

ECOLOGICALLY SENSITIVE REGIONS IN UTTARA KANNADA

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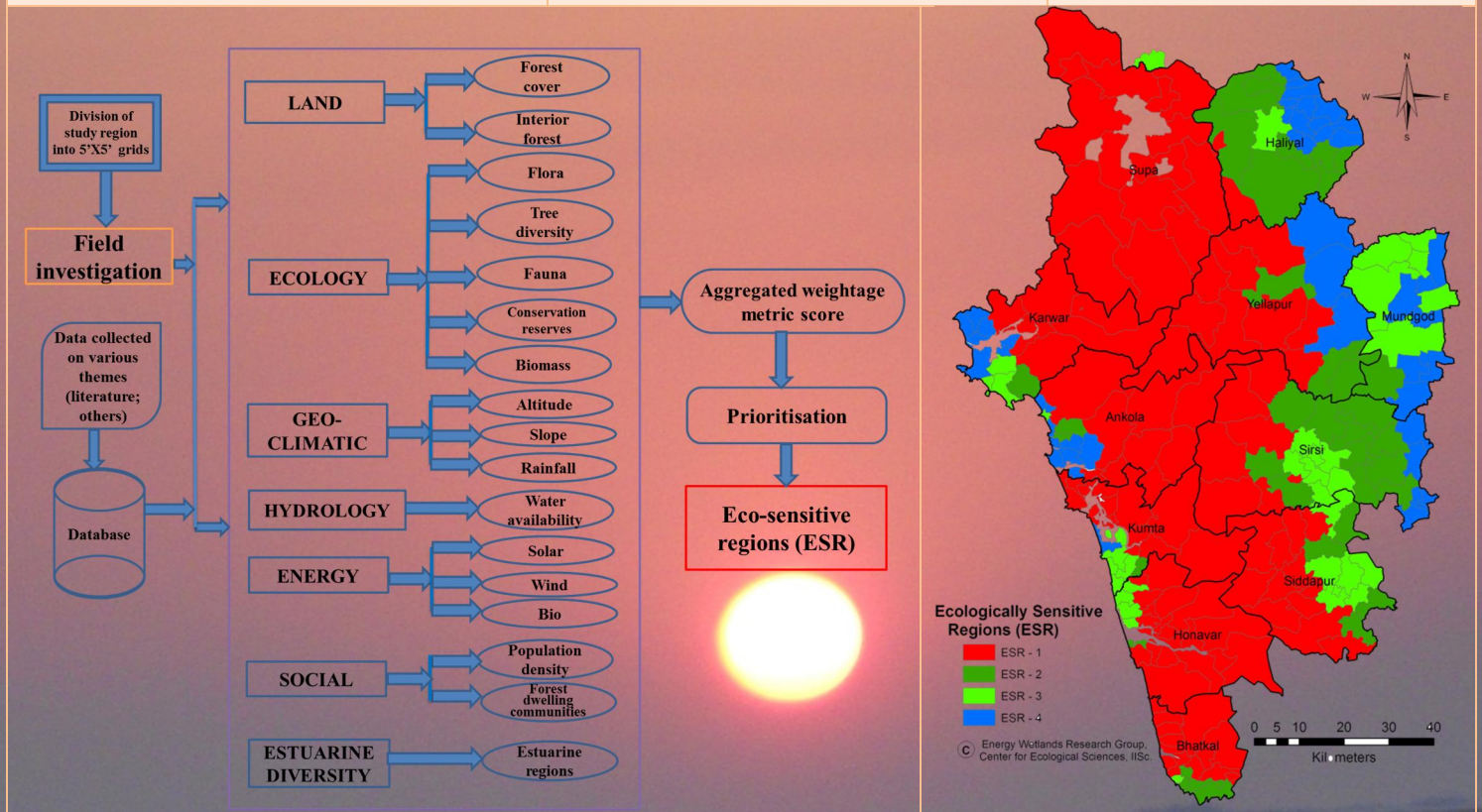
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**Environmental Information System [ENVIS]
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ECOLOGICALLY SENSITIVE REGIONS IN UTTARA KANNADA

Summary:

Ecologically Sensitive Regions (ESRs) are the 'ecological units' that may be easily affected or harmed. It is a bio-climatic unit (as demarcated by entire landscapes) wherein human impacts have locally caused irreversible changes in the structure of biological communities (as evident in number/ composition of species and their relative abundances) and their natural habitats' (Section 3 of the Environment (Protection) Act 1986 (EPA)). This approach of conservation or ecological planning considers spatially both ecological and social dimensions of environmental variables. Ecological sensitive regions with exceptional biotic and abiotic elements are being degraded or lost as a result of unplanned developmental activities. Landscapes sustainability as a basic goal for development requires comprehensive picture of the biophysical and socio-cultural information of a region and this approach provides an opportunities and constraints for decision-making and sustainable management of natural resources. Conservation by prioritisation of sensitive regions has been widely used to improve ecosystem by conservations practices. This study prioritises the regions at Panchayat levels in Uttara Kannada district, Central Western Ghats, considering attributes (biological, Geo climatic, Social, etc.) as ESR1(Regions of highest sensitivity or Ecologically Sensitive Region 1), ESR2 (Regions of higher sensitivity), ESR3 (Regions of high sensitivity) and ESR4 (Regions of moderate sensitivity).

The current research envisions the beginning of an on-going process to integrate ecological and environmental considerations into administration in the biodiversity rich district of Karnataka – Uttara Kannada district. This is a major step towards an ecological audit that eventually should result in the conservation and sustainable use of biodiversity. This process in due course will create an integrated database on biodiversity for the district and also furnish analyzed data, advice and management prescriptions to beneficiaries at every level from the village communities to the Government. Integrated Ecological carrying capacity study provides the regional planner in evolving appropriate conservation strategies for sustainable management particularly on a defined geographical area. Decision making on developmental activities, entail planning that depends upon the availability of reliable and accurate data. Data required for natural resource planning include spatial data such as, information of physiography of the area, land use, assets, etc. Geographic

information system (GIS) with a capability of handling spatial data helps in the analysis and visualisation of results effectively, and aids decision making process.

Uttara Kannada district located in the central western Ghats lies between 13° 55' to 15° 32'N and 74° 05' to 75° 05'E covering approximately an area of 10, 291 km². It forms parts of narrow Malabar where its location is almost central. The district extends N-S to maximum of 180 km and W-E to maximum width of 110 km. The Arabian sea border it on west creating a long continuous through narrow, coast line of 120km running N-S. Goa, Belgaum, Dharwad and Shimoga- Dakshina Kannada form Northern-Eastern and Southern boundaries respectively.

Western Ghats with a repository of endemic flora and fauna is one of the 34 hotspots of the world. The range of ancient hills that runs parallel to western coast of India form several ecological regions depending upon the altitude, latitude, rainfall and soil characteristics. The vegetation varies between the western escarpment, the crest with its lateritic plateaus and the drier eastern slopes. In few areas that are relatively undisturbed, the crest-line has isolated patches of unique tropical evergreen forest with open short grasslands. These forests are severely fragmented in the northern part of range, while in the south they still cover several larger stretches. The western slopes have a more moist vegetation patterns, whereas on eastern sides, drier vegetation merges into the scrubland of the Deccan-off shoots, such as Nilgiris, Annamalai in South India, form corridors between Western and Eastern Ghats. The southern ranges have higher rainfall, leading to some of the most lush evergreen forest tracks in the country. The forest of Western Ghats consists of evergreen forests, semi-evergreen forests and deciduous forests.

As a result of high variation in latitude, altitude and climate, the Western Ghats supports a wide variety of habitats and, thus, high overall biodiversity. Long periods of isolation from similar habitats elsewhere in the Indian sub-continent have led to the development of high levels of endemism, particularly within the region's moist deciduous and evergreen forests. Among vertebrate groups, amphibians exhibit the highest level of endemism (78 percent of species found in the region are endemic), followed by reptiles (62 percent), fish (53 percent), mammals (12 percent) and birds (4 percent). Of the 4,000 species of flowering plant found in the Western Ghats, 1,500 (38 percent) are endemic. The Western Ghats also contains numerous medicinal plants and

important genetic resources, such as the wild relatives of various cereals (rice, barley, etc.), fruits (mango, banana, jackfruit, etc.), and spices (black pepper, cinnamon, cardamom and nutmeg). In addition to rich biodiversity, the Western Ghats is a home to diverse social, religious, and linguistic groups. The high cultural diversity of rituals, customs, and lifestyles has led to the establishment of several religious institutions that strongly influence public opinion and the political decision-making process. The presence of hundreds of sacred groves and sacred landscapes in the region bears testimony to society's commitment to conservation. The irreplaceable biodiversity and ecosystem service values of the Western Ghats are threatened by a variety of human pressures.

Biodiversity conservation, socio-economic development and sustainable management of natural resources requires information such as landscape dynamics, which helps in assessing threats as well as opportunities. Natural forest cover in the district is about 542,475 hectares, of which 25.62% are contiguous interior forests and standing biomass is about **113823** Gg. The region harbors variant rich flora, fauna and conservation habitats.

Uttara Kannada district was divided into 5'x5' equal area grids (168) covering approximately 9x9 km². Grids are ranked based on an aggregate weightage metric score considering the information related to spatial extent of forest cover, extent of interior forests, occurrence of endemic flora and fauna, presence of conservation reserves, standing biomass, annual increment of biomass, geo-climatic parameters (slope, altitude, rainfall), estuarine diversity and productivity and presence of forest dwelling communities. Grids were ranked as ESR 1 to ESR 4 depending on the score. Ecologically sensitive regions (ESR) at panchayat level / disaggregated levels suitable for local level planning (implementation of Biodiversity act, 2002) were delineated by overlaying spatial layer of panchayat. Uttara Kannada has 209 panchayats with the enactment of the 73rd Constitutional Amendment Act to strengthen the grassroots democratic processes. Among these, 102 panchayats are in ESR 1, while ESR 2 has 37 panchayat, ESR 3 has 33 and ESR 4 has 37 panchayats. ESR 1 and ESR 2 are most ecologically sensitive regions of the district. The degradation of these areas will have irreversible impact on the ecology, biodiversity and sustenance of natural resources. Regions under ESR 1 and 2 are "**no go area**" for any developmental activities involving large scale land cover changes. ESR 2 have ecosensitiveness similar to ESR 1, and has scope to attain the status of ESR 1 with eco-restoration measures (as some pockets are degraded). ESR 4 are

regions of moderate sensitivity, wherein sectors such as agro processing, information technology (IT), and such environment friendly sectors be permitted. Suggestions regarding ESR are:

1. Restrictions on large scale land cover changes;
2. Encouragement to organic farming;
3. No monoculture plantation of exotics like Eucalyptus, Acacia, etc.;
4. Extraction of medicinal plants only with strict regulations;
5. Ban on hazardous or toxic waste processing units;
6. Protection of high altitude valley swamps and water bodies;
7. Restoration of land cover through appropriate catchment area treatment plans of hydroelectric and major irrigation projects to improve their life span by reducing silt yield in the catchment;
8. Setting up fodder farms to support local livestock population;
9. Ban large scale mining;
10. Controlled quarrying and sustainable sand mining;
11. Involving education institutions to document biodiversity in the neighbourhood (village level);
12. Eco clubs at all schools and students to take part in environment monitoring (part of curriculum);
13. Environment profile indicators be worked out by Research institutions, NGOs along with local communities;
14. Setting up agro processing industries, cottage industries to support local livelihood;
15. Collection of NTFP through local people (complete removal of contract system);
16. Development of forest nurseries of local species through the active participation of local villagers;
17. Incentives to VFC's for conservation and protection of forests.
18. Adopting Clustering Approaches - Ecology Integrated Sustainable Development of Uttara Kannada (Source: Ramachandra T V, Subash Chandran M D, Joshi N V, Prakash Mesta, 2013. Adopting Clustering Approaches - Ecology Integrated Sustainable Development of Uttara Kannada, Sahyadri Conservation Series 30, ENVIS Technical Report 60, ENVIS, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560012)

19. Integrated clustering of villages for inclusive growth promoting eco-friendly, local resources, local skill and man-power based thematic developmental programmes through laying a stronger foundation for sustainable growth.
20. Micro-finance and revival of village centred enterprises and clustering of villages for thematic development programmes can greatly improve financial and livelihood security of rural homes, and could provide largest venues for women empowerment.

