor</i>	Vallikanjiram	loganiaceae
<i>Tetracera akara</i>	Nakkuvalli, Kottavalli	Dilleniaceae
<i>Tinospora cordifolia</i>	Amruthu, Chittamruthu	Menispermaceae
<i>Ziziphus oenoplea</i>	Cheruthodali	Rhamnaceae
<b>Herbs</b>		
<i>Ageratum conyzoides</i>	Appa	Asteraceae
<i>Asystasia gangetica</i>		Acanthaceae
<i>Biophytum reinwardtii</i>	Mukkutti	Oxalidaceae
<i>Cleome viscosa</i>	Adunarivela	Capparidaceae
<i>Colocasia esculenta</i>	Chembu	Araceae
<i>Corchorus aestuans</i>		Tiliaceae
<i>Costus speciosus</i>	Channakkoova	Zingiberaceae
<i>Cyathula prostrata</i>	Cherukadaladi	Amaranthaceae
<i>Cyrtococcum patens</i>		Poaceae
<i>Leucas aspera</i>	Thumba	Lamiaceae
<i>Micranthus oppositifolius</i>		Acanthaceae
<i>Oldenlandia auricularia</i>	Erachiketti	Rubiaceae
<i>Oplismenus compositus</i>		Poaceae
<i>Peperomia pellucida</i>	Kannadippacha	Piperaceae

Phyllanthus urinaria	Chuvanna keezharnelli	Euphorbiaceae
Spermaceoce latifolia	Vellatharavu	Rubiaceae
Synedrella nodiflora	Mudianpacha	Asteraceae
Triumfetta rhomboidea	Ottukaichedi	Tiliaceae
Urena lobata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurunnel	Asteraceae
Zingiber zerumbet	Malayinchi	Zingiberaceae

**13. Kallaravayalil Kudumba Kavu, Chirakkadavu, Village- Kanjirappally-  
Id.Knpy-8**

**9<sup>0</sup> 32' 54'' N**

**76<sup>0</sup> 45' 49'' E**

<b>Botanical Name</b>	<b>Local name</b>	<b>Family</b>
<b>Trees</b>		
Adenantha pavonina	Manchadi	Mimosaceae
Antiaris toxicaria	Maravuri	Moraceae
Antidesma montanum	Putharaval	Euphorbiaceae
Aporosa lindleyana	Vetti	Euphorbiaceae
Areca catachu	Adakka	Arecaceae
Artocarpus hirsutus	Ayini, Aanjili	Moraceae
Carallia brachiata	Vallabham	Rhizophoraceae
Careya arborea	Pezhu	Lecythidaceae
Caryota urens	Choondappana, Olattippana	Arecaceae
Cinnamomum malabatram	Vayana	Lauraceae
Cycas circinalis	Eenth	Cycadaceae
Holigarna arnottiana	Cheru, Charu	Anacardiaceae
Homalium ceylanicum	Manthalamukhi	Flacourtiaceae
Hopea parviflora	Kambakam	Dipterocarpaceae
Hydnocarpus pentandrus ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae
Lannaea coromandelica	Udhi	Anacardiaceae
Lophopetalum wightianum	Venkotta	Celastraceae
Macaranga peltata	Mavu	Euphorbiaceae

<i>Olea dioica</i>	Idala	Oleaceae
<i>Persea macrantha</i>	Ooravu, Kulamavu	Lauraceae
<i>Strombosia ceylanica</i>	Kalmanikkam	Olacaceae
<i>Tabernaemontana heyneana</i>	Kundalappala	Apocynaceae
<i>Tectonia grandis</i>	Thekku	Verbenaceae
<i>Terminalia paniculata</i>	Maruthi, Manjamauthi	Combretaceae
<i>Xanthophyllum arnottianum</i>	Madakka	Xanthophyllaceae
<b>Shrubs</b>		
<i>Antidesma acidum</i>	Aripazhachedi	Euphorbiaceae
<i>Chassalia curviflora</i> var. <i>ophioxyloides</i>	Yamari	Rubiaceae
<i>Clerodendrum infortunatum</i>	Peruvelam	Verbenaceae
<i>Clidemia hirta</i>		Melastomataceae
<i>Hibiscus hispidissimus</i>	Panachan	Malvaceae
<i>Meiogyne pannosa</i>	Panthalmaram	Annonaceae
<i>Memecylon umbellatum</i>	Kashavu, Kayampoo	Melastomataceae
<i>Mussaenda frondosa</i>	Vellila	Rubiaceae
<i>Pavatta indica</i>	Pavetta	Rubiaceae
<i>Sauropus androgynus</i>	Velicheera	Euphorbiaceae
<b>Climbers</b>		
<i>Abrus pulchellus</i>	Kaattumuthira	Fabaceae
<i>Artabotrys zeylanicus</i>	Manoranjini	Annonaceae
<i>Centrosema molle</i>	Kaattu-shangupushpam	Fabaceae
<i>Cissus repens</i>	Njarala	Vitaceae
<i>Chonemorpha macrophylla</i>	Perumkurumba	Apocynaceae
<i>Cyclea peltata</i>	Padakizhangu	Menispermaceae
<i>Dioscorea bulbifera</i>	Kezhakka kachil	Dioscoreaceae
<i>Erycibe paniculata</i>	Erumathali	Convolvulaceae
<i>Jasminum rottlerianum</i>	Kaattumulla	Oleaceae
<i>Merremia umbellata</i>	Koravalli	Convolvulaceae
<i>Pothos scandens</i>	Paruvakodi	Araceae
<i>Sarcostigma kleinii</i>	Vellodal	Icacinaceae

Smilax zeylanica	Kareelanchi	Smilacaceae
Tetracera akara	Nakkuvalli, Kottavalli	Dilleniaceae
Ventilago bombaensis	Vembadavalli	Rhamnaceae
<b>Herbs</b>		
Andrographis paniculata	Kiriyath	Acanthaceae
Asystasia gangetica		Acanthaceae
Biophytum reinwardtii	Mukkutti	Oxalidaceae
Costus speciosus	Channakkoova	Zingiberaceae
Cyathula prostrata	Cherukadaladi	Amaranthaceae
Elephantopus scaber	Anachuvadi	Asteraceae
Geophila repens	Karimuthil	Rubiaceae
Phyllanthus urinaria	Chuvanna keezharnelli	Euphorbiaceae
Spermacoce latifolia	Vellatharavu	Rubiaceae
Urena lobata	Uthiram	Malvaceae

**14. Thiruvappallil Kudumba Kavu, Cheruvallil, Kanjirapally-Id-9**

9° 32' 50" N

76° 46' 03" E

Botanical Name	Local name	Family
<b>Trees</b>		
Areca catachu	Adakka	Arecaceae
Artocarpus hirsutus	Ayini, Aanjili	Moraceae
Carallia brachiata	Vallabham	Rhizophoraceae
Caryota urens	Choondappana, Olattippana	Arecaceae
Cinnamomum malabatram	Vayana	Lauraceae
Cycas circinnalis	Eenth	Cycadaceae
Dysoxylum malabaricum	Vellakil	Meliaceae
Hevea braziliensis	Rubber	Euphorbiaceae
Holigarna arnottiana	Cheru, Charu	Anacardiaceae
Hopea parviflora	Kambakam	Dipterocarpaceae
Macaranga peltata	Mavu	Euphorbiaceae
Olea dioica	Idala	Oleaceae

<i>Sterculia guttata</i>	Kavalam	Sterculiaceae
<i>Strombosia ceylanica</i>	Kalmanikkam	Olacaceae
<i>Swietenia mahogani</i>	Mahagani	Meliaceae
<i>Tabernaemontana heyneana</i>	Kundalappala	Apocynaceae
<i>Xanthophyllum arnottianum</i>	Madakka	Xanthophyllaceae
<b>Shrubs</b>		
<i>Canthium angustifolium</i>	Kattaramullu	Rubiaceae
<i>Chassalia curviflora</i> var. <i>ophioxyloides</i>	Yamari	Rubiaceae
<i>Clerodendrum infortunatum</i>	Peruvelam	Verbenaceae
<i>Clidemia hirta</i>		Melastomataceae
<i>Glycosmis pentaphylla</i>	Paanal	Rutaceae
<i>Memecylon umbellatum</i>	Kashavu, Kayampoo	Melastomataceae
<i>Murraya koenigii</i>	Kariveppu	Rutaceae
<i>Solanum torvum</i>	Chunda, Parachunda	Solanaceae
<i>Strobilanthes ciliatus</i>	Karimkuringi	Acanthaceae
<b>Climbers</b>		
<i>Abrus pulchellus</i>	Kaattumuthira	Fabaceae
<i>Acacia pennata</i>	Kakkincha	Mimosaceae
<i>Anamirta cocculus</i>	Pollakkai	Menispermaceae
<i>Argyreia nervosa</i>	Samudrappacha	Liliaceae
<i>Centrosema molle</i>	Kaattu-shangupushpam	Fabaceae
<i>Chonemorpha macrophylla</i>	Perumkurumba	Apocynaceae
<i>Cissus repens</i>	Njarala	Vitaceae
<i>Jasminum pubescens</i>	Kaattumulla	Oleaceae
<i>Jasminum rottlerianum</i>	Kaattumulla	Oleaceae
<i>Piper longum</i>	Thippali	Piperaceae
<i>Piper nigrum</i>	Kurumulaku	Piperaceae
<i>Pothos scandens</i>	Paruvakodi	Araceae
<i>Sarcostigma klenii</i>	Vellodal	Olacaceae
<b>Herbs</b>		
<i>Achyranthes aspera</i>	Kadaladi	Amaranthaceae

Andrographis paniculata	Kiriyath	Acanthaceae
Asystasia gangetica		Acanthaceae
Elephantopus scaber	Anachuvadi	Asteraceae
Biophytum reinwardtii	Mukkutti	Oxalidaceae
Spermacoce latifolia	Vellatharavu	Rubiaceae
Costus speciosus	Channakkoova	Zingiberaceae
Curcuma neilgherrensis	Kaattumanjal	Zingiberaceae
Cyathula prostrata	Cherukadaladi	Amaranthaceae
Cyrtococcum patens		Poaceae
Dictyospermum montanum	Kakkakalanpullu	Commelinaceae
Geophila repens	Karimuthil	Rubiaceae
Phyllanthus urinaria	Chuvanna keezharnelli	Euphorbiaceae
Oldenlandia auricularia	Erachiketti	Rubiaceae
Oplismenus compositus		Poaceae
Peperomia pellucida	Kannadippacha	Piperaceae

**15. Nagaraja Kshethram Kavu, Nelloor, Chirakkadavu village- Kanjirappally-Id.**

**Knpv-14**

**9<sup>o</sup> 32' 11'' N**

**76<sup>o</sup> 46' 2'' E**

<b>Botanical Name</b>	<b>Local name</b>	<b>Family</b>
<b>Trees</b>		
Antiaris toxicaria	Maravuri	Moraceae
Antidesma montanum	Putharaval	Euphorbiaceae
Aphanamixis polystachya	Chemmaram	Meliaceae
Aporosa lindleyana	Vetti	Euphorbiaceae
Artocarpus hirsutus	Ayini, Aanjili	Moraceae
Caryota urens	Choondappana, Olattippana	Arecaceae
Cinnamomum malabathram	Vayana	Lauraceae
Cycas circinalis	Eenth	Cycadaceae,
Dysoxylum malabaricum	Vellakil	Meliaceae
Ficus exasperata	Therakam	Moraceae

<i>Ficus hispida</i>	Parakam	Moraceae
<i>Litsea laevigata</i>	Pannithali	Lauraceae
<i>Sterculia guttata</i>	Kavalam	Sterculiaceae
<i>Tabernaemontana heyneana</i>	Kundalappala	Apocynaceae
<i>Swietenia mahogani</i>	Mahagani	Meliaceae
<i>Xanthophyllum arnottianum</i>	Madakka	Xanthophyllaceae
<b>Shrubs</b>		
<i>Adhatoda vasica</i>	Adalodakam	Acanthaceae
<i>Amomum pterocarpum</i>	Kattelam	Zingiberaceae
<i>Canthium coromandelicum</i>	Kattaramullu	Rubiaceae
<i>Chassalia curviflora</i> var. <i>ophioxyloides</i>	Yamari	Rubiaceae
<i>Clerodendrum infortunatum</i>	Peruvelam	Verbenaceae
<i>Clidemia hirta</i>		Melastomataceae
<i>Dracaena terniflora</i>	Manjakkantha	Agavaceae
<i>Glycosmis pentaphylla</i>	Paanal	Rutaceae
<i>Leea indica</i>	Njellu, Maniparanda	Leeaceae
<i>Meiogyne pannosa</i>	Panthalmaram	Annonaceae
<i>Memecylon umbellatum</i>	Kashavu, Kayampoo	Melastomataceae
<i>Mussaenda frondosa</i>	Vellila	Rubiaceae
<i>Ochlandra travancorica</i>	Eetta, Eera	Poaceae
<i>Pavatta indica</i>	Pavetta	Rubiaceae
<i>Sauropus androgynus</i>	Velicheera	Euphorbiaceae
<i>Solanum torvum</i>	Chunda, Parachunda	Solanaceae
<i>Stachytarpheta jamaicensis</i>	Kadapananth	Verbenaceae
<i>Thottea siliquosa</i>	Alppam	Aristolochiaceae
<b>Climbers</b>		
<i>Abrus pulchellus</i>	Kaattumuthira	Fabaceae
<i>Acacia pennata</i>	Kakkincha	Mimosaceae
<i>Alangium salviifolium</i> subsp. <i>hexapatalum</i>	Valli-ankolam	Alangiaceae

<i>Calycopteris floribunda</i>	Pullani	Combretaceae
<i>Celastrus paniculatus</i>	Cherupunnayari	Celastraceae
<i>Centrosema molle</i>	Kaattu-shangupushpam	Fabaceae
<i>Chonemorpha macrophylla</i>	Perumkurumba	Apocynaceae
<i>Cissus glyptocarpa</i>		Vitaceae
<i>Cissus repens</i>	Njarala	Vitaceae
<i>Combretum albidum</i>	shÅs;mSn	Combretaceae
<i>Cyclea peltata</i>	Padakizhangu	Menispermaceae
<i>Derris eualata</i>		Fabaceae
<i>Dioscorea bulbifera</i>	Kezhakka kachil	Dioscoreaceae
<i>Ichnocarpus frutescens</i>	Paarvalii	Apocynaceae
<i>Jasminum rottlerianum</i>	Kaattumulla	Oleaceae
<i>Merremia umbellata</i>	Koravalli	Convolvulaceae
<i>Mikania micrantha</i>	Dhirastrapacha	Asteraceae
<i>Mukia maderaspatana</i>	Mukkapeeram	Cucurbitaceae
<i>Myxopyrum smilacifolium</i>	Chathuramulla	Oleaceae
<i>Piper longum</i>	Thippali	Piperaceae
<i>Piper nigrum</i>	Kurumulaku	Piperaceae
<i>Pothos scandens</i>	Paruvakodi	Araceae
<i>Sarcostigma kleinii</i>	Vellodal	Icacinaceae
<i>Smilax zeylanica</i>	Kareelanchi	Smilacaceae
<i>Ventilago bombaensis</i>	Vembadavalli	Rhamnaceae
<i>Zingiber zerumbet</i>	Malayinchi	Zingiberaceae
<b>Herbs</b>		
<i>Andrographis paniculata</i>	Kiriyath	Acanthaceae
<i>Asystasia gangetica</i>		Acanthaceae
<i>Biophytum reinwardtii</i>	Mukkutti	Oxalidaceae
<i>Costus speciosus</i>	Channakkoova	Zingiberaceae
<i>Cyathula prostrata</i>	Cherukadaladi	Amaranthaceae
<i>Cyrtococcum patens</i>		Poaceae
<i>Geophila repens</i>	Karimuthil	Rubiaceae
<i>Ixora johnsonii</i>		Rubiaceae

Leucas aspera	Thumba	Lamiaceae
Oldenlandia auricularia		Rubiaceae
Ophiorrhiza mungos	Avilpori	Rubiaceae
Oplismenus compositus		Poaceae
Spermacoce latifolia	Vellatharavu	Rubiaceae
Urena lobata	Uthiram	Malvaceae
Vernonia cinerea	Poovamkurunnel	Asteraceae

**16. Dussassanan Kavu, Manimalakkunnu, Chirakkadavu, Village- Kanjirappally.**

**Id.Knpy-17**

**9° 33' 6" N**

**76° 44' 55" E**

<b>Botanical Name</b>	<b>Local name</b>	<b>Family</b>
<b>Trees</b>		
Adenantha pavonina	Manchadi	Mimosaceae
Antidesma montanum	Putharaval	Euphorbiaceae
Aporosa lindleyana	Vetti	Euphorbiaceae
Artocarpus heterophyllus	Plavu	Moraceae
Artocarpus hirsutus	Ayini, Aanjili	Moraceae
Caryota urens	Choondappana, Olattippa	Arecaceae
Cinnamomum malabathram	Karuva	Lauraceae
Hevea brasiliensis	Rubber	Euphorbiaceae
Hydnocarpus pentandrus ( <i>Hydnocarpus laurifolius</i> )	Marotti	Flacourtiaceae
Olea dioica	Idala	Oleaceae
Swietenia mahogani	Mahagani	Meliaceae
Tabernaemontana heyneana	Kundalappala	Apocynaceae
Terminalia bellirica	Thaanni	Combretaceae
Xanthophyllum arnottianum	Madakka	Xanthophyllaceae
<b>Shrubs</b>		
Antidesma acidum	Aripahazachedi	Euphorbiaceae
Canthium angustifolium	Kattaramullu	Rubiaceae

Chassalia curviflora var. ophioxylodes	Yamari	Rubiaceae
Clerodendrum infortunatum	Peruvelam	Verbenaceae
Clidemia hirta		Melastomataceae
Glycosmis pentaphylla	Paanal	Rutaceae
Hibiscus rosa-sinensis	Chemparathi	Malvaceae
Meiogyne pannosa		Annonaceae
Sauropus androgynus	Velicheera	Euphorbiaceae
Solanum torvum	Chunda, Parachunda	Solanaceae
Stachytarpheta jamaicensis	Kadapananth	Verbenaceae
<b>Climbers</b>		
Acacia pennata	Kakkincha	
Anamirta cocculus	Pollakkai	Menispermaceae
Asparagus racemosus	Sathavari	Liliaceae
Calycopteris floribunda	Pullani	Combretaceae
Centrosema molle	Kattu-shankupushpam	Fabaceae
Abrus pulchellus	Kaattumuthira	Fabaceae
Chonemorpha macrophylla	Perumkurumba	Apocynaceae
Derris eualata	IpcnbÂ	Fabaceae
Dioscorea bulbifera	Kezhakka kachil	Dioscoreaceae
Gnetum ula	Karuthodal	Gnetaceae
Hibiscus hispidissimus	Panachan	Malvaceae
Hiptage benghalensis	Madhavilatha	Malpighiaceae
Ichnocarpus frutescens	Paarvalii	Apocynaceae
Jasminum rottlerianum	Kattumulla	Oleaceae
Jasminum pubescens	Kaattumulla	Oleaceae
Mukia maderaspatana	Mukkapeeram	Cucurbitaceae
Merremia umbellata	Koravalli	Convolvulaceae
Piper nigrum	Kurumulaku	Piperaceae
Piper argyrophyllum	Kaattukurumulaku	Piperaceae
Pothos scandens	Paruvakodi	Araceae
Sarcostigma klenii	Vellodal	Olacaceae

Smilax ceylanica	Kareelanchi	Smilacaceae
Spatholobus purpureus	AS <sup>1</sup> / <sub>4</sub> phÅn	Fabaceae
Tetrastigma muricatum		Vitaceae
Ziziphus rugosa	Thodali	Rhamnaceae

<b>Herbs</b>	<b>Local name</b>	<b>Family</b>
Achyranthes aspera	Kadaladi	Amaranthaceae
Ageratum conyzoides	Appa	Asteraceae
Andrographis paniculata	Kiriyath	Acanthaceae
Asystasia gangetica		Acanthaceae
Axonopus compressus		Poaceae
Biophytum reinwardtii	Mukkutti	Oxalidaceae
Costus speciosus	Channakkoova	Zingiberaceae
Cyathula prostrata	Cherukadaladi	Amaranthaceae
Cyrtococcum patens	IpÅv	Poaceae
Geophila repens	Karimuthil	Rubiaceae
Hyptis suaveolens	Naattapoochedi	Lamiaceae
Leucas aspera	Thumba	Lamiaceae
Mimosa pudica	Thottavadi	Mimosaceae
Oldenlandia auricularia	Erachiketti	Rubiaceae
Oplismenus compositus		Poaceae
Peperonia pellucida	Kannadippacha	Piperaceae
Phyllanthus urinaria	Chuvanna keezharnelli	Euphorbiaceae
Spermacoe latifolia	Vellatharavu	Rubiaceae

## CHAPTER VI

### PLANT FREQUENCY

Species distribution in the sacred groves.

Among the \*sacred groves (SGs) of the district, one time enumeration was carried out in 16 SGs based on the extant of area, vegetation type and location in the four taluks viz. Vaikom, Meenachil, Changanachery, Kanjirapally. Among the 335 species enumerated, 133 are trees, 80 climbers, 53 shrubs and 69 herbs. With regards to the frequency of occurrence, *Artocarpus hirsutus*, *Centrosema molle*, *Chassalia curviflora* var. *ophioxyloides* and *Pothos scandens* were found in all the SGs studied. As many as 115 species are occurring in one SG; 48 species in two SGs; 34 species in three SGs and 25 species in four SGs. The frequency of occurrence of species in different sacred groves is provided in table 1-16 and figure 1.

#### ABBREVIATIONS—

1. K.K-----	Kizhakechira kavu-	Vaikom-No.	25
2. C K.-----	Chelakkapally kavu-	do-	28
3. N M-----	Nagampuzhi mana .	do	30
4. C.T-----	Chethiyil kavu	do	35
5. A. V -----	Aattuvaipin kau	do	37
6. K R -----	Kurinji kavu	Meenachil-no-	21
7. E K -----	Eesanathu kavu-	Changanassery-No.	40
8. D K -----	Devalokam Kailasom-	do	54
9. V M -----	Vazhapally Mahadeva	do	59
10. P K -----	Paruvakkat	do	69
11. A G ----	Aiswarya Gandharva.	do	46
12. M D ---	Manimalakavu Devi	Kanjirapally No.	6
13. K V ----	Kallaravayalil-	do	8
14. T K ---	Thiruvapallil Kudumbam	do	9
15. NG ----	Nagaraja	do	14
16. D S ----	Dussasana kavu	do	17

The total number of sacred groves in Kottayam-562

Analysis of species distribution shows that as many as 27 species enumerated from Kurinji Kavu have not been recorded from other SGs. Manimalakavu has 18 species unique to it; Nagampuzhi mana kavu has 13 ; Nagaraja kshethram kavu has 7 species.

Table 1. Species occurring in 1 sacred grove

SPECIES	KAVU
<i>Cissus glyptocarpa</i>	NK
<i>Acalypha paniculata</i>	MD
<i>Adhatoda vasica</i>	NK
<i>Aeschynomene aspera</i>	DK
<i>Aglaia barberi</i>	KR
<i>Albizia lebbeck</i>	KR
<i>Albizia odoratissima</i>	NM
<i>Amomum pterocarpum</i>	NK
<i>Ampelocissus indica</i>	KK
<i>Anacardium occidentale</i>	KK
<i>Annona glabra</i>	NM
<i>Annona reticulata</i>	KR
<i>Aphanamixis polystachya</i>	NK
<i>Argyria hirsuta</i>	MD
<i>Argyreia nervosa</i>	TK
<i>Barringtonia racemosa</i>	EK
<i>Bauhinia tomentosa</i>	AG
<i>Bischoffia javanica</i>	KK
<i>Boehmeria macrophylla</i>	MD
<i>Butea monosperma</i>	KK
<i>Caesalpinia bonduc</i>	KR
<i>Calamus pseudotenuis</i>	KR
<i>Calophyllum inophyllum</i>	AV
<i>Cananga odorata</i>	KR
<i>Canthium rheedei</i>	MD

Careya arborea	KV
Carica papaya	NM
Cassia tora	DK
Cauiropeta guineensis	AG
Cerebra odollam	AV
Cheirostylis flabllata	NM
Chionanthus mala-elenji	MD
Clerodendrum paniculatum	MD
Coffea arabica	KR
Colocasia esculenta	MD
Combretum albidum	MD
Corchorus aestuans	MD
Cosmostigma racemosum	MD
Crataeva magna	NM
Croton caudatus	KR
Curcuma neilgherrensis	TK
Dalbergia horrida	EK
Derris trifoliata	KK
Dichapetalum gelonioides	KR
Dictyospermum montanum	TK
Dimocarpus longan	KR
Diospyros bourdillonii	KR
Diospyros buxifolia	CK
Diospyros malabarica	NM
Dracaena terniflora	NK
Drypetes elata	NM
Elaeagnus conferta	MD
Evodia lunu-ankenda	CT
Evolvulus numularis	EK
Fagraea ceilanica	NM
Ficus auriculata	KR

Fluggea virosa	PK
Glochidion zeylanicum	CT
Gmelina arborea	KR
Gnetum ula	DS
Goniothalamus wynaadensis	KR
Gouania microcarpa	KR
Harpullia arborea	PK
Holoptelia integrifolia	MD
Homalium ceylanicum	KV
Hyptis capitata	KK
Ixora johnsonii	NK
Jasminum flexile	CK
Lagerstroemia speciosa	KR
Lepisanthes tetraphylla	MD
Lindernia rotundifolia	NM
Ludwigia parviflora	EK
Maesa indica	NM
Mallotus philippinensis	MD
Melicope lunu-ankenda	CK
Melochia corchorifolia	EK
Merremia vitiifolia	MD
Mesua ferrea	KR
Michelia champaca	KR
Millettia rubiginosa	KR
Moringa oleifera	PK
Murraya koenigii	TK
Nelumbo nucifera	NM
Nyctanthus arbor-tristis	KR
Ophiorrhiza mungos	NK
Osbeckia aspera	AV
Pancratium triflorum	NM

Pandanus odorifer	CT
Parsonsia inodora	MD
Peltophorum pterocarpum	KR
Phyllanthus emblica	VM
Pilea melastomoides	DK
Piper argyrophyllum	DS
Pistia stratiotus	NM
Pterocarpus marsupium	VM
Pterospermum reticulatum	KR
Raphidophora pertusa	MD
Santalum album	PK
Solanum virginianum	KR
Spatholobus purpureus	DS
Spondias indica	AG
Strobilanthes ciliatus	TK
Symplocos racemosa	KR
Syzygium cumini	KR
Syzygium zeylanicum	MD
Tecoma stans	DK
Tephrosia pumila	DK
Terminalia paniculata	KV
Tetrastigma muricatum	DS
Thespesia populnea	AV
Toddalia asiatica	KR
Tragia involucrata	KR
Trema orientalis	EK
Vernonia elliptica	AV
Wattakakka volubilis	AV

Table 2. Species occurring in 2 sacred groves.

Acacia mangium	EK,DK
Acampe premorsa	NM,KR
Aglaia lawii	AG,MD
Albizia saman(Samanea saman)	NM,KR
Annona squamosa	VM,PK
Artabotrys zeylanica	MD,KV
Barleria cristata	KR,PK
Bidens pilosa	NM,CT
Bougainvillea spectabilis	NM,AV
Butea frondosa	KR,VM
Calamus travancoricus	NM,KR
Calophyllum calaba	NM,AV
Canthium angustifolium	TK,DS
Celastrus paniculatus	MD,NK
Clerodendrum viscosum	KK,NM
Cynodon dactylon	EK,DK
Derris brevipes	CK,CT
Derris scandens	KK,MD
Elephantopus scaber	KV,TK
Ficus benghalensis	KR,AG
Ficus callosa	NM,KR
Ficus heterophylla	NM,AG
Gardenia gummifera	CK,PK
Gloriosa superba	NM,KR
Grewia paniculata	EK,DK
Hewittia malabarica	NM,VM
Jasminum pubescens	TK,DS
Limnophila racemosa	NM,EK
Morinda umbellata	NM,AV
Nothopegia racemosa	NM,KR

Ochlandra travancorica	NM,NK
Oldenlandia corymbosa	EK,DK
Pavatta indica	KV,NK
Pongamia pinnata	KR,VM
Psidium gujava	EK,PK
Pterygota alata	KR,MD
Quisqualis malabarica	CT,AG
Ricinus communis	NM,KR
Schleichera oleosa	KR,PK
Scolopia crenulata	VM,MD
Scoparia dulcis	EK,DK
Setaria palmifolia	NM,PK
Sterculia balanghas	VM,PK
Stereospermum colais	AV,KR
Strychnos minor	EK,MD
Tamarindus indica	CK,PK
Terminalia catappa	KK,AG
Toona ciliata	NM,KR

Table 3. Species occurring in 3 sacred groves.

Acronychia pedunculata	EK,DK,PK
Albizia chinensis	NM,DK,PK
Axonopus compressus	EK,DK,DS
Bambusa vulgaris	KK,KR,AG
Bridelia retusa	DK,PK,MD
Calycopteris floribunda	KR,NK,DS
Cassia fistula	EK,DK,VM
Combretum latifolium	KK,NM,NK
Combretum ovalifolium	AV,KR,PK
Croton crispum	NM,AV,VM
Cryptolepis buchananii	NM,AV,KR

Desmodium gangeticum	NM,KR,EK
Dioscorea tomentosa	PK,AG,MD
Dysoxylum malabaricum	KR,TK,NK
Eragrostis viscosa	NM,EK,PK
Ficus drupacea	NM,KR,EK
Ficus religiosa	CT,VM,MD
Ficus tsjahela	NM,AV,KR
Hevea braziliensis	CK,TK,DS
Hopea ponga	CK,NM,CT
Ixora malabarica	NM,KR,PK
Lagenandra ovata	KK,NM,PK
Madhuca neriifolia	NM,KR,AG
Myxopyrum smilacifolium	KR,MD,NK
Naravelia zeylanica	KK,NM,KR
Neolamarckia cadamba(Anthocephalus cadamba)	KK,PK,AG
Pandanus tectorius	KK,NM,AV
Peperomia pellucida	MD,TK,DS
Piper longum	MD,TK,NK
Saraca asoca	KR,VM,AG
Terminalia arjuna	NM,KR,VM
Trewia nudiflora	NM,AV,KR
Urena sinuata	NM,KR,EK
Ventilago bombaensis	KR,KV,NK

Table 4. Species occurring in 4 sacred groves.

Alangium salviifolium subsp. hexapatalum	KR,PK,MD,NK
Andrographis paniculata	KV,TK,NK,DS
Aristolochia indica	KK,CK,NM,KR
Azadirachta indica	NM,KR,DK,PK

Boerhavia diffusa	NM,AV,KR,VM
Chrysophyllum oliviforme	CK,EK,PK,AG
Cinnamomum verum	NM,CT,AV,EK
Croton hirtus	KK,CK,CT,PK
Ficus racemosa	NM,KR,DK,VM
Geophila repens	KV,TK,NK,DS
Hedychium coronarium	NM,KR,EK,AG
Hibiscus rosa-sinensis	KK,EK,DK,DS
Hiptage benghalensis	NM,AV,KR,DS
Lophopetalum wightianum	NM,KR,MD,KV
Polyalthia longifolia	NM,KR,PK,AG
Quisqualis indica	CK,NM,AV,KR
Rivinia humilis	KK,CK,NM,PK
Salacia fruticosa	CK,NM,KR,MD
Samadera indica	CT,KR,EK,DK
Sida alnifolia	KK,NM,EK,PK
Strombosia ceylanica	KR,MD,KV,TK
Strychnos nux-vomica	KR,VM,PK,AG
Tectona grandis	KK,DK,AG,KV
Terminalia bellirica	KR,AG,MD,DS
Tetracera akara	NM,CT,MD,KV

Table 5. Species occurring in 5 sacred groves.

Antiaris toxicaria	NM,KR,MD,KV,NK
Clidemia hirta	EK,KV,TK,NK,DS
Cocos nucifera	KK,CK,NM,CT,AV
Cycas circinalis	KR,MD,KV,TK,NK
Cyclea peltata	KR,EK,MD,KV,NK
Ixora coccinea	KK,CK,AV,VM,AG
Litsea laevigata	NM,CT,KR,EK,NK

Phyllanthus urinaria	DK,MD,KV,TK,DS
Sterculia guttata	KR,PK,MD,TK,NK
Strebles asper	NM,KR,VM,PK,AG
Ziziphus rugosa	CK,NM,DK,PK,DS

Table 6. Species occurring in 6 sacred groves.

Ailanthus triphysa	KK,NM,CT,DK,VM,AG
Alpinia galanga	NM,AV,KR,VM,PK,AG
Alstonia scholaris	KK,NM,KR,EK,VM,AG
Antidesma acidum	KR,EK,PK,AG,KV,DS
Asparagus racemosus	CK,NM,AV,KR,MD,DS
Asystasia gangetica	KR,MD,KV,TK,NK,DS
Carallia brachiata	NM,CT,AV,DK,KV,TK
Cayratia pedata	KK,NM,KR,EK,VM,PK
Cyrtococcum oxyphyllum	CK,NM,KR,EK,PK,AG
Cyrtococcum patens	KK,PK,MD,TK,NK,DS
Erycibe paniculata	KK,CK,NM,KR,MD,KV
Gliricidia sepium	KK,NM,CT,AV,KR,AG
Ipomoea mauritiana	KK,CK,NM,AV,KR,AG
Jasminum rottlerianum	KR,EK,KV,TK,NK,DS
Talipariti tiliaceum	KK,NM,AV,KR,DK,VM
Ziziphus oenoplea	KK,CK,NM,EK,AG,MD

Table 7. Species occurring in 7 sacred groves.

Canthium coromandelicum	CK,NM,AV,KR,EK,AG,NK
Cinnamomum malabathram	VM,PK,AG,KV,TK,NK,DS
Dioscorea bulbifera	EK,DK,AG,MD,KV,NK,DS
Helicteres isora	NM,AV,EK,DK,VM,PK,AG
Meiogyne pannosa	NM,KR,PK,MD,KV,NK,DS
Micranthus oppositifolius	KK,CK,NM,KR,PK,AG,MD

<i>Persea macrantha</i>	NM,CT,AV,KR,AG,MD,KV
<i>Phyllanthus amarus</i>	KK,CK,NM,CT,KR,PK,AG
<i>Stachytarpheta jamaicensis</i>	NM,AV,KR,PK,AG,NK,DS
<i>Tabernaemontana coronaria</i>	KK,NM,EK,DK,VM,PK,AG
<i>Tabernaemontana heyneana</i>	CT,KR,EK,DK,VM,PK,AG
<i>Vateria indica</i>	NM,CT,AV,KR,VM,AG,MD

Table 8. Species occurring in 8 sacred groves.

<i>Acacia pennata</i>	NM,CT,KR,PK,MD,TK,NK,DS
<i>Acalypha indica</i>	KK,CK,NM,CT,KR,VM,PK,AG
<i>Dactyloctenium aegypticum</i>	KK,CK,NM,AV,EK,DK,VM,AG
<i>Derris eualata</i>	CK,NM,CT,AV,EK,AG,NK,DS
<i>Eleutheranthera ruderalis</i>	KK,CK,NM,CT,AV,KR,PK,AG
<i>Ficus hispida</i>	KK,NM,CT,AV,KR,EK,AG,NK
<i>Holigarna arnottiana</i>	CK,NM,AV,KR,VM,AG,KV,TK
<i>Olea dioica</i>	NM,CT,AV,EK,AG,KV,TK,DS
<i>Solanum torvum</i>	KK,NM,KR,PK,AG,TK,NK,DS
<i>Thottea siliquosa</i>	NM,CT,KR,EK,PK,AG,MD,NK

Table 9. Species occurring in 9 sacred groves.

<i>Aerva lanata</i>	KK,CK,NM,CT,KR,DK,VM,PK,AG
<i>Antidesma montanum</i> ( <i>Antidesma menasu</i> )	KK,NM,AV,EK,AG,MD,KV,NK,DS
<i>Digitaria ciliaris</i>	KK,CK,NM,AV,KR,EK,DK,PK,AG
<i>Ficus exasperata</i>	KK,NM,CT,AV,KR,EK,AG,MD,NK
<i>Hopea parviflora</i>	CK,NM,CT,KR,EK,PK,AG,KV,TK

Leea indica	KK,CK,NM,AV,KR,PK,AG,MD,NK
Mangifera indica	KK,NM,CT,AV,KR,EK,DK,PK,AG
Mimusops elengi	NM,CT,AV,KR,EK,DK,VM,AG,MD
Tiliacora acuminata	KK,CK,NM,AV,KR,DK,VM,PK,AG
Tinospora cordifolia	NM,AV,KR,EK,DK,VM,PK,AG,MD
Xanthophyllum arnottianum	NM,KR,EK,AG,MD,KV,TK,NK,DS
Zingiber zerumbet	NM,CT,AV,KR,EK,PK,AG,MD,NK

Table 10. Species occurring in 10 sacred groves.

Areca catachu	Except CT,VM,PK,MD,NK,DS
Artocarpus heterophyllus	Except CK,VM,MD,KV,TK,NK
Chonemorpha macrophylla	Except CK,AV,DK,VM,PK,AG
Eupatorium odoratum	Except EK,MD,KV,TK,NK,DS
Garcinia gummi-gutta	Except CT,MD,KV,TK,NK,DS
Lanea coromandelica	Except KK,CK,VM,TK,NK,DS
Merremia umbellata	Except CK,EK,DK,VM,PK,TK
Mukia maderaspatana	Except CK,DK,VM,PK,KV,TK
Piper nigrum	Except CT,EK,DK,VM,MD,KV
Sida acuta	Except VM,MD,KV,TK,NK,DS
Stenochlaena palustris	Except KR,MD,KV,TK,NK,DS
Uvaria narum	Except KK,MD,KV,TK,NK,DS

Table 11. Species occurring in 11 sacred groves

Ageratum conyzoides	Except EK,DK,KV,TK,NK
Anamirta cocculus	Except CK,CT,EK,KV,NK
Aporosa cardiosperma(Aporosa lindleyana)	Except CT,EK,VM,PK,TK

Cleome viscosa	Except EK,KV,TK,NK,DS
Hibiscus hispidissimus	Except EK,DK,MD,TK,NK
Hyptis suaveolens	Except VM,MD,KV,TK,NK
Mikania micrantha	Except VM,MD,KV,TK,DS
Mitracarpus villosus	Except MD,KV,TK,NK,DS
Mussaenda frondosa	Except CK,AV,VM,TK,DS
Oldenlandia auricularia	Except KK,CK,CT,VM,KV
Sarcostigma kleinii	Except EK,DK,VM,PK,AG
Smilax zeylanica	Except EK,DK,VM,AG,TK
Triumfetta rhomboidea	Except DK,KV,TK,NK,DS

Table 12. Species occurring in 12 sacred groves

Abrus pulchellus	Except AV,DK,VM,MD
Achyranthes aspera	Except DK,MD,KV,NK
Cissus repens	Except CK,CT,MD,DS
Costus speciosus	Except KK,CK,CT,AV
Macaranga peltata	Except KR,MD,NK,DS
Memecylon umbellatum(Memecylon edule)	Except CK,CT,AV,DS
Mimosa pudica	Except MD,KV,TK,NK
Oplismenus compositus	Except CT,DK,VM,KV
Sauropus androgynus	Except CT,VM,MD,TK
Synedrella nodiflora	Except KV,TK,NK,DS

Table 13. Species occurring in 13 sacred groves

Cyathula prostrata	Except AV,EK,DK
Hydnocarpus pentandrus(Hydnocarpus laurifolius)	Except VM,TK,NK

Leucas aspera	Except AV,KV,TK
Swietenia mahogani	Except VM,AG,KV
Vernonia cinerea	Except KV,TK,DS

Table 14. Species occurring in 14 sacred groves

Adenantha pavonina	Except TK,NK
Clerodendrum infortunatum	Except KK,DK
Ichnocarpus frutescens	Except KV,TK
Urena lobata	Except TK,DS

Table 15. Species occurring in 15 sacred groves

Biophytum reinwardtii	Except CT
Caryota urens	Except VM
Glycosmis pentaphylla	Except KV
Spermacoce latifolia	Except EK

Table 16. Species occurring in 16 sacred groves

Artocarpus hirsutus
Centrosema molle
Chassalia curviflora var. ophioxyloides
Pothos scandens

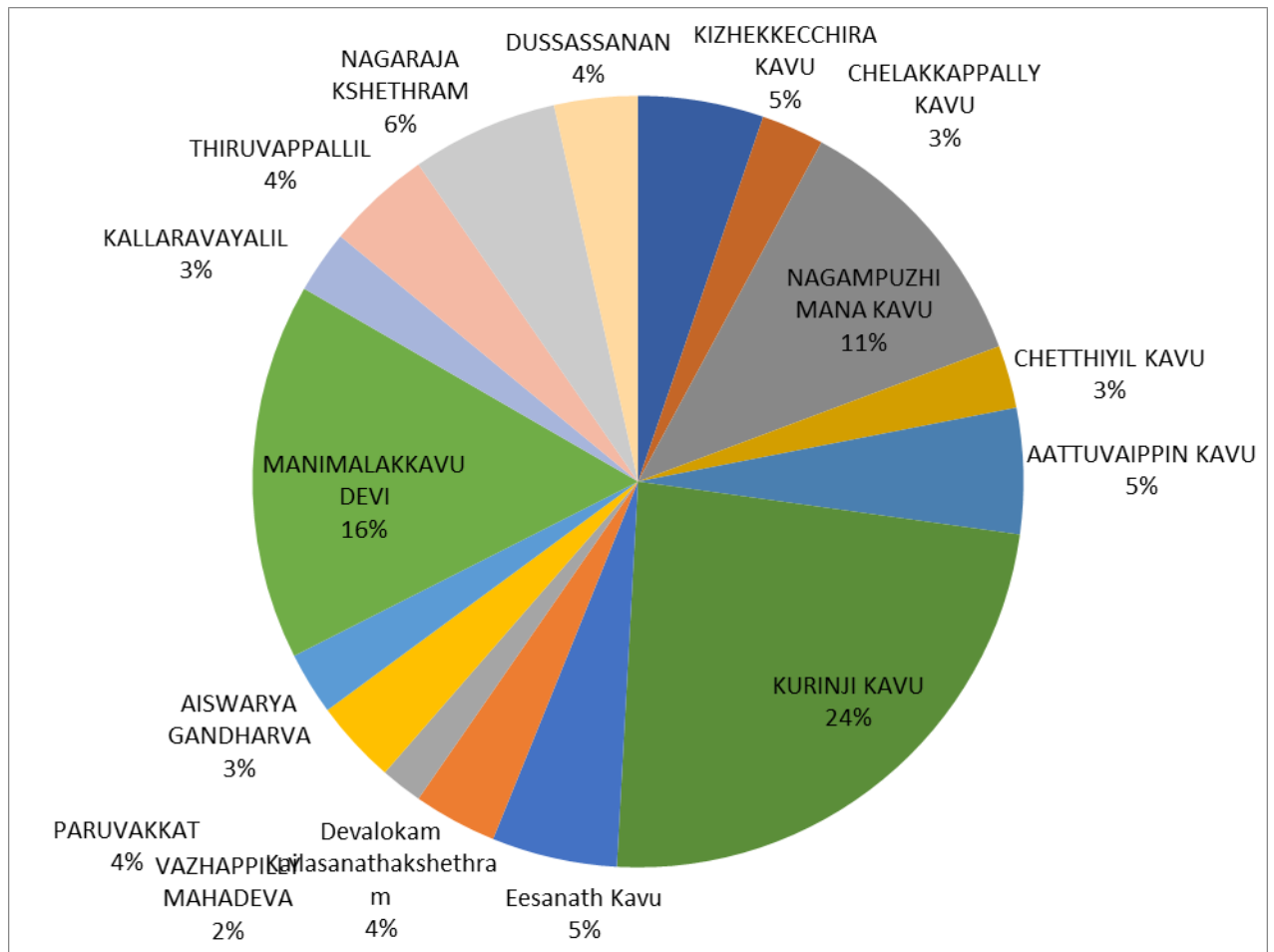


Figure 1. Number of species unique to the sacred grove

The number of trees, shrubs and climbers in the 16 sacred groves is provided in table 17 and Taluk wise occurrence of trees, shrubs and climbers in table 18.

Table 17. The number of species of trees, shrubs and climbers in the 16 sacred groves

Sl. no	Name of Sacred grove	Trees	Shrubs	Climbers	Herbs	Total
1.	<b>KIZHEKKECCHIRA KAVU</b>	26	14	27	29	96
2.	<b>CHELAKKAPPALLY KAVU</b>	18	11	22	26	77
3.	<b>NAGAMPUZHI MANA KAVU</b>	55	28	38	44	165
4.	<b>CHETTHIYIL KAVU</b>	27	9	17	21	74
5.	<b>AATTUVAIPPIN KAVU</b>	33	14	26	25	98

6.	<b>KURINJI KAVU</b>	75	22	44	34	175
7.	<b>Eesanath KavU</b>	32	17	19	30	98
8.	<b>Devalokam Kailasanathakshethram</b>	25	13	12	24	74
9.	<b>VAZHAPPILLY MAHADEVA KSHETHRAM</b>	25	11	11	19	66
10	<b>PARUVAKKAT      Acred grove</b>	30	22	20	35	107
11	<b>AISWARYA GANDHARVA KSHETHRAM KAVU</b>	40	21	21	29	111
12	<b>MANIMALAKKAVU DEVIKSHETHRAM</b>	29	13	33	21	96
13	<b>KALLARAVAYALIL KUDUMBA KAVU</b>	26	9	15	10	60
14	<b>THIRUVAPPALLIL KUDUMBA KAVU</b>	17	9	13	16	55
15	<b>NAGARAJA KSHETHRAM KAVU</b>	16	18	26	15	75
16	<b>DUSSASSANAN KAVU</b>	15	10	25	18	68

Among the 10 dominant sacred groves, tree diversity is highest in Kuringi KavU with 75 species. Shrub diversity is high Nagampuzhi Mana KavU with 28 species and climber diversity high in Kuringi KavU with 44 species and herb diversity high in Nagampuzhi Mana KavU with 44 species.

Table 18. Taluk-wise occurrence of species of trees, shrubs and climbers

<b>Taluk</b>	<b>Trees</b>	<b>Shrubs</b>	<b>Climbers</b>	<b>Herb</b>	<b>Total</b>
<b>Vaikom</b>	75	32	46	47	200
<b>Meenachil</b>	73	21	43	31	168

<b>Changanachery</b>	74	30	32	50	186
<b>Kanjirapally</b>	48	27	50	32	157

Among the taluks, Vaikom has the highest species diversity.

## CHAPTER VII

### ECOLOGICAL STATUS

Sacred groves which are rich in biodiversity are of immense ecological significance. The vegetation as well as the biological setup in a sacred grove is normally fully protected from human interference through customary taboos and sanctions with cultural and ecological implications. In such a typical condition there can be immense activity among and between all living organisms providing plenty of resources for research on some of the aspects not seen studied hitherto. In this chapter with the limited scope to undertake a study on this vast subject, the observations made with the basic principles relating to ecological status have been presented. This is confined to vegetation, soil conditions, faunal significance and water conservation.

#### **Vegetation.**

Tree crop- The vegetation has certain distinctive ecological characteristics such as clear tiers of trees, shrubs herbs, besides the climbers, epiphytes parasites etc. The commonly seen trees in the Sacred Groves are *Holigarna arnottiana* (Charu), *Hopea ponga* (Thambakam), *Strychnos nux-vomica* (Kanjiram), *Alstonia scholaris* (Ezhilampala), *Hydnocarpus pentandra* (Marotti), *Adenanthera pavonina* (Manchadi) and *Artocarpus hirsutus* (Anjili). There are a number of plants coming under trees, shrubs and herbs which are described in the chapter on composition of vegetation

#### **Keystone species**

Apart from direct benefits of biodiversity conservation, indigenous societies have always sensed the indirect benefit which flow from sacred groves through ecosystem functions. There are some species, though present in small numbers, play very important role by their unique abilities such as nitrogen fixation and attracting many birds etc and help maintaining life forms in plenty. They are known as keystone species. These species

have disproportionate large effect on other species in a community. Law (2002) tried to identify keystone species in two SGs based on following parameters.

i. Importance of value index (ivi) ii - Position of the canopy, iii - Position of growth form, iv. Association with other species (epiphytic growth), mobile links (pollinators, dispersers) ,v. Capacity to supply food resources for faunal diversity, vi. Succession status-light demanding/shade tolerant,vii- Biomass and nutrient allocation pattern to shoot and root.,viii. Shoot / root ratio of seedlings.'ix. Nutrient input to the system.

Once such species are removed from an ecosystem it may create dramatic changes in the rest of the community. Much studies have not been made on this aspect in respect of the SGs in Kerala. In Tamil Nadu *Ficus religiosa* and *F. benghalensis* - known as strangler figs, are considered to be Keystone species. These species have aggressive growth habit ensuring their regeneration and survival. They bear pulpy small fruits during dry summer when most of the other species do not. Hence they attract frugivorous birds, a few mammals and reptiles and several species of insects. Many pollinators and seed dispersers are attracted to promote regeneration in the plant community. In many of the SGs *Ficus* species are present. Another attraction is that the different species of *Ficus* bear fruits in different seasons also .The strong winding roots of *Ficus* prevent soil erosion. It is because of these influences on other community these species are called keystone species. There can be more such species if studies are taken up in this direction.

Taking into consideration of the essential qualities of keystone species the following species seen in these SGs are suggested for consideration.

- i. *Antiaris toxicaria*, is one more frequently seen in this tract governing the local avifauna .
- ii. *Caryota urens* (Palmae)-This is almost very common in the SGs.It's regeneration status ie excellent. Most of the time it is in flowers or fruits. It is attracted by many birds and mammals. Bats always finish it in course of time.It provides toddy.
- iii. *Mimusops elengi*-(Sapotaceae)-This is a graceful tree with dense crown. Flower profusely during december to February.

- iv. *Holygarna arnotiana*-(Anacardiaceae) This is shade tolerant. Flowering during Jan-Feb. It' fruit is liked by porcupine. This also is a common tree in SGs.
- v. *Crallia bracheata* which is an associate of mangoove, seen comparatively more in SGs of Vaikom and Kottayam taluks.

### **Regeneration**

The species composition of trees in sacred groves consists of light demanders, shade bearers and shade tolerant. Seedlings of species, for which securing light condition is less pronounced, may come up or compete with the seedlings of top canopy species. As the top canopy trees of varying growth requirements survive well, their regeneration under less favourable conditions particularly when the light condition is restricted, is a matter of study. Regeneration of shade bearing and shade tolerant species do come up but it persists for long periods in whippy form till favourable light conditions set in. These seedlings survive if soil conditions are favourable and root competition is less provided they could build up reasonable level of root stock. It is by keeping these basic principles in mind the flora of the sacred groves have been examined.

Natural regeneration in humid tropical forest is highly complex and least understood. In a closed canopy, it depends on gaps created by natural agencies like wind, old age of trees and so on. Stool shots generally arise from short lived adventitious buds formed between the wood and bark of the stump.

Natural regeneration depends on the following-

Seed production, age of the tree, predation of seeds, failure of ovule development, interval of seed production., dispersal and germination-In the case of orthodox seeds - viability is long. As regards recalcitrant seeds, they are killed if moisture content is below a certain value. Large seeds do not germinate unless they are buried beneath the litter or mineral soil as seen in the case of *Diospyros perigrina*. It is a shade bearer. Its seeds are disbursed by bats and monkeys. If exposed to sun for longer period it seldom germinate and grow. This is confined to wet locations of coastal belt. Regeneration in the form of root succers is noticed in respect of *Charallia brachiata* and *Struchnos nux-vomica* are noticed in the SGs at low level region..

Natural regeneration of shrubs and climbers is not a matter of concern since they multiply even under reduced light conditions. As most of the SGs are small in extent unlike large extent of forest growth, light penetration from lateral side is also possible which mitigate adverse condition for the growth of light demanders. Natural regeneration is generally good in the case of Anjily (*Artocarpus hirsutus*), Manchady (*Adanenthera pavonina*), Charu (*Holigarna arnotiana*), Vetty (*Aporusa lindleyana*), Uletty (*Caryotta urens*) Kulamavu (*Machilus macrantha*), Thanni (*Terminalia bellirica*), Vayana (*Cinnamomum malabathrum*) etc. which are common in almost all the sacred groves.

The regeneration of *Antiaris toxicaria* (*Aranthal*) and *Tinosperma cordifolia* (*Amrihtu*) is very conspicuous in Kurinjikavu of Meenachil taluk. High level of Phosphorus, Magnesium and Acidity noticed in this Kavau could a reason for this. See pictures below.



*Antiaris toxicaria*



*Tinosperma cordifolia*

In Kottayam and vaikom taluks regeneration of *Carallia bracheata* is common.

### **Soil Conditions in Sacred Groves.**

Periodicity of litter fall varies according to seasons. It starts by winter and goes on till March. Fine root production starts in Feb-March and reaches its peak during rains. Studies indicate that litter is the main store house of Nitrogen than fine roots and microbial biomass. Litter decay starts by first few showers and reaches its peak in the rainy season. It releases nutrient fast during rainy season when the up take by plants is

very high. Litter and fine roots normally add phosphorus to soil, but relatively less. The input of N is very much higher than that of other nutrients. Mineralization (by which humus is converted into inorganic nutrients) during wet weather and immobilization during the dry season is common as regards N is concerned. Release of nitrogen from decomposing litter is double that from fine roots. When Nitrogen is released in plenty, gall develops and is visible on leaf surface. Gall is an abnormal swelling of plant tissue by parasitic organisms. Parasites stimulate production of galls by secreting chemical irritants on the plant tissue.

## **SOIL TEST**

Soil samples were taken from 6 sacred groves at different locations in Vaikom taluk and got it analysed by Soil Museum at Parotukonam. Soil nutrient status in other selected groves was assessed through SOIL APP for mobile Phone ,designed by Kerala Soil Conservation Department (MAM

**Organic Carbon** - (OC) is the most important constituent of the soil which influence the plant growth as a source of energy and a trigger for nutrient availability through mineralization. An increase in OC leads to greater biological diversity both in flora and soil organisms. **Phosphorus** is the main supplier of microbes and not the litter or fine roots. It also helps growth of roots. When acidity is high phosphorous is less active. **Potassium** is more in clayey soil but it is not in the form for absorption by plants. It is helpful in protein synthesis, opening and closing of stomata and in photosynthesis. Potassium deficiency is common in sandy soils. When the level of potassium and phosphorus is deficient to match the available nitrogen besides general growth, fruiting and flowering of plants retard. These are the basic concepts based on which the effect of soil test result on the vegetation of sacred groves is examined.

The tests reveal that soil is wrongly acidic in Nagampozhimana of Naduvila village in Vaikom taluk which is bordering Vembanad lake . In Vadakkemuri and Velloor villages of Vaikom acidity is slight or even neutral. In adjoining areas acidity is medium. Almost in every area the soil is non-saline. Organic carbon is generally high. Available phosphorus is high and that of potassium is generally medium. Thus in vaikom taluk there is lot of variation in the status of soil nutrients. We can notice the density of vegetation is also varying here.

In other taluks which are in the mid zone the tract is mostly undulating with rocky outcrops. Organic carbon is generally medium. Iron and Magnesium are high. Acidity is medium to high. In some of these sacred groves soil erosion is prominent.

### **Soil conservation**

Thevaramala Kavu Steep hills Meenachil

Rapid litter decomposition and the root mat development with plenty of fine roots on the surface layer of the soil support large above ground biomass. Many micro organisms, invertebrates, fungi etc flourish. Root mat prevents the nutrients from leaching out. This is visible in many SGs when visited soon after rainy season. The spreading net work of large trees prevents to a great extent soil being washed away.

But in some of the groves situated in hilly areas soil erosion is noticed. It is conspicuous in Thevaramala in Meenachil taluk, and a few like Dussasana kavu and Manimala devi kavu. Rocky outcrops add to the soil erosion as can be seen from the pictures.

### **Water conservation.**

Almost all sacred groves are associated with ponds. The water from the pond is used for temples rituals and poojas and therefore, kept clean. As the ponds are either within the groves or along the boundary of the groves, these will not dry up during summer. The ponds play a key role in maintaining the water table of the area around the groves. The ponds associated with Sacred Groves in each taluk and the percentage is tabled below. It is noted that pond density is more in Sacred Groves of the coastal plains. It can be seen that the maximum number of ponds are the SGs of Vaikom taluk while lowest percent is in Kanjirapally taluk.

Name of Taluk	Total SGs	No. of Ponds
Kottayam	92	22
Vaikom	285	144
Changanassery	91	28
Meenachil	48	12
Kanjirapally	46	8
<b>TOTAL</b>	<b>562</b>	<b>214</b>

Out of the 214 ponds , 133 are natural ones and remaining 81 are dug out for managing temples attached. The more number of ponds in Vaikom can be attributed to proximity to coast, kole land and river pamba.

### **Carbon sequestration**

Sacred groves cannot be taken as an isolated system. By its presence amidst a mosaic of landscape such as fringe forests, cultivated areas and human settlements sacred groves enhance the landscape heterogeneity and biodiversity. An assessment on this contribution by sacred groves is a matter of study to be undertaken by bio-diversity organizations.

### **Faunal significance**

The sacred grooves harbour numerous birds, butter flies and bats apart from primates and small mammals.( Chandran-1993). Number of tortoise live in ponds attached to SGs. They very common in the ponds of Vaikom taluk and not so much in other aeas. On the ground there are termites, ants and earth worms which play an important role in building up soil .Around 100 sp. of mammals,476 sp. of birds, 156 sp. of reptiles,91 sp. of amphibians and 196 sp.of fishes are reported to be available in the sacred groves of Kerala.(KFRI Reserch Report.406) Though the above information indicates the potential giving an overall picture, in these pockets of SGs only some of them are available depending on the conditions of the habitat. The animals found are those which nested there in like snakes, frogs, tortoise, lizards etc. and those visit the site for food and temporary shelter like bats. A clear study on this fauna would involve long period of periodical observation by experts, not to speak of the cost. In this report the study team noted the animals seen directly and also gathered information from the

custodians or local people and also available literature specific to such cases. Bats and Peacock are the animals very frequently visiting these SGs. Termite mounds are rarely noticed even though they are present inside dead wood and below soil.

### **Role of termites**

Termites are insects that live in colonies composed of individuals (i) from more than one generation, (ii) those give co-operative care of the young and (iii) those showing reproductive division of labour. Some species live within wood and others inside soil matrix in nests that are described as diffuse gallery systems. There are still others which while living inside soil build mounds emerging from the soil surface.

Termites form a significant element of soil micro-fauna. The food of termites mainly is plant material. Termites can also feed on animal products such as dung, fresh mammalian carcasses. Some termites feed directly on the wood of living trees while there are others which depend on humus in the soil. The former type possess an intestinal fauna



of flagellate protozoa which initiate the digestion of cellulose. The other one depends on fungi and bacteria acting on food supply before it is eaten. One sub-family of *Termitidae* collects sound wood and stores it (*Macrotermitinae*) within the nest to be worked on by specific fungi. Another type

depends on the humus present in the soil for nourishment and utilizes large amount of excreta for construction of mounds. Studies on termites also reveal that they have no sight and they are deaf. They recognize their nest mate by their special odor. They leave scent trails to food sources outside the nest. The scent comes from a gland present on the underside of the abdomen.

Below ground nests are very common where moisture remains at low levels throughout the year. Here evaporation and desiccation remain low. Cellulose is the

desired product for them though they feed on grain, dung etc. Lignin from plant particle is used to reinforce nest material and shelter tubes though it is non-digestible. They eat their dead to gain protein—a case of cannibalism. In dry conditions termites are the main decomposers of litter due to their ability to avoid dehydration and face prolonged desiccation. In Nallur Srinagaraja kavu in Kanjirappally the two idols of Naga are completely covered by termite growth for some years since. The photograph of those chambers are given above

The influence of termites on living trees adversely affects timber production. But their activity on fallen and dead wood in sacred groves improve the soil fertility. Termite take active role in cellulose processing and soil bioturbation. In doing so they establish symbioses with both microbes in the guts and many organisms in their mounds. They act on soil and litter by feeding and excavating soil. They break down litter into smaller particles and expose inner surfaces of litter for early action by bacteria and fungi..

### **Bats**

The bats visiting the SGs fall under the category of fruit bats and they form abundant group of mammals usually. But their occurrence in these areas is conspicuously low. Their contribution in pollination, seed dispersal, supplying guano nutrients to soil etc are well known .But the reason for their. In addition, the more representation of *Antiaris toxicaria* trees in these sacred groves could be another reason. It is well observed this *Antiaris* species is not liked by many birds and fish.

### **Peacock**

Peacock visits some of the SGs finding favourable conditions of food. It feeds on plant parts, insects, white ants etc. Also it takes plenty of water. It can devour even snakes. It scratches termite mound in sacred groves and eat the ants coming out. Pea fowl is reported from many of the SGs. But they are mostly on the move. They prefer SGs adjoining paddy fields. They feed on lizards, rhodents, and even small snakes. They avoid flying but do fly to tall trees for roosting. Here also the general condition does not present a congenial surrounding for them to frequent.

Wild honey bee is seen in plenty in Kurinji kavu near Pala .A picture with crowded combs hanging on *Schleichera oleosa* is given below.



### **Indigenous Fishes**

Indigenous fishes like varal-snake head (*Channa striatus*) and kaithakkora – climbing perch (*Anabas testudineus*) were noticed in the past in ponds. These fishes have almost disappeared from the ponds due to conversion of surrounding areas into

commercial crop and for want of adequate attention. In this aspect also there is nothing much to expect.

### **CIVET-(Toddy cat)**

This elusive nocturnal animal is mostly herbivorous. Besides fruits they feed on small insects. They relish palm flower sap and has earned the name-Toddy Cat. They are very commonly reported seen in SGs. But nowhere we could get any report about the damages they cause to the plants excepting feeding on fruits.

### **Fungal flora-**



This can be *Microporus xantopus*- This grows in groups in humid Subtropical climate on dead wood.

Detailed study on fungal flora has not yet been carried out. Ten sacred groves in central Kerala has been taken up by scholars from MGUniversity (Medcrave Journal vol-2Issue-6-2018) for a study on fungal flora. Out of these Aalpra kavu of Kottayam district is also included. They have collected eight species of fungi from living, fallen and decaying woods. Fungi such as *Cordella johnof* running waer sinthe quality the

river banks and hence tonii, Ellis from monocot stem and Sporoschisma mirabile Berk and Br. from Alstonia scholaris were identified from Aalpara kavu. A study report in detail could not be collected. It is inferred in this study that the presence of microfungus flora is an indication of limited interaction in the river banks and hence the quality of running water will be considerably good.

## **CHAPTER VIII**

### **SOCIO CULTURAL ASPECTS**

#### **General**

Kottayam is known as the land of Letters, Latex and Lakes. And it is not only the first fully literate city in India but also one of immense natural beauty with panoramic views of various water bodies in and around and lush green paddy fields. There is plenty for tourists to see while visiting Kottayam. Erumeli is an important pilgrimage centre for Hindus and Muslims. In July, August and September, Kottayam hosts around 50 different kinds of boat races and these are a lot of fun to watch. Kottayam, with its wondrous natural beauty also makes for a good honeymoon destination. This Land of Letters grew up many well-known authors like Muttathu Varkey, Ponkunnam Varky, Kottayam Pushpanath, Arundhati Roy and many others. Kottayam was a part of the small independent kingdom of Thekkumkoor until the mid-18th century. Slave trade flourished in the region during the 17th century

#### **Socio Cultural background of the district**

The Kingdom of Thekkumcore was eventually annexed by Marthanda Varma, the ruler of Travancore and became a part of the Kingdom of Travancore. It remained a part of the State of Travancore during the British rule. The citizens of Kottayam staged a protest, which came to be known as the Malayali Memorial Agitation, demanding better local representation in the Travancore Civil Service sector. The movement eventually spread to other parts of Travancore.

The people of Kottayam follow one of the three religions - Hinduism, Christianity, and Islam. Of these almost 48% are Hindus, 46% being Christians and 5% Muslims, besides small communities of Sikhs, Jains etc. However, the population of Kottayam, irrespective of which religion they follow, have their traditions and customs steeped in Syrian Christian influence. The people are usually well educated and friendly in nature. Kottayam is heavily influenced by the large Syrian Christian community in most cultural aspects. The dance forms of Margamkali of Syrian Christian is popular in this region.

Margamkali which is popular among the Syrian Christian community and which is performed separately by men and women has its origin from Buddhism, as reported in *Adiverukal*. Arjuna Nritham, which is also called Mayilpeeli Thookam, is performed by men. Other South Indian dance forms such as Bharatanatyam, Mohiniyattam, and Kuchipudi are also popular in Kottayam. Several people from Kottayam learn Carnatic music from a young age. In addition to dance and music, the people of Kottayam have a deep interest in literature. It is recorded (*Temples of Kottayam-Jayasankar*) that Buddhism and Jainism entered Kerala in the 3<sup>rd</sup> century BC. Buddhism paved the way for learning and literacy. It is reported (*Adiverukal-Dr.John Ochanthuruth*) that many of the early Christians in this land hail from Buddhism. Some of the cultural practices followed by Christians are said to be of Buddhist origin. The Brahminical influence entered the state in the 5<sup>th</sup> century. Their influence on the local people, especially with regard to the mode of worship was immense.

### **The Concept of Sacred Groves**

Traditional and indigenous communities in India are of the religious belief that medicinal groves and plants are sacred in nature. Sacred groves (SGs) are patches of trees on forest land that are protected communally with religious zeal and connotations. These forest areas have been protected since ages by traditional societies and indigenous communities with their socio-cultural and religious practices. Sacred groves as a rule are treated piously. Sacred trees are prohibited from cutting and not axed except when wood is needed for the religious purposes like construction and repair of temple buildings or in cases like worshipping, death ceremonies and temple rituals. Thus, SGs carry direct and everlasting pious status and assist in maintaining social fabric of the society. Sometimes, they are also known as natural museums of giant trees, treasure houses of threatened species, dispensaries of medicinal plants, regulators of water sheds, recreation centers for urban life, veritable gardens for botanists, gene banks of economic species as well as rare and endangered species, paradise for nature-lovers and so on.

In India, different religions are having different traditions, beliefs, and rituals that are associated with conservation of biodiversity and forests. In Hindu religion, it is a traditional belief that nature shows a reverence for five basic elements i.e., Earth (*Prithvi*), Fire (*Agni*), Water (*Jal*), Air (*Wayo*) and Space (*Akash*). All the five elements are treated as a body of God and are worshipped. These five elements are protected for religious, cultural and spiritual reasons. There are many studies entitled to further

quantify this ethics, which leads to biodiversity conservation and sustainable ecosystem (Pal and Mukhopadhyay [2011]).

### **Cultural impact on Sacred Groves in the District**

From time immemorial, the original groves came in to the hands of individual families and remained family-owned property. As the families split into smaller units, many of the members retained the grove with the place of worship. Since many families were unable to follow the 'Kavu' rituals, they were handed over to organizations like the Devaswom Boards or local trusts and temple committees.

Unlike in other neighboring districts like Kollam or Alappuzha, the number of sacred groves in existence as well as its extent is a matter to be analysed with respect to the cultural background of Kottayam. The total number of Sacred Groves in the district is only 564. Of which Vaikom taluk , which neighbors Alappuzha district supports the



**Formation of new rubber plantations reducing area of SGs (Nellore Nagaraja Kshethra kav-Kanjirappally)**

maximum, 285. The largest SG in the district is *Thevermala Sankara Narayana Devikshethra kavu* with an extend of 11 Acres in Bharanaganam village of Meenachil Taluk. The total land area under SGs is only 84.47 Acres in the district. Though Christianity is said to have reached the land of Kerala in the

Ist century AD, its impact on the district was felt very late. It may not be wrong to infer that the low land area under SGs and the lesser number of SGs may be the result of Christian invasion in the district. During interactions with some of the owners of SGs, it was revealed that many of the large SGs were sold to people belonging to other religion, mostly Christians, who felled the trees and converted the land. Naturally, it is said, the strong and ardent faith under which SGs were conserved slowly diminished. Traditionally, the Christians in the area are mostly hard working agriculturist and naturally there will be the tendency to convert the land to make it productive. This also might have added for the reduction in the extent of SGs in the district.

Similarly, Kanjirappally and Meenachil taluks are fully and Changanassery and Kottayam Taluks are partially Rubber cultivation areas. Kanjirappally and Meenachil taluks are the best rubber yielding areas in the State. It is inferred that this has reflected in the number of SGs in these taluks. When Vaikom supports 285 SGs, Changanassery supports 91, Kottayam 94 Meenachil 48 and Kanjirappally 48. It is noteworthy that the eastern parts of Changanassery and Kanjirappally taluks, which are predominantly Rubber plantation area, support very few numbers of SGs.

Astrology has an important role over rituals and offerings and preservation of the sacred garden. Astrologer decides the date of festivals *in kavus* where there is no fixed date. He declares the need for additional rituals *during* festivals. In certain cases Astrologers by their verdict becomes saviors of the kavu and in certain other cases they are alleged to be turning into a threat for the existence of sacred groves. In order to cut trees from sacred groves for financial benefits or to clear the land for construction purposes, the astrologer's advice is obtained to conduct *punaprathishta* (shifting of the Kavus) now-a-days.

### **Worship**

At various stages of evolution, people adopted different modes of worship like nature-worship, spirit-worship, image-worship etc. Ownership of the *Kavus* vests with *Nampoothiry* (Brahmin), Nair and *Ezhava* communities. A few *Kavus* belong to scheduled castes. Though the ownership is as mentioned above, poojas are mainly *brahmana pooja*. *Abrahmina poojas* are performed by *pulluvass* or other members belonging to the Scheduled castes.

Since majority of SGs belong to families, worship patterns, rituals and festivals vary from place to place. Unlike in the case of SGs attached to major temples, expenses on festivals would be very restricted because they themselves have to find out the resources for the festivals. In the family SGs, daily poojas are not taking place, instead lighting lamp in the SGs by members of the family is uninterruptedly carried out. It represents unity and collective action of the family members. In the district, in many SGs, showing lighted lamp from outside (showing the deities inside SG) is a practice. Poojas are either monthly or seasonal.

**Deities**

Generally, the Deities in the Temples include a wide spectrum based on different *sankalpas* (splendid conceptions). But in the case of Sacred Groves, the Deities are a sort of Spirit cult. Worship of these semi divine sprits is primitive. Though these are classified in many categories, those most common in this district are *serpent* deities.

*Oloor sarpakav – Njeezhoor village*



All classes of Hindus consider *Naga*-worship as divine. The *Serpent* God is known by different names. Devotees consider it necessary to worship them to ensure progeny and prosperity in their families. Generally there will be a stone basement- *chithrakoodam*-with granite stone *prathishtas* of *Nagaraja*, *Nagakanyaka*, *Nagayakshi*, *Naga kali*, *Naga Bhagavathi* and

other attendant *Nagas*, all facing the east. Among the idols, the idol of *Nagaraja* is

slightly bigger. The devotees treat *naga* idol with great veneration and some sort of fear. The general belief is that if a person shows disrespect or kills a serpent he will meet with punishment. Generally the *deities or prathishtas* in the SGs in the district are:- *Nagaraja*, *Nagayakshi*, *Arukola*, *Bhadra*, *Ananthan*, *Paranagangal*, *Akhila sarpam*, *Kughi nagam*, *Kari nagam*, *Naga unni* etc.

The Spirit cult or semi divine sprits are broadly classified under various groups.



**Kunnasseri Bhagavathi kshethrakavu- Muttuchira**



**Sarpa Daivangal-Valiyara Sree Subrahmaniaya  
Vanadurga Bhagavathy Kshethra kavu-  
Vechoor**

The only two categories in the district is 1. The Serpent (Naga) spirit and 2. Yogeswaran.  
**Offerings**

*Sarpa bali, Noorum palum, Dhara, Nagaroot* etc are some of offerings performed in the SGs. Offerings for deities in temples are different from that in the SGs.

In Manimala kunnu Dussasanan kavu (Chirakkadav village) offerings are made in the form of Tapioca(burnt) and liquor. Here, there is a special place demarcated to make such offerings (*see picture below*). Another offering is to throw tender coconut in the specially marked place.



**Folk Arts**

The art, culture and customs of the people of Kottayam district are mostly the same as those of the people in other districts of central Kerala. The folk songs in the fields during sowing and harvesting, the awakening songs by the Panans, and a few other dance forms of the traditional style associated with festivals like Onam can still be seen. A large number of art

forms including folk dances, dramas, folk-songs, etc., have gone into oblivion. *Kalamezhuthu, pattu, Pulluvan pattu, Thullal, Pambum thullal or Sarpam*



*Sarva Iswarya pooja-devotees offer flowers etc as offerings*

*thullal, Velakkali, Padayani, Gandharvan pattu,* etc are some of the folk art forms

performed during the festivals in the SGs. In major temples, *Ganamela*, *Bale*, *Drama*, etc are performed during temple festivals. The ritual of *Kalamezhuthu* develops through three stages - *Kalamezhuthu*, drawing of the picture, *Kalam*, *Pattu*, which involves the rendering of the myth related to the deity to the accompaniment of some traditional instruments and *Kalam Thullal*, the final stage in which the myth is performed in a stylized form following which the *Kalam* is erased. This art form is multi-dimensional in that it bears religious, aesthetic and social aspects.