Cluster-based economic development approach is considered an important aspect of a broader re-orientation of research and economic policy towards laying the foundations of a microeconomic approach for prosperity and growth. The past decades were under the spell of macroeconomics and the creation of market institutions in developing economies. While there is now fairly broad consensus on the type of macroeconomic and legal conditions necessary to achieve economic progress, it is also becoming clearer that these conditions are not sufficient. As a new approach to help economies reap the full potential of an improved macroeconomic and legal context cluster-based efforts have received a lot of attention. Clusters are groups of companies and institutions co-located in a specific geographic region and linked by interdependencies in providing a related group of products and/or services. Because of the proximity among them – both in terms of geography and of activities – cluster constituents enjoy the economic benefits of several types of positive location-specific externalities.

Cluster facilitators and need for institutional structure for implementation: Village panchayats form ideal units for implementation of cluster approach for integrated eco-friendly development. The success of cluster based development programmes will depend on the active participation of facilitators. The various Government departments, financial institutions and NGOs will have active roles to play for the success of the integrated cluster-base approach. In addition there is also need for district and taluk level facilitator committees for scrutinsation of developmental plans and review of progress achieved. The role of some facilitators, are indicated below:

Forests and wildlife departments: As forests constitute a major asset of the district the Forest Department need to be strengthened with adequate manpower at ground level.

- Development of nurseries involving local people. People be encouraged and guided to make nurseries of forest trees and medicinal plants (*Coscinium fenestratum*, *Nothapodytes*

nimmoniana, Asparagus racemosus, Emblica officinalis, Saraca indica, Terminalia bellirica, Adhatoda vasica, Rauwolfia serpentina, Tinospora cordifolia etc)

- It is suggested to look into the feasibility of purchase of medicinal plants or their products by the Forest Department itself, or by the local VFCs from the producers at fair prices, and the sale/supply of these goods to pharmaceuticals to be undertaken by the Forest Department itself. This recommendation is being made so as to stop rampant illegal collection and trade of medicinal plants from the wild.
- The local ayurvedic pharmaceuticals (within the district), and local people to be engaged in cultivation and value addition to medicinal plants be supplied with medicinal plants/products on priority basis to enrich the local economy and employment potential
- NTFP collection (removal of contract system of middle men) and value addition,
- Developing bee-keeping involving forests and mangroves. As bee-keeping is recommended as an important activity for almost all clusters, roadsides, common lands, under-stocked or degraded forest patches around villages be planted with appropriate nectar plant species.
- Contract system for collection of NTFP from forests found to be highly detrimental to forests and biodiversity and economic well being of local people be stopped forthwith and co-management system involving local people be adopted.
- Production of bamboo based products by local craftsman and effective utilization of bamboo for local development is important
- Use of alternative energy sources replacing firewood
- Development of bettas for tree farming, medicinal plants and fodder,
- Promoting backwater, mangrove, and beach tourism, development of rural tourism and home stays in the vicinity of forests and wildlife areas
- Regular conduct of training in bird-watching, wildlife studies, trekking trails, hygiene and solid waste management involving VFCs, local youth in forest and wildlife related tourism areas be arranged with view of generating eco-friendly employment potential.
- Utilization of weeds and harvestable trees/tree parts, bamboos, canes etc. from plantations or other designated areas for vegetable dyes, medicines, weaving, furniture, handmade paper, sports goods production

- Awareness creation and conservation of sacred groves, sacred kans, which are biodiversity and hydrology significant areas and still playing unique cultural roles in rural society.
- All hydrologically significant forest patches, as indicated, for instance, by high Western Ghats endemism among trees, be preserved both for the sake of perenniality of water courses and for the biodiversity content.
- The Department to consider pooling back good part of income from VFC managed areas into sustainable income generating activities in the cluster level

District Industries Centre (DIC): Main focus agency for promotion of small scale and cottage industries.

- Easy registration of small scale and cottage industries
- Infrastructure assistance, Investment subsidies
- Linking with Employment Generation programmes
- Entrepreneurship development programmes, Technical training
- Assisting in sale of products, buyer-seller meets
- No new red and orange category industries in malnadu and coastal taluks. Orange category may be considered under strict norms and social audit, away from biodiversity centres

Tourism Department: Integrated community based eco-tourism development is being conceptualised to benefit some clusters of adjoining local self government units as a strategy to address high incidence of poverty among the communities while such areas are teeming with tourism potential

- Developing integrated community based eco-tourism
- Assistance in building aesthetic cottages/rooms as part of home stays of bonafide locals or local VFCs. Local grass root level tourism related enterprises to be preferred against construction and commercial lobby.
- Developing tourism awareness in the appropriate panchayat clusters. Conducting programmes on safeguarding local cultures, performing arts and biodiversity.
- Training youth in tourism/homestay management.

- Fostering tourism related entrepreneurship among the local people so as to increase self employment opportunities in rural areas and small towns.
- Getting necessary registration/licenses for village home stays managed by individuals/VFCs/communities, and exhibiting details on location-wise home-stays through web pages

Horticulture Department

- Facilitate farming of desired crops only under insurance coverage
- Training in preservation of fruits and vegetables to women
- Promoting organic cultivation for exports and Indian markets

Financial institutions: Government financing and micro-financing institutions to step in to promote cluster level development programmes through local panchayats, VFCs, BMCs, NGOs, departments, societies etc. Financing from charitable and voluntary organizations and NGOs and not-for profit financiers to be considered and may be recommended by related departments. Crop insurance, preferably, in identified human-wildlife conflict zone is highly necessary for future of biodiversity conservation. Financial literacy is very critical for participatory development programmes envisaged.

Mining and Geology

- Mining in Western Ghats to be phased out. Mining for building stones/jelly be limited to meet local demands, and in any case not to be transported out of the district.
- Sand mining in west coast rivers and estuaries to be limited strictly for use within the district only.
- Considering coastal laterite as Gondwanaland soil/rock deposit, and its limited nature, its special ecosystem value sustaining rare and unique biodiversity, laterite quarrying from coastal hills be strictly limited to meeting local demands. Laterite transport to outside the needs to be banned
- Mining of stones/sand/shell etc. from VFC/BMC jurisdiction areas be limited to bonafide local use and in any case not to be transported outside local area/district as is deemed fit by the joint decision of VFC-BMC and Forest and Mining-Geology departments.

Education Department (Primary and Secondary): Our initiatives with high school students and teachers show, they are effective in documenting many aspects of biodiversity and related knowledge existing at village level. With a reasonable time, say one or two days spent on motivating them and familiarizing them with the concepts of biodiversity documentation and data collection formats, they could contribute substantially towards building up a dynamic database at village level ready for integration into the People's Biodiversity Registers. They are more effective in meeting and interviewing organic farmers, in noting down details on traditional cultivars, collecting details on sacred groves, major wildlife related details etc.

District administration/Zilla panchayat

- Thin plastic carry bags production and sale to be banned, so as to promote locally produced cloth and paper bags.
- Hoteliers and bulk purchasers of milk to purchase milk in larger containers, which the milk producers are to use mandatorily and need based
- Use of plastic disposable cups and plates to be banned so as to reduce environmental hazards and to provide market for locally produced biodegradable eco-friendly materials made up of say areca-spathe or washable utensils. Government institutions, offices, public sector undertakings, educational institutions, temples, hoteliers and roadside eateries, and bulk caterers to comply with such norms.
- Imposition of fines/cleaning charges be levied on polluters at all levels
- Toilet facility within reach of every household

Keywords: Ecologically Sensitive Region, Landscape dynamics, biodiversity, cluster based economic development, empowerment of women

1.0 Introduction:

Ecosystems are distinct biological entities that sustain the biosphere and characterised by a range of functions: nutrient cycling, bio-geo chemical cycle, hydrologic cycling, etc. Ecological sensitivity of ecosystems refers to their ability to cope with various kinds of environmental disturbances that have the potential of adversely changing the character of the natural landscapes. The conservation and sustainable management of ecosystems are the vital components in the pursuit of development goals that are ecologically, economically and socially sustainable. This requires an understanding of the complex functioning of ecosystems, and recognition of the full range and diversity of resources, values and ecological services that they represent, with the ability to significantly influence climate at local as well as at the global scale. Sustainability implies the equilibrium between society and the natural resources (Ramachandra et al., 2007). This entails careful and conservative utilization of natural resources to maximize their availability over time. In this regard, an approach with holistic integrated strategies considering all components and functions of the ecosystems in developmental planning is quintessential. Also, there is a need to conserve and benefit from the knowledge of uses and the traditions of conservation of biological diversity. This formidable challenge of ecosystem approach of conservation (ecosystem management) can be addressed only through proper understanding the ecosystem functioning, addressing the socio-economic values bounded by the institutional mandates. Equitable benefit sharing among all, especially local people, ensures the sustainability of natural resources. Sustainable management of ecosystems is possible only with the co-operation of the people, many of whom still depend on them for their day-to-day sustenance and the knowledge of the status and dynamics of these ecosystems resides with these same people (Ramachandra et al., 2007).