*Thalam edupum thalam thullalum - Kurinjikav*

In Krinjikav in Meenachil taluk, a unique dance form by men is performed during the festival. This dance form is known as *Thalam Edupum Thalam Thullalum*. *Sarpam thullal* is generally held to appease snake gods for prosperity of the family or to give an offspring to the

couples who may have difficulties in conceiving a child. People generally take a vow is also associated with the ritual and *Sarpam Thullal* is done after the fulfillment or accomplishment of the vow. But in most of the scenarios *Sarpam Thullal* is done to ward off any *doshas* of the family and bring peace and prosperity.

*Padayani* is a traditional folk dance and a ritualistic art form to please Bhadrakali. Meaning, ‘a row of warriors’, *padayani* is an art form that blends music, dance, satire, facial masks and paintings. The story is that Lord Brahma granted immunity from death at the hands of any man to two fiercest Asuras -Darika and Danaveera, but with a curse that a woman would kill them.



These two Asuras became very powerful and pose a threat to Gods and godly men. To

overcome this Lord Siva created Bhadrakali following a design given by Narada. Bhadrakali succeeded in destroying the demons. *Padayani* Art is performed in late night for pleasing the Goddess Bhadrakali whose fury remained unabated even after her victory over this mythical demon.

Bhadrakali is the Lordess acting against evils and darkness is the symbol of evils. *Padayani* is very much similar to *Theyyam* in Malabar region. Like in *Theyyam* there are different forms in *Padayani* Called *Kolam*. *Pakshikolam* is performed to prevent negative effect on new born baby. *Madan kolam* is for punishing people who travel in the night with evil motives.



**Marutha kolam**



**Sivan kolam**

In general it aims at the welfare of society. This takes place during Malayalam months corresponding to January to May. This period corresponds to harvest and sowing in cultivation. Right from paint to masks only natural ingredients are used. Masks are made out of flakes of areca nut palm leaves. Tender leaves of coconut palm are used for other coverings.

## **CHAPTER IX**

### **SOCIO-ECONOMIC DIMENSIONS**

#### **A. Custodians of Sacred Groves.**

The custodians of sacred groves fall under different categories depending on the social customs and legal status of land. Mainly four categories are identified namely Private management, Community management, Public management and management by Government supported Institutions like Devaswam Board. Even among them there are various sub-types according to the ownership.

#### **I. Private Management**

The basic factor here is that the full propriety of the land supporting sacred grove belongs to one family or group of families. There are in all 542 such SGs coming under private category in this district. The sub-groups are:-i. Kudumbakavu, ii. Kudumba Trust/Committee.

#### **Kudumbakavu.**

In this case as is generally seen in respect of Hindu families, the sacred grove form part of own property of the family being maintained traditionally from generations to generations with the purpose of maintaining general protection of the family and worshipping deity based on their religious belief. The head of family normally is the top authority in the management. Since these sacred groves are hundreds of years old in most cases they hold a link to the family partition deed wherein the stipulations are there for the maintenance of sacred grove and allotment of additional area for generating income to maintain them. .

#### **Kudumba Trust / Committee**

In certain cases the partition deed stipulates the responsibility of maintaining the sacred grove with a specific family and when the same family expands into more number of families later without losing their right and responsibility to preserve the sacred grove;

these families work jointly to manage the affairs of the SG. In such cases they have the option to form a committee or register a trust as the case may be without altering the legal status as private. The trust/ committee periodically elect office bearers like President, Secretary and committee members to manage the activities relating to the SG. A byelaw is only optional and they sometimes manage with clear understanding among them.

### **Community Management**

There were instances in which large patches of land supporting vegetation were handed over to certain communities in the past by then ruling Maharajas or rich Brahmin or Nair families ( *Tharawad* ) as a matter of compensation for service rendered. Most of these communities are *Parayar, Kuravar and Pulayar*. Here also the legal status of land remains private and the ownership rest with a community. They have certain understanding among them as to the selection of leadership for management. . The peculiarity in this case is that no idol is kept but presiding deity is designed as an imaginative deity and a plat form is constructed showing the place of deity. In most such cases the rituals are conducted by the community members only. They place a stone as symbol for worship. Only in very few cases idol is kept.

## **II. Public Management.**

In this case the ownership goes to a public body which governs the management according to generally approved legal formula. It can be registered as public committee or function as a public committee with oral understanding. In either of the cases many or all of the members are from the public having faith in Sacred Groves. In this there are two sub-categories namely Public Committee and Public Trust.

### **i. Public Committee.**

Such committees are usually formed when an owner of the SG is financially too poor to manage the affairs of the SG while at the same time the local people consists of devotees having faith in the deity or sacred grove. Another reason is when the SG is on the verge of complete destruction or encroachment by other people inviting resentment from local devotees . All such instances immediately provoke the local people to form committees to maintain and protect the SG. Another instance is when the land under an SG is purambke under Revenue, Forest or Panchayat . Like minded people constitute a

public committee for security. Some such committees go in for registration with local Registrar's Office. They maintain registers of accounts for every monetary transaction and present all matters during the meetings. There are 46 SGs listed under such committees.

**ii. Public Trust**

This is a more solid and strong institution having more legal backing. They adopt a byelaw as stipulated by Registrar of Societies and obtain registration as per rules. They elect president, secretary, treasurer and committee members and follow their activities according to the duties and responsibilities stipulated in the byelaw. The circumstances leading to the constitution of public trust are the same as in the case of Public Committee.

**III. Devaswam Board.**

There are SGs attached to Temples under the management of Devaswam Board. Temples are constructed by the custodians which were subsequently taken over by Devaswam Board for management. The SGs of this category are managed by Temple authorities. Though more attention is given in the affairs of temple equal importance is given to the rituals in the SG also, thereby providing sufficient importance to Sacred Grove.

A statement of SGs under the above categories is given below. It can be seen that majority of the SGs are under private management.

<b>Name of Taluk</b>	<b>Private</b>	<b>Publically owned</b>	<b>Devaswam Board</b>	<b>Total</b>
Kottayam	78	10	4	92
Vaikom	276	8	1	285
Changanassery	76	9	6	91
Meenachil	38	4	6	48
Kanjirappaly	26	15	5	46

*The private category include both Kudumba Kavu and a small percent of community owned SGs.*

## **B. Socio-economic Condition**

The socio-economic condition prevailing among the people around the sacred groves is very important as it influence the stability of these virgin patches of vegetation. The main stake holders are the custodians, the people employed and engaged in the management of SGs, the devotees and the shopkeepers etc. An attempt has been made to gather data on the rituals, the expenses in managing the affairs of SGs, the income and employment generated . Out of the 562 sacred groves the custodians fall under various categories as described above. Most of them are private owners which we call Kudumbam as well as community..The socio-economic condition depend on the activities as well as the rituals, which generate flow of funds for expenses and income. Custodians will have to spend money for payment of honorarium or salary to priests, supporting staff and other accompaniments. Income is received from devotees for various ( Oblations)as offering and fixed rate are decided by the custodians.

An attempt has been made to gather data on this aspect by contacting the stake holders mainly the custodians or their representatives . As many as five to ten percent of them coming under different categories have been contacted. The data reveal that much variation is not there as regards those under Public Trust, Devaswam Board and Public Committee. But marked variation exists among the privately owned SGs both in the type, frequency and time of rituals and payment to employees. Taking these aspects into consideration the estimation of level of employment, expenditure and income have been arrived at on a very conservative method which would project only the minimum

### **1. Private SGs**

#### ***Kudumba kavu owned by families***

The frequency of pooja, types of rituals vary considerably. Irrespective of the deity lighting lamp every day is optional. Every month on *Ayilyam day*, Pooja is performed in many groves. The system of not conducting any pooja in order not to disturb the snakes during its breeding season (-four months July to October, corresponding to Malayalam months –*Edavam to Chingom*)seen in other areas is not followed in this district. Regular

rituals are performed only in very few SGs .Based on the rituals and its regularity coupled with the model of management, these sacred groves have been categorized into the following groups /sub-groups in order to roughly estimate the financial impact. This is arrived at considering the observations recorded and suggested by enumerators and their collection of data.

#### **A. Systematic-**

Daily pooja, Special poojas on important religious days including *Ayilyam* , organizing festivals incorporating variety entertainments ,engaging Brahmin priests for pooja, attending to the cleanliness etc., are done in all Sacred Grooves **attached temples**. Eesanakavu in Changanasserry, Thrikkodithanam in Changanassery taluk are some of the examples. In all the above cases *ANNADANAM* a very important activity by feeding the devotees freely is a common programme ,well appreciated at all levels.

#### **B. Semi -Systematic.**

Most of the sacred groves managed by public committee and public trust come under this category. Here they may not be getting enough income to deploy employees and arranging pooja regularly. Therefore the rituals are mostly done on monthly basis and on selected important days.

Eerakeli kavu (No.208) and Chittezhathu kavu (No.209) in Udayanapuram village of Vaikom taluk are examples.

**Among private SGs only 20 % roughly** carry out these functions.

Among private holdings Chithirathil Annapurnaswary kavu in Mannarakad of Kottayam Taluk is an example for conducting rituals systematically.

#### **C. Occasional.**

Majority of the private SGs come under this category except a few (20%) coming under the category A. The systematic regular daily pooja, monthly pooja on *Ayilyam* days or even daily lighting lamp by evening are absent or scarcely attended. In almost all of these cases, conducting a pooja once in a year and seldom attempting a festival arranged as optional are the activities attended.

Kalapinackal kavu in Meenachil taluk (No.4) and Palathara kavu in Vaikom taluk (No,146) are examples

**D. Exclusive**

A small percentage , roughly say 2% of the private SGs . do fall under this category. This is a very special case in which the custodian family looks into every thing and all activities in the grove are decided and conducted by them only. They are mostly Brahmins. They do not expect any financial contribution or income as oblation (*vazhipad*) from others.

Vakkayil kavu in Kulasegharam village of Vaikom Taluk (No.151) and Chittamangalam kavu in Anikkad Viilage of Kottayam taluk ( No.51) are exmples.

**Financial Impact**

The financial impact is intended to give a glimpse of the socio-economic status as to how much employment is generated and money circulated on account of the existence of sacred groves.The data has been collected by entering appropriate information in questionnaire designed for the purpose.Data is collected from some of the typical sacred groves of each category.Such information can be taken as nly approximate and it gives the minimum level of money circulation.

Category- TEMPLE ATTACHED Total SGs 22

Pooja	Employment Mandays	Expenditure	Income	Total for 22 SGs
Systematic	1460	WAGES Rs.30,000		
Maintenance		20,000		
Festival		50,000		
Total income			Rs. 1.5 lakhs	
Employment				32,120
Remuneration				Rs. 6.6 lakhs
Maintanence cost				4.4 lakhs

Festival				Rs.11 lakhs
Total income				Rs. 33 lakhs

Arbitrarily 10 % of the expenditure and income of the temple is set off against the credit of sacred grove attached.

Category- PUBLIC TRUST / COMMITTEE

Total SGs 46

Pooja	Employment Mandays	Expenditure	Income	Total for 46 SGs
Systematic	124	1,86,000 wages		
Maintenance		25,000		
Festival		2,00,000	5,00,000	
Employment				5704
Remuneration				85.6 lakhs
Maintenance cost				11.5 lakhs
Festival				230 lakhs
Total income				350 lakhs

Employment-

Monthly pooja-3people, 10 days festival-40 men Part time-4/month

(36 + 40 + 48) =124 per year.

Maintenance include cost of Pooja material.

Festival expenses vary according to level of elaboration of programmes.Income is mainly from donation.

Category- PRIVATE SYSTEMATIC-

Total SGs - 100

FOR ONE Year in TYPICAL CASE				TOTAL for One Year
Pooja	Employment Mandays	Expenditure	Income	Total for 100 SGs
Systematic	250	1,00,000 wages		
Maintenance		40,000		
Festival		2,00,000	5,00,000	
Employment				2,50,000 Mandays
Wages				100 lakhs.
Maintenance cost				Rs.40,Lakhs
Festival Expenses				Rs. 200 lakhs
Total income				Rs.500 lakhs

Daily lighting, pooja occasional, Festival once a year, Feeding devotees during religiously important periods.

Income as -Donations from public and Oblation charges and Hundy offerings

Category- Private- - OCCASSIONAL

Total SGs -- 384

Pooja	Employment Mandays	Expenditure	Income	Total for 384 SGs
Ordinary	34	51000 wages		
Maintenance		20,000		
Festival		50,000	1,00,000	
Employment				13,056Mandays
Remuneration				196 lakhs
Maintenance cost				Rs.76.8 Lakhs
Festival				Rs. 192 lakhs
Total income				Rs.384 lakhs

Pooja will be once in a month involving two persons as priest and one helper. One festival in a year. Maintenance include cost of pooja material. One Feeding is done in a year for devotees on auspicious days. Income from public include oblation, offerings and contribution of custodians.

Category- EXCLUSIVE

Total SGs 10

Pooja	Employment Mandays	Expenditure	Income	Total for 10 SGs
Systematic	nil	nil		
Maintenance		self		
Yearly pooja		5,000	nil	
Employment				-----
Maintenance cost	All self			-----
Yearly pooja				Rs. 50,000
Total income				NA

This is an exceptional case in which the custodians manage everything themselves except on yearly pooja. Most of them belong to Namboothiri families or similar ones.

**ABSTRACT of ANNUAL STATEMENT TOTAL**

CATEGORY & NUMBER	Employment, mandays	Wage Rs.lakhs	Other expenditure Rs.lakhs	Total income Rs.lakhs
Temple attached- 22	32210	6.6	14.4	33
Public trust/ committee 46	5704	85.6	241.5	350
Private i-systematic 100	2,50,000	100	240	500
ii-Occasional 386	13056	196	268.8	384
iii-Exclusive 10	-----	-----	0.5	--
<b>TOTAL</b>	<b>300970</b>	<b>388.</b>	<b>765</b>	<b>1267</b>

**Total employment-300970 man days-**

**Total- ExpenditureRs. 11.5 crore --Total Income-Rs.13 crore.**

**Total money generated annually is Rs. 13 crore minimum.**

### **COMMUNAL HARMONY.**

Another aspect of the influence of sacred groves is the social harmony generated among the devotees around. The following examples illustrate how this is prevailing in this area.

#### **Esanakavu in Changanassery municipal area.**

This is a privately owned sacred grove where a temple is also attached. Here the management is under a committee consisting of representatives from SNDP Yogam and NSS for the last so many years. The members of both these community groups jointly run the affairs of the sacred grove and associate in all general activities of the society.

#### **Thaitharakavu-Vaikom**

This sacred grove was owned by a family of brahmins. Consequent to a fire attack the whole grove sustained damages and many people connected with the ownership had to flee away. However one lady survived due to sincere efforts of a Harijan neaby (called Srilankan) , He looked after her till her death and protected the grove till the death of Srilankan also. The same sacred grove is still there in which both the above two people are worshiped.

#### **SGs managed by SC group..**

There some sacred groves administered by scheduled cast as in other districts also. Some of the examples are, Kizhakkemadom kavu , in Udayanapuram village No.222 ,and Ambalassery kavu in kizhakkemadom No.145 of Vaikom taluk.

Similarly there are some sacred groves managed by Tribal people such as Pakanam Mahadevar kavu in Erumeli village of Kanjirappally taluk (No.31) , and Kalluvattom Sri Dharmakshetra kavu in Melukavu village of Meenachil taluk.(No.38). The kalluvattom kavu is managed by *Mala* Arayans though it is attached to a temple But they in group

reach the kavu during fist to tenth of every Malayalam month and carry out the pooja by themselves . During the pooja they carry out many types of offerings including liquor.This is approved by all and all people of different communities.

**..Dussasanakavu in Kanjirapally.**

Here Non-Brahmins do conduct pooja once in a year . The custodian usually light lamp every day and arrange regular pooja by brahmin priest. This once in a year function is organized by other communities in which various Items like yam, climbing yam and other tubers are cooked and offered to diety.In addition Liquor is also offered to deity.Here the deity Dussasana is placed in the open on a rock in the form of a symbol as can be seen in the picture.



A circle shaped platform is there to keep liquor bottles for offering to deity-  
.See above

## **CHAPTER X**

### **MYTHS AND LEGENDS**

A myth is a story, based on traditional knowledge passed on to generations, which people are inclined to believe depending on their attitude to the subject matter. Although some myths can be accounts of factual events, they have become transformed by symbolic meanings. Myths or stories about sacred groves would be fascinating or even frightening.

A legend is a semi true story, which has been passed on from person to person and has important meaning or symbolism for the culture in which it originates. A legend usually includes an element of truth, or is based on historical facts, but with mythical qualities.

#### **1-Suryakaladi Mana, Kumaranallur -Kottayam.**

##### **Legend.**

This Mana takes its origin in Ponnani tauk .It had links with Navamukunda temple now situated in Thirur taluk near ponnani.This temple was considered to be very powerful and the legend goes that Lord Parasurama during 9<sup>th</sup> century renovated it.Martial art was popularized in this temple.Suryakaladi Mana had excised control over this temple and the powerful status of the temple was attributed to the control of Suryakaladi Mana.The members were Nampoothiriries were brought to Kerala by Brahmin saint Lord Parasurama.

Later one Samuthiri -ruler-did not like the Mana enjoying the high reputation and he took over the control of the temple by himself. Once Thekkumkur Raja visited the Mana and was pleased with the grandeur of the members.At his instance the belitted ,members shifted to Kottayam.Thus this Mana is situated at Nattassery and is famous for its contribution in Austrology, Occult practices (*Manthravatham*) , Sacred practices (

*Thanthram*) and the like. Popular treatise such as *Kerala Mahatmyam and Keralolpathi* refer to this history.

## MYTH

Suryakalady Mana is famous for the myth associated with it as evidenced by various publications including *Aithihyamala* by Kottarathil Sankunni.



Once a Bhatathripad of the Msna proceeded to Thrissur accompanied by another to watch **POORAM** . Enroute they had to pass through an area supposed to be inhabited by Demon Goddess (*yakshi*). Late in the night while they were marching through that part of the way they came across two beautiful women. The women cautioned them about the formidable danger of in continuing the journey and advised them to stay over night in a building they suggested. Bewitched by these women these two stayed in different rooms allotted by the women. Further late ,one women entered the room of Bhattathiripad and killed him invoking their power of demon goddess. When they entered the other room to kill the other, they felt it impossible since that person was keeping with him the holy text **-Devimahatmyam-**

By next morning this person who escaped found himself at the crown of *Karimpana* tree ( *Borassus flabellifer* ) To his surprise he could see the body parts of the companion at the base of next karimpana. This friend had the ordeal of communicating the sad murder of Bhatathiripad to his wife who was pregnant at that time. Later she gave birth to a boy child. When the boy attained 16yrs, he came to know that his father was killed by a demon goddess. He was a paragon of wisdom and he took a vowe to exterminate the race of *Yakshis* . He then began intense tapase to please Lord Surya. Lord Surya appeared before him in the guise of a Brhmin and bestowed upon him all the

secrets and powerful mantras along with a devine text to help in application in rigorous action

Having blessed by Lord Surya, this young Bhattathiripad turned his attention to his life's mission of eliminating the Yakshi who killed his father. Pyre was lighted and mantra was chanted. He could summon the particular demon goddess to the lighted pyre and she was finished there in the *homa*. The exasperated Yakshi cursed the Bhattathiripad that on the 41<sup>st</sup> day he also will meet with his death. At his request she gave absolution on condition that if he could reach Tiruvaloor temple and offer his pryer he will escape the bane.

On another occasion Bhattathiripad tried to evict a *Gandharva* ( Celestial lover) who was in possession of the body of the wife of one Pallibava Peumal by using several cruel methods. The aggrieved *Gandharva* who was husband of formerly sacrificed Yakshi also cursed him with impending death on the 12<sup>th</sup> day of homa. As in the earlier case here also he obtained an absolution. On the day previous to Bhattathiripad's death there was a corporeal (voice from sky) in Thiruvaloor temple ordering the temple doors to be closed early. Bhattathiripad met his tragic end in front of the closed doors of the temple.

Even now this Mana and attached sacred grove is functioning well and this is the main abode of devotees seeking astrology, salvation from epidemics and mental diseases.

## **2. Pandavas -their Exile in Forest**

The Epic Mahabharatha describes the exile of *Pandavas* in the forest for certain years and the concentrated efforts of *Kauravas* to exterminate them by following Pandavas during their exile. There are many evidences to support this belief in some of the sacred groves of Meenachil and Kanjirappally taluk of Kottayam District.

According to the legend , Pandavas during their exile (*Vanavasa*) they reached Bharananganam -the serene place on the banks of Meenachil river surrounded on two sides by river and forests all around. Finding this place an ideal one they built a hermitage there and stayed comfortably. During one of those days the Sage Narada appeared there and directed Sree Yudhishtira to install the idol of Lord Vishnu there and also bring the idol of Lord Rama obtained from Sarayu river and worshipped by Sree Vyasa to be installed there. The legend continues that Sreekrishnaswamy kshetra kavu in

Bharananganam village of Meenachil taluk is stated to be one of the halting places of Pandavas. The head of Pandavas - Yudhishtaran was observing *Ekadasi Vritham*-a ritual, and it was there at this grove he had terminated the ritual in a religious act. In the religious parlance this act is called *Paranameettal*. Locally it is told that the name Bharananganam of the village gradually developed from this act -parana. Sree Bheemasena and Sree Sahadeva obtained the *panchloha vighraha* of Lord Rama from Sree Vyasa with his blessings. On receiving this Sree Yudhishtara made *krishnanjana -sila* with another idol of Lord Vishnu and installed them in the month of *Kumbham*. Sree Yudhistira observed *Ekadasi and Harivarasanam* and consecrated the idol next day. This was followed by the ritual of *Parana* in the river Meenachil passing through the forest locally called *kananam*. The present name-Bharananganam gradually derived from the two words *Parana* and *Kananam*.

The Thevar mala sacred grove in the same Bharananganam village is also said to have occupied by pandavas as mentioned in some of the archeological records. It may be due to the belief that these two sacred groves are well protected. The earlier one, though small, is under a Public Trust. The latter is a large area extending over 11 Acs.

#### Kauravas and planting of Cycas/ phoenix

As stated earlier Kauravas are also stated to have occupied the hills in central Travancore. These 101 kauravas were supposed to have owned 101 hillocks and they followed pandavas. In order to search every hill they used to plant -EENTHA- in every hill they could search pandavas. Later they had to discontinue the search as this plan being slowgrowing did not match with their motto.



**Eantha tree**

As it did not succeed, Kauravas abandoned. But in many of these sacred groves in this region we could locate such trees. Example, Manimalakunnu Dussasana kavu, Kallarayil kavu, Thiruvapallil kavu and the like.

### 3. DOLMEN (*Muniyara*) in Kurunji Kavu.

Dolmen is a type of megalithic tomb used to have constructed in the past in various countries as History records. These were considered to be burial chambers. Usually they were made of using large flakes of rocks on three sides with a similar flake as roof top. Historians hold that these caves were formed in south India during the Iron Age by Buddha and Jain monks for housing or meditating. Such dolmens are plenty even now in Kanthallur region of Marayur (Idukki). Remnants of three such Dolmen are seen now in Kurinji Kavu of Ramapuram Village in Meenachil Taluk.



**Muniyara**

This shows that this sacred grove had been in existence since hundred of years ago. The huge tall trees of Kalmanikkom, Aranthal etc stands to reason. It is believed that Rishis stayed in these dolmens for meditation besides preparing Ayurvedic formulations using medicinal plants for treating local inhabitants. They might have attained *Samadhi* there itself.

### 4. Old Cheriya Kavu. (Destroyed later)-Legend.

This sacred grove of Thalayazham village of Vaikom Taluk is not in existence now. There is a legend prevalent in the region as how it was destroyed. This was situated very near Pthumana Kavu of Thalayazham village-(Id.No. 47)- The Cheriya kavu was a large one supporting thick vegetation including many trees such as arecanut, coconut

palms also. Every season witnessed festival on a large scale in which numerous tender coconuts and aracnut-inflresence were used from the kavu for the festival. To some it was felt as wasting property for luxury and extravagance,

During the period from 1920 to 26 a campaign headed by Sree Narayana Guru spearheading the clearing of sacred groves as they seemed to be the breeding ground of superstitious beliefs. (The Sentinel-2015). He might have noticed the taboo against cutting trees was lost sight of by destroying plants for festivals etc. He then got one tree felled and encouraged the followers to cut the remaining trees. Guru also invoked the idol and moved it some temple. The place where Cheriyaathu kavu stood is now an open space. This story is narrated by the custodian of Puthumanakavu.

### **5. Champakkara kavu (Sri Devitemple.)**

#### **Sacred Grove no.14 of Changanassery taluk.**

Champakkara derived its name from the Malayalam word -*Sampath kara* – which means the land of prosperity. Datable to seventeenth century, the legend says that one *karanavar* of Kaitakkat tharawad visited Sree Bhadrakali shrine of Kodungalloor. He was very much devoted to this Goddess. As usual he had with him an umbrella of palmyra. After his return, he placed his umbrella at a specific place. When he tried to take it back he found it was stuck to the ground. A *prasna*- held by astrologer revealed that Goddess Bhadrakali had accompanied him due to his sincere devotion and for blessing his family. There after the family built a temple and is being managed by the group of families.

## **CHAPTER XI**

### **THREATS & RECOMMENDATIONS**

There are various factors that pose a threat to the survival of some of the SGs. They fall under the following categories.

1. Intention to reduce the extent for self motives.
2. Legal disputes on ownership.
3. Dumping solid waste in the SGs.
4. Damage by invasive species.

#### **1.Reducing extent**

As already pointed out in Chapter VIII above under Cultural Dimensions, Kottayam is one of the main areas where Rubber do flourish. This promoted the tendency to reduce the extent of old sacred groves to such a size making it possible to retain the grove with minimum rituals. That is the reason why there are mostly small groves in spite of the fact that many famous temples exist. One example is Dussasana Kavay in Kanjirappally taluk. This was having a large extent long ago but now reduced to few cents as evidenced by the present existence of Rubber plantations all around it.

In Chirakadavu village of Kanjirappally, tree felling is noticed in Chappamattathil Kavay, apparently for personal motives. At the same time in Karakathara kavay in Vaikom taluk maintained by Kudumba trust, they have purchased 10 cents of adjoining property to make the existing kavay of 12 cents larger. In a similar case though the owners of the grove-Chenat veli kavay of Vaikom – is staying far away they have entrusted the kavay with local people to maintain it regularly. Also they send the expenses to the latter.

## **2. Legal disputes**

This is not prominent in this district. We could come across only one case Keettapurathu kavu in Vaikom taluk ( No. 76) where a court case is pending. The kavu is being maintained.

## **3. Dumping Solid Waste.**

There are some SGs which are very close to congested residential and commercial places. Dumping solid waste into SGs is not uncommon particularly when there is no boundary wall. In such cases fire damage, damage to regeneration and even feeling of aversion among devotees are the ill effects. This happens in those sacred groves where programs particularly festivals do take place on large scale.

## **4. Damage by invasive species.**

A number of climbers such as, *Cissus repens*, *Acacia intsia*, etc pose a threat to the regeneration and further growth of the important plants as noticed in Vellilapally Kavu in Meenachil taluk (No.24). This SG is now abandoned.

## **5. Financial stringency.**

**In some families there may be financial problems making them very difficult to maintain the Kavu while they have faith in it. Vadakkedathu kavu of 1 cents in Kottayam taluk ( No.36 ) is one such example. Here they light lamp daily and that ends with every ting.**

## **Recommendations**

1. Separate project for Central Assistance to Sacred Groves.

Financial grant for maintenance of sacred groves received from Government of India is being distributed to the custodians of sacred groves. The present allotment is naturally very low when compared to the actual number of SGs in Kerala. According to the recorded information with Government (refer. website on sacred groves ) the total

number is 1500. By now with the results coming out of IFK's study, it is evident that the number is much more. More over forest department had no authentic data on the total extent of vegetation under SGs in the state except those recorded in four districts by IFK.. It is high time that KFD has to come out with detailed proposals for central grant to the custodians who have been protecting these natural patches rendering valuable and intangible contribution to bio-diversity.

## **2. Awareness Campaign.**

Social Forestry wing or Bio-diversity wing of KFD should consider planning awareness programmes in conservation of sacred groves for the benefit of the public & Custodians of sacred groves particularly regarding hygiene of the grove and premises. Present status and importance of sacred groves should be one in the agenda for extension activities targeted on students.

## **3. Production of quality seedlings of plants.**

Social forestry wing may also consider producing quality seedlings of species which are essential trees and other plants as would be emerged from this report.

## **4. Dealing with invasive species.**

This is posing a major threat to the existence of sacred groves. Removal and preventing further growth of invasive species is very essential. But the methods to bring about this task without affecting the general structure and ritual concepts have to be designed by a team of forest officials and scientists conversant with this issue may be ideal.

## **5. Ensure fair distribution of grant-**

When grants are distributed to SGs, it has to be ensured that the process is made as fair as possible by verification by a superior. Details if any required can be gathered from IFK in districts where field study has been completed. Poorly maintained SGs if any may be considered only if improvement is ensured.

## **6. Publicity for data collected.**

In order to bring the Id numbers of the sacred groves to the notice of all custodians concerned, department may take action for publicity in the press and social media.

**7. Research studies.**

The following studies by a research wing may be considered.

- i. Natural regeneration of various plants in SGs.
- ii. Role of fauna like termites, bats, and many frequenting birds.
- iii. Identifying keystone species.
- iv. Detailed study on soils in Sacred Groves.

**8. Sharing Data.**

The knowledge gained in carrying out studies on sacred groves may have to be shared with other related organizations within and outside the forest department including Biodiversity Board, Department of Science and technology and other stake holders since such information is required for the benefit of the people as a whole.

**9. Recognition on contribution for Carbon Sequestration.**

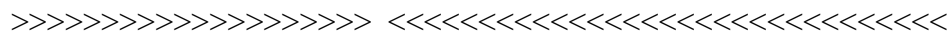
. Above all it is necessary to recognize the service of the custodians in the appropriate manner and give them enough encouragement for the valuable amount of carbon sequestration being contributed by them.

**10. Intervention by Government.**

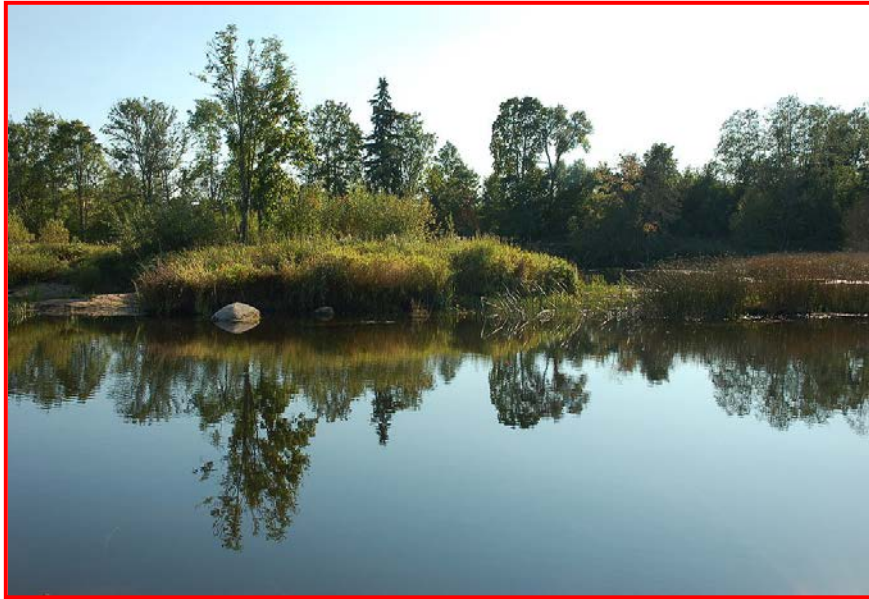
The sacred groves are being well protected and conserved in general by the custodians without any legal enforcement. Therefore any intervention in the affairs of these sites by Forest Department or Government need to be planned and designed with caution not to disturb the freedom of custodians as it is a sensitive issue.

**Bibliography**

- 1.Dr. P.N.Nair & C.S.Nair-Forest Plants of Kerala.
- 2.KFRI-Non-Wood Forest plants of Kerala.
- 3.KFRI-Study on Medicinal Plants of Kerala.
- 4.Dr. S. Nesamony, Medicinal Plants.
- 5.H.Pandey, Shillong-Sacred Forest, Their Ecology and Diversity.
- 6.Dr. D.J.Mabberley-Tropical Rain Forest Ecology.
- 7.INSIA,New Delhi-Cultural and Ecological Dimentions of Sacred Groves in India.
- 8.Sivakumar.K.P.Akhila .S.Nair & Jaya-A Review of Sacred Groves in India.
- 9.M.L.Khan-The Sacred Groves and Their Significance.
- 10.Wikipedia-Sacred Groves in India and in History.
- 11.Dr. P.J.Sanjeeva Reddy-Conservation of Keystone species.
- 12.Wikipedia-Role of termites.
- 13.E.D.Israel Oliver King and Others-Sacred Grove Tradition & Ecological Heritage.
- 14.B.Arulanathan-Sacred Groves under Threat.
- 15.IFK-Study on Sacred Groves of Thiruvananthapuram District.
- 16.Temples of Kottayam District.- Sri. S. Jayashanker.
- 17.Adiverukal-Dr.John Ochantheeruth.
- 19.Fungal flora of tropical river banks.U.C. College Aluva

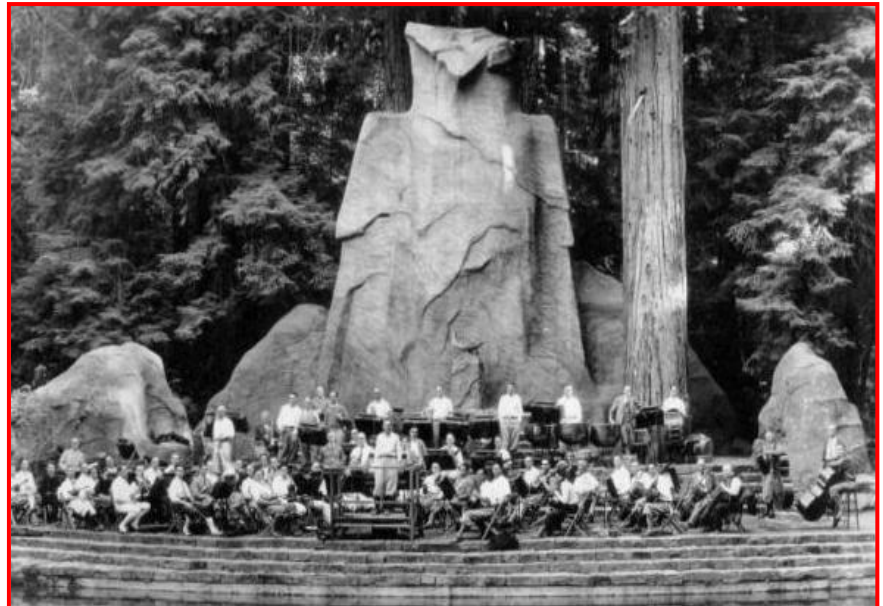


*Plate I*

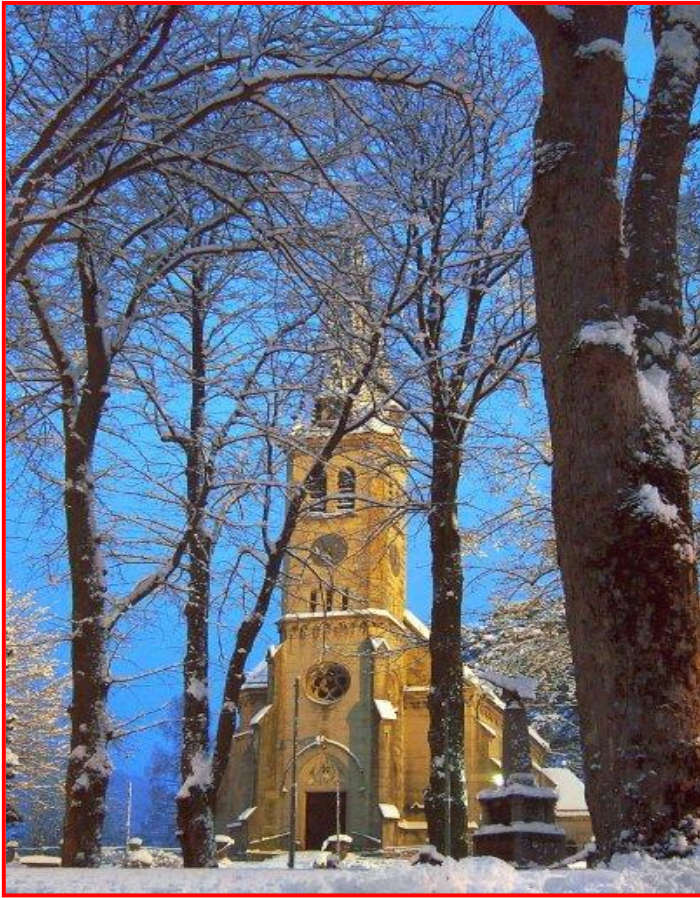


*1.Sacred Grove Island  
Estonia. Baltic states-  
Europe*

*2Bohemain Grove-a  
Sacred Grove in  
California..*



*3.Osun-Osogbo Sacred  
Grove-Nigeria-  
UNESCO-World  
Heritage Site 2005*



*4Grove in front of the church in weissenbach an der Triesting.*

*5.Sacred grove in Caucasus mountains (Russia) .*



1..VazhappallyKhetrakavu- 5cents  
Changanassery



2 Kallarvayalil-kavu-10 cents  
Kanjirapally



3A view of Eesanathukavu with  
gregarious growth of  
Hopeaparviflora trees



4.Olur kavu-Njeezhoor village

Vaikom taluk

20 cents

5.Paruvakatt kavu-68 cents

Changanassery taluk



6.Eesanathukavu- 2.60Acs.

Changanassery taluk



7.Plapra Sarpa-Gandharva  
Kavu-Changanassery.50 cents

8.Kurinjikavu in Meenachil taluk  
2.75 Acrs.



9.Thevaramala kavu- 11 Acrs.  
Meenachil taluk

# Trees



1. *Barringtonia racemosa* (*samudrakkai*)

Eesanakkavu-Changanassery.



2. *Antiaris toxicaria* (*Maravuri*) Kurinjikavu



3. *Strombosia* (*kalmanikkam*) in  
Manimaladevikavu-Kanjirapally



4. *Strombosia ceylanica* (*kalmanikkam*)

Kurinjikavu -- Meenachil

# Trees

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5. *Cycas circinnalis* (*Eeanth* )-



6. *Lanea coromentalica*-*Uthi*-Chettiyil-

7. *Nothopegia racemose*-( *Naicheru*)

NgampuzhimanaVaikom



8. *Schleichera oleosa* ( *Poovam*)

Kurinjikavu.

# Shrub

---



1. Cayratia pedata

Nagampuzhimana-Vaikom

2. Anidesma acidium

Asaripuli

Kurinjikavu-Meenachil



3. Alangium salvifolium (Ankolam)

With fruits.

Paruvakkattukavu

-Changanassery.



## Shrub

---



4. *Chassalia curviflora*-(*Vellakurinji*)

Paruvakattkavu-Changanassery

5. *Fagraea ceilanica*-(*modakam*)

Nagamuzhimana-Vaikom



6. *Hedychium coronarium*-(*saugandhikam*)

Eeasanathukavu- Changanassery



# Climbers

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1. Croton caudatus

2. Derris trifoliata

Kizhakechirakavu-Vaikom



b



3. Uvariam narum

Narumpanal

Eeasanakavu-

## Climbers

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4. *Quisqualis malabarica*

Plaprasarpakavu



5. *Spathalobus purpureus*

*Plassivally-Dussanakavu*

Kanjirappally



6. *Anamirta cocculus*

Thiruvapallikavu

Kanjirapally

# Climbers

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7. Tetraceraakara. Kallaravayalilkavu



8. Hibiscus hispida- Kizhechirakavu, Vaikom

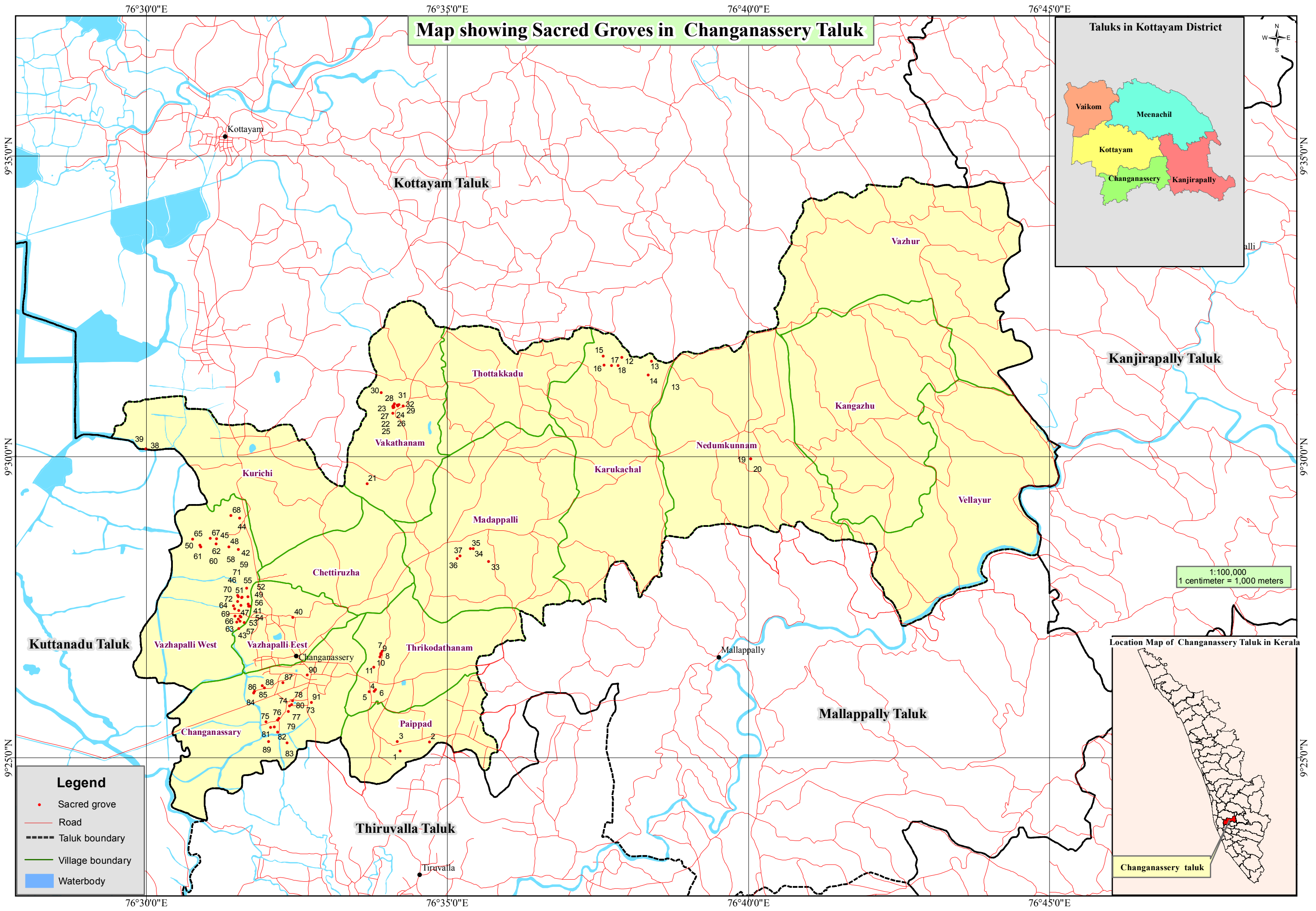
9. *Derris scandens*  
Kizhechirakavu



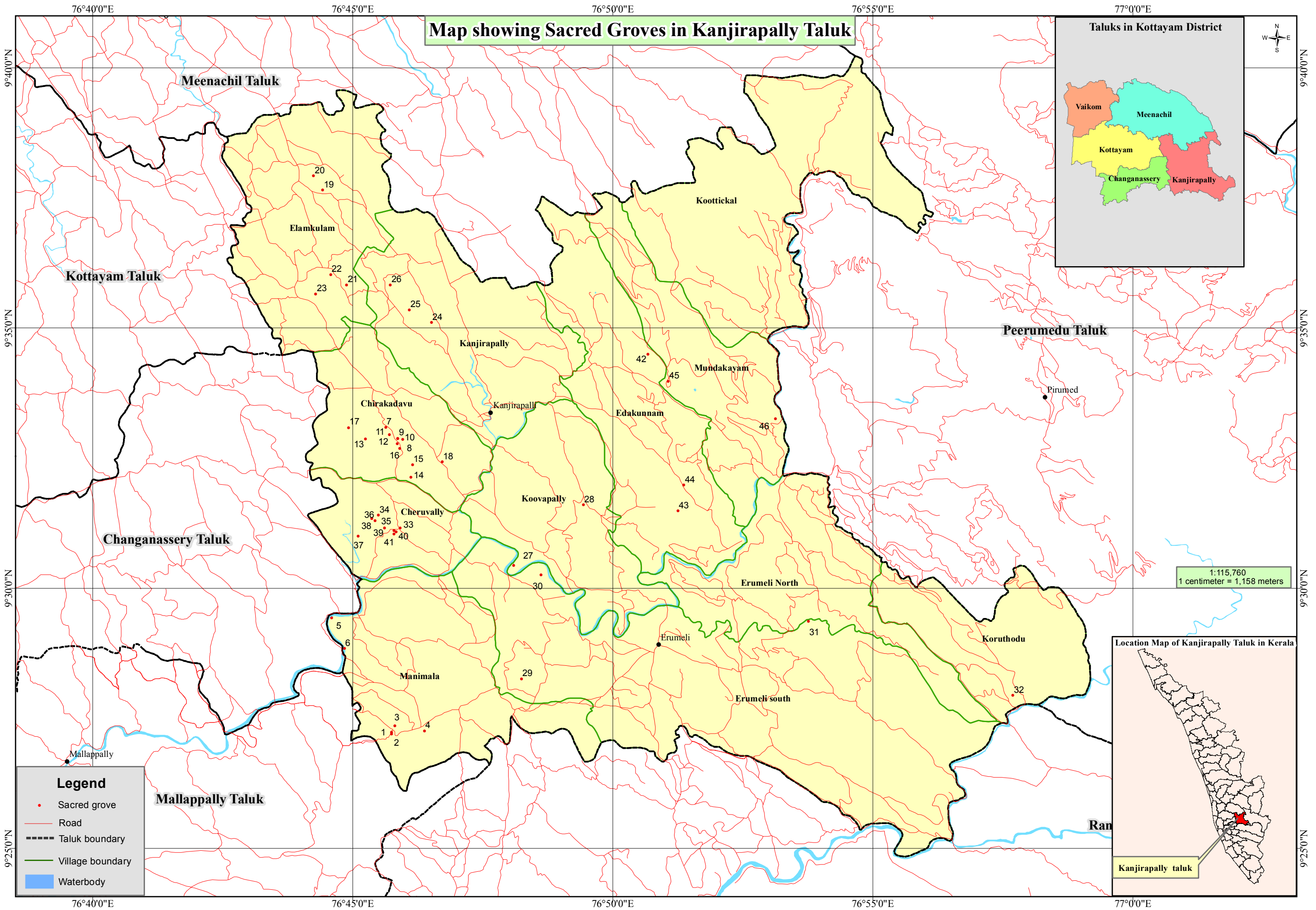
10. Vernonia cinera—Herb

Kizhechirakavu

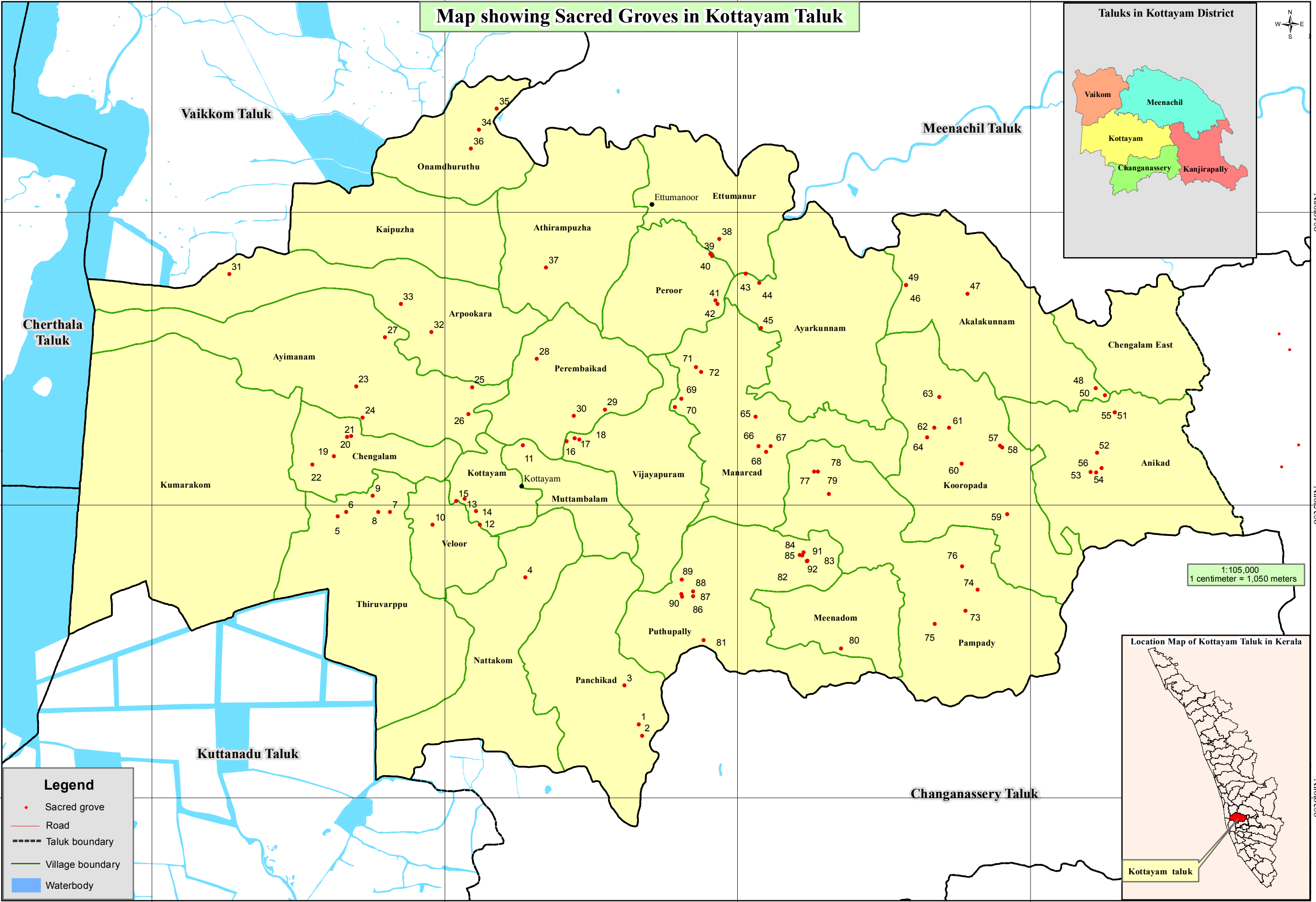
# Map showing Sacred Groves in Changanassery Taluk



# Map showing Sacred Groves in Kanjirapally Taluk



# Map showing Sacred Groves in Kottayam Taluk

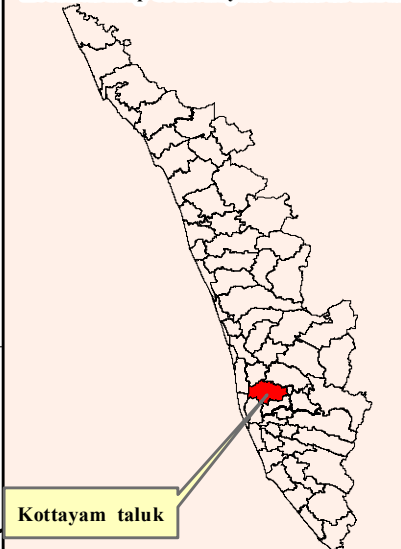


Taluks in Kottayam District



1:105,000  
1 centimeter = 1,050 meters

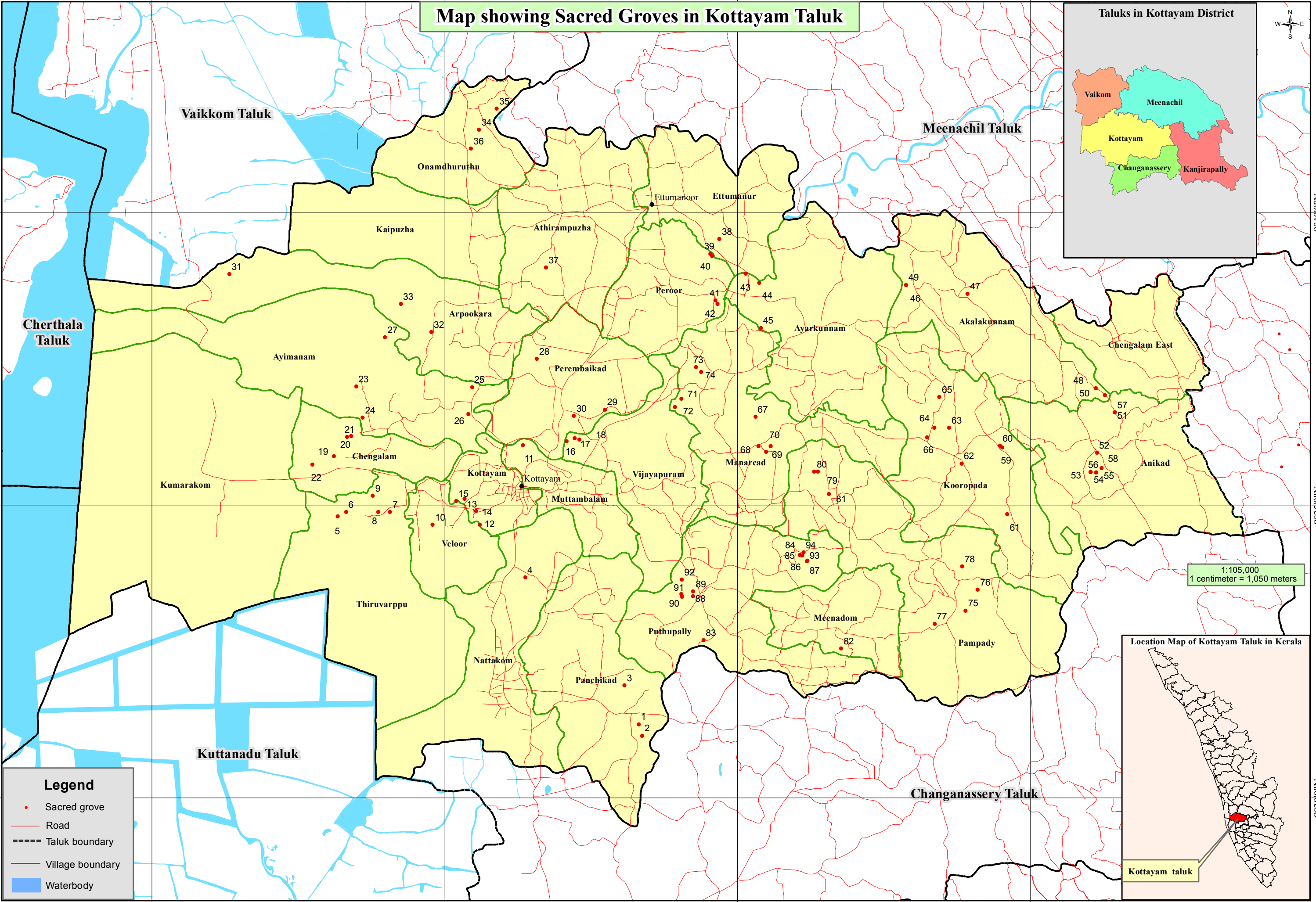
Location Map of Kottayam Taluk in Kerala



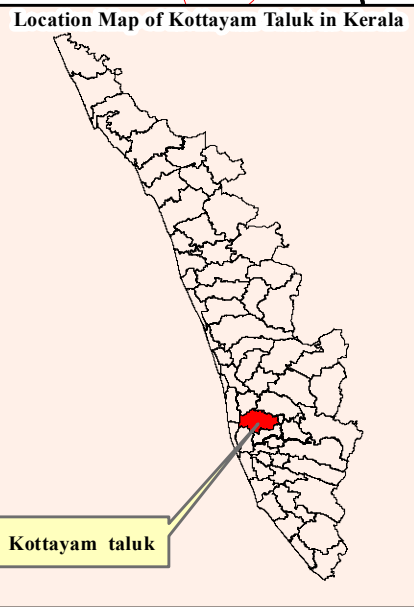
**Legend**

- Sacred grove
- Road
- Taluk boundary
- Village boundary
- Waterbody

# Map showing Sacred Groves in Kottayam Taluk

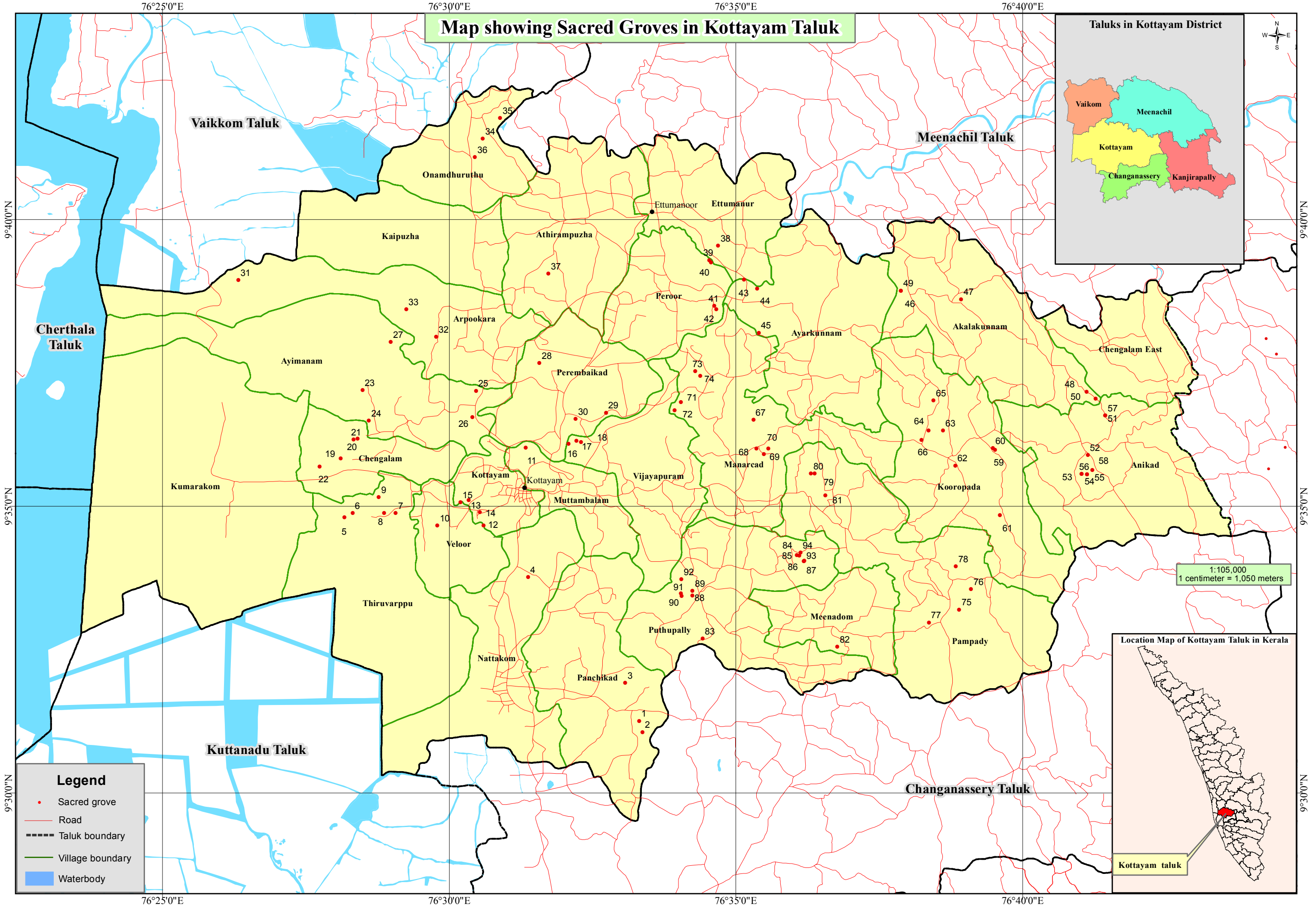


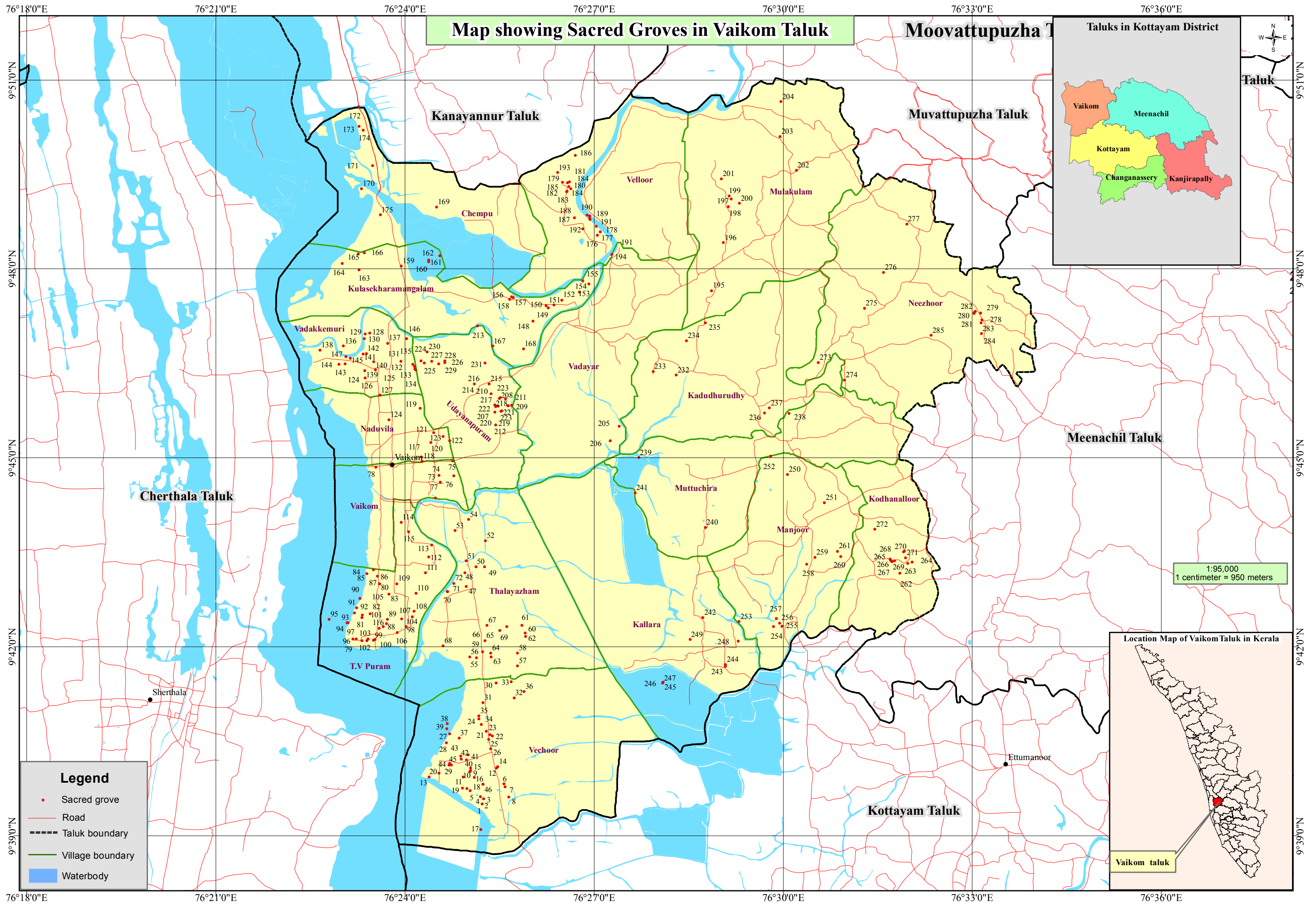
1:105,000  
1 centimeter = 1,050 meters



**Legend**

- Sacred grove
- Road
- Taluk boundary
- Village boundary
- Waterbody





**CHANGANASSERY TALUK**

Kavu No KTM/ Chry	Name of Kavu & Type of Ownership	Contact details of Owner/Custodian/ Management	Location & Panchayath	Sy.No.	Extent (Cents)	Diety / Pooja Details	GPS reading	Remarks Compound Wall Fence/pond
1	2	3	4	5	6	7	8	9
<b>1. PAYIPPADU VILLAGE</b>								
1	Powathilayamoolayilsarpakavu (Kudumbha kavu )	Valsalakrishnan Mob:	Puthencav Payippadu		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 25'06.7" E 76 <sup>0</sup> 34'12.9"	
2	Tayyattukudumbhakavu (Kudumbhakavu)	Prabhakaran Mob:8592934901	Puthencav Payippadu		4.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 25'15.6" E 76 <sup>0</sup> 34'42.0"	
3	Komalloorkavu (Kudumbhakavu)	Valsala Mob:9061558323	Puthencav Payippadu		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 25'15.8" E 76 <sup>0</sup> 34'10.3"	
<b>2. THRIKODITHANAM VILLAGE</b>								
4	Kondayilkudumbhakavu (Kudumbhakavu)	Sreenivasan	Thrikodithanam Thrikodithanam	72/14	12.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'05.6" E 76 <sup>0</sup> 33'42.0"	Pond(dug)
5	Chandhirathilkudumbhakavu(K udumbhakavu)	Jayakumar Mob: 9497663247	Anjilivelikulam Thrikodithanam		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'06.1" E 76 <sup>0</sup> 33'47.0"	
6	Chandhirathilkudumbhakavu(K udumbhakavu)Bit II	Jayakumar Mob: 9497663247	Anjilivelikulam Thrikodithanam		7.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'07.6" E 76 <sup>0</sup> 33'48.4"	
7	Kaippuzhaillamvakasarpakavu( Kudumbhakavu)	Harikumar.K.M Mob: 9447157862	Kottasery Thrikodithanam	291/16	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'46.2" E 76 <sup>0</sup> 33'54.7"	
8	Iradathu illamvaka sarpakavu (Kudumbhakavu)	Saji.G Mob: 9744802971	Kottassery Thrikodithanam	261/3-1	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'40.3" E 76 <sup>0</sup> 33'52.9"	
9	Iradathu illamvaka sarpakavu Kudumbhakavu)	Narayananpotti Mob:	Kottassery Thrikodithanam		7.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'43.7" E 76 <sup>0</sup> 33'53.8"	
10	Kondurkudumbhakavu (Kudumbhakavu)	Mohandas Mob: 9446093755	Mukkattupadi Thrikodithanam		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'42.4" E 76 <sup>0</sup> 33'53.6"	
11	Perincheril sarpakavu (Kudumbhakavu)	Rajagopalapilla Mob: 9400941365	Mukkattupady Thrikodithanam		20.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'30.1" E 76 <sup>0</sup> 33'46.8"	

**CHANGANASSERY TALUK**

<b>3. KARUKACHAL VILLAGE</b>							
<b>KTM/ Chry/ 12</b>	Chambhakaradevikshethra m(N.S.S. Karayogam)	MadhusudhananNair.K.S Mob: 9747785381	Champakara Karukachal		70.00	Devi, Balabhadira, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 31'38.7" E 76 <sup>0</sup> 37'53.8" Natural Pond
13	Ulladukavu (Kudumbhakavu)	Vishakkumar Mob: 8606610040	Champakara Karukachal		35.00	Balabhadira, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 31'34.9" E 76 <sup>0</sup> 38'23.6"
14	Manimalathazhekudumbh akavu(Kudumbhakavu)	Satheeshkumar Mob: 9446924653	Champakara Karukachal		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 31'21.5" E 76 <sup>0</sup> 38'20.1"
15	Vadakettukudumbhakavu (Kudumbhakavu)	Santhosh Mob: 9497088856	Asramam Jn Karukachal		7.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 31'40.3" E 76 <sup>0</sup> 37'35.4"
16	Mangalathukavu (Kudumbhakavu)	Thankkama Ph: 0481 2486462	Champakara Karukachal		6.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 31'31.4" E 76 <sup>0</sup> 37'36.2"
17	Kaithakkattukavu (Kudumbhakavu)	Prabhakarapuruppu Mob: 9496948592	Thommachery Karukachal		15.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 31'31.0" E 76 <sup>0</sup> 37'43.7" CW
18	Elangikkalkudumbham (Kudumbham)	Sunil	Champakara Karukachal		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 31'30.8" E 76 <sup>0</sup> 37'50.1" CW
<b>4. NEDUKUNNAM VILLAGE</b>							
19	Thuruthipalli Bhagavathikshethram (Kudumbhacommittee)	Sasikumar Mob: 9562587482	Nedumkunnam Nedukunnam		30.00	Bhagavathi	N 09 <sup>0</sup> 29'57.5" E 76 <sup>0</sup> 40'02.1"
20	Thuruthipalli Bhagavathikshethram (Kudumbhacommittee)	Sasikumar Mob: 9562587482	Nedumkunnam Nedukunnam		20.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 29'58.2" E 76 <sup>0</sup> 40'02.1"
<b>5. VAKATHANNAM VILLAGE</b>							
21	Rapuzha ayyapakshethrakavu(Dew asam Board)	ShivanKutti Mob: 9847138536	Sasthankav Vakathanam		50.00	Shivan, Bhadira, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 29'32.9" E 76 <sup>0</sup> 33'39.9" CW Pond(dug)
22	Kottaram bhagavathi (N.S.S.Karayogam)	Gopakumar Mob: 9447660536	Sasthamkav Vakathanam		10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 30'43.1" E 76 <sup>0</sup> 34'05.6" CW
<b>23</b>	Pattathilkudumbha (Kudumbhakavu)	Sreekumar.S Mob: 9447126567	Sasthamkav Vagathanam		10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 30'49.0" E 76 <sup>0</sup> 34'06.1"

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KTM/ Chry/ 24	Edaman illam (Kudumbhakavu)	Santhadevi	Vakathanam Vakathanam		5.00	Nagaraja, Nagayakshi	N 09° 30'51.5" E 76° 34'10.0"	
25	Puthanmadam (Kudumbhakavu)	Narayanapaniker.P.V Mob: 8547421514	Vakathanam Vakathanam		3.00	Nagaraja, Nagayakshi	N 09° 30'52.6" E 76° 34'07.3"	CW
26	Pulivelil kudumbhakavu (Kudumbhakavu)	Dileepkumar Mob: 9526041219	Sasthankal Vakathanam		5.00	Nagaraja, Nagayakshi	N 09° 30'49.5" E 76° 34'06.9"	
27	Pullukottukudumbhakavu (Kudumbhakavu)	Sugosh G.Pillai Mob: 9496465135	Vakathanam Vakathanam		3.00	Nagaraja, Nagayakshi	N 09° 30'50.1" E 76° 34'05.7"	
28	Sasthangal ayyapa kshethram (TDB)	Prasanthan Mob: 9847421514	Vakathanam Vakathanam		30.00	Ayyappan	N 09° 30'51.0" E 76° 34'06.6"	Pond dug CW
29	Puliveli kudumbhakavu (Kudumbhakavu)	Dileepkumar Mob: 9526041219	Vakathanam Vakathanam		4.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09° 30'50.8" E 76° 34'10.4"	
30	Panakkalkavu sreebhagavathikshethram (Dewasam Board)	Chellappan. E.S	Sasthankal Vakathanam		40.00	Nagaraja, Nagayakshi, Bhagavathi	N 09° 31'03.7" E 76° 33'54.1"	
31	Kallampallimadam (Kudumbhakavu)	Dhrowpathi Mob: 9447127030	Hospital jn Vakathanam		15.00	Nagaraja, Nagayakshi Chithrakoodam	N 09° 30'52.1" E 76° 34'11.8"	Pond natural
32	Palakottu neelamanailam (Kudumbhakavu)	Shambhu Nabhootheri Ph: 0481 2463645	Sasthankal Vakathanam		5.00	Nagaraja, Nagayakshi Chithrakoodam	N 09° 30'50.8" E 76° 34'15.8"	
<b>6. MADAPALLI VILLAGE</b>								
33	Kondoormoorthi Shetrakavu(Trust )	Premachandhiran Mob : 9495081162	Poovathummood Madapalli		20.00	Bhagavathi, Nagaraja, Nagayakshi	N 09° 28'15.4' E 76° 35'40.8"	
34	Piraliyil illamvakasarpa kav (Kudumbhakavu)	P.N. Balakrishnannaboothiri Mob:9495314183	Poovathummood Madapalli	282/1	10.0	Chithrakoodam, Nagaraja, Nagayakshi	N 09° 28'28.3" E 76° 35'25.9"	Pond dug
35	MadapalliSreebhagavathi shetrkavu shetra kavu (Desham vaka)	Vinod, Secretary Mob : 0481 2472304	Poovathummood Madapalli		20.00	Bhagavathi, Nagaraja, Nagayakshi	N 09° 28'28.3" E 76° 35'22.9"	Pond dug CW
36	Valiyaveettikudumbham (Kudumbhakshethram)	Sathiyamma Mob: 9447145178	Perumpamachi Madapalli		60.00	Devi, Shastha, Gandharvan	N 09° 28'18.7" E 76° 35'09.7"	
37	Valiyaveettikudumbhaksh ethram Bit II (Kudumbhakshethram)	Sathiyamma Mob: 9447145178	Perumpanachi Madapalli		40.00	Nagaraja, Nagayakshi	N 09° 28'21.1" E 76° 35'12.5"	