Sustainable development of a region requires a synoptic ecosystem approach that relates to the dynamics of natural variability and the effects of human interventions on key indicators of biodiversity and productivity (Ramachandra et al., 2007). Conservation has become challenging task as in the face of increasing human pressures on ecosystem. An anthropogenic disturbance on landscape is of much higher intensities compared to natural disturbance processes (such as wind and fire), which alter abiotic and biotic environments across wide areas (Kivinen and Kumpula, 2013). Forests covers about 31% today at globally as opposed to 50% of the earth's land area 8000

years ago (FAO, 2011) with the expanded extents of croplands, pastures, plantations, and urban areas. The need to provide food, fiber, water, and shelter to more than seven billion people (Foley et al., 2005, Smaling et al., 2012) driven wide-ranging changes of earth surface. This unsustainable use of the planet's resources have affected the biogeochemistry, hydrology, food security, climate and socioeconomic systems (IPCC, 2007; Smaling et al., 2012). Unplanned developmental activities have affected the land capacity to sustain biological productivity, to maintain environmental quality and long-term sustainability of socioeconomic systems (Vitousek et al., 1997). Unsustainable use of land resources for different purposes, such as forestry, tourism, mining has various impacts on land cover leading to the scarcity of natural resources.

Competition for resources and consequent land cover transformations has resulted in conflicts between different land uses leading to ecosystem degradation, which have reduced the biological and economic productivity (Berkres and Davidson-Hunt, 2006; Moen and Keskitalo, 2010) of pristine ecosystems. This necessitates an understanding of the long term driving forces of landscape dynamics for a comprehensive planning to ensure the sustainability of natural resources. This requires integration of biological, social and economic factors within decision making framework for effective ecosystem planning (Watson et al., 2011a).

Decision making based on the biophysical and socio-cultural information provides opportunities and constraints in decision-making while ensuring landscapes sustainability (Steiner, 2000; Opdam et al., 2006). Ecological sustainable landscape development planning aims for a condition of stability in ecological, physical and social systems (cultural, economic functions) achieved by maintaining the sustainability of natural resources with intergeneration equity (Ahern, 2002; Opdam et al., 2006). Prioritisation of sensitive regions for conservation (Myers et al., 2000) through a multidisciplinary approach is widely accepted norm to identify hotspots of biodiversity. A range of conservation actions being practiced, include protecting altitudinal gradients (Watson et al., 2011b), protection of contiguous forests with native vegetation, habitat of endemic flora and fauna, sacred patches of forests/kans/groves and creating large scale corridors that allow shifts in species ranges due to environmental changes (Hannah et al., 2007, Toth et al., 2011). Spatial components such as riverine corridors, upland-lowland gradients, macroclimatic gradients, etc.

have been identified as proxies of key ecological processes at regional scales. Participatory or incentive based instruments are often used as proxies at local scale. In addition, knowledge of landscape dynamics due to the natural and anthropogenic activities is required for evolving apt conservation measures (Pressey et al., 2007). The local conservation endeavours involving effective strategic planning processes also help in global conservation (Boyd et al., 2008; Toth et al., 2011). Implications of the environmental changes on natural resources are to be sufficiently perceived and understood by policy makers and the decision makers for management interventions.

The spatial conservation planning considering both ecological and cultural dimensions will results in as ecologically sensitive regions (ESR). Ecological sensitive regions treasure sensitive natural elements that could be degraded or lost as a result of uncontrolled or incompatible development. ESR will aid in demarcating regions for conservation and community usage based on ecological and social / cultural dimensions. Ecological dimension refers to the natural environment such as ecosystems and ecological processes. While, cultural dimension refers to the human culture such as political, social, technological and economic aspects. ESR are identified based on the quality, the scarcity, or the role they play in the ecosystem and culture, to maintain essentially the ecological characteristics and integrity (Frederick et al., 2000). Ecological and cultural dimensions are two different perspectives of reality and are combined as a result of history of diversified interplay and interdependence between the two (Williams, 1980).

Section 5(1) of Environment (Protection) Act 1986 (EPA), Ministry of Environment and Forests (MoEF), Government of India regulate the location of industries and carrying out certain operations on the basis of considerations like the ecological sensitivity. The MoEF had set up Committee (Pronab Sen Committee, 2000) to identify parameters for designating **Ecologically Sensitive Areas** in the country to counter the rapid deterioration of the environment, both nationally and internationally (MoEF, 2000). The committee has defined ecological sensitivity or fragility as *permanent and irreparable loss of extant life forms from the world; or significant damage to the natural processes of evolution and speciation*. Gadgil et al., 2011 prepared an outline for determining eco-sensitive regions based on biological, economical, socio cultural values depending upon the context and the area or location for conservation. ESRs are the areas

that are ecologically and economically very important but, vulnerable to even mild disturbances and hence demand conservation. These are the 'unique' regions that are biologically and ecologically valuable and are hence irreplaceable if destroyed (Gadgil et al., 2011). The delineation of ESR is not confined by a set of variables and their possessions. They are location specific and cannot be narrowed by a specific range. The structured protocol for defining ecological sensitive region by a series of attributes with the criteria to be used for each of them and then provide a methodological process is not well defined (Gadgil et al., 2011). Delineation of certain key variables is required to represent entire system or mimic major system's functionalities. Determining a system's boundary is another most important and challenging aspects of working with ecosystems, given that many ecosystem processes are very diffuse and dynamic.

Various empirical and statistical approaches based on regression or probability analysis have been applied widely to assess regional conservation priorities. The underlying disadvantage of this approach is lack of spatial visualisation required for planning process. Moreover, methods developed without spatial attributes were inadequate at the regional level where the most information is available on terrestrial and aquatic ecosystems, land-use changes, and a variety of simultaneous stressors (Li et al., 2006). Geo informatics equipped with free and open source softwares has gained significance in recent times due to the contribution to spatial conservation planning of a region by providing spatial analytical and modelling abilities for understanding of ecological systems (Rundell et al., 2009; Ramachandra et al., 2012). Remote sensing, geographical information systems (GIS) are powerful tools for handling spatial data (Bharath et al., 2012), performing spatial analysis and manipulating spatial outputs. GIS also provides a consistent visualisation environment for displaying the input data and results of a model (Wang et al., 2010). The intrinsic ability of GIS to store, analyze and display large amounts of spatial data (Ramachandra et al., 2012) enables it to make a significant contribution to ecological conservation assessment (Ramachandra et al., 2007). This ability of GIS as decision support system is very useful in a decision-making process (Vairavamoorthy et al., 2007). Temporal information on land cover, bio-geophysical data are used for global change studies, including climate change, biodiversity conservation, ecosystem assessment and environmental modelling, planning and management (Melesse, 2004). Thus, spatial and temporal information is required to undertake management interventions with mitigation measures in a region (Woldie et al., 2011).

Spatial decision support tools are playing an important role that simultaneously meet conservation targets while minimizing social and economic costs to guide management actions and locations. The integration of spatial tools is increasing accountability and transparency in the planning process and leading to more economically efficient conservation actions (Knight et al., 2006; Joseph et al., 2011; Marignani and Blasi, 2012). Various techniques and methodologies have evolved to design effective planning. Remote sensing, geographical information systems (GIS) and quantification of the fauna, flora, physical environment and anthropic disturbance are widely used in geospatial model based analyses. With the existing knowledge, planning approach should revise to allow spatio temporal alterations of features, biodiversity, threats and management options to demonstrate a systematic conservation planning at a fine scale.

The research work envisions the beginning of an on-going process to integrate ecological and environmental considerations into administration in the biodiversity rich district of Karnataka. This is a major step towards an ecological audit that eventually should result in the conservation and sustainable use of biodiversity. This process in due course will create an integrated database on biodiversity for the district and also furnish analyzed data, advice and management prescriptions to beneficiaries at every level from the village communities to the Government. Integrated Ecological carrying capacity study provides the regional planner in evolving appropriate conservation strategies for sustainable management particularly on a defined geographical area. Decision making on developmental activities, entail planning that depends upon the availability of reliable and accurate data. Data required for natural resource planning include spatial data such as, information of physiography of the area, land use, assets, etc. Geographic information system (GIS) with a capability of handling spatial data helps in the analysis and visualisation of results effectively, and aids decision making process.

The district is in need for ecologically sound development plans for sustainable productivity. For preparation of such a plan, the basic need is to have a fresh appraisal of the carrying capacity of the district, which has never been done before. The carrying capacity study, which involves detailed study on every aspect of ecology and human life in the region, will be the best guide and tool for both policy makers to choose appropriate developmental and other income generating projects which are in tune with the ecology of the district. The carrying capacity studies, if adapted

to the village panchayat levels, can transform lives of people at grass-root level through better understanding of their surroundings, by adopting lifestyles having greater harmony with their environment, so as to reap maximum sustainable benefits

2.0 Objectives:

The objective of the current endeavour is to identify and prioritise ecologically sensitive regions based on ecological, biological, social and geo-climatic attributes. This involved

1. Creating an integrated database on biodiversity for the district and also furnish analyzed data, advice and management prescriptions to beneficiaries at every level from the village communities to the Government.
2. Compilation of primary data related to biodiversity, ecology, energy, hydrology and social aspects..
3. Demarcation of local hotspots of biodiversity for conservation based on biotic, abiotic and social criteria.
4. Designation of a comprehensive management frame work that counter measures to mitigate forest loss to attain sustainable growth of region and also support to preserve biodiversity.

3.0 Study area:

Karnataka state comprises of 30 districts, of which only three are in the costal belt and Uttara Kannada (Figure 1.1) is one among the three. The region is bounded between 13.769° to 15.732° north and 74.124° to 75.169° east. It encompasses an area of 10,291 sq km, which is 5.37% of the total area of the State. The district extends to about 328 km north south and 160 km east west. Most of the district is hilly and thickly wooded. For administrative purpose 11 taluks have been marked in this district. Supa taluk is the largest with an area of 1890.3 sq km and Bhatkal taluk the smallest in district with 348.9 sq km. The district is surrounded by state of Goa and Belgaum district in the north, Dharward and Haveri in the east; southern neighbors are Udipi and Shimoga districts, the Arabian Sea on the other side. This district takes away maximum portion of the shoreline, i.e., 120 km of 300 km of the total costal belt of Karnataka.