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7. KURICHI VILLAGE								
KTM/ Chry/ 38	Perumpozhippurathu Illam vaka Kavu (kudumbakavu)	Kesavan Nampoothiri 9447403846	Neelamperoor Kurichi		05.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 30.362' E 76 <sup>0</sup> 30.792'	Pond
39	Idanad Sree Indalayyappan Swami Kshethra Kavu (Kudumba trust)	P.K. Sreedhran Sarma 9447403846	Kurichi Kurichi		05.00	Nagaraja, Nagayakshi Chithrakoodam	N 09 <sup>0</sup> 30.406' E 76 <sup>0</sup> 30.704'	CW
8. VAZHAPALLI VILLAGE								
40	Morkulangara bhagavathikshethram (DewasamBoard)	Dewasam Manager	Madhumoola Changanassery Municipality		400.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 27'19.8'' E 76 <sup>0</sup> 32'26.0''	Pond (dug)
41	Kolancherry Madam Sarppakavu(Kudumbakav)	Manoj.R Mob :	Vazhappalli Changanassery Municipality		10.00	Nagaraja, Nagayakshi Chithrakoodam	N 09 <sup>0</sup> 27'30.8'' E 76 <sup>0</sup> 31'43.5''	Natural Pond
42	Cheruvallikavu (N.S.S. Karayogam)	P.V.Radhakrishnan Mob : 9447259320	Thuruthi Jn Vazhapalli		70.00	Nagaraja, Nagayakshi Devi	N 09 <sup>0</sup> 28'27.5'' E 76 <sup>0</sup> 31'31.8''	
43	Kunnampallikudam (Kudumbakavu)	Shivadas Mob : 9947439173	Madhumoola Jn Changanassery Municipality		3.50	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 27'08.5'' E 76 <sup>0</sup> 31'32.4''	
44	Eeshanathukavu (N.S.S. vaka)	Sukumaran.K Mob : 9744219857	Punnamood Vazhapalli		260.00	Shivan,Krishnan, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 28'58.8'' E 76 <sup>0</sup> 31'32.9''	Pond Dug CW
45	Madathiparambhil (kudumbakavu)	Vijaya Mob : 9967327909	Punnamood Vazhapalli		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 28'38.3'' E 76 <sup>0</sup> 31'10.1''	
46	Kunnampallikudam (Kudumbakavu)	Aanandhakumar Mob:9645678244	Palathara Jn Changanassery Municipality		3.00	Nagaraja, Nagayakshi, Moolasarpam	N 09 <sup>0</sup> 27'40.2' E 76 <sup>0</sup> 31'41.2''	
47	Madathil kavu (Kudumbakavu)	Krishnannabhoothiri Mob : 9447662643	Madhumoola Jn Changanassery Municipality		3.50	Nagaraja, Nagayakshi,	N 09 <sup>0</sup> 27'30.9'' E 76 <sup>0</sup> 31'42.0''	CW
48	Thazhathedathukudumbha (Kudumbakavu)	Logesh Mob : 9447660440	Punnamood jn, Vazhapalli		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 28'29.9'' E 76 <sup>0</sup> 31'22.3''	

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KTM/ Chry/ 49	Manthanathukavu (Kudumbhakavu)	Geethagopakumar Mob : 9946041860	Vazhappalli Changanassery Municipality		8.00	Nagaraja, Nagayakshi	N 09° 27'35.6" E 76° 31'31.0"	Pond dug
50	Malleekkal madam (Kudumbhakavu)	Krishnannabhoothiri Mob : 9446821368	Vazhapalli Vazhappalli	315/6A	8.00	Nagaraja, Nagayakshi	N 09° 28'31.9" E 76° 30'53.6"	
51	Arthil sreedhurgabhagavathi (Kudumbhakavu)	K.M.Eeswarannamboothiri Mob : 9495174431	Vazhapalli Changanassery Municipality	164/1	40.00	Nagaraja, Nagayakshi, Durgadevi	N 09° 27'39.3" E 76° 31'35.0"	Natural Pond CW
52	Devaloka kailasanadhashethram (N.S.S karayogam)	MuraleedharanNair Mob : 8547460900	Vazhappalli Changanassery Municipality		85.00	Nagaraja, Nagayakshi, Mahadevan	N 09° 27'49.0" E 76° 31'40.0"	Pond dug
53	Kellamattukudumbhakavu (kudumakavu)	Hareesh Mob : 9567428049	Madhumoola Changanassery Municipality		10.00	Nagaraja, Nagayakshi	N 09° 27'20.9" E 76° 31'33.3"	
54	Melezhathu kudumbhakavu (Kudumbhakavu)	Ambhikadevi	Madhumoola Changanassery Municipality	181/11 A	7.00	Devi,Aiswariyagandha rvan	N 09° 27'20.0" E 76° 31'34.1"	
55	Kalarikkalkunelsarpakavu (Kudumbhakavu)	Unnikrishnapillai Mob : 9447810149	Vazhapalli Changanassery Municipality	16/1 16/2	37.00	Nagaraja, Nagayakshi, Uthamasarpam	N 09° 27'31.6" E 76° 31'34.2"	
56	Kizhakemadasarpakavu (Kudumbhakavu)	Jayaram Mob : 9447040477	Madhumoola Changanassery Municipality		10.00	Nagaraja, Nagayakshi,	N 09° 27'32.9" E 76° 31'41.5"	
57	Vazhapall isreemahadevakshethram (Dewasam Board)	Babu.S.Prasad Mob : 9495048339	Madhumoola Changanassery Municipality		60.00	Ganapathi, Nagaraja, Nagayakshi,	N 09° 27'14.7" E 76° 31'37.5"	Pond dug CW
58	Undachadathu (Kudumbhakavu )	Sathidevi Mob : 9895025913	Madhumoola Changanassery Mun.		7.00	Chithrakoodam, Nagaraja, Nagayakshi	N 09° 27'26.6" E 76° 31'32.4"	
59	Areethara (Kudumbhakavu)	Satheeshan Mob : 9544495902	Panamood Vazhapalli		5.00	Nagaraja, Nagayakshi	N 09° 27'40.0" E 76° 31' 35.4"	

**CHANGANASSERY TALUK**

<b>KTM/ Chry/ 60</b>	Sreepappadi hanumankshethram (kudumba trust)	Radhakrishnamenon Mob :	Madhumoola Changanassery Municipality		50.00	Hanuman, Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 27' 21.1" <b>E</b> 76 <sup>0</sup> 31' 28.6"	Pond dug CW
61	Puthumana illamvakasarpakavu(Kudu mbhakavu)	SubhramanniyanNabhoothiri Mob: 9544975196	Punnamood jn Vazhapalli	72/29C	6.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 28'30.2" <b>E</b> 76 <sup>0</sup> 30'54.5"	
62	Thottayikudumbhakavu (Kudumbhakavu)	Sureshbabu Mob: 8547818258	Althara Jn Vazhapalli		4.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 28'32.8" <b>E</b> 76 <sup>0</sup> 31'09.4"	
63	Mundiyoorillam (Kudumbhakshethram)	Mahesh.N.Nabhoothiri Mob: 9496849323	Madhumoola Changanassery Municipality		15.00	Bhagavathi, bhadhirakali	<b>N</b> 09 <sup>0</sup> 27' 15.3" <b>E</b> 76 <sup>0</sup> 31' 30.2"	Natural Pond
64	Panamuttathukudumbhak avu(Kudumbhakavu)	P.R.Radhakrishnan Mob: 9446083242	Kuttiserikadav Changanassery Municipality		12.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 27'28.4" <b>E</b> 76 <sup>0</sup> 31'28.1"	
65	Parathikattil (Kudumbhakavu)	Aravindhakashan Mob: 9447780515	Punnamood jn Vazhapalli		5.00	Nagaraja, Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 28'38.0" <b>E</b> 76 <sup>0</sup> 30'46.3"	
66	Paruvakkattu (Kudumbhakavu)	Subhadhirathankachi Mob: 9497510609	Madhumoola Changanassery Municipality		80.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 27'16.1" <b>E</b> 76 <sup>0</sup> 31'33.3"	
67	Puthettusarpakavu (Kudumbhakavu)	Manojkumar Mob: 9495510320	Thuruthi Vazhapalli	299/13- 3	5.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 28'38.8" <b>E</b> 76 <sup>0</sup> 31'03.9"	Pond dug
68	Sreedharmashathakshethr am(Thottai Trust)	Sureshraj Mob: 9847498684	Thuruthi Vazhapalli		50.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 28'61.4" <b>E</b> 76 <sup>0</sup> 30'84.6"	Pond dug CW
69	Sreekalkulathukavu (Bhagavathi Trust)	Balakrishnapillai Mob: 9605895112	Madhumoola Changanassery Municipality		55.00	Devi, Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 27'17.9" <b>E</b> 76 <sup>0</sup> 31'31.8"	Pond dug
70	Arikkattukudumbhakavu (Kudumbhakavu)	P.R. Raveendhiran	Madhumoola Vazhapalli		12.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 27'41.7" <b>E</b> 76 <sup>0</sup> 31'31.1"	Pond dug
71	Arikkattukudumbhakavu (Kudumbhakavu)	Usha	Madhumoola Vazhapalli		5.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 27'40.3" <b>E</b> 76 <sup>0</sup> 31'31.8"	Pond dug
72	Valiyaveettimadam Kudumbakav)	Satheeshan	Madhumoola Vazhapalli		12.00	Nagaraja, Nagayakshi, chithrakoodam	<b>N</b> 09 <sup>0</sup> 27'31.1" <b>E</b> 76 <sup>0</sup> 31'26.8"	

**CHANGANASSERY TALUK**

9. CHANGANASSERY VILLAGE									N 09° 27'
KTM/ Chry/ 73	Edamanallamvaka (Kudumbakavu)	Girishkumar Mob :	Madhumoola Jn Changanassery Municipality		10.00	Nagaraja, Nagayakshi	N 09° 25'56.8" E 76° 32'25.8"	CW	
74	Perunnasubhrammaniyasw amikshethram (DewasamBoard)	Sureshkumar Mob: 9447021981	Perunna Changanassery Municipality		200.00	Nagaraja, Nagayakshi	N 09° 25'52.6" E 76° 32'24.7"	Pond (Dug)	
75	Payyanppallil (kudumbakavu)	Keshavachandhiran Mob : 9447145243	Perumpuzha kadav Changanassery Municipality		40.00	Nagaraja, Nagayakshi	N 09° 25'35.7" E 76° 31'59.2"		
76	Plapra sarpakavu (kudumbakavu)	Harikrishnan Mob : 7034441266	Perunna Changanassery Municipality		60.00	Nagaraja, Nagayakshi	N 09° 25'37.5" E 76° 32'11.0"	CW	
77	Vadakeillamvaka (kudumbakavu)	Eeaswarannampoothiri Mob : 9446485605	Perunna Changanassery Municipality		10.00	Nagaraja, Nagayakshi	N 09° 25'45.8" E 76° 32'21.6"		
78	Thamarasweryillam (kudumbakavu)	Pradeepkumar Mob : 9605413767	Perunna Changanassery Municipality		10.00	Nagaraja, Nagayakshi	N 09° 25'51.3" E 76° 32'22.7"	Pond dug	
79	Vattakattukudumbhakavu (kudumbakavu)	Remeshbabu Mob:9495394476	Perunna Changanassery Municipality		12.00	Nagaraja, Nagayakshi	N 09° 25'39.1" E 76° 32'12.1"	Pond dug	
80	Vazhapadathukudumbhakav u(kudumbakavu)	Raju.P.S Mob : 9961443492	Perunna Changanassery Municipality		16.00	Nagaraja, Nagayakshi	N 09° 25'30.5" E 76° 32'07.4"		
81	Vazhapadathukudumbhakav u(kudumbakavu) Bit II	Raju.P.S Mob : 9961443492	Vallikav Changanassery Municipality	B/0-211	20.00	Nagaraja, Nagayakshi ,	N 09° 25'29.8" E 76° 32'03.8"	Pond dug	
82	Kulathilkadavu (kudumbakavu)	Vineesh Omanakuttan Mob : 9747153316	Kakkatukadav Changanassery Municipality		5.00	Devi, Nagaraja, Nagayakshi	N 09° 25'25.3" E 76° 32'10.7"		

**CHANGANASSERY TALUK**

KTM/ Chry/ 83	Sree Vikundeshara santhanagopalamoorthi kshethram(Kudumbakavu)	A.N.RajapanPillai Mob : 9961177686	Market Rd Changanassery Municipality		60.00	Mahavishnu,Nagaraja, Nagayakshi	N 09 <sup>0</sup> 25'14.6" E 76 <sup>0</sup> 32'20.3"	CW
84	Vettadi vazhanakulangarakshethrm (N.S.S.Karayogam)	GopalakrishnanNair Mob : 8547548003	Market Rd Changanassery Municipality		35.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'04.3" E 76 <sup>0</sup> 31'47.1"	Pond dug CW
85	Kottanadukudumbhakavu (Kudumbhakavu)	P.Harikumar Mob: 9446203393	Market Rd Changanassery Municipality		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'11.4" E 76 <sup>0</sup> 31'55.5"	
86	Maliyekkalkudumbhakavu (Kudumbhakavu)	N.VenugopalanNair Mob:	AC Rd- School jn Changanassery Municipality		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'06.3" E 76 <sup>0</sup> 31'47.7"	CW
87	Aanandhapuramsreekrishnas wamikshethram (N.S.S.Trust)	Mahendhiran Mob: 9995080605	AC Rd- School jn Changanassery Municipality		30.00	Sreekrishnan, Devi,Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'14.8" E 76 <sup>0</sup> 32'16.1"	Pond dug CW
88	Sreemutharammandevikshet hram	Pradeep.T Mob: 9961456586	Vettadi Rd Changanassery Municipality		20.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'09.6" E 76 <sup>0</sup> 31'57.5"	CW
89	Lakshmipuramkottaramvaka sarpakavu (Kudumbhatrust)	Sujathavarmma	Vettadi Rd Changanassery Municipality		10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 25'15.9" E 76 <sup>0</sup> 32'01.9"	
90	Kunnuparambhil kudumbhakavu(Kudumbhaka vu)	Pradeepkumar Mob: 7907137484	Perunna Changanassery Municipality		10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 26'22.1" E 76 <sup>0</sup> 32'40.4"	
91	Pallipurathu sreebhadirakalikhethram	Sreenivasa reddy Mob: 9446759327	Perunna Changanassery Municipality		15.00	Bhadhirakali,Nagaraja, Nagayakshi	N 09 <sup>0</sup> 25'54.9" E 76 <sup>0</sup> 32'44.4"	CW

**CHANGANASSERY TALUK**

**KANJIRAPALLY TALUK**

Kavu No KTM/ Knpy	Name of Kavu & Type of Ownership	Contact details of Owner/Custodian/ Management	Location & Panchayath	Sy.No.	Extent (Cents)	Diety / Pooja Details	GPS reading	Remarks Compound Wall Fence/pond
1	2	3	4	5	6	7	8	9
<b>1. MANIMALA VILLAGE</b>								
1	Aalapra sreeannapoorneswarri kshethram (N.S.S. Trust )	Sree Rajan Mob: 9946194081	Aalapra Melekavala Manimala		10.00	Nagaraja,Nagayakshi, Chithrakoodam,devi	N 09 <sup>0</sup> 27.353' E 76 <sup>0</sup> 45.812'	CW Full
2	Pryattukavu (Kudumbhakavu)	Thankamanyamma Mob: 9744889021	Aalaprayattu Manimala		4.00	Nagaraja,Nagayakshi,	N 09 <sup>0</sup> 27.199' E 76 <sup>0</sup> 45.748'	
3	Aalapranaga chamundi kshethram (Kudumbhakavu)	SomanandhanNair Mob: 9744889021	KarikkatuoorAalapra Manimala		7.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 27.229' E 76 <sup>0</sup> 45.748'	CW Full
4	Aalapra charikkalsreebhadrakali kshethrakavu (Trust)	Suresh karimbanakuzhi Mob: 9447367275	Aalapra thacharikkal Manimala		5.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 27.253' E 76 <sup>0</sup> 46.379'	
5	Manimalakavu devi Kshethram(Trust)	P.N.GopalakrishnanNair Mob: 9995956727	Manimala palam Manimala		27.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 29.427' E 76 <sup>0</sup> 44.598'	Natural Pond
6	Manimalakavu devi Kshethram(Trust)	P.N.GopalakrishnanNair Mob: 9995956727	Manimala palam Manimala	21/8	10.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 28.835' E 76 <sup>0</sup> 44.840'	CW
<b>2. CHIRAKADAVU VILLAGE</b>								
7	Chappamattathil sarpakavu (Kudumbhakavu)	Dr.C.P.S Pillai	Chappamattathil Chirakadavu		4.00	Nagaraja,Nagayakshi, Chithrakoodam,	N 09 <sup>0</sup> 33.091' E 76 <sup>0</sup> 45.634'	CW Full
8	Kallaravayalil (Kudumbhakavu)	K.K.Mohandas Mob: 9446861458	Kallaravayal Chirakadavu	8/2	15.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 32.878' E 76 <sup>0</sup> 45.869'	
9	Thiruvappallil (Kudumbhakavu)	Mohankumar Mob: 9446338583	Thiruvappallil Chirakadavu		5.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 32.878' E 76 <sup>0</sup> 45.869'	Pond Dug

**KANGIRAPALLY TALUK**

<b>KTM/ Knpy 10</b>	Kallarayil (Kudumbhakavu)	O.N. Rajamma Mob:9605108038	Kallaravayal Chirakadavu		4.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 32.850' <b>E</b> 76 <sup>0</sup> 45.961'	
11	Mulavelil (Kudumbhakavu)	N.Neelakandanpillai Mob: 9496221877	Mulavelil Chirakadavu		5.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 32.948' <b>E</b> 76 <sup>0</sup> 45.704'	CW Full
12	Punnamadathin vaka (Kudumbhatrust)	Ambhika Mob: 9061941949	Punnamada Chirakadavu		4.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 32.774' <b>E</b> 76 <sup>0</sup> 45.860'	
13	Peroorkudumbha kavu (Kudumbhakavu)	P.R. GopalanNair Mob: 9744799823	Peroorkavu Chirakadavu		10.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 32.862' <b>E</b> 76 <sup>0</sup> 45.246'	
14	Nalloor sreenagaraja kshethram(Pothuvaka)	SomashekaranNair Mob: 9400828091	SRV School .Jn Chirakadavu		15.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 32.128' <b>E</b> 76 <sup>0</sup> 46.122'	Natural pond
15	Velayathu sree Bhadhirakavu (Kudumbhakavu)	Jayadhevan.V.J. Mob: 8281366289	Chirakadavu Thekkethukavala		5.00	Nagaraja,Nagayakshi, Chithrakoodam, Bhagavathi	<b>N</b> 09 <sup>0</sup> 32.370' <b>E</b> 76 <sup>0</sup> 46.149'	CW Full
16	Chirakkadavu Sreemahadeva kshethram (TVM DewasamBoard)	SreedharanPillai Mob: 9496161169	Chirakadavu Chirakadavu		3.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 32.686' <b>E</b> 76 <sup>0</sup> 45.909'	CW Full Natural Pond
17	Manimlakkunu Dusanakavu (Kudumbhakavu)	SankaranNair Mob: 9605104591	Manimala Chirakadavu		20.00	Dusanan	<b>N</b> 09 <sup>0</sup> 33.086' <b>E</b> 76 <sup>0</sup> 44.919'	CW Full
18	Manakkadu Sreebhadhira kshethram(Pothuvaka)	Muraleedharan Pillai Mob: 9400394692	Chirakadav East		5.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 32.421' <b>E</b> 76 <sup>0</sup> 46.719'	CW Full
<b>3. ELAMKULLAM VILLAGE</b>								
19	Puthuparambhil (Kkudumbhakavu)	Hari.P.S Mob: 9446602977	Puthuparambhil Elikkulam		5.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 37.653' <b>E</b> 76 <sup>0</sup> 44.422'	CW Full
20	Kalloor (Manjapallil) (Kudumbhakavu)	GopinadhanNair Mob: 9747348159	Manjappallil Elikulam		5.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 37.922' <b>E</b> 76 <sup>0</sup> 44.247'	
21	Panamattam kavumuri Devi kshethram (Pothuvaka)	Rajeevu Mob: 9447917093	Panamattam Elikulam		15.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 35.828' <b>E</b> 76 <sup>0</sup> 44.881'	
22	Panamattam Sreebhagavathikshethram (Public Trust)	RadhakrishnanNair Mob:	Panamattam Elikulam		4.00	Shivan ,Parvathi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 36.020' <b>E</b> 76 <sup>0</sup> 44.578'	CW Full

**KANGIRAPALLY TALUK**

KTM/ Knpy 23	Thodiyanal kudumbhakavu (Kudumbhakavu)	Ashok .K.Nair Mob: 9400426776	Koorali Govt HHS(near) Elikulam		5.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.651' E 76 <sup>0</sup> 44.289'	CW Full
<b>4. KANJIRAPPALLY VILLAGE</b>								
24	Perumcheril (Kudumbhakavu)	GeethakrishnanNair Mob:	Thambalakkadu Kanjirappally		5.00	Nagaraja,Nagayakshi, Karinagam,Rakshas	N 09 <sup>0</sup> 35.102' E 76 <sup>0</sup> 46.514'	CW Full
25	Sree mahakalipara devikshethram (Trust)	Babu Raju Mob: 9744689245	Thambalakkadu Kanjirappally		10.00	Devi, Sasthavu, Narashimhamoorthi, Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.345' E 76 <sup>0</sup> 46.087'	
26	Kadakkayam (Kudumbhakavu)	Raju Mob: 9946621826	Kadakkayam Kanjirappally		4.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.826' E 76 <sup>0</sup> 45.721'	CW
<b>5. KOOVAPPALLY VILLAGE</b>								
27	Chenappadi Sreedharma sasthakshethram (TVM Dewasam )	RadhakrishnanNair Mob: 9447128252	Chenappadi Kanjirappally		5.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 30.433' E 76 <sup>0</sup> 48.098'	CW Full Pond Dug
28	Koovappally Njaarkala kavu (Trust)	P. Parameswaran Pillai Mob: 9495286733 (Secretary)	Koovappally Kanjirappally		5.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 31.598' E 76 <sup>0</sup> 49.433'	CW Full Pond Dug
<b>6. ERUMELI THEKKU VILLAGE</b>								
29	Mattathikottaram (Kudumbhakavu)	Rajnadh Mob: 9447572765	Chennappadi Erumeli		20.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 37.805' E 76 <sup>0</sup> 48.031'	Pond Dug
30	Kizhakkekkara devikshethra kav (Trust)	Jayan .R.Nair Mob: 9400642020	Chennappadi Erumeli		5.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 30.247' E 76 <sup>0</sup> 48.615'	
31	Pakkanam Sreemahadevar Kshethram (Committee)	T.D.Gangadharan Mob: 9846500031	Pakkanam Erumeli		5.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 29.364' E 76 <sup>0</sup> 53.763'	CW Full Pond Dug
<b>7. KORUTHODU VILLAGE</b>								
32	Sree Manikandavilasm (Trust)	Rajendhiran Mob:9495021143	Koruthodu Koruthudu		5.00	Nagaraja,Nagayakshi, Chithrakoodam,Shivan	N 09 <sup>0</sup> 27.930' E 76 <sup>0</sup> 57.691'	CW Part
<b>8. CHERUVALLI VILLAGE</b>								
33	Sree Pechiyammankovil (Trust)	P.K.Radhakrishnan Mob: 9744241498	Pechiyammankovil Chirakkadacu		4.00	Nagaraja,Nagayakshi, Chithrakoodam,Shivan	N 09 <sup>0</sup> 31.151' E 76 <sup>0</sup> 45.911'	

**KANGIRAPPALLY TALUK**

<b>KTM/ Knpy 34</b>	Cheruvallikunnel (Kudumbhakavu)	Muraleedharan Nair Mob: 9446002050	Kunnel kudumbhakshetham Chirakkavu		15.00	Nagaraja,Nagayakshi, Chithrakoodam,Shivan	<b>N</b> 09 <sup>0</sup> 31.398 <b>E</b> 76 <sup>0</sup> 45.494'	Pond Dug
35	Payyampalli (Kudumbhakavu)	ThankappanNair Mob: 9544534865	Payyampalil Chirakkadavu		5.00		<b>N</b> 09 <sup>0</sup> 31.333' <b>E</b> 76 <sup>0</sup> 45.367'	
36	Udumboor (Kudumbhakavu)	Bhanuvikraman Nair MOB: 9446602483	Udumboor Chirakkadavu		5.00	Nagaraja,Nagayakshi, Chithrakoodam,Shivan	<b>N</b> 09 <sup>0</sup> 31.293 <b>E</b> 76 <sup>0</sup> 45.428'	CW Full
37	Palaplakkal (Kudumbhakavu)	Sureshkumar Mob: 9447306726	Palaplakkal Chirakkadu		15.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 30.998' <b>E</b> 76 <sup>0</sup> 45.107'	
38	Mecheri madathil (Kudumbhakavu)	M.M.Sukumariyamma Mob: 9961216703	Thekkummoodu Chirakkadavu		10.00	8Moorthikalum, Nagangal	<b>N</b> 09 <sup>0</sup> 31.154 <b>E</b> 76 <sup>0</sup> 45.610'	
39	Tharamel (Kudumbhakavu)	Somashekaran Nair Mob: 8075539807	Thekkummoodu Chirakkadavu		5.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 31.105' <b>E</b> 76 <sup>0</sup> 45.793'	
40	Major Cheruvalli Sree devi kshethram (Travancore Dewasam)	Sasidharan Nair Mob: 9656570500	Kavumbhagam Chirakkadavu		5.00	Devi, Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 31.074 <b>E</b> 76 <sup>0</sup> 45.834'	CW FULL Natural Pond
41	Malayil (Kudumbhakavu)	Devakiyamma Mob: 9447283051	Kavumbhagam Chirakkadavu		5.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 31.036' <b>E</b> 76 <sup>0</sup> 45.791'	CW Full
<b>9. EDAKKUNNAM VILLAGE</b>								
42	Sree Saraswathidevi Kshethram (Trust)	Secretary Mob: 9447782175	Edachotti Parathodu		10.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 34.491' <b>E</b> 76 <sup>0</sup> 50.677'	CW Full Natural Pond
43	Cherumala vechoor (Kudumbhakavu)	Ajithkumar Mob: 9446123288	Cherumala Parathodu		15.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 31.477 <b>E</b> 76 <sup>0</sup> 51.249'	Natural Pond
44	Cherumala pachimadevi (Travancore Dewasam)	Rajagopal Mob: 9400674851	Cherumala Parathodu		10.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 31.977' <b>E</b> 76 <sup>0</sup> 51.367'	CW Full
<b>10. MUNDAKKAYAM VILLAGE</b>								
45	Chotti Sreemahadevan (Pothuvaka)	O.K.Krishnan Mob: 9745257955	Chotti Parathodu	157/9	5.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 33.974' <b>E</b> 76 <sup>0</sup> 51.066'	CW full, Natural Pond
46	Nenmeni sreedevikshethram (Pothuvaka)	Ragubhaskaran Mob: 9447258523	Veranadam Parathou		5.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 33.253 <b>E</b> 76 <sup>0</sup> 53.129'	CWPart

**KANGIRAPALLY TALUK**

**KOTTAYAM TALUK**

Kavu No KTM/ Ktym	Name of Kavu & Type of Ownership	Contact details of Owner/Custodian/ Management	Location & Panchayath	Sy.No.	Extent (Cents)	Diety / Pooja Details	GPS reading	Remarks Compound Wall Fence/pond
1	2	3	4	5	6	7	8	9
<b>1. PANACHIKKADU VILLAGE</b>								
1	Vaniravam Sree Vishnu Devishethrakavu (Kudumba Committee )	SatheeshKumar Mob: 9249975185	Pathamuttam, Chingavanam Panachikkadu		5	Nagaraja, Nagayakshi Chithrakoodam	N 09 <sup>0</sup> 31.262' E 76 <sup>0</sup> 33.310'	CW Full
2	Payinattu illam vaka kavu (kudumbavaka)	SatheeshKumar Mob: 9249975185	Pathamuttam, Chingavanam Panachikkadu	372/1-2	10	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 31.064' E 76 <sup>0</sup> 33.372'	Pond
3	Kannavathu sarpakavu (kudumbatrust)	K.K.Vijayakumar Mob :9388437576	Veluthuruthy, Kuzhimattam Panachikkadu		5.5	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 31.922' E 76 <sup>0</sup> 33.072'	
<b>2. NATTAKAM VILLAGE</b>								
4	Padinjare mecheril kalari kshethravaka kavu (kudumbavaka)	Renjith Mob : 9496187312	Moolavattom, Kottayam Municipality, Nattakam		10.0	Nagaraja, Nagayakshi, Arukola	N 09 <sup>0</sup> 33.770' E 76 <sup>0</sup> 31.376'	CW Part Natural Pond
<b>3. THIRUVARPPU VILLAGE</b>								
5	Kattatharakavu (kudumbavaka)	Vijayanandan Mob : 9400681589	Kattathara Thiruvvarppu		5.00	Yogiswaran, Rekshasu, Nagaraja, Nagayakshi, Yakshyamma, Bhadra	N 09 <sup>0</sup> 34.805' E 76 <sup>0</sup> 28.178'	CW Full
6	Karamasseri Kavu (Kudumbavaka)	K.C Anandhan Mob : 8547673049	Thiruvvarppu		5.00	Yogiswaran, Bhadra, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 34.884' E 76 <sup>0</sup> 28.316'	CW Full
7	Kiliroor Kunninmel Devi kshetravakakavu	Venugopalan Nair Mob : 9895619076	Kiliroor Thiruvvarppu		50.00	Sreekarthyani devi temple 19 vighrangal	N 09 <sup>0</sup> 34.885' E 76 <sup>0</sup> 29.070'	CW Full
8	Karivelli kavu (Kudumbakavu)	Radhakrishnan Nair Mob : 9400419745	Kiliroor North Thiruvvarppu		1.00	Chitrakudam, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 34.889' E 76 <sup>0</sup> 28.868'	CW Full

<b>KTM/ Ktym 9</b>	Puthanvadasheri kavu (Kudumbavaka)	P.N Ramachandran Pillai Mob : 9744300397	Killoor, Puthanvadasheri Thiruvarpvu	163/7-2	5.00	GulikaSarpam, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 35.158' E 76 <sup>0</sup> 28.775'	CW Full
<b>4. VELOOR VILLAGE</b>								
10	Perakathusseri kudumbakavu (Kudumbavaka)	Ajayakumar.P.K Mob :9446379819	Thiruvathukkal, Velloor Kottayam Municipality	17/6	4.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 34.670' E 76 <sup>0</sup> 29.796'	CW Part, Natural Pond
<b>5. MUTTAMBALAM VILLAGE</b>								
11	Edattukavu (Kudumbavaka)	Sasikumar 7356480490	Panayakazhippu, Kottayam Municipality Muttambalam		12.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 36.025' E 76 <sup>0</sup> 31.334'	
<b>6. KOTTAYAM VILLAGE</b>								
12	Kovilakom vaka kavu (Kudumbakavu)	Lalithambika Varma (Senior) 9447130463	Kaarapuzha, Kottayam Municipality, velloor		10.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 34.875' E 76 <sup>0</sup> 30.709'	CW Full, Natural Pond
13	Koorappallikavu Kudumbamvaka	Valsala Mob:9605654574	Thiuvathukkal, Kottayam Municipality	27-1	7.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.108' E 76 <sup>0</sup> 30.340'	Natural Pond
14	Naduvilarackal (Kudumbakavu)	Radhakrishnan Menon Mob : 0481-2391940	Karappuzha, Kottayam Municipality		5.00	Nagaraja, Nagayakshi, Nagakanyaka	N 09 <sup>0</sup> 34.901' E 76 <sup>0</sup> 30.534'	CW Full
15	Kalathutharamaalikavu (Kudumbavaka)	IndiraDevi Mob : 7736160326	Velloor,Kottayam Municipality	8/2	3.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 35.072' E 76 <sup>0</sup> 30.195'	
<b>7. VIJAYAPURAM VILLAGE</b>								
16.	Kanakancherysarpakavu (Kudumbakavu)	Anilkumar Mob : 9446125767	Nattasseri, S H Mount Vijayapuram		3.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 36.092' E 76 <sup>0</sup> 32.082'	CW Full
17.	Melettukavu Kudumbam vaka	Radhamma Mob : 9447355400	Thattasseri, Vijayapuram		3.5	Ananthan, Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 36.146' E 76 <sup>0</sup> 32.218'	CW Full
18.	Perumthanathukavu (Kudumbhakavu)	Mohanan.K.R. Mob : 9447833660	Vattamoodu palam, Vijayapuram	122/5	3.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 36.122' E 76 <sup>0</sup> 32.298'	CW Part
<b>8. CHENGALAM VILLAGE (SOUTH)</b>								
19	Thayseriikavu (kudumacommitee)	Suresh Babu Mob : 9446363428	Chengalam, Chengalam south Thiruvarpvu		3.00	Nagaraja, Nagayakshi, Paranagangal	N 09 <sup>0</sup> 35.838' E 76 <sup>0</sup> 28.113'	CW Full

<b>KTM/ Ktym 20</b>	Mundakathiilkavu (Kudumbakavu)	Velayutha Panickar Mob : 9946162341	Chengalam south Thiruvarpu		8.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 36.169' E 76 <sup>0</sup> 28.333'	CW Part Natural Pond
21	Edamanasserri iDevikshethrakavu (Kudumbakavu)	Ragunath.M.N Mob : 9495444055	Edamanasserri Chengalam south Thiruvarpu		3.00	Nagaraja, Nagayakshi, Chithrakoodam, Ganapathi, andharvan	N 09 <sup>0</sup> 36.182' E 76 <sup>0</sup> 28.402'	CW Full
22	Thekkumkoyitharakavu (Kudumbakavu)	Jayakumar Mob :	Chengalam south Thiruvarpu	195/1	5.00	Akhilasarpam, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 35.691' E 76 <sup>0</sup> 27.745'	CW Full
<b>9. AYIMANAM VILLAGE</b>								
23	Kodiyattu kavu (Kudumbakavu)	Sreekumar Mob : 9446046920	Kottayam Ayimanam	122/7 - 1	4.00	Nagaraja, Nagayakshi,	N 09 <sup>0</sup> 37.029' E 76 <sup>0</sup> 28.491'	CW Full
24	Kulathoorkavu (Kudumbhakavu )	Sasidharan Nair S Mob : 9495874295	Mariyathuruthu Ayimanam		3..00	Thazhna Sarpangal, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 36.424' E 76 <sup>0</sup> 28.504'	
25	Dhakshinaguruvayoor (Travancore Devaswam)	Vasudevapuram Devaswam Mob : 8547493257	Kudamaloor, Ayimanam		60.00	Nagaraja, Nagayakshi, Chithrakoodam,	N 09 <sup>0</sup> 37.338' E 76 <sup>0</sup> 30.683'	Natural Pond
26	Mangattukavu (kudumba trust)	Valsalakumari M C Mob : 9747910670	Kudayampadi Ayimanam		3.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 36.554' E 76 <sup>0</sup> 30.405'	
27	Panachithuruthil sarpakavu (kudumba trust)	Nitheesh Mob : 9495706607	Panchithuruthil Ayimanam		10.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 37.873' E 76 <sup>0</sup> 28.984'	Natural Pond,
<b>10. PERUMBHAYIKADU VILLAGE</b>								
28	Malayaparambhilkavu (kudumbakavu)	Karthiyayaniamma Mob : 9656697046	Malayaparmbil, Kumarnalloor, Kottayam Municipality		4.5	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 37.504' E 76 <sup>0</sup> 31.573'	CW Full
29	Sooriyakaladimana (kudumbakavu)	Subhramaniyanbhattathi ripadu Mob : 9447223569	Thattasseri,Kottayam Municipality		60.00	Nagaraja, Nagayakshi Chithrakoodam	N 09 <sup>0</sup> 36.637' E 76 <sup>0</sup> 32.737'	Natural Pond,
30	Edattukavu (kudumbakavu)	Nalinakshiamma E N Mob : 8086101154	Chavittooripalam, Kottayam Municipality	186/6	12.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 36.528' E 76 <sup>0</sup> 32.208'	CW Full
<b>11. ARPOOKARA VILLAGE</b>								
31	Manjadikkarimangalam devi kshethram (kudumbakavu)	Babumon Mob :	Kaipuzha Muttu, Arpookara		3.00	Bhadrakali, Ganapathy, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 38.949' E 76 <sup>0</sup> 26.325'	

<b>KTM/ Ktym 32</b>	Arangathukudumbhakavu (kudumbakavu)	Govindapilla MP Mob:8547020459	Karipothattu, Arpoorkara	142/14	3.5	Sastha ,bhadrakali, Dhurga	<b>N 09<sup>0</sup> 37.960'</b> <b>E 76<sup>0</sup> 29.774'</b>	CW Full
33	Sarwaiswariyasarpakavu (kudumbakavu)	K.V. Vinodh Mob : 9496223756	Arpookara West Arpoorkara		6.00	Nagaraja, Nagayakshi, Devi, Akhilasarpam etc	<b>N 09<sup>0</sup> 38.439'</b> <b>E 76<sup>0</sup> 29.254'</b>	CW Full
<b>12. ONAMTHURUTH VILLAGE</b>								
34	Mangathukuzhibhagavathi temple (Public Trust)	Mohandas Mob : 9539087946	Mangattukizhi, Neendoor		3.00	Nagaraja, Nagayakshi Kuzhinagam,Karinaga m, Phananagam	<b>N 09<sup>0</sup> 41.413'</b> <b>E 76<sup>0</sup> 30.586'</b>	CW Full
35	Narakaparmbilkavu (kudumbakavu)	V.Vijayakumar Mob :	Moozhikulangara, Neendur		10.00	Nagaraja, Nagayakshi Chithrakoodam, Nagakanyaka	<b>N 09<sup>0</sup> 41.770'</b> <b>E 76<sup>0</sup> 30.888'</b>	
36	Vadakedathukavu (Kudumbhakavu)	Sethunath Mob: 9961633781	Vadkkedathu, Neendur Onamthutruth		15.00	Sasthav, bhagavathi, Nagangal	<b>N 09<sup>0</sup> 41.096'</b> <b>E 76<sup>0</sup> 30.449'</b>	
<b>13. ATHIRAMPUZHA VILLAGE</b>								
37	Mannanam kottaram devikshethram (T D B)	K.K.Kunju Mob : 9847967590	Mannanam Athirampuzha		40.00	Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 39.057'</b> <b>E 76<sup>0</sup> 31.731'</b>	CW Full Natural Pond
<b>14. ETTUMANOOR VILLAGE</b>								
38	Mevakkadkavu (Kudumbhakavu)	Jilesh Mob : 9847661227	Punnathara West Ettumanoor Municipality		3.00	Karinagayakshi, Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 39.550'</b> <b>E 76<sup>0</sup> 34.689'</b>	CW Full
<b>15. PEROOR VILLAGE</b>								
39	Kizhakekuzhiyadiillam (Kudumba trust)	Sunil.K.K. Mob : 9446925115	Madappad Ettumanoor Municipality		8.00	Chithrakoodam, Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 39.310'</b> <b>E 76<sup>0</sup> 34.568'</b>	
40	Parapallil nagarajakshethram (Kudumbhakavu)	SukumaranNair Mob:	Mannaril, Ethumanoor Municipality		8.00	Chithrakoodam, Nagaraja, Nagayakshi, Kuzhinagangal	<b>N 09<sup>0</sup> 39.345'</b> <b>E 76<sup>0</sup> 34.606'</b>	CW Full
41	Thenankalayil (Kudumbhakavu)	Padmakumar KP Mob: 9447039215	Thenankalayil, Theroor, Ettumanoor Municipality		5.00	Chithrakoodam, Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 38.500'</b> <b>E 76<sup>0</sup> 34.7622'</b>	CW Full
42	Vattapallikottaramkavu (Peroorkavu) (Kudumbhakavu)	SukumaranNair Mob: 9400539609	Peroor, Ettumanoor Municipality		3.00	Chithrakoodam, Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 38.444'</b> <b>E 76<sup>0</sup> 34.660'</b>	

<b>16. AYARKUNNAM VILLAGE</b>								
<b>KTM/ Kty 43</b>	Arumanoornagarajakshethra m(Kudumbhakvu)	Bijukumar.C. Mob: 9847661457	Arumanoor Ayarkunnam	17/6	5.00	Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 38.960' E 76<sup>0</sup> 35.144'</b>	
44	Thappuzha dewasam srikrishnawami bhagavathy kshethram (NSS Karayogam)	Secretary Sreepathy Mob: 9746289350	Arumanoor Ayarkunnam		3.00	Nagaraja, Nagayakshi, Chithrakoodam	<b>N 09<sup>0</sup> 38.866' E 76<sup>0</sup> 35.391'</b>	CW Full
45	Ayyankoyikkal sreemahadewa kshethram (NSS Karyogam)	Secretary M.V. Unnikrishnan Nair Mob: 9447045341	Neerikadu Ayarkunnam	334/4	25.00	Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 37.934' E 76<sup>0</sup> 35.163'</b>	Pond
<b>17. AKALAKUNNAM VILLAGE</b>								
46	Mattakarathuruthipalli Bhagavathi kshethra kavu (N.S.S. Trust)	Harikrishnan Mob : 9447113409	Thachilottu Akalakunnam		5.00	Nagaraja, Nagayakshi Chithrakoodam,	<b>N 09<sup>0</sup> 38.767' E 76<sup>0</sup> 37.879'</b>	
47	Kovoor sreedharma deiwakshethrakavu (Kudumba trust)	K.R. Raju Mob : 9447141986	Mattakara Akalakunnam		25	Nagaraja, Nagayakshi Karinagam, Maninagam	<b>N 09<sup>0</sup> 38.616' E 76<sup>0</sup> 38.929'</b>	Natural Pond
48	AriyattuSreedharma sastha kshethrakavu (Swantham)	Satheeshan Nambhoothiri Mob :9846138660	Pallikkathodu Akalakunnam		14.00	Nagaraja, Nagayakshi,	<b>N 09<sup>0</sup> 37.057' E 76<sup>0</sup> 41.273'</b>	
49	Thuruthipalli bhgavathikshethrakavu (NSS Trust)	Harkrishnan Mob :	Mattakara Akalakunnam		5.00	Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 38.767' E 76<sup>0</sup> 37.879'</b>	CW Part Natural Pond
50	Puthiyaveettilkavu (Kudumbhakavu)	Jayakumar Mob: 9447659128	Aanikkad Akalakunnam		10.00	Nagaraja, Nagayakshi, Nagakanyaka, Akhilasarपाल	<b>N 09<sup>0</sup> 36.965' E 76<sup>0</sup> 41.332'</b>	CW Full
<b>18. AANIKKAD VILLAGE</b>								
51	Chiramangalathu illam vaka kavu (kudumbaTrust)	SreedharanNambooth iriu Mob :	Aanikkad Pallikkathode	50/7	80	Nagaraja, Nagayakshi,	<b>N 09<sup>0</sup> 36.584' E 76<sup>0</sup> 41.438'</b>	Natural Pond
52	Mangattu Ennakkapallikshethrakavu(Ku dumbam vaka)	GopalakrishnanNair Mob : 9526952919	Annikkad Aanikkad	263/3	4.00	Nagaraja, Nagayakshi, Chithrakoodam	<b>N 09<sup>0</sup> 35.900' E 76<sup>0</sup> 41.133'</b>	

<b>KTM/ Kty 53</b>	Kalloorkudumbhakavu II (kudumbakavu)	VasudhevanNair Ph : 9447104966	Aanikkad Aanikkad		5.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.567' E 76 <sup>0</sup> 41.029'	
54	SreeSamkarnarayanamurthi Kshethram vaka (Public trust)	Anilkumar P Nair Mob: 9446201221	Aanikkad Aanikkad		1.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.634' E 76 <sup>0</sup> 41.213'	CW Full
55	Chiramangalathullam (Kudumbhatrust)	SreedharanNaboothiri Mob:	Aanikkad Pallikkathode	50/7	60.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 36.584 E 76 <sup>0</sup> 41.438'	Natural Pond
56	Kalloorkudumbhakavu I (kudumbatrast)	Madhu Mob: 9447104966	Aanikkad Aanikkad		8.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.562' E 76 <sup>0</sup> 41.120'	
<b>19. KOORAPPADA VILLAGE</b>								
57	Kizhavarakudumbhakavu (kudumbakavu)	Ramachandran Nair Mob : 7559875979	Kizhavara Koorappada	336/2	3.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 35.988' E 76 <sup>0</sup> 39.514'	
58	Madapttubhagavathikshethr am(Public Trust)	Radhakrishnan Nair Mob : 9496160655	Madappadu Koorappada		5.00	Nagaraja,Nagayakshi, Chithrkodam, Maninagam	N 09 <sup>0</sup> 36.012' E 76 <sup>0</sup> 39.483'	CW Full
59	Poothettukavu (kudumbakavu)	RaveendhranNair Mob : 9544043989	SN Puram Koorappada		3.00	Nagasankalpam	N 09 <sup>0</sup> 34.847' E 76 <sup>0</sup> 39.606'	
60	Kolathettukavu (kudumbakavu)	K.K.Appukuttan Nair Mob :9446997013	Koorappada Pambadi	232/1	15.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.710' E 76 <sup>0</sup> 38.823'	
61	Maruthukavu (Public Trust)	Harikumar B Mob : 9947355559	Lekkattoor Koorappada		13.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 36.325' E 76 <sup>0</sup> 38.612'	
62	Konnakkalkudumbhakavu (kudumbakavu)	M.G. Sreedharanpillai Mob : 9400800897	Lekkattoor Koorappada		5.00	Nagaraja, Nagayakshi, Karinagam	N 09 <sup>0</sup> 36.322' E 76 <sup>0</sup> 38.356'	CW Full
63	Parappallikavu (kudumbakavu)	Saroja Devi N Mob : 9645027821	Lekkattoor Koorappada	209/4	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 36.851' E 76 <sup>0</sup> 38.444'	CWPart
64	Kalloorappan kavu (kudumbakavu)	P.M.NarayananNair Mob : 9747221468	Lekkattoor Koorappada	220/3	15.00	Nagaraja, Nagayakshi, Anjathasarpam	N 09 <sup>0</sup> 36.161' E 76 <sup>0</sup> 38.234'	
<b>20. MANARCAD VILLAGE</b>								
65	Valiyakarottu kudumbhakavu (kudumbaTrust)	Thankamany.N Mob : 9349788342	Kavinpadi Jn Manarcad	172/12	2.5	Chithrakoodam	N 09 <sup>0</sup> 36.509' E 76 <sup>0</sup> 35.305'	CW Part

<b>KTM/ Kty</b> 66	Manarkattu sreebhagavathi kshethrakavu Public Trust	Sunilkumar Mob :	Manarcad Manarcad		10.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 36.006' E 76 <sup>0</sup> 35.355'	Pond
67	Pallyilkizhakathilsarpakavu (kudumbakavu)	Rajeendhra Panickar Mob : 9497661484	Pallyil Kizhkkathil Manarcad	378/4	5.00	Nagaraja, Nagayakshi,	N 09 <sup>0</sup> 36.009' E 76 <sup>0</sup> 35.565'	
68	Thrikkayilmahadewanksheth rakavu(Dewar Dewasam Trust))	M.A.Sasidhara Wariyer Mob : 9447803256	Manarcad Manarcad		3.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.914' E 76 <sup>0</sup> 35.488'	CW Full Natural Pond
69	Chithirathiil sree annapoorneswary kshethram kavu (kudumbakavu)	C.R.Saji Mob : 9961799784	Parampuzha Manarcad		20.00	Annapoorneswry, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 36.820' E 76 <sup>0</sup> 34.043'	CW Full
70	Kumaramangalamillam vaka (kudumbakavu)	Hareesh.K. Mob : 9446863416	Parampuzha Manarcad		7.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 36.701' E 76 <sup>0</sup> 33.783'	Natural Pond
71	Kallupoovathukavu (kudumbakavu)	Muraleedharan Nair Mob : 9846610794	Thiruvanchoor Ayarkunnam		9.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 37.361' E 76 <sup>0</sup> 34.289'	
72	Poolathoorsarpakavu (kudumbakavu)	Anilkumar.P.R Mob : 8281496723	Poolathur Ayarkunnam	542/2-3	12.00	Nagaraja, Nagayakshi, Karinagam	N 09 <sup>0</sup> 37.276' E 76 <sup>0</sup> 34.378'	NaturalPond
<b>21. PAMPADY VILLAGE</b>								
73	Chenamvallikudumbhakavu (Kudumbhakavu)	T.N.RajeendranNair Mob : 9496414641	Puthenpuram kavala Pampady	249/3-1	3.00	Nagaraja, Nagayakshi, chithrakoodam	N 09 <sup>0</sup> 33.201' E 76 <sup>0</sup> 38.893'	
74	KottadicalSarpakavu (Kudumbhakavu)	RajendranNair Mob : 9605841234	Kottadical Pampady		8.00	Nagaraja, Nagayakshi, Anandan, Maninagam' Chithrakoodam,	N 09 <sup>0</sup> 33.553' E 76 <sup>0</sup> 39.102'	CW Full Natural Pond
75	Kanjirakkadu puthanpurayilkavu (kudumbakavu)	K.M.Rajappan Mob : 9656601157	Kanjirakad Pampady	398/2-2	4.00	Nagaraja, Nagayakshi, Devi, Rakshas	N 09 <sup>0</sup> 32.974' E 76 <sup>0</sup> 38.364'	
76	Kangazhottukudumbhakavu (kudumbakavu)	Amminiyamma Mob : 9400285385	Pambady South Pampady		15.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 33.956' E 76 <sup>0</sup> 38.833'	
77	Puthusseryillm (Kudumbhakavu)	Sreekumar Mob: 9447868158	Velloor Pampady		10.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.578' E 76 <sup>0</sup> 36.373'	
78	Ponnarikulamvanadhurgadev ikshethram(Public Trust)	Vijayakumar Mob: 9744683596	Velloor Pampady		3.00	Vanadurga, Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.576' E 76 <sup>0</sup> 36.309'	

<b>KTM/ Ktym 79</b>	Veloorkathamattam Illam (Kudumbhakavu)	Dr.Rajkumar Mob: 9895950092	Veloor Pampady		50.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 35.196' E 76 <sup>0</sup> 36.556'	CW Part Natural Pond
<b>22. MEENADOM VILLAGE</b>								
80	Chirakkal kudumbhakavu (kudumbhakavu)	Valsala G.Nair Mob :	Meenadom Meenadom		16.00	Nagaraja, Nagayakshi, chithrakoodam	N 09 <sup>0</sup> 32.202' E 76 <sup>0</sup> 36.682'	
<b>23. PUTHUPALLY VILLAGE</b>								
81	Erikkadubhagavathikshethra m(PublicTrust)	T.K.Sreekanth Secretary 9495063265	Erikkad Puthupally		3.00	Nagaraja, Nagayakshi, chithrkoodam	N 09 <sup>0</sup> 32.695' E 76 <sup>0</sup> 34.418'	CWFull
82	Pazhayidathukavu (kudumbhakavu)	P.S.Variyar Mob : 9400870842	Vennimala Puthupally		3.00	Nagaraja, Nagayakshi, chithrakoodam	N 09 <sup>0</sup> 34.152' E 76 <sup>0</sup> 36.062'	
83	Pullamplayil kudumbhakavu (Kudumbhakavu)	Santhamma Mob : 9846012101	Vennimala Puthupally	109/2	10.00	Nagaraja, Nagayakshi, Chithrakoodam,Sastha	N 09 <sup>0</sup> 34.046' E 76 <sup>0</sup> 36.182'	
84	Mazhuvancherilkavu (kudumbhakavu)	Rajeev.M.R Mob : 9446479215	Mazhuvancherry Puthupally		3.00	Nagaraja, Nagayakshi, chithrakoodam	N 09 <sup>0</sup> 34.041' E 76 <sup>0</sup> 36.187'	
85	Manjathuruthelkavu (kudumbhakavu)	M.S.Jayan Mob : 9847861138	Payyapady Puthupally	110/13	3.00	Nagaraja, Nagayakshi, Kuzhisarpangal	N 09 <sup>0</sup> 34.052' E 76 <sup>0</sup> 36.190'	
86	Thrikovilsreemahadhevanksh ethram (Public Trust)	Vinod G, Secretary Mob : 9645755674	Thrikkovil Puthupally		2.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 33.445' E 76 <sup>0</sup> 34.241'	CwFull Natural Pond
87	Pulikkalkavu (kudumbhakavu)	SadasivanPillai Mob : 9446973044	Puthappally Puthupally	182/6-3	4.00	Nagaraja, Nagayakshi, chithrkoodam	N 09 <sup>0</sup> 33.525' E 76 <sup>0</sup> 34.242'	
88	Nallukunnel II (kudumbhakavu)	N.C.Mohandas Mob : 9447660718	Nallukunnel Puthupally	174/9	4.00	Nagaraja, Nagayaksh,	N 09 <sup>0</sup> 33.438' E 76 <sup>0</sup> 34.053'	
89	Nallukunnel I Kudubhakavu	Narayandas N C Mob : 9447662365	Nallukunnel Puthupally	174/8	4.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 33.482' E 76 <sup>0</sup> 34.038'	
90	Erathedathukavu (Kudumbhakavu)	Gopalakrishnapillai Mob : 9794476440	Erathedathu Puthupally	136/12	20.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 33.726' E 76 <sup>0</sup> 34.050'	
91	Chithrakoodathilpisharam (Kudumbhakavu)	C.P.Purushothaman Pisharadi Mob: 9847200934	Vennimala, Puthupally	105/6-2	3.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 34.144' E 76 <sup>0</sup> 36.105'	
92	Kezhuthallil Kav Kudumbham vaka	Prasanna Muralidharan Mob:9497133819	Payyapady Puthupally	104/1-1	5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 34.195' E 76 <sup>0</sup> 36.125'	

**MEENACHIL TALUK**

Kavu No KTM/ Mnch	Name of Kavu & Type of Ownership	Contact details of Owner/Custodian/ Management	Location & Panchayath	Sy.No.	Extent (Cents)	Diety / Pooja Details	GPS reading	Remarks Compound Wall Fence/pond
1	2	3	4	5	6	7	8	9
<b>1. KANAKARI VILLAGE</b>								
1	Chenthitta Illam (Kudumbha kavu )	Adharshkumar.C.V. Mob: 9447868270	Nanbhiyarkulam Kanakari		10.00	Nagaraja,Nagayakshi,K arinagam	N 09 <sup>0</sup> 42.233' E 76 <sup>0</sup> 32.067'	CW Full
2	Perumpallil sarpakavu (Kudumbhakavu)	Radhakrishnan.P.N. Mob: 9961649953	Ettumanoor Kanakari		5.00	Nagaraja,Nagayakshi, Nagaunni	N 09 <sup>0</sup> 41.758' E 76 <sup>0</sup> 32.392'	CW Full
3	Chirakkara illam (Kudumbhakavu)	Muraleedharan Nmbhoothiri Mob: 9447356640	Kanakari kanakari	439/8	20.00	Nagaraja,Nagayakshi, Nagaunni	N 09 <sup>0</sup> 42.047' E 76 <sup>0</sup> 32.536'	Natural Pond
4	Kalapurakkal (Kudumbhakavu)	Sasidharan.B. Mob: 8547021243	Kanakari kanakari	376/8	10.00	Nagaraja,Nagayakshi,K arinagam	N 09 <sup>0</sup> 42.114' E 76 <sup>0</sup> 32.520'	
<b>2. KIDANGOOR VILLAGE</b>								
5	Kidangoor erathedathukavu (Kudumbhakavu)	Prabhakara kaimal Mob: 9495735267	Kidangoor Kidangoor		10.00	Nagaraja,Nagayakshi, Chithrakoodam, Shivan	N 09 <sup>0</sup> 40.423' E 76 <sup>0</sup> 37.037'	CW Full
6	Moorthattel kavu (Dewasam Trust)	Shyamkumar Mob: 9447782795	Pariyaramangalam Kidangoor		5.00	Devi, Nagangal	N 09 <sup>0</sup> 42.243' E 76 <sup>0</sup> 36.510'	
7	Manakkal Illam vaka kavu (Family)	Parameswaran Nabhoothiri Mob: 7025604702	Kidangoor Kidangoor		6.00	Bhagavathi,Sarpakavu, Rakthachamundi	N 09 <sup>0</sup> 41.332' E 76 <sup>0</sup> 36.875'	Natural Pond
<b>3. MEENACHIL VILLAGE</b>								
8	Sree Bhagavathi Nagaraja (Kudumbhakavu)	Sasidharan kartha Mob: 9947090948	Pala Meenachil		5.00	Nagaraja,Nagayakshi, Chithrakoodam,Shivan	N 09 <sup>0</sup> 40.946' E 76 <sup>0</sup> 41.593'	
9	Thevanamkottu Illam (Kudumbha)	Sree Vishnu Nambhoothiri Mob: 9495109254	Pala Meenachil		54.00	Nagaraja,Nagayakshi, Chithrakoodam,Shivan	N 09 <sup>0</sup> 40.789' E 76 <sup>0</sup> 41.493'	Natural Pond
10	Kadapattu Sree Mahadevar kshethram ( Trust)	Surendhiran Nair. S.P. Mob: 9497327482	Thevaramala Meenachil		3.00	Nagaraja,Nagayakshi, Chithrakoodam,Shivan	N 09 <sup>0</sup> 42.409 E 76 <sup>0</sup> 40.416'	CW Ful l Natural Pond

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<b>4. KURAVILANGADU VILLAGE</b>								
KTM/ Mnch 11	Thengumpallil kottaram vaka Sarpakav	Dr. T.G. Shivadas Mob: 9495107963	Near Kalikav temple Kuravilangadu		30.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 43.948' E 76 <sup>0</sup> 34.016'	CW Full
<b>5. ELAKKAD VILLAGE</b>								
12	Pothiyl Ivadakkedathu (Kudumbhakavu)	Pradeep Nabhoothiri Mob:9496801988	Elakkad Elakkad	19/5	10.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 44.94' E 76 <sup>0</sup> 34.269'	
<b>6. KURICHITHANAM VILLAGE</b>								
13	Mampallikavu (Kudumbhakavu)	Unnikrishnan Mob: 6495854886	Mampallil Marangattupalli		5.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 46.190' E 76 <sup>0</sup> 36.741'	Natural Pond
14	Panattu Illam vaka kav (Kudumbhakavu)	Harikumar Mob: 8281108575	Marangattupalli Marangattupalli		5.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 46.316' E 76 <sup>0</sup> 36.855'	
15	Kakkarpalli Illam vaka (Kudumbhamkavu)	K.V.Narayannan Mob: 0482 2252373	Kurichithanam Marangattupalli	97/9	4.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 46.293' E 76 <sup>0</sup> 36.575'	CW Full
16	Karipadavathu kavu (Public Committee)	K.V.Narayannan Mob: 9495854886	Kurichithanam Marangattupalli	141/6	5.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 46.342' E 76 <sup>0</sup> 36.723'	CW Full Pond
17	Talayattinpilli Illam vaka (Kudumbhakavu)	Parameswaran Nabhoothiri Mob: 8606883986	Kozha Marangattupalli		25.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 46.331' E 76 <sup>0</sup> 35.951'	Pond Dug
18	Varkudiyil sarpakavu (Kudumbhakavu)	ShivaramanNair Mob: 9846795302	Varkudiyil Marangattupalli		15.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 46.208' E 76 <sup>0</sup> 35.982'	
19	Vathalloor paradevatha kshethram(Kudumbakavu)	Lakshmikuttiamma	Vathallur Marangattupalli		10.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 46.508' E 76 <sup>0</sup> 36.015'	CW Full
<b>7. MONIPALLY VILLAGE</b>								
20	Cheruvalli kavukshethram (Thiruvethamkoordewasam)	Ratheesh Mob : 9495393089	Kuzhiyanad Marangattupalli		10.00	Nagaraja,Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 46.464' E 76 <sup>0</sup> 35.043'	
<b>8. RAMAPURAM VILLAGE</b>								
21	Kuringikavu (kudumbakavu)	Ramesh.K.R Mob : 8281261800	Kurinji jn. Ramapuram		275.00	Nagaraja, Nagayakshi, Chithrakoodam	N 09 <sup>0</sup> 49.731' E 76 <sup>0</sup> 40.546'	Natural Pond
<b>9. VELLILAPPALLIL VILLAGE</b>								
22	Sree Mallikasweeri Devi (Trust)	P.Balachandhiran Mob : 9605721591	Mallikeswari Ramapuram		20.00	Nagaraja, Nagayakshi, chithrakoodam	N 09 <sup>0</sup> 47.708' E 76 <sup>0</sup> 38.771'	CW Full

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<b>KTM/ Mnch 23</b>	Keeripattu Kav (Kudumbakavu)	Balan	Kondot Ramapuram		10.00	Nagaraja, Nagayakshi, Krinagam, Paranagam	<b>N</b> 09 <sup>0</sup> 47.948' <b>E</b> 76 <sup>0</sup> 38.662'	CW Full
24	Edattukandathil (Kudumbakavu)	Rugumaniamma	Chakkampuzha Ramapuram		10.00	Nagaraja, Nagayakshi, chithrakoodam	<b>N</b> 09 <sup>0</sup> 47.884' <b>E</b> 76 <sup>0</sup> 37.916'	
25	Vrindhavanam (Kudumbakavu)	Kusumavalli Mob : 9495393313	Kudapulam Vellilappali		3.00	Nagaraja,	<b>N</b> 09 <sup>0</sup> 47.796' <b>E</b> 76 <sup>0</sup> 37.981'	
26	Pariyathukavu (Kudumbakavu)	Omana vijayakumar Mob : 9446820250	Kudapulam Ramapuram		14.00	Chirtrakoodam, Nagaraja, Nagayakshi,	<b>N</b> 09 <sup>0</sup> 47.819' <b>E</b> 76 <sup>0</sup> 37.899'	
27	Koonjanalkudumbhakavu (Kudumbhakavu)	Harikrishnan Mob : 9633462100	Koonjanal Ramapuram	149/7	35.00	Nagaraja, Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 47.854' <b>E</b> 76 <sup>0</sup> 37.870'	
28	Pallattu kudumbhakavu (Kudumbacommittee)	Murali.P.R Mob : 9847275239	Kudapulam Ramapuram		3.00	Nagaraja, Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 47.960' <b>E</b> 76 <sup>0</sup> 37.500'	CW Full
29	Mudikkattu kavu (kudumba trust)	Rajesh Mob : 8547140999	Mudikkat Ramapuram		5.00	Rakshas, Nagaraja, Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 47.938' <b>E</b> 76 <sup>0</sup> 37.417'	CW Full
30	Parekavu Devikshethram (Trust)	ThankapanNair Mob: 9048344298	Enkombu Kulanad		5.00	Chirtrakoodam, Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 46.618' <b>E</b> 76 <sup>0</sup> 41.598'	CW Full Natural Pond
<b>10. BHRANAGANAM VILLAGE</b>								
31	Bharananganam Sreekrishna swamikshethrm (NSS Trust)	Muraleemanoharan Mob : 9605923000	Keezhambara Bharanaganam		5.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 41.679' <b>E</b> 76 <sup>0</sup> 43.282'	CW Full Pond
32	Chempanikkal kavu (kudumbakavu)	UnnikrishnanNair Mob : 9447233699	Chempanikal Bharanaganam		5.00	Nagaraja, Nagayakshi, chithrakoodam	<b>N</b> 09 <sup>0</sup> 44.772' <b>E</b> 76 <sup>0</sup> 44.913'	
33	Kulapurathukavu (kudumbakavu)	UnnikrishnanNair Mob : 9447233699	Kayyoor Bharanaganam		5.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 45.075' <b>E</b> 76 <sup>0</sup> 44.729'	
34	Chooramala kavu (kudumbakavu)	C.K.RamakrishnanNair Mob : 8157990822	Kurumannu Bharanaganam		4.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 45.180' <b>E</b> 76 <sup>0</sup> 44.586'	
35	Thevaramala Sankaranarayana Devikshethram (Kudumbacommittee)	C.R.Narayanan Nair Mob : 8157990822	Kollappalli Bharanaganam		1100.00	Sankaranarayanasma, Nagangal	<b>N</b> 09 <sup>0</sup> 44.917' <b>E</b> 76 <sup>0</sup> 45.190'	

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<b>KTM/ Mnch</b> 36	Vallammakkal Bhagavathikshethram (kudumbakavu)	K.S.Mohanan Mob : 9446222381	Anthinad Bharanaganam		50.00	Nagaraja, Ngayakshi	<b>N</b> 09 <sup>0</sup> 45.379' <b>E</b> 76 <sup>0</sup> 44.702'	
37	Chooramalakavu (kudumbakavu)	C.R.NarayananNair Mob : 8157990822	Chooramala Bharanaganam		10.00	Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 44.954' <b>E</b> 76 <sup>0</sup> 44.708'	
<b>11. MELUKAVU VILLAGE</b>								
38	Kalluvettam Sreedharmasastha kshethram(Devasam Board)	Syam.P.S Mob: 9526290714	Melukav Melumkavu		20.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 47.759' <b>E</b> 76 <sup>0</sup> 45.658'	
<b>12. MOONNILAVU VILLAGE</b>								
39	Mankombu bhagavathi (kudumbacommittee)	Sreejit varmma Mob : 9747191177	Mankombu Moonilavu		30.00	Khandakarnan, Bhadrakali, Nagaraja, Nagayakshi	<b>N</b> 09 <sup>0</sup> 45.476' <b>E</b> 76 <sup>0</sup> 47.923'	
<b>13. EARATTUPETTA VILLAGE</b>								
40	Pandyankal kudumba yogam vaka kav (Kudumba trust)	Abhilash V Pandiankal Mob: 9526693639	Pandyankal Thalapalam		10.00	Vanadevatha, Nagarajav, Nagayakshi Chithrakoodam	<b>N</b> 09 <sup>0</sup> 42.253' <b>E</b> 76 <sup>0</sup> 46.297'	
41	Incholikav Devi kshethram vaka kav (Family )	Rajendran Thampi 9847746238	Incholikav Thalapalam		10.00	Karinagam Nagarajav, Nagayakshi Chithrakoodam	<b>N</b> 09 <sup>0</sup> 42.242' <b>E</b> 76 <sup>0</sup> 45.980'	Natural pond
<b>14. KONDOOR VILLAGE</b>								
42	Kumanoorkavu (Kudumbhakavu)	Vijayamma Mob: 9447461567	Thidanad Thidanadu		5.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 39.554' <b>E</b> 76 <sup>0</sup> 46.474'	CW Full
43	Erathukavu (Kudumbhakavu)	Vinayakumar Mob: 9496322266	Thidanad Thidanadu		6.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 39.454' <b>E</b> 76 <sup>0</sup> 46.413'	
44	Vaduthala shaktheeswari kshethram(Kudumbhakavu)	RamanNair Mob: 9947128751	Vaduthala Thidanadu		5.00	Nagaraja,Nagayakshi, Chithrakoodam, Bhdhirakali,	<b>N</b> 09 <sup>0</sup> 39.041' <b>E</b> 76 <sup>0</sup> 46.533'	
45	Thandalil sarpakavu (Kudumbhakavu)	Bhavaniyamma Mob: 9946144261	Thandalil Thidanadu		4.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 39.189' <b>E</b> 76 <sup>0</sup> 46.587'	
46	VattakavuDevi kashethram (Dewasam Board)	K.K. Sukumaran Mob: 9446561053	Thidanad Thidanadu		5.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 39.192' <b>E</b> 76 <sup>0</sup> 46. 617'	Natural Pond

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<b>KTM/ Mnch 47</b>	Thidanadu Mahadevikshethram DewasamBoard)	M.N. Raju Mob: 9446502809	Thidanad Thidanadu		4.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 39.298' <b>E</b> 76 <sup>0</sup> 46.542'	CW Full
<b>15. KADAPLAMATTAM VILLAGE</b>								
48	Pacheril nagakshethram (Committee)	T.K.Mohanan Mob: 9447112647	Vayala Kadaplamattam	306/9	5.00	Nagaraja,Nagayakshi, Chithrakoodam	<b>N</b> 09 <sup>0</sup> 43.773' <b>E</b> 76 <sup>0</sup> 35.182'	

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## VAIKOM TALUK

Kavu No KTM/ Vikm	Name of Kavu & Type of Ownership	Contact details of Owner/Custodian/ Management	Location & Panchayath	Sy.No.	Extent (Cents )	Diety / Pooja Details	GPS reading	Remarks Compound Wall Fence/pond
1	2	3	4	5	6	7	8	9
<b>1. VECHUR VILLAGE</b>								
KTM/ Vikm/ 1	Thiyaparambhu (Kudumbha kavu )	Peethambharan Mob: 8129006599	Sasthamkulam Jn Vechur	500/22	12.00	Balabhadhira, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 502' E 76 <sup>0</sup> 25.226'	Natural Pond
2	Vakkayil SreeDharma ShasthaKshetram (Kudumbha Trust )	Krishnan Kutti Nair Mob: 9544068347	Pattathanam Vechur	-	25.00	Ayyappan. Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 584' E 76 <sup>0</sup> 25.248'	
3	Nanthipurathu Kudumbha Sarpakavu (Kudumbha Committee)	Ramachandhiran Nair, Mob: 8281546095	Pattathanam Vechur	499/5-4	5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 619' E 76 <sup>0</sup> 25.198'	Pond
4	Enavelilkavu (Kudumbha Committee)	Narayanan Nair Mob: 9207896548	Pattathanam Vechur	- 499/1-3	5.00	Chithrakoodam Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 714' E 76 <sup>0</sup> 25.033'	Pond
5	Cheriyu Uzhunninpuram (Kudumbha kavu )	Janardhanan Nair Mob:7559981346 Mob: 8078511346	Vaikom, Pattathanam Jn,Vechur	494/15A3	5.00	Uthama Sarpam	N 09 <sup>0</sup> 39. 745' E 76 <sup>0</sup> 24.980'	
6	PuthuParambilkavu (Kudumbha kavu )	Sheejamole Kalesh Mob: 9387220744	Sasthamkulam Vechur	479/10A	5.00	Chithrakoodam,Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 818' E 76 <sup>0</sup> 25.569'	CW Part, Pond
7	Arakkalkavu (Kudumbha kavu )	VasuDevan Mob: 9539294071	Sastha Kshethra Vechur	473/4	11.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 772' E 76 <sup>0</sup> 25.591'	CW Part
8	Thekke Arakkalkavu (Kudumbha kavu )	Remeshan Mob: 9946003310	Sastha Kshethra Vechur	468/7	8.00	Nagaraja , Nagayakashi, Arukula	N 09 <sup>0</sup> 39. 609' E 76 <sup>0</sup> 25.646'	Pond Natural
9	Ai kara Sarpakavu (Kudumbha kavu )	Subramaniya Pilla Mob: 9495704315	Pattathanam Vechur	487/6	3.00	Chithrakoodam, Nagaraja, Nagayakashi	N 09 <sup>0</sup> 40. 017' E 76 <sup>0</sup> 25. 027'	
10	Nilappana Kavuvu (Kudumbha kavu )	Sukumaran Nair Mob: 9400775616	Pattathanam Vechur	487/1A	7.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 033' E 76 <sup>0</sup> 25. 039'	Pond Natural