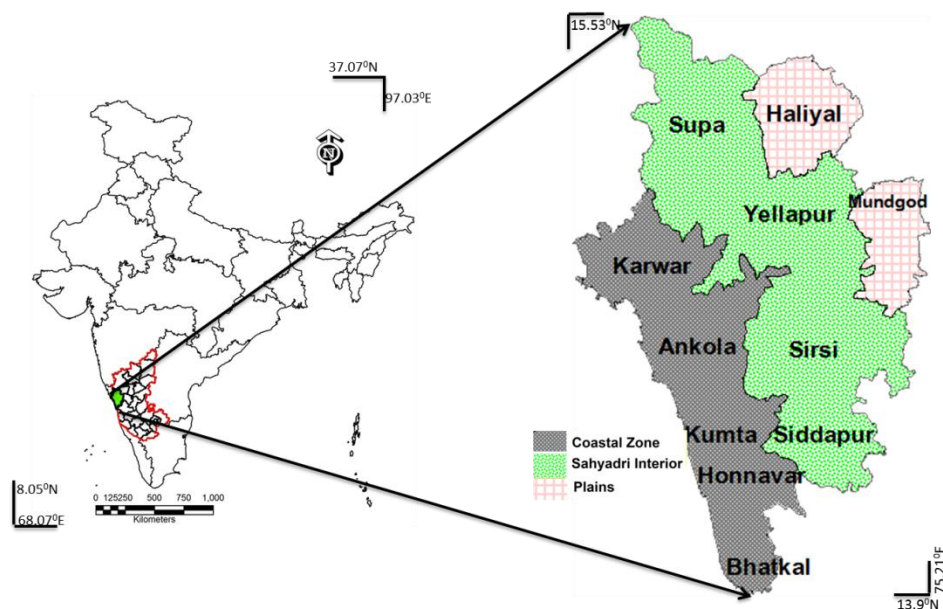


Figure 1.1: Study area and its agro climatic zones

The west flowing rivers break the shoreline of Uttara Kannada by deep and wide mouthed estuaries. Kalinadi, Bedthi, Aganashini, Sharavathi, Venkatapur, Bhatkal, Belambar, Navgadde halla, Hattikeri halla and Belambar are west flowing rivers (Figure 1.2). Of these major rivers are Kalinadi, Bedthi, Aganashini, and Sharavathi River. The two east flowing rivers are Dharma and Varada. The rivers give raise to magnificent waterfalls in the district. The Jog fall in Sharavathi Other famous waterfalls include Lushington falls, where the river Aghanashini drops 116 meters, Magod falls, where the Bedti river plunges 180 meters in two leaps, Shivganga falls, where the river Souda drops 74 meters, and Lalguli and Mailmane falls on the river Kali. The Kali river origins in Joida taluk flows through Karwar taluk, the Gangavali (Bedthi) origins in Dharwad District flows through Yellapur and Ankola taluks. The Aghanashini river origins in Sirsi flows through Siddapur and Kumta taluks. Sharavati origins in Shimoga district, which forms the famous Jog Falls flows through Honnavar. The other rivers of the District are the Venktapur (origins in Bhatkal) and the Varada (origins in Sirsi). All the rivers flow from East to West, whereas Varada river flows eastwards. Uttara Kannada district has five reservoirs such as Supa reservoir, Tattihalla reservoir, Bommanahalli reservoir, Kodsalli reservoir & Kadra reservoir across Kali river and Gersoppa reservoir across Sharavathi river. Also, where these rivers meet the sea, there form some of the finest estuaries of the west coast. The district has varied Geographical features with thick

forest, perennial rivers and abundant flora and fauna and a long coastal line of about 140 KM in length.

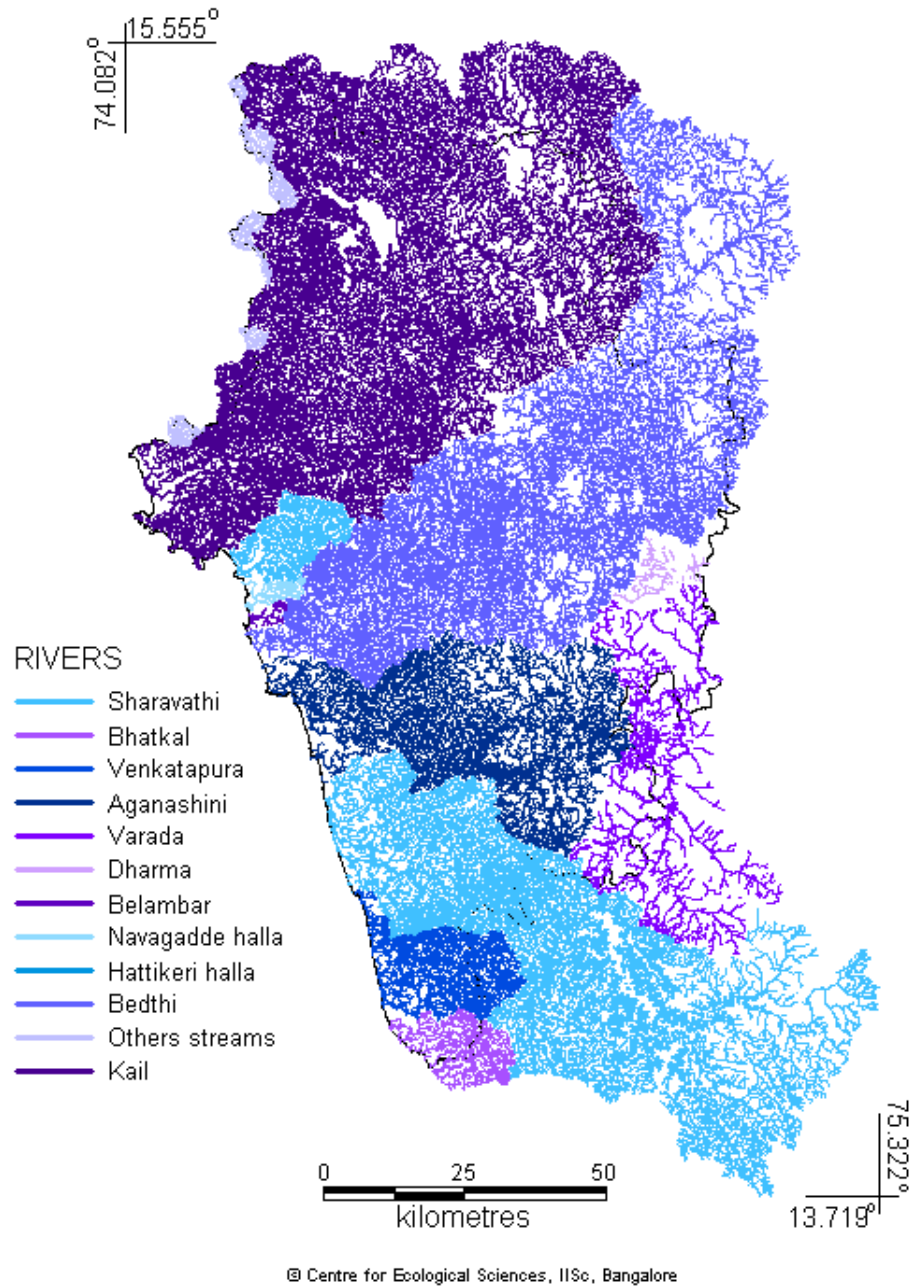


Figure 1.2: Drainage network in Uttara Kannada

Uttara Kannada District (Figure 1.1) has unique distinction of having 3 agro climatic zones and has 11 taluks. The coastal region, which has hot and humid climate (rainfall varies between 3000-4500 mm) and comprises the taluks of Karwar, Ankola, Kumta, Honnavar and Bhatkal. The Sahyadri interior region of the Western Ghats (500-1000 m high), which is very humid to the south (rainfall varies from 4000-5500 mm) and comprises the taluks of Sirsi, Siddapur, Supa and Yellapur. The plains are regions of transition, which are drier (rainfall varies between 1500-2000 mm), and comprises the taluks of Mundgod and Haliyal.

Uttara Kannada (Central Western Ghats) has highest forest cover with diverse flora and fauna. Conservation plans need to take into account complexity of diversity, cultures, economic agendas. The traditional agro disturbance regime based on clearing and burning has been abandoned in many places in the district during the last few decades. The population density of the villages is presented thematically in Figure 1.3. The Bhatkal followed by Kumta are showing the higher density and Supa has least population density in the district

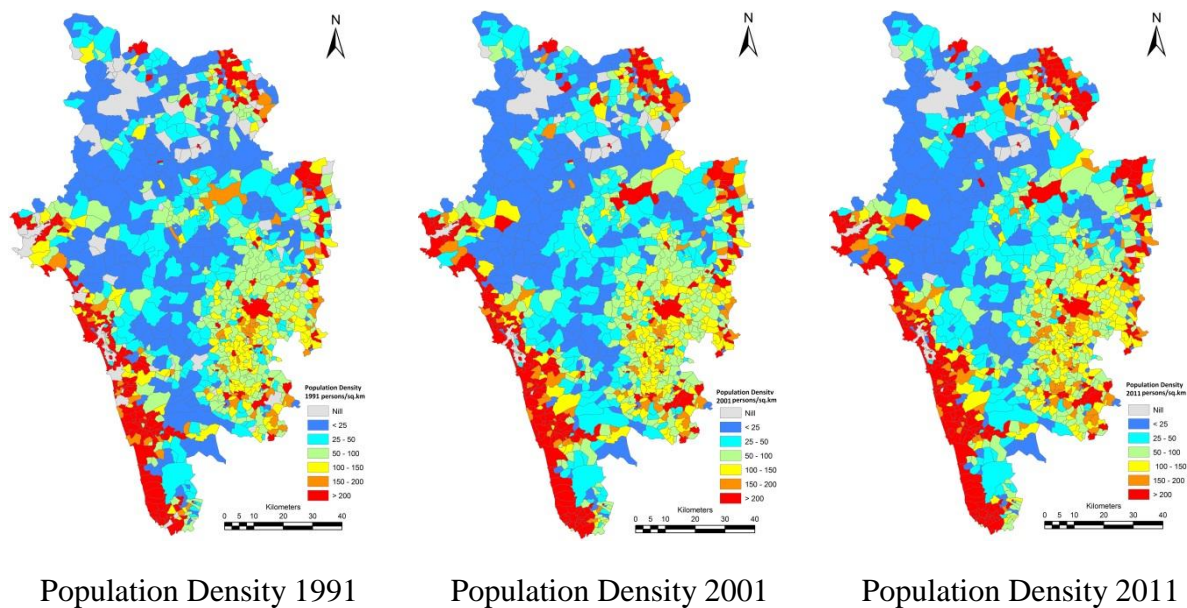


Figure 1.3: Villagewise population density 1991, 2001 and 2011

4.0 Method:

The smallest geo-climatic unit wherein the response of ecosystems to environmental disturbances can be observed, evaluated and mitigated is the landscape (Forman and Godron, 1986). Ecological sensitivity concerns ecosystems and their ability to cope with various kinds of environmental disturbances that have the potential of adversely changing the structure of the natural landscapes. Ecologically sensitive regions in the district are prioritized considering biological (terrestrial and aquatic flora and fauna, estuarine biodiversity), ecological (diversity, endemism, conservation reserve), geo-climatic (altitude, slope, rainfall), renewable energy prospects (bio, solar, wind), social (population, forest dwelling communities) as outlined in Figure 2.

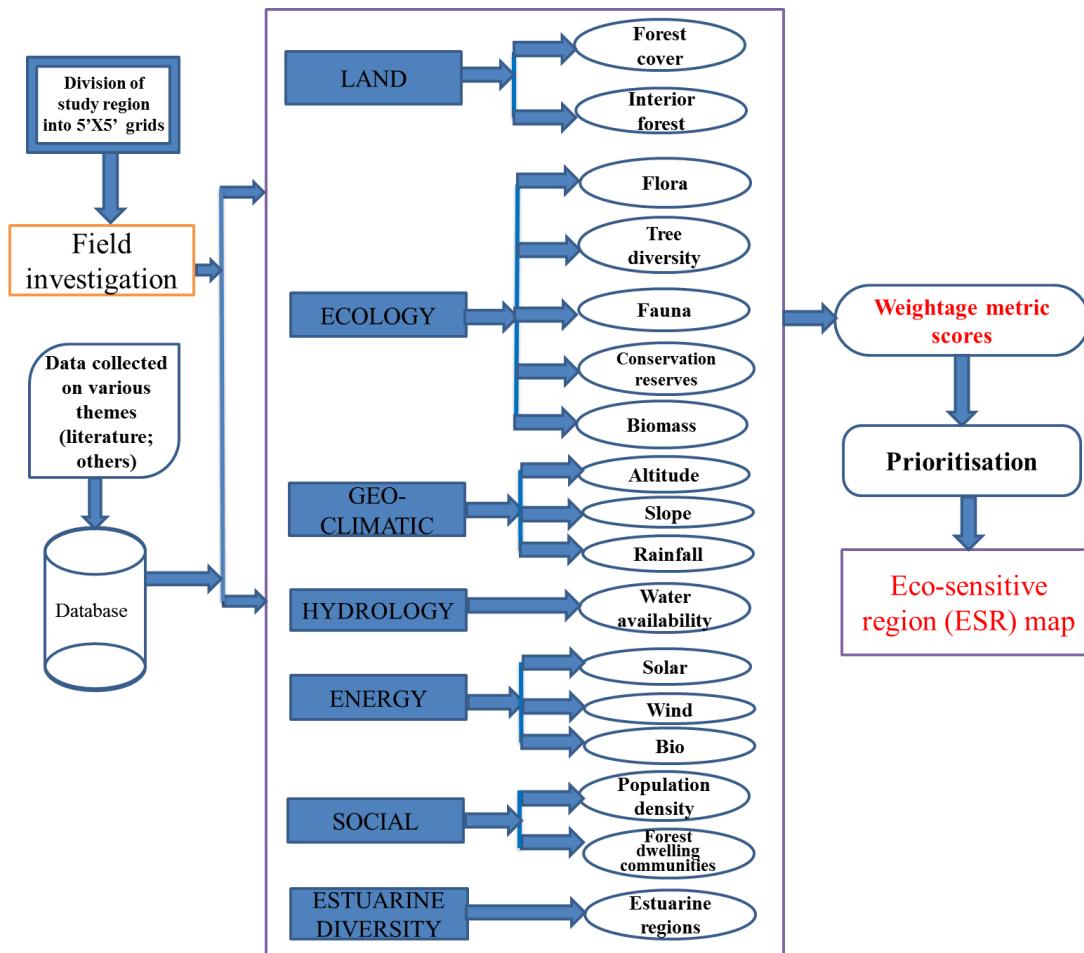


Figure 2: Criteria for prioritizing ESR

Table 1 lists weights assigned for each metric of various themes considering minimal impact on landscape and also to prioritise conservation regions for future planning.

Table 1: the various themes considered and their weightages

S.NO.	Themes	Weightages / ranking				
		1	3	5	7	10
1.	LAND					
	Land use	FC<20%	20<FC<40%	40<FC<60%	60<FC <80%	FC > 80%
	Interior forest	IF<20%	20<IF<40%	40<IF<60%	60<IF<80%	IF> 80%
2.	ECOLOGY					
	Flora	NEND	END<30%	30<END<50%	50<END<70%	END>70%
	Tree diversity	SHD<2	2<SHD<2.5	2.5 <SHD<2.7	2.7<SHD<3	SHD>3
	Fauna	-	NEND	-	-	END
	Conservation reserves (CR)	-	-	-	-	National parks, Wild life reserves, Myristica swamps, Sanctuaries
	Biomass (Gg)	BM<250	250<BM<500	500<BM<750	750<BM<1000	BM>1000
3.	GEO-CLIMATIC					
	Altitude					
	Slope	-	-	-	Slope > 20%	Slope > 30%
	Precipitation	-	1000>RF> 2000 mm	2000>RF> 3000 mm	3000>RF> 2000 mm	RF> 4000 mm
4.	HYDROLOGY					
	Stream flow	WA<4	4<WA<6	6<WA<9	9<WA<12	WA=12
5.	ENERGY					
	Solar	-	-	<5 KWh/m ² /day	5-6 KWh/m ² /day	6-6.5 KWh/m ² /day
	Wind	-	-	2.4 to 2.55 m/s	2.5 to 2.6 m/s	2.6 to 2.7 m/s
	Bio	SD<1	SD>1	1>SD<2	2<SD<3	SD>3
6.	SOCIAL					
	Population density (PD)	PD>200	100<PD<200	100<PD<150	50<PD<100	PD<50
	Forest dwelling communities (Tribes)		-	Tribes are present then assigned 10; if no tribal population exists, then assigned as 0		
7.	ESTUARINE DIVERSITY					
	Estuarine regions	-	low	moderate	high	very high

FC-forest cover; IF-interior forest cover; END-endemic; NEND-non-endemic; BM-biomass; SD-supply to demand ratio; WA-Water availability

This approach iteratively assigns weightages across the landscape with varied themes for a development solution and monitoring. Developing a weightage metric score analysis requires knowledge of multidisciplines (Termorshuizen and Opdam, 2009) and planning integrates the present and future needs in the landscape. Assigning weightages based on the relative significance of themes (Beinat, 1997) for prioritizing eco-sensitive regions provides a transparent mechanism for combining multiple data sets together to infer the significance. The weightage is given by Equation 1.

$$\text{Weightage} = \sum_{i=1}^n W_i V_i \quad \dots\dots\dots 1$$

Where n is the number of data sets (variables), V_i is the value associated with criterion i, and W_i is the weight associated to that criterion. Table 1 expresses the theme wise decision variable considered with their level of significance, ranked between 1 and 10. Value 10 corresponds to highest priority for conservation whereas 7, 5 and 3 corresponds to high, moderate and low levels of prioritisation. Assigning weightages based on individual proxy based extensively on GIS techniques, has proved to be the most effective for prioritizing ESR. Visualisation of levels of ESR help the decision makers in opting eco-friendly development measures. Table 2 lists the existing conservation reserves in the district.

The study area is divided in to 5'x5' equal area grids (168) covering approximately 9x9 km² (Figure 2) for prioritizing ESR. A detailed database has been created for various themes covering all aspects from land to estuarine ecosystem. The theme wise description is given below highlights the consideration of variables for study and their significance in conservation priority.

Floristic diversity: Field investigation were carried out in 116 sample transects (marked in Figure 2) for data on the plant species diversity, basal area, biomass, estimates of carbon sequestration, percentage of evergreenness and Western Ghats endemism and about the distribution of threatened species etc.

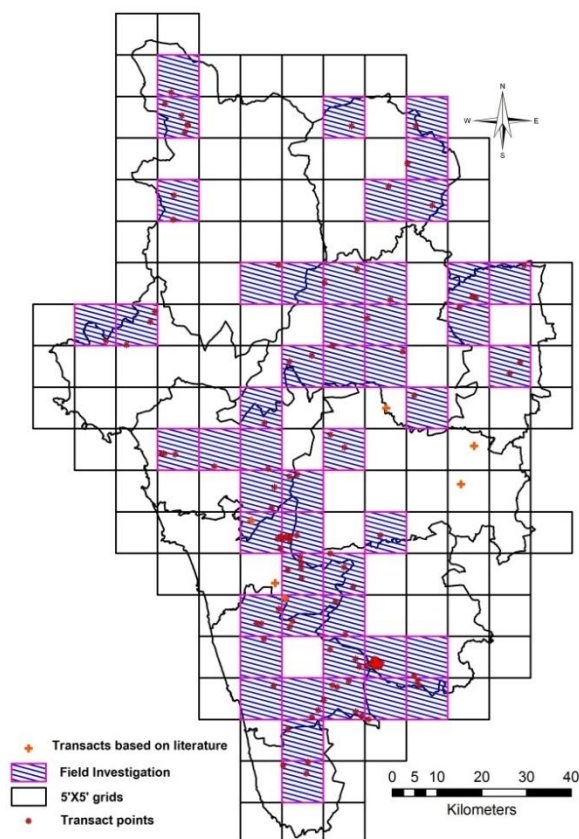


Figure 3: Grids with the distribution of transects

Along a transect length ranging upto 180 m, quadrats each of 20 x 20 m were laid alternatively on the right and left, for tree study (minimum girth of 30 cm at GBH or 130 cm height from the ground), keeping intervals of 20 m length between successive quadrats. Number of quadrats per transect depended on species-area curve and most transects had maximum of 5 quadrats. Within each tree quadrat, at two diagonal corners, two sub-quadrats of 5m x 5m were laid for shrubs and tree saplings (< 30 cm girth). Within each of these 2 herb layer quadrats, 1 sq.m area each, were also laid down for herbs and tree seedlings (figure 3). Supplementary data were compiled through the review of published literatures, unpublished data sets and ground based surveys other than transects.

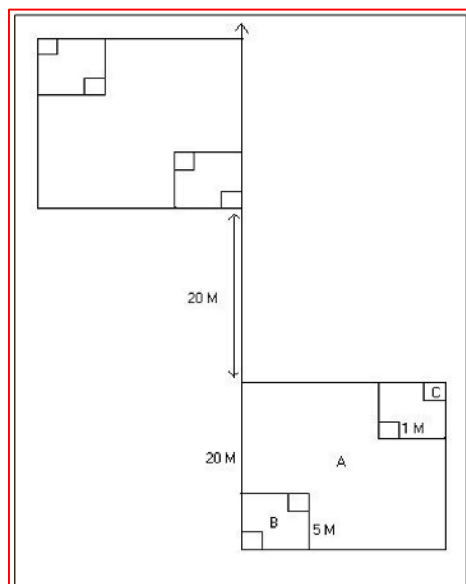


Figure 4: transect cum quadrats (2 of 5 quadrats of 20 x 20 m only shown)

Approches adopted in documenting flora and fauna are available in

Ramachandra T.V., Subash Chandran M.D., Joshi N.V., Rao G.R., Vishnu Mukri, Sumesh N. Dudani, Balachandran C., Prakash N.Mesta, Sreekanth Naik, 2013. Floristic diversity in Uttara Kannada district, Karnataka State, Central Western Ghats, Sahyadri Conservation series 32, ENVIS Technical Report 62, CES, Indian Institute of Science, Bangalore 560012, India

Ramachandra T V, Subash Chandran M D, Joshi N V, Sumesh Dudani, 2012. Exploring Biodiversity and Ecology of Central Western Ghats, ENVIS Technical Report: 39, Sahyadri Conservation Series 13, ENVIS- Environmental Information System, Centre for Ecological Sciences, Indian Institute of Science, Bangalore

- Land:** Landscape dynamics is essential to investigate forest landscape pattern and process to understand how forest ecosystems change under anthropogenic disturbances. At any instant of time land cover (LC) Land use (LU) modifications refers to the way humans and their land resources, usually with assent on the functional role of land for economic activities. This change is prominent and measured at temporal scale with remote sensing data (Ramachandra et al., 2013). The study highlights temporal dynamics of forest landscapes emphasises the interaction between human activities and ecological process. The present status of land use of forest (year 2013) is considered and prioritised as per the area covered. Interior forest cover is another prime variable considered, which explains the health of forest and status of fragmentation at landscape level. Forest fragmentation statistics and the total extent of forest and its occurrence as adjacent pixels is computed through fixed area windows surrounding each forest pixel, which is used to classify the window by the type of fragmentation (Ramachandra et al., 2013). The interior forest cover of year 2013 is considered as one of proxies under land theme. Fragmentation analysis will provide description of different components that will help us to analyse the status of forest in a

region. **Interior** forest cover is the forest pixels that are reasonably far away from the forest-non forest boundary. Interior forested areas are surrounded by more thick forested areas. **Patch** forest type is referred as forest pixels that comprise a small forested area surrounded by non-forested land cover. **Edge** forest type comprises forest pixels that define the boundary between interior forest and large non-forested land cover features. **Perforated** forest cover is defined as forest pixels that are the boundary between interior forest and relatively small clearings (perforations) within the forested landscape. **Transitional** types are clearly depending on non-forest and edge pattern. These are in between edge type and non-forest types. If higher pixels are non-forest then they will be tending to non-forest cover with higher degree of edge. The water bodies or river coarse are considered as non-fragmenting features, because they act as natural corridors in forested landscape. Non-forested areas including buildings, roads, agricultural field, and barren land, along with developed land, are considered fragmenting features.