<b>KTM/ Vikm 11</b>	Attipatel kavu (Kudumbha kavu )	Ganesan Mob: 9495110552	Pattathanam Vechur	490/12	5.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 932' E 76 <sup>0</sup> 24. 924'	Pond Natural
12	Thundaparambhu kavu (Kudumbha kavu )	Peethambharan N.G Mob: 9995541015	Kudavechur Vechur	375/11-2	9.75	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 071' E 76 <sup>0</sup> 25. 453'	Pond Natural
13	Edathodathu kavu (Kudumbha kavu )	Sarajiniyamma Mob: 9895525521	Sasthakshethra Jn. Vechur	480/5	13.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 933' E 76 <sup>0</sup> 24. 381'	Pond Natural
14	Ambhazha Palli Paranthra Mariamma Kudumbhakshethram (Kudumbha Trust )	Murukeshan Mob: 8606554121	Devivilasm School Jn Vechur	377/20	15.00	Mariyamma, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 092' E 76 <sup>0</sup> 25. 471'	Pond Natural
15	Mannadamadam Kavuvu (Kudumbha kavu )	Gopalakrishnan Embran Mob: 9400755812 0482 9275812	Ranimukku Vechur	369/20	3.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 070' E 76 <sup>0</sup> 25. 039'	Pond Natural
16	Edathilambhala kavu (Kudumbha kavu )	Radhakrishnan .E.V. Mob: 9288139009	Cherakulangara Rd Vechur	488/6A	3.5	Chithrakoodam, Devi, Rakshas, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 923' E 76 <sup>0</sup> 25. 099'	
17	Dharmadhaivasanketham (Kudumbha kavu )	Chellappan.K Mob: 9847690477	Pattathanam Vechur	417/4	5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 098' E 76 <sup>0</sup> 25. 206'	
18	Pattathanathutharakavu (Kudumbha kavu )	Mohanam.P.C Mob: 9656553373	Pattathanam TharavathukkalRoad Vechur	498/3	4.00	Chithrakoodam,Guru Nadhan, Bramarakshas, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 811' E 76 <sup>0</sup> 25. 235'	Pond Natural
19	Pelapalli IKavu (Kudumbha kavu )	Premjith.P.S Mob: 8593078173	Pattathanam Vechur	494/4	10.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 39. 757' E 76 <sup>0</sup> 24. 911'	Pond
20	Perumpallil Thail Kavuvu (Kudumbha kavu )	Ad.Vishnu Mob: 9495734653	Ambika Market Jn Vechur		16.00	Nagaraja , Nagayakashi, Devi, Bhadhira, Shasthavu	N 09 <sup>0</sup> 39. 986' E 76 <sup>0</sup> 24. 539'	CW Full Pond Natural
21	Nalam Kuzhi Sarpakavu (Kudumbha kavu )	Chandhirashekarann Nair Mob: 9495652653	Vaikom Panchayath office Jn Vechur	291/7	10.00	Nagaraj , Nagayakashi	N 09 <sup>0</sup> 40. 660' E 76 <sup>0</sup> 25. 287'	CW part Pond Natural
22	Velurkshethrakavu (Kudumbha kavu )	Leelamani Amma Mob: 9447852264	Kayapuram Vechur	292/3A&B	20.00	Chithrakoodam, Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 580' E 76 <sup>0</sup> 25. 389	Pond Natural

<b>KTM/ Vikm</b> 23	Chakkalail Kavuv (Kudumbha kavu )	Chandhiramathi Mob: 9746476182	Kayappam, Vechur	291/12	3.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 604' E 76 <sup>0</sup> 20. 350'	
24	Chemmalakavu (Kudumbha kavu )	Sachidhanandhan .C.S Mob: 9446325471	Opp: Veterinary Office Vechur	290/13	5.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 763' E 76 <sup>0</sup> 25. 209'	CW part Pond Natural
25	Kiliyattu Sarpakavu (Kudumbha kavu )	Chandrika.P Mob: 9497088170	Vaikom, Bund Road, Vechur	292/22	14.00	Nagaraja , Nagayakash,i Gandharvan, Yakshiyamma	N 09 <sup>0</sup> 40. 528' E 76 <sup>0</sup> 25. 331'	Pond Natural
26	Asariparambukavu (Kudumbha kavu )	Shiva Das Mob: 9995148797	Bund Road Jn, Vechur	308/3	10.00	Nagaraja , Nagayakashi, Bhagavathi	N 09 <sup>0</sup> 40. 379' E 76 <sup>0</sup> 25. 363'	Pond Natural
27	Perailkavu (Kudumbha Committee)	Moni.P.V Mob: 8606757012	Cherakulangara, Pariyaym Road Vechur	283/11	5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 616' E 76 <sup>0</sup> 24. 711'	
28	Panavelilkavu (Kudumbha kavu )	Prakashan Mob: 8921909405	Ambhika Market Road, Vechur	282/9-1	5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 472' E 76 <sup>0</sup> 24. 659'	Pond Natural
29	KattezhathuSarpakavu (Kudumbha kavu )	Shylakumar.K.R Mob: 9495216001	Vaikom, Ambhika Market Vechur	366/13-2	10.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 119' E 76 <sup>0</sup> 24. 696'	Pond Natural
30	Muthiraparamnhkavu (Kudumbha kavu )	Ambhika .P.K Mob: 9497222603	Edayazham Vechur	204/18A 1-2	4.00	Nagaraja ,Nagayakashi, Bhadra, Gandharvan	N 09 <sup>0</sup> 41. 419' E 76 <sup>0</sup> 25. 443'	Pond Natural
31	Kumbhalathukavu (Kudumbha kavu )	Sajith Kumar Mob: 9287677050	Vaikom, Edayazham Jun, Vechur	233/6A	5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 41. 111' E 76 <sup>0</sup> 25. 237'	Pond Natural
32	Kuruppasherykavu (Kudumbha kavu )	Reji.K.P Mob: 9400676896	Vaikom, KumarakamRoad Vechur	240/1A	11.00	Nagaraja , Nagayakashi Bhadhirakali, Annapoorneshwari	N 09 <sup>0</sup> 41. 187' E 76 <sup>0</sup> 25. 729'	
33	Kuttichirakavu (Kudumbha kavu )	Rajesh Mob: 8606814963	Vaikom, Edayazham Jun Vechur		8.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 41. 441' E 76 <sup>0</sup> 25. 687'	Pond

<b>KTM/ Vikm</b> 34	Kottuvallikavu (Kudumbha kavu )	Neelakanda Iyer Mob: 9447040297	Vaikundapuram Vechur	221/10	4.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 853' E 76 <sup>0</sup> 25. 171'	
35	Kanavailimadathilkavu (Kudumbha kavu )	Raji Mob: 9447040297	Vaikundapuram Vechur	221/13A	5.00	Chithrakoodam, Nagaraja ,	N 09 <sup>0</sup> 40. 901' E 76 <sup>0</sup> 25. 170	Pond Natural
36	Valiyara SreeSubramaniya Vanadhurga Bhgavathikshethram (Kudumbha Committee)	Santhosh Mob: 9745320168	Edayazham Vechur		10.00	Subramonian, Vanadurga, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 41. 287' E 76 <sup>0</sup> 25. 891'	Pond Natural
37	Manayil Sarpakavu (Kudumbha Committee)	Narayanan Mob: 8891163345	Vaikom, Ambhika Market, Vechur	284/28A- 1-5	10.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 549' E 76 <sup>0</sup> 24. 856'	CW part Pond Natural
38	Valichirayil Sarpakavu (Kudumbakavu)	Ponnamma Chithrangathan Mob: 9961124724	Vaikom, Ambhika Market Vechur	591/1	4.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 774' E 76 <sup>0</sup> 24. 671'	
39	Paramittathu Sarpakavu (Kudumbha kavu )	Kaladharan.P.V Mob:9645636183	Vaikom, Ambhika Market Vechur	179/24	4.00	Akilasarpangal	N 09 <sup>0</sup> 40. 699' E 76 <sup>0</sup> 24. 666'	CW part Pond Natural
40	Thevarakattu Sarpakavu (Kudumbha kavu )	Rajagopalan. Mob: 9446122643	Cherakulangara Pattathanam Road Vechur	368/5A1	10.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 203' E 76 <sup>0</sup> 24. 975'	Pond Natural
41	Amaramkannampallikavu (Kudumbha kavu )	Sachidhananda Panickar Mob: 9744822741	Ranimukku, Vechur		20.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 281' E 76 <sup>0</sup> 25. 004'	
42	Poothezhathu Sarpakavu (Kudumbha kavu )	T.G.Chandrasekaran Nair Mob: 9400916465	Cherakulamgara Ranimukku Road, Vechur	354/21	6.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 259' E 76 <sup>0</sup> 24. 884'	Pond Natural
43	Thekke Poothezhathukavu (Kudumbha kavu )	Saradhamma Mob: 9744817492	Cherakulangara Ranimukku, Vechur	354/21-2	3.00	Anchuthalamaninagam	N 09 <sup>0</sup> 40. 217' E 76 <sup>0</sup> 24. 889'	Pond Natural
44	Kannikulathu Sarpakavu (Kudumbha kavu )	Chandhirasekharan .K. Mob: 9633281225	Vechur Palli, Vechur	366/11	7.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 40. 142' E 76 <sup>0</sup> 24. 711'	Pond Natural

KTM/ Vikm 45	Pathiyasseril kavu (Kudumbha kavu )	Vikayalakshmi Mob:9497684507	Vechur Palli, Vechur	366/A2	8.00	Chithrakoodam, Nagaraja	N 09 <sup>0</sup> 40. 120' E 76 <sup>0</sup> 24.734'	Pond Natural
46	Pattathanathuthara Kavu (Kudumbha kavu )	Mohanan PC 9656553373	Pattathanum Tharavathukkal Rd, Vechur	498/3	12	Chithrakoodam, Nagaraja, Nagayakshi, Gurunadhan , Brahmarakshass	N 09 <sup>0</sup> 39. 811' E 76 <sup>0</sup> 25.235'	Pond
<b>2. THALAYAZHAM VILLAGE</b>								
47	Puthumana Sarpakavu (Kudumbha kavu )	Sasidhara Sharma Mob: 9446270810	Ullala pally Thalayazham	430/1	5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 960' E 76 <sup>0</sup> 24. 969'	Pond
48	Aanikkapallil Devikshethram (Kudumbha Committee)	Jayachandran.K Mob: 7025544475	Ullalappally Thalayazham		7.00	Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43. 174' E 76 <sup>0</sup> 24. 948'	CW Part Pond Natural
49	Yakshiyambhalakavu (Kudumbha Committee)	Purushothaman Mob: 9496144159	Thalayazham Thalayazham	231/15A1	10.00	Yakshiyamma, Chithrakoodam Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43. 270' E 76 <sup>0</sup> 25. 260'	Pond Natural
50	Vattappallikavu (Kudumbha kavu )	Rajashekarana Mob: 9446271030	St.Mary's Church Jn Thalayazham	252/6G	10.00	Chithrakoodam Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43. 268' E 76 <sup>0</sup> 25. 123'	Pond
51	Kakkanattukudumbhakavu (Kudumbha kavu )	Jagathambika Mob: 9495380724	Maramveedu Jn Thalayazham		5.00	Chithrakoodam Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43. 360' E 76 <sup>0</sup> 24. 970'	CW Part (3side) Pond
52	Panichanthuruthukavu (Kudumbha kavu )	Purushothaman Mob: 9446921063	Vaikom, Vietanam Jn, Thalayazham	264/16	3.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43. 682' E 76 <sup>0</sup> 25. 274'	Pond
53	Nenmeliikavu (Kudumbha kavu )	Gopalakrishnan Nair Mob: 9995621890	Vaikom, Valanjambalam, Thalayazham		7.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43. 843' E 76 <sup>0</sup> 24. 791'	
54	Kallupurakalkshethrakavu (Kudumbha kavu )	Narayanan Mob: 9497088499	Vaikom, Thottakam Jn, Thalayazham	299/20A	8.00	Kandakarnan, Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 44. 020' E 76 <sup>0</sup> 25. 012'	Pond
55	Kulathoorkudumbhakavu (Kudumbha kavu )	Manoharan Mob: 9497665387	Vaikom, Madampalli, Thalayazham	40/10A	4.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 41. 822' E 76 <sup>0</sup> 25. 133'	Pond Natural
56	Elanjikavu (Public Committee)	Babu Mob: 9497320294	Vaikom, Madampalli Jn, Thalayazham	41/1A&1B	5.00	Nagaraja , Nagayakashi, Durgadevi, Arukula	N 09 <sup>0</sup> 41. 835' E 76 <sup>0</sup> 25. 026'	

<b>KTM/ Vikm</b> 57	Kannanpallikshethrakavu (Kudumbha Committee)	Purushothaman Mob: 9446714807	Vaikom, Puthanpalam jn, Thalayazham		6.00	Bhadhirakali,Gandharvan , Nagaraja , Nagayakashi	N 09 <sup>0</sup> 41. 691' E 76 <sup>0</sup> 25. 782'	Pond Natural
58	Kochujnattukavu (Kudumbha kavu )	Sathyan.K.N Mob: 9746915836	Vaikom, Punnapozhi Jn, Thalayazham	26/8A,B	5.00	Dhurgadevi, Brhamarakshassu, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 41.893' E 76 <sup>0</sup> 25. 785'	Pond Natural
59	Tharayasseriyilkavu (Kudumbha Trust )	Sathyan.P Mob: 9747101110	Vaikom, Punnapozhi Jn, Thalayazham	24/11	5.00	Gurunadhan, Rakshas, Arुकual, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 41.914' E 76 <sup>0</sup> 25. 229'	Pond Natural
60	Koyyilkavu (Kudumbha kavu )	Rajendran Nair Mob: 8289866912	Vaikom, Alathur Jn, Thalayazham	108/3	5.00	Nagaraja , Nagayakashi, Rakshas	N 09 <sup>0</sup> 42.339' E 76 <sup>0</sup> 25. 857'	CW Part
61	Pongayilkavu (Kudumbha kavu )	Mohankumar Mob: 8086855194	Vaikom, Alathur Jn, Thalayazham		15.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 217' E 76 <sup>0</sup> 25. 906'	Pond Natural
62	Moolayi ISarpakavu (Kudumbha kavu )	AmirthaRaj Mob: 9400230760	Vaikom, Alathur Jn, Thalayazham	104/10	4.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 161' E 76 <sup>0</sup> 25. 913'	CW Part
63	Poovillamkavu (Kudumbha kavu )	P.S.Krishnan Moosath Mob: 9400775418	Vaikom, Madapalli Jn,Thalayazham	35/4	20.00	Chithrakoodam, Anchila maninagam, Paranagam, i	N 09 <sup>0</sup> 41.835' E 76 <sup>0</sup> 25. 365'	
64	IlayadathuKavu (Kudumbha kavu )	Chandramohanan Nair Mob: 9495195607	Vaikom, Madapalli Jn, Thalayazham	59/3A1	7.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 41.896' E 76 <sup>0</sup> 25. 360'	CW Part Pond Natural
65	Perumpuzhipuramkavu (Kudumbha kavu )	Krishnankutty Mob: 9746773588	Vaikom, Alathur Jn, Thalayazham	80/2A	3.00	Chithrakoodam, Nagaraja, Nagayakashi	N 09 <sup>0</sup> 42.094' E 76 <sup>0</sup> 25. 272'	
66	Thottathil Sreedharma Sastha Devi Kshethrakavu (Kudumbha Committee)	Gogulan Mob: 8129635913	Vaikom, Alathur Jn, Thalayazham		90.00	Sastha, Devi, Ganapathy, Chithrakoodam, Nagaraja, Nagayakashi	N 09 <sup>0</sup> 42.318' E 76 <sup>0</sup> 25.612'	Pond Natural
67	Sree Rajarajeswery (Kudumbha Committee)	AnilKumar Mob: 9562481522	Vaikom, Ullalla Jn, Thalayazham		20.00	Devi, Nagaraja, Nagayakashi	N 09 <sup>0</sup> 42.340' E 76 <sup>0</sup> 25.300'	Pond Natural
68	Attiparambu Sarpakavu (Kudumbha kavu )	Bahuleyan Mob: 9562782823	Vaikom, Ullalla Jn Thalayazham	49/2A	20.00	Valiachan, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 013' E 76 <sup>0</sup> 24.606'	
69	Venmanezhathukavu (Kudumbha kavu )	Anjana Mob: 9847582025	Vaikom, Ullalla, Thalayazham	78/1-3	15.00	Nallachan, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 254' E 76 <sup>0</sup> 25. 501'	Pond Natural

<b>KTM/ Vikm 70</b>	Thuruthipallikshethrakavu (Kudumbha Committee)	Salimkumar Mob: 9447197077	Vaikom, Kothavara Thuruthipalli Rd, Thalayazham		5.00	Bhadhrakali, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 42.872' <b>E</b> 76 <sup>0</sup> 24.673'	
71	Purathezhathu Sarpadeiva trust (Kudumbha Trust)	Radhakrishnan Mob: 9446604591	Vaikom, Kumarakam Rd, Thalayazham	198/12	5.00	Chithrakoodam, Rakshas Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 42.870' <b>E</b> 76 <sup>0</sup> 24.675'	CW Part
72	Nettiyatharakshethrakavu (Kudumbhakshethram)	Surendran Mob: 9567197982	Vaikom, Cherthal Rd, Thalayazham	223/8-3	10.00	Devi, Chithrakoodam, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 43. 006' <b>E</b> 76 <sup>0</sup> 24.777'	CW Part Pond
<b>3. VAIKOM VILLAGE</b>								
73	Pallathukavu (Kudumbha kavu )	Lijikumar Mob: 9847067551	Vaikom, Kizhakenada Vaikom Municipality	13/2	10.00	Chithrakoodam, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 44. 611' <b>E</b> 76 <sup>0</sup> 24. 557'	Pond
74	Ayyarapallilkavu (Kudumbha kavu )	Girichandran Mob: 9447146574	Vaikom, izhakenada- Cheinjeri Rd, Vaikom Municipality	19/1A	12.00	Chithrakoodam, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 44. 724' <b>E</b> 76 <sup>0</sup> 24. 539'	Pond Natural
75	Vendiserrykudumbakavu (Kudumbha kavu )	Padmakshi Mob:8301065078	Vaikom, Vazhamana Rd Vaikom Municipality	38/10-11	10	Gurunadhan, Kandakarnan, Shasthavu, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 45.007' <b>E</b> 76 <sup>0</sup> 24. 772'	Pond Natural
76	Keetuparambukavu (Kudumbha kavu )	Janaki Mob: 9744727929	Vaikom, Chalaparambu Rd, Vaikom Municipality	68/17A2	5.00	Chithrakoodam, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 45.967' <b>E</b> 76 <sup>0</sup> 24.961'	Pond Natural
77	Nambiyadathukovilakam (Kudumbha kavu )	Rajarajavarma Mob: 8289938710	Vaikom, Kshethram Rd Vaikom Municipality	158/18C	3.00	Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 44. 316' <b>E</b> 76 <sup>0</sup> 24. 487'	Pond Natural
78	Vadaserrillamkavu (Kudumbha kavu )	Krishnan Namboothiri Mob: 9497093695	Vaikom, Alumood Vaikom Municipality	134/8-1	7.00	Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 45. 972' <b>E</b> 76 <sup>0</sup> 23. 530'	Pond Natural
<b>4. TV PURAM VILLAGE</b>								
79	Kizhakekarakavu (Kudumbha kavu)	K.K.Sudhakaran Mob: 9400910611	TV Puram Boat jetty jn TV Puram	2/11A1,& B1	15.00	Yakshi. Gandharvan, Dharma Sastha, Nagaraja, Nagayakashi	<b>N</b> 09 <sup>0</sup> 42.094' <b>E</b> 76 <sup>0</sup> 23.316'	Pond
80	Chirayiltharayilkavu (Kudumbha kavu)	Ravi.K Mob: 8281619781	Vaikom, Pazhuvalli Jn TV Puram	62/7A	8.00	Rakshas, Devi, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 42. 994' <b>E</b> 76 <sup>0</sup> 23. 599'	Pond

<b>KTM/ Vikm</b> 81	Puthukadu Kav (Kudumbha kavu)	Sajimol Mob: 9496635029	Vaikom, Panchayath Jn TV Puram	39/1	5.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42.461' E 76 <sup>0</sup> 23. 314'	
82	Chelakkapallikavu (Kudumbha kavu)	Muraleedharan Nair Mob: 9747492923	Vaikom, Vattayil Jn, TV Puram	35/28, 35/8	30.00	Shivabhadhra, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 504' E 76 <sup>0</sup> 23. 322'	Pond
83	Ambhazhathukavu (Kudumbha kavu)	Reguvaran Mob: 7025142864	Vaikom, Vathapalli Junction, TV Puram	53/10	5.00	Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 835' E 76 <sup>0</sup> 23. 744'	
84	Kuruvelikavu (Kudumbha kavu)	Pradeep Mob: 9744289240	Vaikom, TV Puram	86/27B-1	6.75	Arukula, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43.310' E 76 <sup>0</sup> 23.486'	Pond
85	Mazhuvancherikavu (Kudumbha kavu)	Omanakuttan Mob: 9496129315	Vaikom, Mattapally Jn, TV Puram	85/26A	5.00	Arukula, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43.161' E 76 <sup>0</sup> 23.393'	Pond
86	Kakkyi ISarpadharmma Deivam (Kudumbha kavu)	Sabu Mob: 9947965085	Vaikom,Mattapally Jn TV Puram		5.00	Arukola, Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43.117' E 76 <sup>0</sup> 23.564'	Pond
87	Chiryiktharayilkavu (Kudumbha kavu)	Ravi.K Mob: 8281619781	Vaikom, Pazhuvalli Jn TV Puram	62/7A	8.00	Rashas, Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 994' E 76 <sup>0</sup> 23. 599'	Pond
88	Thekkanezhathukavu (Kudumbha kavu)	Shibu Mob: 9895472056	Cheruparambu kshethram TV Puram	23/9	8.00	Devi, Gurunadhan, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42.362' E 76 <sup>0</sup> 23. 704'	Pond
89	Kozhisery (Kudumbha kavu)	Vijayalakshmi Mob: 9995390520	Cheruparambu Kshethram TV Puram	23/6A	4.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 438' E 76 <sup>0</sup> 23. 721'	
90	Chirayilkavu (Kudumbha kavu)	Raghavan Mob: 9746413457	Parakattukulangara Jn, TV Puram	57/20-2	3.00	Chithrakoodam, Gurunadhan, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 768' E 76 <sup>0</sup> 23. 281'	Pond
91	Madathilkavu (Kudumbha kavu)	Kumaran Mob: 9895527878	Parakattukulangara Jn TV Puram		4.00	Gurunadhan,Brahmaraks hassu, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42.620' E 76 <sup>0</sup> 23.231'	Pond
92	Kattezhathukavu (Kudumbha kavu)	K V Chidhambharan Mob: 9446050294	Vattayil Jn TV Puram	36/21-1	3.50	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42.534' E 76 <sup>0</sup> 23.202'	Pond
93	Mankavu dharm deiva kshethram(Kudumbhaksh ethram)	Ambilikuttan Mob: 9895296323	Mankavu Jn TV Puram	18/10	10.00	Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 377' E 76 <sup>0</sup> 23. 080'	Pond

<b>KTM/ Vikm</b> 94	Mankavu dharma deiva kshethram(Kudumbhaksh ethram) II	Ambhilkuttan Mob: 9895296323	Mankav Jn TV Puram	18/19	5.00	Pelaesarpam	N 09 <sup>0</sup> 42.375' E 76 <sup>0</sup> 23. 096'	
95	Kadamparakavu (Kudumbha kavu)	Prasannan Mob: 9947476829	Thirunelly In TV Puram		10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 42. 436' E 76 <sup>0</sup> 22. 797'	Pond
96	Marakkaswerrykavu (Kudumbha kavu)	Snehalatha Mob: 9400900585	Thrinayamkudam jetty, TV Puram	1/22	3.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 126' E 76 <sup>0</sup> 23. 176'	
97	Plathukavu (Kudumbha kavu)	Leela Purushothaman Mob: 95967780791	Thavanvally TV Puram		7.00	Bhrammarakshas, Sastha, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42.122' E 76 <sup>0</sup> 23.223'	
98	Ambhalatharakavu (Kudumbha kavu)	Sreeraj Mob: 9447020846	Moothedathu kav TV Puram	10/9	9.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42.322' E 76 <sup>0</sup> 24.019'	
99	Kollerilkavu II (Kudumbha kavu)	Aysha Gopalakrishnan Mob: 9947861475	TV Puram Boat Jetty TV Puram	3/20B	5.00	Nagaraja	N 09 <sup>0</sup> 42. 097' E 76 <sup>0</sup> 23. 501'	
100	Kollerilkavu I (Kudumbha kavu)	Vidhyadharan Mob: 9446639166	TV Puram Jetty TV Puram	3/20	5.00	Paranagam, Nagaraja	N 09 <sup>0</sup> 42.115' E 76 <sup>0</sup> 23. 527'	Pond
101	Pokkanezhathukavu (Kudumbha kavu)	Kaladharan Mob: 9947471719	Vaikom, Vattayil Jn, TV Puram	34/12	4.00	Gandharvan, Yakshi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 520' E 76 <sup>0</sup> 23. 445'	Pond
102	Ambadikavu (Kudumbha kavu)	Reghuvaran Mob: 9446371001	TV Puram Boat Jetty, TV Puram	2/26B	5.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 124' E 76 <sup>0</sup> 23. 413'	CWPart Pond
103	Kuttikottayil (Kudumbha kavu)	Radhamani Mob: 9633801316	TV Puram Boat Jetty TV Puram	2/27C	4.00	Chithrakoodam, Paranagam, Rakshassu, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42.094' E 76 <sup>0</sup> 23.392'	Pond
104	Kizhakkumveliyathu (Kudumbha kavu)	Mangalan Mob: 9446611189	TV Puram jn TV Puram	22/28B2	10.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 295' E 76 <sup>0</sup> 23. 592'	Pond
105	Thuruthummangalam (Kudumbha kavu)	Rakesh Mob: 9745302074	Moothedath kavu TV Puram	24/39A-5	5.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42.444' E 76 <sup>0</sup> 23. 946'	Pond
106	Kizhimugathuputhanpural kkal (Kudumbha kavu)	Sugatha Panickar PR Mob: 9995441661	Pandarathuthara jn TV Puram	12/12B	7.00	Bhoothakalayakshi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 224' E 76 <sup>0</sup> 23. 873'	Pond
107	Ananthankerikavu (Kudumbha kavu)	Dr.Sreekumar Mob:	Amala Public School jn, TV Puram	162/20A	4.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 477' E 76 <sup>0</sup> 24. 114'	Dug
108	Venmelikavu (Kudumbha kavu)	Devadhasan Mob:	Amala School jn TV Puram	162/19 A	7.00	Chithrakoodam, Arukula, Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42.558' E 76 <sup>0</sup> 24.143'	CW Full

<b>KTM/ Vikm 109</b>	Kuttikkattilkavu (Kudumbha kavu)	Ramadasan Mob: 9895175252	Kottarappali Hospital jn TV Puram	68/1A	3.00	Paranagam, Gurunadhan, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42.999' E 76 <sup>0</sup> 23.870'	
110	Appakkalkudumbhakavu (Kudumbha kavu)	Dhineshan Sahadevan Mob:9961453366	Vadappally jn TV Puram	48/14B	8.00	Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 42. 849' E 76 <sup>0</sup> 24. 173'	Pond
111	Vadakodilkavu (Kudumbha kavu)	Shivadasan Mob:	Vadakodil jn,TV Puram	96/27-C	3.00	Bhadrakali, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43.170' E 76 <sup>0</sup> 24. 325'	Pond
112	Chemmanathukara Sreekrishnaswami Kshethra (SNDP Union )	Mohanana Mob:	Vaikom, Chemmanathukara Jn, TV Puram	113	3.00	Krishnan, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43. 423' E 76 <sup>0</sup> 24. 376'	CW Full Pond
113	Pulliyathukudumbhakavu (Kudumbha kavu)	Sreekumari	Vaikom, Opp:St Antony Church TV Puram	131C	3.00	Brahmarakhasu, Sribhadra, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43. 613' E 76 <sup>0</sup> 24. 424'	Pond
114	Muthiraparambhukavu /Karipeharakavu (Kudumbha kavu)	Radhakrishnan	Vaikom,Kanisseri Jn TV Puram	134/60B	3.00	Devi, Arukula, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43.970' E 76 <sup>0</sup> 23.941'	CWPart Pond Natural
115	Kalpakaserykavu (Kudumbha kavu)	Rajarajavarma & Ravi Varma	Vaikom, Kalpakasery, TV Puram		5.00	Bhagavathi,, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 43.825' E 76 <sup>0</sup> 24.058'	Pond Natural
116	Mandaseril Sarpakkavu (Kudumbha kavu )	Pushpamgathan Mob: 9400419909	Mandaseril T.V. Puram	22/26	10.5	Devi, Bhadrakali, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 42.322' E 76 <sup>0</sup> 23.655'	CW Full
<b>5. NADUVILA VILLAGE</b>								
117	Kaviyilmadam (Kudumbha kavu )	Somasekharan Nair Mob: 9895061123	Kaiyil mata Vaikom Municipality	43/21A	5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45. 008' E 76 <sup>0</sup> 24. 258'	Pond Natural
118	Kollerilchirakavu (Kudumbha kavu )	Ashokan Mob: 9605830340	Kaviyil mata Rd,Vaikam Muni	43/8B	4.00	Arukula, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 44.893' E 76 <sup>0</sup> 24. 290'	Pond Natural
119	Kakoliikavu (Kudumbha kavu )	Vijayan Nair Mob: 9207005031	Vaikom, Ayyarukulangara Ambalam jn Vaikom Municipality	21/1-1	4.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45.780' E 76 <sup>0</sup> 24.648'	CWFull
120	Kunumpurathukavu (Kudumbha kavu )	Chandhirasekaran Nair Mob: 9495704377	Vaikom, Kizhakenada- Arattukulangara Vaikom Municipality	71/2B1	7.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45. 242' E 76 <sup>0</sup> 24. 413'	

<b>KTM/ Vikm 121</b>	Kolothukavu (Kudumbakavu)	Premachandra Varma Mob : 9605965760	Chalapparambu, Naduvila, Vaikom Municipality	77/14 D	7.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 45.401' E 76 <sup>0</sup> 24.456'	Natural Pond
122	Muttiyathara kavu (Kudumbakavu)	Suvarnan K.R. Mob : 9605965160	Koprambu, Vaikom Municipality	71/7-1	5.00	Gandharvan, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 45.320' E 76 <sup>0</sup> 24.722'	Natural Pond
123	Mangattu Sarpakavu (Kudumbakavu)	Purushothaman K. Mob : 8547225912	Koparambu, Vaikom Municipality	68/A2	10.00	Nagaraja, Nagayakshi, Arukula	N 09 <sup>0</sup> 45.332' E 76 <sup>0</sup> 24.605'	CW Full Natural Pond
124	Nagamboozhimana (Kudumbakavu) (4Bits)	Pradeep (Hari Govindan Namboodiri) Mob : 9447186369	Nagampoozhi mana Vaikom Municipality	159/1A 159/2,3	120	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 45.600' E 76 <sup>0</sup> 23.745'	CW Full Natural Pond
<b>6. VADAKEMURI VILLAGE</b>								
125	Kadamattukavu (Kudumbha kavu )	Dr.Rajagopal Mob: 9446584569	Vaikom, Udayanapuram, Vaikom Municipality	57/16A,B	10.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 395' E 76 <sup>0</sup> 23. 533'	Pond Natural
126	Lakshmeshri Kavu (Kudumba Kavu)	Mualeedharan 9446758459	Alummood jn Vaikom Municipality	39/27-2	5.00	Chithrakoodam, Nagaraja	N 09 <sup>0</sup> 46. 264' E 76 <sup>0</sup> 23. 367'	
127	Pulingappalli kavu (Kudumbakavu)	Krishnan Namboothiri Mob : 9443822120	Pulingappalli Vaikom Municipality	173/2	30	Chitrakoodam, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 45.982' E 76 <sup>0</sup> 23.605'	CW Part Natural Pond
128	Kochukurukatharakavu (Kudumbha kavu )	Vishnu Mob: 9061773758	Vaikom, Kootingal Udhayanapuram	83/14	5.00	Arukula, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46.984' E 76 <sup>0</sup> 23.441'	
129	Onpathuparakavu (Kudumbha kavu )	Shaji Mob: 9495302966,	Vaikom Muthenpuzha jn Udhayanapuram	87/21	5.00	Nagaraja, Nagayakashi	N 09 <sup>0</sup> 46. 961' E 76 <sup>0</sup> 23. 369'	CW Part
130	Muthanpuzhakavu (Kudumbha Committee)	Thankappan Mob: 9744003679	Vaikom, Kootingal kadav Udhayanapuram	84/12A	8.00	Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 891' E 76 <sup>0</sup> 23. 353'	CW Part
131	Mavelitharakavu (Kudumbha kavu )	M.K.Sarasamma	Vaikom, Irupazhikara SNDP Udhayanapuram		5.00	Arukula, Devi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 534' E 76 <sup>0</sup> 23. 934'	CW Part Pond Natural
132	Thenginpallil kavu (Kudumbha kavu )	Prakashan Mob: 9656939001	Vaikom, Chattampikavala jn Udhayanapuram	170/20	8.00	Gurunadhan, Rakshas, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 484' E 76 <sup>0</sup> 24. 125'	Pond Natural

<b>KTM/ Vikm 133</b>	Kalampattkavu (Kudumbha kavu )	Rameshan Mob: 9349343182	Vaikom, Chattambikavala, Udhayanapuram	169/13	8.00	Chithrakoodam, Devi, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 46.474' <b>E</b> 76 <sup>0</sup> 24. 185'	CW Part Pond Natural
134	Valiyaveeduthunduparam bhu(Kudumbha kavu )	Leela Mob: 9188144591	Vaikom, Irumpuzhikara, Udhayanapuram	162/19A	3.00	Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 46.474' <b>E</b> 76 <sup>0</sup> 24.286'	CW Part
135	Thachadathutharakavu (Kudumbha kavu )	Saleesh Mob: 9526242774	Vaikom, Irumpuzhikara, Udhayanapuram	162/20A	4.00	Devi, Yakshi, Gandarvan, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 46. 477' <b>E</b> 76 <sup>0</sup> 24. 304'	Pond Natural
136	Chethyil Sreedhurha Bhagavathi Badhirakalishethrakavu (Kudumbha Trust)	V.K. Ponnappan Mob: 9447490855	Vaikom, Pithrukunnam, Udhayanapuram	11/20-1-A	25.00	Bhadhirakali, Dhurga, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 46. 770' <b>E</b> 76 <sup>0</sup> 23. 023'	Pond
137	Vilangattukavu (Kudumbha Committee)	Chandrasekaran Nair Mob: 9249894439	Vaikom, Nanadam, Udhayanapuram	11/6	8.00	Devi, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 46. 821' <b>E</b> 76 <sup>0</sup> 23. 724'	Pond Natural
138	Chaypallikavu (Kudumbha kavu )	Moni.V.K Mob: 9895958352	Vaikom, Harijanmukku, Udhayanapuram	67/2	10.00	Chithrakoodam, Nagaraja , Nagayakashi, Karinagam	<b>N</b> 09 <sup>0</sup> 46. 710' <b>E</b> 76 <sup>0</sup> 22. 655'	Pond Natural
139	Idathalakavu (Kudumbha kavu )	Kamalamma.T Mob: 9656044320	Vaikom, Nerekadavu Rd, Udhayanapuram	56/2	4.00	Nagaraja , Nagayakashi, Nagakanyaka	<b>N</b> 09 <sup>0</sup> 46.379' <b>E</b> 76 <sup>0</sup> 23.363'	CWPart
140	Cherukarakavu (Kudumbha kavu )	Jagathamma K Mob: 9544990292	Vaikom, Nerekadavu Rd, Udhayanapuram	56/1A	5.00	Chithrakoodam, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 46. 523' <b>E</b> 76 <sup>0</sup> 23. 505'	Pond Natural
141	Kattuvallitharakavu (Kudumbha kavu )	Thankappan.K.N Mob: 9605127066	Vaikom, Nerekadavu Rd, Udhayanapuram	62/4	7.00	Gurunadhan, Rakshas, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 46.648' <b>E</b> 76 <sup>0</sup> 23. 334'	Pond
142	Kurupantharakavu (Kudumbha kavu )	Vishnu.K.R Mob: 9400597402	Vaikom, Nerekadavu Rd, Udhayanapuram	62/10A	6.00	Chithrakoodam,Nagaraja, Gurunadhan, Nagayakashi, Brahmarakshassu	<b>N</b> 09 <sup>0</sup> 46. 654' <b>E</b> 76 <sup>0</sup> 23. 386	Pond Natural
143	Valiyara Devikshethrakavu SNDP shaga131 vaka	Remeshan Mob: 9400525468	Vaikom, Nerekadavu Rd, Udhayanapuram	52/16	88	Deva, Nagaraja , Nagayakashi	<b>N</b> 09 <sup>0</sup> 46. 494' <b>E</b> 76 <sup>0</sup> 23. 049'	Pond Natural