LULC dynamics with agents of changes are documented in
Ramachandra T V, Subash Chandran M D, Joshi N V, Bharath Setturu, 2013. Land Use Land Cover (LULC) dynamics in Uttara Kannada Central Western Ghats, Sahyadri Conservation Series 28, ENVIS Technical Report 56, ENVIS, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560012
Ramachandra T.V., Subash Chandran M.D., Joshi N.V. and Bharath Setturu, 2013. Fargmentation of Uttara Kannada Forests, Sahyadri Conservation Series 29, ENVIS Technical Report 57, ENVIS, Centre for Ecological Sciences, Indian Institute of science, Bangalore 560012
Ramachandra T.V., Subash Chandran M.D., Joshi N.V. and Bharath Setturu, 2013. Land use changes with the implementation of Developmental projects in Uttara Kannada district, Sahyadri Conservation Series 31, ENVIS Technical Report 61, ENVIS, Centre for Ecological Sciences, Indian Institute of science, Bangalore 560012

- **Ecology:** The health of ecosystem and its significance is derived based on the key variables – endemism, floral diversity, evergreenness, etc. for evolving composite conservation index. Data compilation included combination of field and earlier literatures. Tree species diversity is another measure was calculated using a Shannon’s diversity index (H'). This method was selected because it provides an account for both abundance and evenness (Magurran 1988; Brose et al., 2003). It also does not disproportionately favour specific species over the others as it counts all species according to their frequencies (Lou, 2006). Shannon’s diversity index, (H') is defined in equation 2

$$(H)' = - \sum_{i=1}^n (p_i) \ln p_i \quad \dots \quad 2$$

where, i is the proportion of the species relative to the total number of species (p_i) multiplied by the natural logarithm of this proportion ($\ln p_i$) and the final product multiplied by -1 . The Shannon's index ranges typically from 1.5 to 3.5 and rarely reaches 4.5. So, higher diversity range will be assigned as higher weightage for conservation.

Faunal diversity is another variable which enhances eco-sensitivity of a region. The Central Western Ghats is store house of endemic fauna, in which endemism appears to increase in the undulating terrains of upper ghats. Species richness and endemism are two key attributes of biodiversity that reflect the complexity and uniqueness of natural ecosystems (Caldecott et al., 1996). Myers et al., (2000) prioritises regions as 'biodiversity hotspots', based on the presence of exceptional concentrations of endemic species and experiencing exceptional loss of habitat. Reviewing the role of endemism, Meadows (2008) stated that eco-regions rich in endemics are also rich in overall species. The setting of regional conservation priorities based on combinations of modeling individual endemic species' distributions, evaluating regional concentrations of species richness, and using complementarity of areas by maximizing inclusion of species in the overall system is most appropriate (Peterson et al., 1990). The current study investigates floristic diversity associated with different forests and computes basal area, biomass and carbon sequestration in forests. Apart from the inventorying, mapping of endemic tree, documentation of faunal species has been done to find out areas of high endemism and congregations of threatened species. A set of criteria for prioritising the regions has been prepared based on field investigation, interaction with stakeholders (researchers working in this region, forest officials, local people, subject experts).

Mammals are well represented in this chain of mountains and many endemic birds are found in all other places of the district. The endemic and non-endemic status of all faunal diversity is categorised based on literature and also field sampling. Many hill birds are common to the Sahyadris (mountainous part of district) and also move locally up and down the Ghats from the plains to the coast line forests seasonally. Disturbances in the migration movements, increasing forest fragmentation with isolation of the forest patches could be responsible for major losses of avifauna in the near future.

Conservation Reserves (CR) are being established under the framework of Protected Areas (PA) under the Wildlife (Protection) Amendment Act of 2002. CRs are typically buffer zones or connectors and migration corridors between National Parks, Wildlife Sanctuaries and reserved protected forests in the district (table 2). These reserves protect habitats that are under private ownership also, through active stakeholder participation. The biological diversity in these zones like National parks, Sanctuaries, Botanical gardens, Zoological gardens hosts threatened (rare, vulnerable, endangered) flora / fauna. Higher weightage is assigned for CR's.

Table 2: Details of Conservation Reserves in Uttara Kannada

Name	Area (sq.km)	Conservation priority species	Priority locations
Anshi Dandeli Tiger reserve (ADTR)	1365	conservation Tigers & Hornbills	Joida, Haliyal and Karwar taluks
Aghanashini LTM Conservation Reserve	299.52	Lion tailed macaque (LTM), Myristica swamps	Unchalli Falls, Kathalekan, Muktihole
Bedthi Conservation Reserve	57.07	Hornbills & <i>Coscinium fenestratum</i> (medicinal plant)	Magod Falls, Jenukallu gudda, Bilihalla valley, Konkikote
Shalmala Riparian Eco-system Conservation Reserve	4.89	Diverse flora, fauna and as an important corridor in Western Ghats of Karnataka	Ramanguli
Hornbill Conservation Reserve	52.50	Hornbills	Kali River
Attivery Bird Sanctuary	2.23	Endemic birds	Mundgod taluk

Biomass is another important indicator of forest health and reveals its role in global carbon sink. Trees play an important role as carbon sink, during the process of photosynthesis, the atmospheric CO₂ is utilized by the leaves for the manufacture of food in the form of glucose, later on its gets converted to other forms of food materials i.e. starch, lignin, hemicelluloses, amino acids, proteins etc. and is diverted to other tree components for storage, which is referred as biomass, measured in Giga grams. Most of Uttara Kannada falling in the high rainfall zone, except Mundgod and eastern parts of Haliyal and Yellapura support trees with higher biomass. Undisturbed forests tend to have more biomass than disturbed and secondary forests or savannas.

<p>Details of biomass quantification, flora and fauna diversity are available in</p>
<p>Ramachandra T.V., Subash Chandran M.D., Joshi N.V., Bharath Setturu, 2013. Carbon sequestration in Uttara Kannada, Sahyadri Conservation Series 33, ENVIS Technical Report 63, CES, Indian Institute of Science, Bangalore 560012, India</p>
<p>Ramachandra T.V., Subash Chandran M.D., Joshi N.V., Rao G.R., Vishnu Mukri, Sumesh N. Dudani, Balachandran C., Prakash N.Mesta, Sreekanth Naik, 2013. Floristic diversity in Uttara Kannada district, Karnataka State, Central Western Ghats, Sahyadri Conservation series 32, ENVIS Technical Report 62, CES, Indian Institute of Science, Bangalore 560012, India</p>
<p>Ramachandra T V, Subash Chandran M D, Joshi N V, Karthick B, Sameer Ali and Vishnu Mukri, 2012. Ecohydrology of Lotic Ecosystems of Uttara Kannada, Central Western Ghats, ENVIS Technical Report: 40, Sahyadri Conservation Series 14, ENVIS- Environmental Information System, Centre for Ecological Sciences, Indian Institute of Science, Bangalore</p>
<p>Ramachandra T V, Subash Chandran M D, Joshi N V, Sumesh Dudani, 2012. Exploring Biodiversity and Ecology of Central Western Ghats, ENVIS Technical Report: 39, Sahyadri Conservation Series 13, ENVIS- Environmental Information System, Centre for Ecological Sciences, Indian Institute of Science, Bangalore</p>
<p>Ramachandra. T.V, Subash Chandran M.D, Joshi N.V, and Shalini Kumar, 2012. Conservation of Endangered Fauna in Sharavathi River Basin, Central Western Ghats., Sahyadri Conservation Series: 6, ENVIS Technical Report : 22, Energy & Wetlands Research Group, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560 012.</p>
<p>Ramachandra. T.V, Subash Chandran M.D, Joshi N.V, Ajay Narendra and Ali T.M., 2012. Ant Species Composition and Diversity in the Sharavathi River Basin, Central Western Ghats., Sahyadri Conservation Series: 3, ENVIS Technical Report : 20, Energy & Wetlands Research Group, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560 012.</p>
<p>Ramachandra T V, Subash Chandran M D, Joshi N V, Sooraj N P, Rao G R and Vishnu Mukri, 2012. Ecology of Sacred <i>Kan</i> Forests in Central Western Ghats, ENVIS Technical Report: 41, Sahyadri Conservation Series 15, ENVIS- Environmental Information System, Centre for Ecological Sciences, Indian Institute of Science, Bangalore</p>
<p>Ramachandra T V, Subash Chandran M D, Joshi N V, Divya Soman, Aswath D Naik, Prakash N Mesta, 2013. Valuation of goods and services from forests ecosystem of Uttara Kannada, Central Western Ghats, Sahyadri Conservation Series 25, ENVIS Technical Report 44, ENVIS, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560012</p>
<p>Ramachandra T V, Subash Chandran M D, Joshi N V, Gururaja K V, Sameer Ali and Vishnu Mukri, 2012. Amphibian Diversity and Distribution in Uttara Kannada District, Karnataka, ENVIS Technical Report: 47, Sahyadri Conservation Series 18, ENVIS- Environmental Information System, Centre for Ecological Sciences, Indian Institute of Science, Bangalore</p>
<p>Subash Chandran M.D, Ramachandra. T.V, Joshi N.V., Rao G.R, Prakash N. Mesta, Balachandran C. and Sumesh N. Dudani, 2012. Conservation Reserve Status to Lateritic Plateaus of Coastal Uttara Kannada., ENVIS Technical Report: 51, Sahyadri Conservation Series 21, November 2012, Energy & Wetlands Research Group, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560 012.</p>