<b>KTM/ Vikm 144</b>	Azhakantharakavu (Kudumbha kavu )	Gopalakrishnan N Mob: 9961228539	Vaikom, Nerekadavu Rd, Udhayanapuram	52/21B	6.00	Devi, Muthapan, Karunagayakshi	N 09 <sup>0</sup> 46.486' E 76 <sup>0</sup> 22.950'	
145	Tharayil Sarpakavu (Kudumbha kavu )	Babu.T.G Mob: 9567115423	Vaikom, Nerekadavu Rd, Udhayanapuram	53/2A	5.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46.577' E 76 <sup>0</sup> 23.132'	
146	Paletharakavu (Kudumbha Committee)	Shibu.T.V Mob: 9747012454	Vaikom, Nanadom, Udhayanapuram	175/13B1	18.00	Devi, Arukula Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 889' E 76 <sup>0</sup> 24. 028'	Pond Natural
147	Kurakatharakshethram (Kudumha Trust)	Raveendran B Mob: 9446370873	Vaikom, Parmbathupadavu, Udhayanapuram	52/1,2	12.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 6029' E 76 <sup>0</sup> 23. 064'	CW Part
<b>7.KULASHEKARAMANGALAM VILLAGE</b>								
148	Pattaserykavu (Kudumbha kavu )	Ambili.S Mob: 9447569057	Chirayil kadav Maravanthuruthu	26/18A	5.00	Nagaraja , Nagayakashi, Bhagavathy	N 09 <sup>0</sup> 47.167' E 76 <sup>0</sup> 26.034'	CW Part
149	SreeDharmasasthakavu (Kudumbhakshethrakavu )	Parvathikunjamma Mob: 9895237934	Vakayil kshethra jn Maravanthuruthu		20.00	Dharma Sastha, Bhuvaneswari, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47. 378' E 76 <sup>0</sup> 26. 273'	CW Part
150	Sreevilasamkavu (Kudumbha kavu )	K KrishnanNair Mob: 0489236301	Vakayil Maravanthuruthu		7.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47. 413' E 76 <sup>0</sup> 26. 242'	Pond Natural
151	Vakkayilkavu (Kudumbha kavu )	Parvathikunjamma Mob: 9895237934	Vakayil Maravanthuruthu	112/5A	10.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47. 421' E 76 <sup>0</sup> 26. 362'	Pond Natural
152	Vakkayilkavu II (Kudumbha kavu )	Smitha Venugopal Mob: 0489236780	Vakayil Maravanthuruthu	113/7B	5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47. 505' E 76 <sup>0</sup> 26. 487'	
153	Chittezhathukshethrakavu (Public Commettee)	Devika Mob: 9142428843	Plappalil Maravanthuruthu	5/7B	10.00	Devika, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47.630' E 76 <sup>0</sup> 26. 767'	
154	Ilanjiyikavu (Kudumbha Committee)	Sunil Mob: 9847749693	Chittezhath Maravanthuruth	3/5	7.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47.754' E 76 <sup>0</sup> 26.915'	Pond Natural
155	Thuravur Illamkavu (Kudumbha kavu )	G Vasudevan Illayathu Mob: 9495661405	Thaikal jn Maravanthuruthu	4/18B	10.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47. 806' E 76 <sup>0</sup> 26. 820'	Pond Natural
156	Nagunmmelil Gandharvakshethrakavu (Kudumbhakshethrakavu )	Mohanana Mob: 9497823069	Chungam Maravanthuruthu	44/80	16.00	Gandharvan, Yakshi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47. 555' E 76 <sup>0</sup> 25. 695'	

<b>KTM/ Vikm 157</b>	Kaduvanmmelilkavu (Kudumbha kavu )	Shaji Mob: 9747222379	Chungam Maravanthuruthu	44/14	10.00	DhurgaDevi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47. 539' E 76 <sup>0</sup> 25. 720'	Pond Natural
158	Thekenagummelilkavu (Kudumbha kavu )	Prasad Mob: 9495664881	Chungam Maravanthuruthu	68/5B&A2	10.00	Chandranadhan, Sastha, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47. 518' E 76 <sup>0</sup> 25. 657'	Pond Natural
159	Umamaheswarakshethrak avu(Kudumbha kavu )	R Lakshmananacharry Mob: 9697697270	Vaikom, Kochangadi Jn, Maravanthuruthu	31/3	8.00	Umamaheswaran, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 48.042' E 76 <sup>0</sup> 23.940'	Pond Natural
160	Thytharakavu (Kudumbha kavu )	Manoharan.K.N Mob: 9497579131	Vaikom, pp:Kerpunna Devi Temple Maravanthuruthu	6/18	4.00	Nagaraja , Nagayakashi, Nagakanyaka	N 09 <sup>0</sup> 48. 139' E 76 <sup>0</sup> 24. 375'	CW Part
161	Padinjarekottukavu (Kudumbha kavu )	Manga Mob: 9526396041	Vaikom, pp:Kerpunna Devi Temple Maravanthuruthu	6/19A	5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 48.115' E 76 <sup>0</sup> 24. 375'	
162	Chalilputhanpurayilkavu (Kudumbha kavu )	Remany Mob: 9562868500	Vaikom, Naduvekkara Padam, Maravanthuruthu	6/2	3.00	Nagaraja , Nagayakashi, Rakshassu	N 09 <sup>0</sup> 48. 207' E 76 <sup>0</sup> 24. 555'	
163	Attuvaippil Bhadhirakalishethrakavu (Kudumbha kavu )	Kamalasanan Mob: 9497803076	Vaikom, Kochangadi, Maravanthuruthu	124/16& 125/17,19	25.00	Badhirakali, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47. 985' E 76 <sup>0</sup> 23. 271'	Pond
164	Thirunellilkavu (Kudumbha kavu )	Chandra Mohanan G Mob:9895296833	Vaikom, Kochangadi, Maravanthuruthu	26/4A-1	7.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 48.084' E 76 <sup>0</sup> 23.003'	Pond Natural
165	Unnathusarpakavu (Kudumbha kavu )	Chandrababu Mob: 9747240755	Vaikom, Kochangadi, Maravanthuruthu	143/9	6.00	Chithrakoodam, Brhammarakshassu, Gandharvan, Nagaraja Nagayakashi	N 09 <sup>0</sup> 48.234' E 76 <sup>0</sup> 23.257'	Pond Natural
166	Asharitharakavu (Kudumbha kavu )	Velukuttan Mob: 8547365182	Vaikom, Kochangadi, Maravanthuruthu	143/45B	9.00	Kandakarnan, Nagaraja , Bhadhirakali, Nagayakashi, Akhilasarपाल	N 09 <sup>0</sup> 48. 250' E 76 <sup>0</sup> 23. 356'	Pond Natural
167	Chemmanapallikavu I (Kudumbha kavu)	NirmalaDevi Mob: 9562006075	Madthil parampil Maravanthurath	30/18B	10.00	Bhagavathi, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 718' E 76 <sup>0</sup> 25. 358'	CWPart Pond Natural
168	Chemmanapallikavu II (Kudumbha kavu)	Shivankutti Nair Mob: 9847474702	Kottanchira palam Maravanthurath	30/11	15.00	Yakshiyamma, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46.725' E 76 <sup>0</sup> 25.879'	

<b>8. CHEMPU VILLAGE</b>								
KTM/ Vikm 169	Kuzhivelytharakavu (Kudumbha kavu )	Kannan.P.P Mob: 9400838453	Vaikom, Brahma Mangalam, Chempu	2/22-7	5.00	Chithrakoodam, Devi, Kandakarnan, Nagaraja , Nagayakshi	N 09 <sup>0</sup> 48.982' E 76 <sup>0</sup> 24.503'	Pond Natural
170	Valiyaparambukavu (Kudumbha kavu )	Sasikala Mob: 9061273676	Ikara Chempu	27/3-A-2	5.00	Chithrakoodam, Nagaraja, Nagayakshi, Gurunadhan, Brahmarakshassu	N 09 <sup>0</sup> 49. 270' E 76 <sup>0</sup> 23. 310'	Pond Natural
171	Alekkad Sree Dharma Daiva Shetrakavu (Dheevara Sabha )	Valsalan Mob : 8921934183	Valel, Kattikunnu, Chembu	15/4	15	Sasthavu, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 49.636' E 76 <sup>0</sup> 23.486'	CW Full, Natural Pond
172	Puthan purayil Sarppakavu (Kudumbakavu)	V.R. Jayadev Mob : 9567849942	Vayanappillil, Poothottam, Chembu	10/62	8.00	Sila, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 50.573' E 76 <sup>0</sup> 23.265'	
173	Njarattil Dharma Daiva shetra kavu (Kudumbakavu)	Ajith Kumar Mob : 9745005980	Kattikkunnu Chembu	8/11 A-1	5.00	Gandharavan, Yakshi, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 50.261' E 76 <sup>0</sup> 23.269'	Natural Pond
174	Padinjaru Chittedathu Sarppakavu (Kudumbakavu)	Appukkuttan Nair Mob : 9633086998	Kattikkunnu Chembu	8/7	5.00	Gandharavan, Yakshi, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 50.197' E 76 <sup>0</sup> 23.337'	Natural Pond
175	Sree Kulangara Bhagavathi Shetram (Kudumbakavu)	Chandra Guptan Elayathu Mob : 9447869162	Chembu, Muslimpalli Jn, Chembu	31/53-1 50/6-1	20.00	Bhadrakali, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 48.854' E 76 <sup>0</sup> 23.607'	Natural Pond
<b>9. VELLOOR VILLAGE</b>								
176	Olakkanjeriyil Sarppakavu (Kudumbakavu)	Biju Mob : 9947010927	Vadakara Vellur		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 48.530' E 76 <sup>0</sup> 27.055'	
177	Thottothu kudumbakavu (Kudumbakavu)	Viswanathan Mob : 9744392372	Vettikattumukku, Vadakara, Vellur	69/11	5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 48.590' E 76 <sup>0</sup> 27.102'	CW Part
178	Karuvallimadam kavu Kudumbakavu	Rukminiyamma Mob : 9447039683	Vettikattumukku, Vadakara, Vellur	72/22	5.00	Chirtrakoodam, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 48.672' E 76 <sup>0</sup> 27.031'	
179	Kochupurakkal kudumbakavu	Usha K.S Mob : 9446758502	Varikam kunnu Vellur	768/4A	5.00	Chirtrakoodam, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 49.374' E 76 <sup>0</sup> 26.610'	
180	Varikkam kunnu kavu (Kudumbakavu)	Suresh Babu M.K. Mob: 9744513836	Varikkam kunnu Vellur	200/16-4	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 49.363' E 76 <sup>0</sup> 26.576'	

<b>KTM/ Vikm 181</b>	Manayathattu mana Illam kavu (Kudumbakavu)	Biju Namboothiri Mob : 9846704767	Varikkam kunnu Vellur	739/3	20.00	Nagaraja, Nagayakshi, devi	N 09 <sup>0</sup> 49.308' E 76 <sup>0</sup> 26.596'	CW Part
182	Karottuchelakarkavu I (Kudumbakavu)	Narayanan Nair Mob : 9846128775	Varkkam kunnu Vellur	747/4	7.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 49.222' E 76 <sup>0</sup> 26.565'	CW Part
183	Karotuchelakarkavu II Kudumbakavu	Narayanan Nair Mob : 9846128775	Varikkam kunnu Vellur	748/2	8.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 49.236' E 76 <sup>0</sup> 26.570'	
184	Thazhechelakkal kavu (Kudumbakavu)	Narayanan Nair Mob : 9846128775	Varikkamkunnu Vellur, Vellur	746/12	5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 49.274' E 76 <sup>0</sup> 26.628'	
185	Erattanikavu (Kudumbakavu)	Narayanan Mob : 9747349123	Vadakara jn Vellur	466/5A	5.00	Nagaraja, Nagayakshi, Durgadevi	N 09 <sup>0</sup> 49.368' E 76 <sup>0</sup> 26.499'	CW Part
186	Ambalathumveliylil Kshetrakavu (Kudumbakavu)	Kannan Mob : 9895929398	Vadakara Jn Vellur		8.00	Nagaraja, Nagayakshi, Bhadrakali	N 09 <sup>0</sup> 49.994' E 76 <sup>0</sup> 26.511'	CW Part
187	Valyapanathupathi sarpakavu (kuduma committee)	Das Mob : 9645678662	Vadakara jn Vellur	672/2A	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 48.813' E 76 <sup>0</sup> 26.686'	CW Part
188	Pulimadathusarpakavu (Kudumbakavu)	Nandakumar P.P. Mob : 9400738708	Pulimadathu kadathu kadav, Vellur	673/1-7	5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 48.853' E 76 <sup>0</sup> 26.891'	
189	Mattavazhikudumbakavu (Kudumbakavu)	Bindu Mob : 7025860498	Madathu kadav Vellur	673/12	5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 48.838' E 76 <sup>0</sup> 26.927'	
190	Vadakaravavu (Kudumbakavu)	Sreedharan Nair Mob : 9744 875995	Vadakara Jn, Vellur	673/6	5.00	Chirtrakoodam, Nagaraja, Nagayakshi, Gurunathan	N 09 <sup>0</sup> 48.801' E 76 <sup>0</sup> 26.931'	
191	Mulathazhathu sarpakavu (Kudumbakavu)	M.K. Madusudanan Mob : 9447809426	Vdakara NSS Karoyoga mandiram Vellur	663/5 -6	4.00	Chirtrakoodam, Nagaraja, Nagayakshi,	N 09 <sup>0</sup> 48.784' E 76 <sup>0</sup> 26.933'	
192	Udhayamparampathu Devi Kshethrakavu NSS Karyogam vaka	Bhaskaran Mob: 9446758502	Thalayolapparambu Vettikattumukku Vellur		10	Bhagavathi, Ayyappan, Ganapathy, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 48.636' E 76 <sup>0</sup> 26.822'	
193	Avanattil sarapa dharma deiva kshethram Kudumba Committee	Rajesh Mob:8281220330	Thalayolapparambu Avanad, Vellur		5	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 49.529' E 76 <sup>0</sup> 26.419'	

<b>KTM/ Vikm 194</b>	Sarpa Parambu Kavu Kudumba Trust	Bhadran Mob: 9496450053	Thalayolapparambu Vettikattumukku Vellur		7	Rakshassu, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 48.234' E 76 <sup>0</sup> 27.377'	CW Part Natural Pond
<b>10. MULAKULAM VILLAGE</b>								
195	Pazhayidathu sarpakkavu (kudumbakavu)	Eswariyamma Mob : 9645129402	Apachira kshethram jn, Mulakkulam	120/1-1	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 47.655' E 76 <sup>0</sup> 28.863'	
196	Madakkathadathilkavu (kudumbakavu)	Surendran Mob : 9605270094	Karikode jn Mulakkulam	681/4-3	8.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 48.412' E 76 <sup>0</sup> 29.055'	
197	Kandathilkavu (kudumbakavu)	Radhakrishnan Mob : 9400456980	Thekkekara,NSS Jn Mulakkulam	246/11-2	8.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 48.989' E 76 <sup>0</sup> 29.128'	
198	Thottara sarpakavu (kudumbakavu)	Jiji Mob : 8606500742	Thekeker NSS Jn Mulakkulam	342/8	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 49.112' E 76 <sup>0</sup> 29.175'	
199	Narikkuzhikavu (kudumbakavu)	Ramachandran Mob:	Thekeker, arikkuzhi, Mulakkulam		7.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 49.157' E 76 <sup>0</sup> 29.143'	
200	Keerimattathil sarpakkavu (kudumbakavu)	Sasidharan Nair Mob : 9447771610	Karikkodu Mulakkulam	241/1A	7.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 49.039' E 76 <sup>0</sup> 29.308'	CW Part
201	Mudakkari kudumbapathi (kudumbacommitee)	M.K. Soman Mob : 9744039740	Moorkatupadi jn Mulakkulam	269/old	10.00	Muthappan, Sasthavu, Bhadra, Chitrakoodam, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 49.427' E 76 <sup>0</sup> 29.019'	CW Part
202	Edamanathotti kavu (kudumbakavu)	Vasu Mob : 9747212922	Peruva Jn Mulakkulam	300/5	3.00	Nagaraja	N 09 <sup>0</sup> 49.568' E 76 <sup>0</sup> 30.209'	CW Part
203	Chadayankavu (Peruva Devaswam)	Gopan Mob : 9946297347	Peruva Ambalam jn Mulakkulam		15.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 50.098' E 76 <sup>0</sup> 29.952'	CW Part
204	Kudilil sarpakavu (kudumbakavu)	Shaji Mob : 9447149853	MC Padi jn Mulakkulam		10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 50.652' E 76 <sup>0</sup> 29.963'	CW Part
<b>11.VADAYAR VILLAGE</b>								
205	Kumbalathakal Khandakarnashetrakavu (kudumbacommitee)	Aneesh K.S. Mob : 9539217198	Puthenpalam Thalayolapparambu	256/1	5.00	Khandakarnan, Bhadrakali, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 45.440' E 76 <sup>0</sup> 27.652'	
206	Ponnurukkumpara Sree Bhadrakali shetram (Kudumba trust)	Sasidharan Mob : 9446269786	Pallathil padinjarekara Thalayolapparambu	55/2-4	8.45	Bhadrakali, Yakshiyamma, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 45.270' E 76 <sup>0</sup> 27.254'	

12.UDHAYANAPURAM VILLAGE								
KTM/ Vikm 207	Pothodiyil Sreehanumankshethram (Kudumbha committee)	Prasanth A Mob: 7592926593	Kurisupally jn Udhayanapuram	59/7B-8	10.00	Hanumanswami, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45.725' E 76 <sup>0</sup> 25.426'	Pond
208	Madathilkavu (Kudumbha kavu )	Jayaprakash Mob: 8281033493	Vaikom, LPS, Udhayanapuram	61/30-3	4.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45. 820' E 76 <sup>0</sup> 25. 634'	Dug
209	Kumpalappallikavu (Kudumbha kavu )	Karunakaran.N Mob:	Vaikom, LPS Jn, Udhayanapuram		20.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45.823' E 76 <sup>0</sup> 25. 640'	Pond Natural
210	Perumpallillamkavu (Kudumbha kavu )	VinuD.Nambhoothiri Mob: 9497087069	Vaikom, Near LPS Udhayanapuram	63/8B	4.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45. 933' E 76 <sup>0</sup> 25. 598'	
211	Mannazhamkavu (Kudumbha kavu )	Remya Mob: 9446562326	Vaikom, Near LPS Udhayanapuram	25/30A	10.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45. 838' E 76 <sup>0</sup> 25. 691'	Pond Natural
212	Erakelilkavu (Kudumbha kavu )	Kesavan Mob: 9846829391	Vaikom, Near Vazhmana Jn, Udhayanapuram	51/1A	10.00	Shivan,Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45.525' E 76 <sup>0</sup> 25.436'	Pond Natural
213	Chittezhathukavu (Kudumbha kavu )	Venugopal Mob: 9656054389	Ayyankulagara Kshethram jn Udhayanapuram	90/2	15.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 47.092' E 76 <sup>0</sup> 25.152'	
214	Kunnelpurayilkavu (Kudumbha kavu )	Kaleshan.M.P Mob: 9447677146	Ayyankulangar kshethram jn Udhayanapuram	70/4B	10.00	Shivan, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 171' E 76 <sup>0</sup> 25. 098'	Pond
215	Kaithattil Kandakarnakshethrakavu (Kudumbha Committee)	Bhavani Ayappan Mob: 9645428849	Karkayil jn Udhayanapuram	9/10	10.00	Bhagavathi, Kandakarnan, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46.171' E 76 <sup>0</sup> 25. 336'	Pond Natural
216	Nedumparambathukavu (Kudumbha kavu )	Sunil Mob: 9645796147	Opp. Health Centre Udhayanapuram	72/2	7.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 017' E 76 <sup>0</sup> 25. 366'	CWPart Pond Natural
217	Keshavapallikavu (Kudumbha kavu )	Girija Mohana Chandran Mob: 9744080194	Thrivelikunnu Udhayanapuram	63/16	5.00	Nagaraja , Nagayakashi, Chithrakoodam	N 09 <sup>0</sup> 45. 952' E 76 <sup>0</sup> 25. 511'	Pond Natural
218	Koriyampallikavu (Kudumbha kavu )	Gogul Mob: 9544815921	Thrivelikkunnu Udhayanapuram	63/21A, 21B	8.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45.937' E 76 <sup>0</sup> 25.499'	Pond Natural
219	Vadakkenchalichirakavu (Kudumbha kavu )	P Shivarajan Mob: 8547121835	Thrivelikunnu Udhayanapuram	60/11A1	4.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45.813' E 76 <sup>0</sup> 25.475'	CWPart

<b>KTM/ Vikm 220</b>	Chemmadeilkavu (Kudumbha kavu )	Vijayanadhan Mob: 9847811398	Muttingal P.O Jn Udhayanapuram	62/5A	5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45. 842' E 76 <sup>0</sup> 25. 428'	Pond Natural CW Part
221	Ulladapallikavu (Kudumbha kavu )	Parthsarathi Mob: 9496541601	Muttingal PO jn Udhayanapuram		5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45.810' E 76 <sup>0</sup> 25. 438'	CWPart
222	Thyilkavu (Kudumbha kavu )	Karunakaran Nair Mob: 9495265425	Muttingal jn Udhayanapuram		8.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45. 738' E 76 <sup>0</sup> 25. 522'	Pond Natural
223	Manapurayilkavu (Kudumbha kavu )	Latha Mob: 9961225583	Muttingal jn Udhayanapuram		5.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 45. 744' E 76 <sup>0</sup> 25. 534'	Pond Natural
224	Pandaravillatharakavu (Kudumbha kavu )	Sheen Mob: 9995661285	Irupuzhikara UPS Udhayanapuram	161/12	10.00	Devi, Gandharvan, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46.537' E 76 <sup>0</sup> 24.251'	CW Part Pond Natural
225	Iramathukavu (Kudumbha kavu )	Unnikrishnan Mob: 9497541372	Irupuzhikara Udhayanapuram		5.00	Chithrakoodam, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46.506' E 76 <sup>0</sup> 24.308'	CWPart Pond Natural
226	Ambalassery Kizhakemadakavu (Kudumbha kavu )	Santhibhooshan Mob: 8606005061	Irupuzhikara Udhayanapuram	144/2B	7.00	Shivan, Mahavishnu, Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 541' E 76 <sup>0</sup> 24. 631'	Pond Natural
227	Illanjitharakavu (Kudumbha kavu )	Padmanabhan Mob: 9947246029	Irumpuzhikara UPS Udhayanapuram		10.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46.530' E 76 <sup>0</sup> 24. 426'	Pond Natural
228	Anjanavelitharavadukavu (Kudumbha Committee)	Remeshan Mob: 9605968182	Irumpuzhikara UPS Udhayanapuram	147/4	7.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 495' E 76 <sup>0</sup> 24. 534'	
229	Irapoozhikarakavu (Kudumbha Committee)	K.Kuttapan Mob: 9947246029	Irumpuzhikara UPS Udhayanapuram	148/8A	8.00	Chithrakoodam, Devi Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46. 515' E 76 <sup>0</sup> 24. 632'	Pond Natural
230	Chonattuelikavu (Kudumbha kavu)	Shaji Mob: 9495302966	Kootingal Pipinmood jn, Udhayanapuram		10.00	Nagaraja , Nagayakashi	N 09 <sup>0</sup> 46.818' E 76 <sup>0</sup> 23.449'	Pond Natural
231	Puthamkeri shetramkavu (SNDP)	Sugunan Mob : 9961347403	Vadayar Thalayolapparambu	271/12A	16.00	Sasthavu, Ganapathy, Bhadra, Kavil Nagaraja,	N 09 <sup>0</sup> 46.507' E 76 <sup>0</sup> 25.269'	CW Part
<b>13. KADUTHURATHY VILLAGE</b>								
232	Kublitharasarpakavu Kudumbakavu	Baby Mob : 9497587354	Appachira, Thalayolapparambu, Kaduthuruthi		5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 46.308' E 76 <sup>0</sup> 28.305'	CW Part
233	Sree Naga yakshi dharm daiva kudumba shetram (Kudumba trust)	K.A. Kutty Mob : 9496639240	Munattu Colony, Thalayolapparambu, Kaduthuruthi		7.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 46.371' E 76 <sup>0</sup> 27.937'	CW Part

<b>KTM/ Vikm 234</b>	Mulammel sarpakavu (kudumbakavu)	Prasad Mob : 8547384890	Poozhikkol Mulakkulam Kaduthuruthi	12/8-1	7.00	Nagaraja, Nagayakshi, Chitrakoodam	N 09 <sup>0</sup> 46.855' E 76 <sup>0</sup> 28.469'	CW Part
235	Mudiyattu parambilkavu (kudumbakavu)	Gopalapanickar Mob : 9446758152	Poozhikkol Mulakkulam Kaduthuruthi	1/3 ½	8.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 47.252' E 76 <sup>0</sup> 28.730'	
236	Karuppanparambukavu (kudumbakavu)	Thankappan Mob : 8086802135	Kaduthuruthi Thaliyal Kaduthuruthi		15.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 45.713' E 76 <sup>0</sup> 29.701'	
237	Madathinmelkavu (kudumbakavu)	Prasannakumar Mob : 9846831722	Kaduthuruthi Mahadeva kshethra jn -Kaduthuruthi		20.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 45.789' E 76 <sup>0</sup> 29.782'	CW Part
<b>14. MUTTUCHIRA VILLAGE</b>								
238	Kunnasseri Bhagavathishetram (kudumbakavu)	Dhamodharan Elayathu Mob : 9446759908	Muttuchira Kaduthuruthi	884/7A	10.00	Bhadrakali, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 45.702' E 76 <sup>0</sup> 30.094'	Pond dug
239	Mukkatharasarpadaiva Bhadrakalikavu (Kshetra Trust)	Viswanathan Mob : 9400877849	Ezhumanthuruthu Kaduthuruthi	21/5	25.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 44.999' E 76 <sup>0</sup> 27.708'	
240	Kappikadu Durga Bhagavathi Shetram (kudumbakavu)	Krishnan Namboothiri Ph : 04829 288773	Kappikadu Kaduthuruthi		4.00	Sastahvu, Bhadrakali	N 09 <sup>0</sup> 43.893' E 76 <sup>0</sup> 28.763'	CW Full
241	Puluthuruthukavu (kudumbacommittee)	Kunju Mob : 9656480533	Ezhumanthuruthu Kaduthuruthi	1162 - Old	5.00	Devi, Rakshas, Gurunathan, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 44.441' E 76 <sup>0</sup> 27.651'	
<b>15. KALLARA VILLAGE</b>								
242	Neerozhukkil Dharma Daiva Shetrakavu (kudumbakavu)	Nandakumar Mob : 9447063491	Neerozhukil jn Kallara		5.00	Rakshas, Veerabhadran, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 42.461' E 76 <sup>0</sup> 28.728'	CW Full
243	Palakkal Kavuvu (kudumbakavu)	Raguvaran Mob : 9446121451	Kallara Kurisupalli jn Kallara	680/12-1	44.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 41.687' E 76 <sup>0</sup> 29.088'	CW Part
244	Thekkepalakkalkavu (kudumbakavu)	Gopinathan Nair K Mob : 9745546021	Kurisupalli jn Kallara Kallara		7.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 41.714' E 76 <sup>0</sup> 29.088'	

<b>KTM/ Vikm</b> 245	Thekkekonattu sarpakavu I (kudumbakavu)	Manoj Mob : 9946185925	Kallara Perumthuruth Kallara	29/1A	15.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 41.434' E 76 <sup>0</sup> 28.097'	
246	Thekkekonattusarpakavu II (kudumbakavu)	Manoj Mob : 9946185925	Perunthuruth Kallara	29/1B	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 41.419' E 76 <sup>0</sup> 28.091'	
247	Illathachan kavu (kudumbakavu)	Krishnan Elayathu Mob :	Kallara Kallara	676/5	5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 41.420' E 76 <sup>0</sup> 28.089'	CW Full
248	Arattukulangara kavu (kudumbakavu)	Samji Varma Mob : 8075279522	Neendoor Devikshethra jn Kallara	611/10-3	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 42.083' E 76 <sup>0</sup> 29.286'	
249	Vadakedathukavu (kudumbakavu)	Arunkumar Mob : 9946296787	Kalambukadu Kallara	424/1A4 481/4A1	50.00	Nagaraja, Nagayakshi, Akhilasarपाल	N 09 <sup>0</sup> 42.110' E 76 <sup>0</sup> 28.523'	Pond Natural
<b>16. MANJOOR VILLAGE</b>								
250	Mattappilliellamkavu (kudumbakavu)	Subramanyan Namboothiri Mob : 9496802673	Eravimangalam Manjur	297/6	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 44.736' E 76 <sup>0</sup> 30.070'	
251	Khandattu Kav (kudumbakavu)	Subramanyan Namboothiri Mob : 9496802673	Mettupara Jn Manjur	152/2	8.00	Nagaraja, Nagayakshi, Khandakarnan	N 09 <sup>0</sup> 44.284' E 76 <sup>0</sup> 30.654'	
252	Manakkalkavu (kudumbakavu)	Rajeev Mob : 9496802673	Eravimangalam Manjur Manjur	172/1B	20.00	Sasthav	N 09 <sup>0</sup> 45.022' E 76 <sup>0</sup> 29.798'	
253	Nedumpallil sarpakavu (kudumbakavu)	Rajasekharan Nair Mob : 9497463923	Bhagavathy kshrthra jn, Manjur	327/4	5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 42.396' E 76 <sup>0</sup> 29.302'	
254	Puthan purakkal sarpakavu (kudumbakavu)	Dileep kumar D. Mob : 9961483370	Manjur Bhagavathy kshethra jn, Manjur	344/7	5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 42.324' E 76 <sup>0</sup> 29.986'	CW Part
255	Oonattu sarpakavu (kudumbakavu)	Indira Das Mob : 9497263933	Manjur Bhagavathy kshethra jn, Manjur	537/1	4.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 42.373' E 76 <sup>0</sup> 29.947'	

<b>KTM/ Vikm 256</b>	Mullur sarpakavu (kudumbakavu)	Unnikrishnan Mob : 9947386203	Manjur Bhagavathy kshethra jn Manjur	549/4	3.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 42.319' E 76 <sup>0</sup> 29.848'	
257	Enattu Kudumbakavu (kudumbakavu)	C.N. Syamala kumari Mob : 9747790608	Manjur Bhagavathy kshethra jn, Manjur	459/4-1	5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 42.447' E 76 <sup>0</sup> 29.892'	
258	Velucheri rudramala bhagavathi shetram (Samudaya Trust)	Jayaprakash Mob : 9446201212	Velicheri jn Manjur Manjur	20/1	20.00	Bhadrakali, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 43.310' E 76 <sup>0</sup> 30.375'	
259	Pananthanathu devi shetram (kudumbacommittee)	T.P. Rajendran Mob : 9539913601	Manjur Velicheri jn Manjur		10.00	Bhadra, Durga, Khandakarnan, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 43.417' E 76 <sup>0</sup> 30.507'	
260	Palattu puthan madam (kudumbakavu)	P.J. Narayana Swami Mob :	Manjur Velicheri jn Manjur	86/16	20.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 43.435' E 76 <sup>0</sup> 30.915'	
261	Puthiyidathilam kavu Kudumba kavu	Krishnan Namboothiri Mob : 9961362029	Manjur Velicheri jn Manjur	88/2	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 43.514' E 76 <sup>0</sup> 30.862'	
<b>17.KOTHANALLOOR VILLAGE</b>								
262	Kottarathil sarpakavu (kudumbakavu)	Sheela Jayakumar Mob : 9497579351	Kalathurkavala Manjur	218/3	11.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 43.163' E 76 <sup>0</sup> 31.854'	
263	Manjappalliisarpakavu (kudumbakavu)	Syam S. Kumar Mob : 8281069105	Manjapallil Manjur	417/2	5.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 43.339' E 76 <sup>0</sup> 32.046'	
264	Nellithanathu sarpakavu (kudumbakavu)	Vasudevan Mob : 8330087417	Manjapattu Manjur	413/2	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 43.321' E 76 <sup>0</sup> 31.974'	
265	Vakkayilkavu II Kudumbakavu	Vijayan Mob : 9446560849	Tovanisa Manjur	368/3	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 43.389' E 76 <sup>0</sup> 31.696'	
266	Vakkayil sarpakavu I (kudumbakavu)	Vijayan Mob : 9446560849	BK Puram Manjur	368/3	10.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 43.363' E 76 <sup>0</sup> 31.706'	CW part
267	Vakkayil kudumbakavu I (kudumbakavu)	Resmi G Mob : 7025470188	Kothanalloor Manjur	369/12	7.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 43.351' E 76 <sup>0</sup> 31.731'	
268	Vakkayil kudumbakavu II	Resmi G Mob : 7025470188	Kothanalloor BK Puram Manjur	369/22	10.00	Devi, Sivan, Nagaraja, Nagayakshi	N 09 <sup>0</sup> 43.364' E 76 <sup>0</sup> 31.767'	

<b>KTM/ Vikm 269</b>	Mudappuzha sarpakavu (kudumbakavu)	Narayanan Nair Mob : 9447809582	Kothanalloor BK Puram, Manjur	402/1-2	5.00	Nagaraja, Nagayakshi, Nagakanyaka	<b>N 09<sup>0</sup> 43.517'</b> <b>E 76<sup>0</sup> 31.926'</b>	CW Part
270	Mundakkal kavu (kudumbakavu)	Narayanan Nair Mob : 9447809582	Mundapuzha Manjur	401/1-2	7.00	Raktha chamundeswari, Maninagam, Karinagam	<b>N 09<sup>0</sup> 43.502'</b> <b>E 76<sup>0</sup> 31.913'</b>	
271	Mundakal sarpakavu(Niravathu) Kudumbakavu	Gopalakrishnan Nair M.D. Mob : 9947312907	Mundapuzha Manjur	410/11	10.00	Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 43.415'</b> <b>E 76<sup>0</sup> 31.940'</b>	
272	Plappuzhasarpakavu Kudumbakavu	Sreedharan Nair Mob : 7025470188	Plapuzha Manjur		10.00	Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 43.863'</b> <b>E 76<sup>0</sup> 31.458'</b>	
<b>18.NJEEZHUR VILLAGE</b>								
273	Kollamparambil sarpakavu Kudumbakavu	K.N. Sankaran Mob : 9497225075	Pazhthuruthu Jn Thiruvambadi Njeezhur	312/16	5.00	Nagaraja, Nagayakshi, Devi, Brahmarakshas	<b>N 09<sup>0</sup> 46.510'</b> <b>E 76<sup>0</sup> 30.559'</b>	CW Part
274	Cherukattilparambu kavu (Kudumba committee)	Balakrishnan Mob : 7025176681	Kaduthuruthi Njeezhur		6.00	Nagaraja, Nagayakshi, Nagachamundi	<b>N 09<sup>0</sup> 46.232'</b> <b>E 76<sup>0</sup> 30.976'</b>	CW Part
275	Mullakkal sreekrishna swami shetrakavu (kudumbakavu)	Binu Mob : 8129336154	Njeezhoor Panch. office Njeezhur		15.00	Devi, Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 47.369'</b> <b>E 76<sup>0</sup> 31.289'</b>	Pond Natural CW Part
276	Sreekrishna swami shetra kavu (Thiruvithamkur devaswam)	Vijayakumar M.P. Mob :	Viswabharathi public school Njeezhur		10.00	Nagaraja, Nagayakshi, Krishnan	<b>N 09<sup>0</sup> 47.943'</b> <b>E 76<sup>0</sup> 31.594'</b>	Pond Natural CW Full
277	Alummekavu (kudumbakavu)	Ramachandran Ph : 04829464654	SNDP Jn Njeezhur		5.00	Devi, Brahmarakshas, Nagaraja	<b>N 09<sup>0</sup> 48.709'</b> <b>E 76<sup>0</sup> 31.960'</b>	CW Part Pond Dug
278	Pallattu sarpakavu (kudumbakavu)	Dileep kumar P.P. Mob : 9961650071	Vadikke nirappu Jn Njeezhur	884/7A	10.00	Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 47.304'</b> <b>E 76<sup>0</sup> 33.031'</b>	CW Part
279	Pallattu sasthakavu (kudumbakavu)	Venugopal Mob : 9526412628	Vadikke nirappu Jn Njeezhur	884/7	15.00	Sasthav, Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 47.329'</b> <b>E 76<sup>0</sup> 33.051'</b>	
280	Kuryankal akshippurakavu (kudumbakavu)	Sagar Mob : 9744682546	Vadikke nirappu Jn Njeezhur	102/4	7.00	Yakshi, Peedam, Val	<b>N 09<sup>0</sup> 47.291'</b> <b>E 76<sup>0</sup> 33.028'</b>	
281	Karikkamkuzhi Bhadradevi (kudumbakavu)	Mohanana Mob : 9447306271	Vadikke nirappu Jn Njeezhur	297/6	12.00	Bhadrakali, Khandakarnan, Nagaraja, Nagayakshi	<b>N 09<sup>0</sup> 47.303'</b> <b>E 76<sup>0</sup> 33.136'</b>	

282	Vadakkunel Dharma Daiva Shetram (Kududmbacommittee)	Muraleedharan Nair Mob : 9847320401	Vadakkunel Jn Njeezhur	299/4	12.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 47.190' E 76 <sup>0</sup> 33.153'	
283	Vadakkunel kavu (Kududmbacommittee)	Muraleedharan Nair Mob : 9847320401	Vadakkunel Jn Njeezhur	299/32	7.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 47.143' E 76 <sup>0</sup> 33.144'	
284	Kuryankal Sarpakavu (kudumbakavu)	Sagar Mob : 9744682546	Mukkolakunnul Jn Njeezhur	327/4	20.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 46.975' E 76 <sup>0</sup> 33.149'	
285	Olur sarpakavu Kudumbakavu	Sadasivan Mob : 8547365276	Thayammavu jn Njeezhur	834/4	50.00	Nagaraja, Nagayakshi	N 09 <sup>0</sup> 46.942' E 76 <sup>0</sup> 32.347'	