- **Geo-climatic:** Geo-climate plays a major role in determining the speed of recovery (lag-time) of a landscape (and the ecosystem that governs it). The longer the lag-time, the more ecologically sensitive a landscape is. In the Western Ghats, higher altitude, easterly aspect, steepness and longer dry seasons make a landscape more sensitive (Daniels and Venkatesan, 2008). The geo-climatic variables such as altitude (elevation, slope, rain fall) have significant role in local ecology. The patterns of altitude, slope and rainfall brings about the sensitivity, heterogeneity, complexity of climate, soil, vegetation, land use, land cover in connection with socio-economic interactions (Woldie et al., 2011; Wondie et al., 2012). Monitoring and planning is essential by

considering geo-climatic variables in order to reduce the risks associated such as landslides, floods, intensive soil erosion due to land use changes. Analysing patterns and imposing restrictions plays a vital role in conservation planning of a region (Wasige et al., 2013). The elevation map is generated using Cartosat DEM of 1 arc second resolution. Areas with steep slopes and high altitudes are likely to be eroded more easily, and hence vulnerable to natural erosion or landslides. Obviously such areas need to be considered as least resilient and hence environmentally sensitive zones areas. The analysis has considered that the slopes and altitudes can be normalized within each grid from 0 (least average slope or lowest average altitude) to 10 (high slope and high altitude) and assigned to the grids. The slope map is generated from DEM data set. The rate of change (delta) of the surface in the horizontal (dz/dx) and vertical (dz/dy) directions from the center cell determines the slope. Slope values are (measured in degrees) extracted using slope the algorithm (Burrough, 1998) as,

$$\text{Slope degrees} = \text{ATAN} \left(\left(\left[\frac{dz}{dx} \right]^2 \right) + \left(\left[\frac{dz}{dy} \right]^2 \right) \right) \times 57.296 \dots (2)$$

Where, dz/dx is the rate of change in the x direction; dz/dy is the rate of change in the y direction. Point based daily rainfall data from various rain gauge stations in and around the study area between 1901 and 2010 were considered for analysis of rainfall (Ramachandra et al., 2013). The rainfall data used for the study were obtained from Department of statistics, Government of Karnataka; Indian metrological data (IMD), Government of India. Rainfall trend analysis was done for selected rain gauge stations to assess the variability of rainfall at different locations in the study area. The points based long term daily rainfall data were used to calculate the monthly and annual rainfall in each rain gauge station based on mean and standard deviation of rainfall at selected rain gauge stations. The average monthly and annual rainfall data were used to derive rainfall throughout the study area through the process of interpolation (isohyets).

Details are available in

Ramachandra T V, Subash Chandran M D, Joshi N V, Daval Joshi and Maneesh Kumar, 2012. Soil quality across diverse landscapes in Central Western Ghats, India, ENVIS Technical Report: 42, Sahyadri Conservation Series 16, ENVIS- Environmental Information System, Centre for Ecological Sciences, Indian Institute of Science, Bangalore
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Ramachandra. T.V, Subash Chandran M.D, Joshi N.V, Rajinikanth R and Raushan Kumar, 2012. Water, soil and sediment characterization: Sharavathi river basin, Western Ghats., Sahyadri Conservation Series: 4, ENVIS Technical Report: 21, Energy & Wetlands Research Group, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560 012.
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Ramachandra T.V., Subash Chandran M.D, Joshi N.V., Pallav Julka, Uttam Kumar, Bharath H. Aithal, Prakash Mesta, Rao G R, Vishnu Mukri, 2012. Landslide Susceptible Zone Mapping in Uttara Kannada, Central Western Ghats, Sahyadri Conservation Series 7, ENVIS Technical Report: 28, Environmental Information System [ENVIS], Centre for Ecological Sciences, IISc, Bangalore

- **Energy:** Dependence on the conventional energy resources for electricity generation is eroding the natural resources at faster rate. The process of electricity generation causes significant adverse effect on ecology by producing enormous quantity of byproducts including nuclear waste and carbon dioxide. Improving energy efficiency, switch over to renewable sources of energy and de-linking economic development from energy consumption (particularly of fossil fuels) is essential for sustainable development of a region (Ramachandra et al., 2013). Potential of renewable energy sources are assessed (Solar, Wind, Bioenergy) month wise and captured the variations (Ramachandra et al., 1997; Ramachandra et al., 2013). The Solar energy datasets are derived based on NASA's Surface Meteorology and Solar Energy (SSE) methodology. The solar energy is available greater than 10 months with higher potential. Availability of wind energy and its characteristics of Uttara Kannada District have been analysed based on primary data collected from India Meteorological Department (IMD) observatories. Wind energy conversion systems would be most effective during the period May to August. Energy Pattern Factor (EPF) and Power Densities are computed shows that the coastal taluks such as Karwar, Ankola and Kumta have good wind potential. This potential, if exploited would help local industries, irrigating orchards (coconut and areca plantations) and makes the wind energy a desirable alternative. The domestic fuel wood consumption survey of this region reveals that 82 to 90% of the households still depend on fuel wood and agro residues. Analyses of sector-wise contribution in the energy surplus zones shows that horticulture residues contribute in the central dry zone, southern transition zone and the coastal zone, while in the hilly zone, forests contribute more towards the available bioenergy. Adaptation of green technologies can contribute significantly to cutting down harmful greenhouse gases and hence reduction in carbon footprint. Weightages are assigned based on the level and quantum of availability of renewable resource.

Details are available in

Ramachandra T V, Subash Chandran M D, Joshi N V, Ganesh Hegde, Gautham Krishnadas, 2013, Sustainable energy alternatives for Uttara Kannada, Sahyadri Conservation Series 26, ENVIS Technical Report 58, ENVIS, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560012

- **Hydrology:** Hydrology provides a fundamental basis for understanding material flows, environmental quality and stream ecosystem in a basin (Nagasaka & Futoshi, 1999). Conservation of high biodiversity forest landscapes is justified on the basis of hydrological benefits – in particular, reduction of flooding hazards for downstream floodplain populations (Calder, 2012). Forest conservation leads to preservation of hydrological flows, mitigation of extreme hydrologic events, retention of soils and sediments, conservation of productivity and biodiversity, as well as maintenance and purification of water supply. However, on a global basis, water is still not getting the recognition it deserves in forest conservation management (Creed et al., 2011). Altered and lower flows in the river are key contributors to the decline in river health and its environs manifested in ways such as increasing algal blooms, a decline in native fish numbers and increases in exotic species, and a decline of wetlands (Sahbaz Khan, 2004). Monthly monitoring of hydrological parameters reveal that streams in the catchments with good forest (evergreen to semi-evergreen and moist deciduous forests) cover have reduced runoff as compared to catchments with poor forest covers. Runoff and thus erosion from plantation forests was higher from that of natural forests. Forested catchment have higher rates of infiltration as soil are more permeable due to enhanced microbial activities with higher amounts of organic matter in the forest floor. Streams with good native forest cover in the catchment showed good amount of dry season flow for all 12 months. While streams in the catchment dominated by agricultural and monoculture plantations (of Eucalyptus sp. and *Acacia auriculiformis*) are seasonal with water availability ranging between 4-6 months. This highlights the impacts of land use changes in tropical forests on dry season flows as the infiltration properties of the forest are critical on the available water partitioned between runoff and recharge (leading to increased dry season flows). This emphasises the need for integrated watershed conservation approaches to ensure the sustained water yield in the streams. The grids where water availability across all the year (perennial flow) is assigned higher values.

Details are available in

Ramachandra T.V., Subash Chandran M.D., Joshi N.V., Vinay S., Bharath H A and Bharath Setturu, 2013, Carrying Capacity of River Basins considering Ecological and Social Demands, Sahyadri Conservation Series 36, ENVIS Technical Report 66, CES, Indian Institute of Science, Bangalore 560012, India

Ramachandra T.V., Subash Chandran M.D., Joshi N.V., Sreekantha, Saira V.K and Vishnu D.M., 2013. Influence of Landscape Dynamics on Hydrological Regime in Central Western Ghats Sahyadri Conservation Series 35, ENVIS Technical Report 65, CES, Indian Institute of Science, Bangalore 560012

• **Social aspects:** In the regional planning, demographic aspect is one of the most significant aspects because planning is basically for and by the citizen. Land degradation results mainly due to population pressure which leads to intense land use without proper management practices. Understanding the key interactions between vegetation cover and dynamic disturbance agents is critical in identifying desired vegetation cover conditions and regional management priorities. Population density per sq. km is considered as one of the influencing social factor for prioritisation and the grids with lower population density are assigned higher weightage. Reliable data on population distribution is essential to many applications across the science and policy domains including assessment of human vulnerability to environment changes and of human pressure on the surrounding environment (Yang et al., 2011). Increase in population density will lead to the increasing exploitation of natural resources and the resulting loss of species and ecosystem richness, nature conservation (Paloniemi and Tikka, 2008). The need for combining nature conservation with social aspect is to emphasise receiving a livelihood from natural resources and participation in enriching biodiversity. The Biological Diversity Act (BDA) of 2002 stipulates the conservation of biological diversity, sustainable use of its components and fair and equitable sharing of the benefits arising out of the use of biological resources, knowledge and for matters connected therewith or incidental threat. Forest Rights Act, 2006., Government of India seeks to recognize and vest the forest rights and occupation in forest land in forest dwelling Scheduled Tribes and other traditional forest dwellers who have been residing in forests for generations but whose rights could not be recorded. A large chunk of population is directly dependent on these resources even today; trading them in conservation will be unfruitful approach. Forest dwelling communities (tribes) of district is mapped at village level and the grids with tribal population is assigned higher weightage.

Details are available in
Ramachandra T V, Subash Chandran M D, Joshi N V, Prakash Mesta, 2013. Adopting Clustering Approaches - Ecology Integrated Sustainable Development of Uttara Kannada, Sahyadri Conservation Series 30, ENVIS Technical Report 60, ENVIS, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560012
Ramachandra T V, Subash Chandran M D, Joshi N V and Balachandran C, 2012, Beekeeping: Sustainable Livelihood Option in Uttara Kannada, Central Western Ghats, ENVIS Technical Report: 49, Sahyadri Conservation Series 19, ENVIS- Environmental Information System, Centre for Ecological Sciences, Indian Institute of Science, Bangalore
Ramachandra T.V., Subash Chandran M.D., Joshi N.V., Mahima Bhat, Prakash N.Mesta, Sreekanth Naik, 2013. Estuarine Fish Diversity and Livelihoods in Uttara Kannada district, Karnataka State, Sahyadri Conservation Series 34, ENVIS Technical Report 64, ENVIS, CES, Indian Institute of Science, Bangalore 560012, India

Ramachandra T.V., Subash Chandran M.D., Joshi N.V., Prakash N. Mesta, Sreekantha, Gayatri Naik, 2013. Agro Biodiversity in Uttara Kannada, Sahyadri Conservation Series 38, ENVIS Technical Report 68, CES, Indian Institute of Science, Bangalore 560012, India

- **Estuarine diversity:** Estuarine ecosystems are biologically most productive, socio-economically important, and aesthetically attractive while providing food and shelter for many vital biotic species some are commercially very important (Zhang et al., 2001). The estuarine productivity is sustained naturally without any inputs from humans, unlike in agricultural ecosystems or fish farming systems. The ecological conditions of the estuaries, particularly of the Indian west coast estuarine banks are densely populated with fishing hamlets and are under alterations by humans. The role of estuary as breeding places and nurseries for several marine fishes of economic value has been totally ignored while executing large river valley projects. This emphasises the need for integrating these ecosystems for sustainable resource management with conservation planning. West coast estuaries of district were assessed based on productivity, biodiversity and human pressure (Prakash et al., 2012). The analysis has identified the mangroves at species level using remote sensing data with field based measurements. Estuarine productivity based on goods and services of the district (Boominathan et al., 2012) bring out the disparity in productivity and diversity between the neighboring estuaries due to major human intervention in the form of construction of hydroelectric projects in upstream. This has caused low salinity conditions in the downstream causing depletion of most estuarine productivity evident in the Kali and Sharavathi estuaries. Estuaries were given weightages based on the productivity and diversity.

Details are available in

Ramachandra T V, Subash Chandran M D, Joshi N V, Rakhi Raj, Prakash N Mesta, sumesh Dudani, 2013. Valuation of Estuarine Ecosystem, Uttara Kannada District, Karnataka, Sahyadri Conservation Series 27, ENVIS Technical Report 45, ENVIS, Centre for Ecological Sciences, Indian Institute of Science, Bangalore 560012

Ramachandra T V, Subash Chandran M D, Joshi N V and Boominathan M, 2012. Edible Bivalves of Central West Coast, Uttara Kannada District, Karnataka, India., ENVIS Technical Report: 48, Sahyadri Conservation Series 17, ENVIS- Environmental Information System, Centre for Ecological Sciences, Indian Institute of Science, Bangalore

Subash Chandran M D, Ramachandra T V, Joshi N V, Prakash Mesta, Bharath Settur and Vishnu Mukri, 2012, Conservation and Management of Mangroves in Uttara Kannada, Central Western Ghats, ENVIS Technical Report: 50, Sahyadri Conservation Series 20, ENVIS- Environmental Information System, Centre for Ecological Sciences, Indian Institute of Science, Bangalore

Ramachandra T.V., Subash Chandran M.D., Joshi N.V., Prakash Mesta, 2013. Marine Fishery in in Uttara Kannada, Sahyadri Conservation Series 39, ENVIS Technical Report 69, CES, Indian Institute of Science, Bangalore 560012, India

5.0 Results and Discussion:

Ecologically sensitive regions in the district are prioritized considering biological (terrestrial and aquatic flora and fauna, estuarine biodiversity), ecological (diversity, endemism, conservation reserve), geo-climatic (altitude, slope, rainfall), renewable energy prospects (bio, solar, wind), social (population, forest dwelling communities) as outlined in Figure 2. The district is divided into 5'x5' equal area grids (168) covering approximately 9x9 km² (Figure 3) for prioritizing ESR. Weightages are assigned to the grids for prioritizing eco-sensitiveness based on the relative significance of themes – biological, ecological, geo-climatic, energy and social. Multiple data sets based on their weightages in each grid helped in prioritizing the grids based on aggregate metric score as ESR 1, ESR 2, ESR 3 and ESR 4 respectively.

Land use dynamics: Land use analysis reveal a distressing trend of deforestation in the district (Table 3), evident from the reduction of evergreen-semi evergreen forest cover from 67.73% (1973) to 32.08% (2013). Taluk-wise analysis reveal similar trend for evergreen - semi evergreen forest cover during 1973 to 2013; Ankola (75.66 to 55.33%), Bhatkal (61.37 to 30.38%), Honnavar (70.63 to 35.71%), Karwar (72.26 to 59.70%), Kumta (62.89 to 29.38%), Siddapur (71.42 to 23.68), Sirsi (64.89 to 16.78), Supa (93.56 to 58.55%), Yellapur (75.28 to 18.98%), Haliyal (35.45 to 2.59%), Mundgod (20.63 to 1.52). Forest cover has declined from 81.75 (1973) to 60.98% (2013) in the coastal zone, 91.45 (1973) to 59.14% (2013) in the Sahyadrian interior, and 69.26 (1973) to 16.76% (2013) in plains zone.

Figure 5.1 highlights gridwise extent of forest cover. Good forest cover (> 80%) is confined to the grids in Sahyadri region (Supa, Yellapura, Ankola, Sirsi taluks). The coastal taluks are having forest cover in the range 60 - 80% towards eastern part whereas western side totally degraded due to higher pressure. The plains shows least over (< 20%) revealing the degradation level. The natural forest cover left today is 542,475 Ha only. The land clearing and subsequent agricultural expansion, exotic plantations resulted in damage of large patches of forests. The major developmental projects further disturbed the landscape and reduced the distribution of forest cover. Weightages were assigned to the grids based on the extent of forest cover (as discussed in Table

1). Figure 5.2 illustrates grids with ranks / weightages based on the extent of forest cover. Grids in Sahyadri region has highest ranking (of 10) compared to some grids in plains (with rank 1).

Table 3: Land use and fragmentation of forests in Uttara Kannada

Category	Land use analysis (2013)		Fragment type	Spatial extent (2013)	
	Ha	%		Ha	%
Built-up	31589	3.07	Transitional	59435	5.78
Water	28113	2.73	Perforated	8909	0.87
Crop land	145395	14.13			
Open fields	37660	3.66	Patch	30618	2.98
Moist deciduous forest	161,996	15.74			
Evergreen to semi evergreen forest	330,204	32.08	Edge	179870	17.48
Scrub/grass	40402	3.93			
Acacia/ Eucalyptus/ hardwood plantations	122927	11.94	Interior	263643	25.62
Teak/ Bamboo/ softwood plantations	67111	6.52			
Coconut/ Arecanut / Cashew nut plantations	53,993	5.25	Non-forest area	486611	47.3
Dry deciduous forest	9873	0.96			
Total	1029086				

Forest fragmentation: Table 3 lists land use and fragmentation status (category wise) of forests in the district. Fragmentation analysis considering the spatial extent of forests, reveal that contiguous forests (interior forests) has declined from 87.51 (1973) to 48.60% (2013). Forest fragmentation at landscape level show a decline of interior forest 72.95% (1973) to 25.62% (2013). Land use under non-forest categories (crop land, plantations, built-up, etc.) covers 47.29% of the landscape, while areas under natural forests constitute about 542,475 Ha. Mitigation of biodiversity loss in the district requires regeneration of forests through appropriate protection measures and also reforestation with native species of vegetation. Figure 6.1 depicts the extent of interior forest in each grid, while Figure 6.2 gives the relative wightages based on the extent of interior forests across grids in coast, Sahyadri and plains.

Mismanagement of Kans (sacred forests) and land use changes in reserve forests have contributed to the decline in interior forest. Increased edges and perforated patches highlight the loss of connectivity and contiguous forest patches. Stream diversion and impoverishing forests of water other reasons for the decline moisture loving species. Commissioning of series of dams, has impelled large scale land conversions to agriculture (with the availability of water). Grids in Supa taluk has higher proportion of interior forests. Forest encroachments, land conversion due to developmental projects are the drivers of forest loss.

Ecology: Flora and fauna of terrestrial and aquatic ecosystems have been studied to understand the ecological processes. This involved assessment of vegetation diversity, endemic flora, fauna, biomass of forests, status of conservation reserves through field investigation and compilation of information from published literatures. Annexure I and II lists flora and fauna with distribution. Forests of all major kinds were studied using transect cum quadrat methods (altogether 116 transects, each transect with five quadrats of 400 sq.m each for tree vegetation, 10 sub-quadrats each of 25 sq.m for shrubs and tree saplings and 20 subquadrats of one sq.m for herb layer diversity. Out of 116 transects 8 were studied using point-centre quarter method). Altogether for tree vegetation 540 quadrats, each of 400 sq.m were studied. Necessary permission was, however, not granted for forest studies within the Dandeli-Anshi Tiger Reserve area, so no transect is covered; only limited literature available is considered for analysis of this region. The details of endemism, endemic, non-endemic species of flora is demarcated and analysed. Data analysis is done by using latitude, longitude of various places, where species found and plotted on map of Uttara Kannada district to understand their distribution pattern, habitat. The species were plotted in two ways, according to taxonomic classification of each species with IUCN (International Union for Conservation of Nature) status of each species; according to endemic and non-endemic with IUCN status of each species.

Flora: Data interpretation was done by analysing diversity and distribution of flora and fauna in various taluks and villages. Regions rich in biodiversity with high distribution of most of the taxa's of flora and fauna need to be prioritised for their ecological sensitive ness and conserved. Field investigation and compilation of information from literatures has helped in documenting 1068 species of flowering plants, representing 138 families. Among these 278 were trees species (from

59 families), 285 shrubs species (73 families) and 505 herb species (55 families). Moraceae, the family of figs (*Ficus* spp.), keystone resources for animals, had maximum tree sp (18), followed by Euphorbiaceae (16 sp.), Leguminosae (15 sp.), Lauraceae (14 sp.), Anacardiaceae (13 sp.) and Rubiaceae (13 sp.). Shrub species richness was pronounced in Leguminosae (32 sp.), Rubiaceae (24 sp.) and Euphorbiaceae (24 sp.). Among herbs grasses (Poaceae) were most specious (77 sp.); followed by sedges (Cyperaceae) with 67 sp. Orchids (Orchidaceae) were in good number. The high endemic species like *Gymnacranthera canarica*, *Myristica fatua*, *Dipterocarpus indicus*, *Hopea Ponga*, *Vateria indica*, *Syzygium travancoricum*, *Semecarpus kathalekanensis* etc. are well distributed in the district. Numerous relic trees, especially of genus *Ficus*, or several others like *Mimusops elengi*, *Mesua ferrea*, *Mangifera indica*, *Mammea suriga*, *Aegle marmelos* etc. are present dotting the landscapes of villages and towns signifying sacred locations of cultural value. Figure 7.1 depicts the distribution of flora and endemism. Honnavar, Kumta, Sirsi and Siddapur taluks have higher endemism (> 80%) and least can be seen in Mundgod due to least natural forest cover. Figure 7.2 depicts prioritised grids (weights based on the occurrence of endemic flora species), illustrating Honnavar (Eastern grids), Kumta (eastern grids, towards Sirsi), Bhatkal (Hudil region), Siddapur are representing greater weights and Mundgod and Haliyal (eastern grids) shows least endemism.

Fauna: Figure 8.1 maps fauna in Uttara Kannada district with their ecological status. Main predators are tiger (*Panthera tigris*), leopard, wild dog (dhole) and sloth bear. Leopards are in good number and wild dogs are in very less number, usually sighted in Kulgi and Phansoli ranges of Dandeli. Sloth bears are frequently sighted in Ambikanagar, Virnoli, Bhagavati, Yellapura areas. Prey animals are barking deer, spotted deer (*Axis axis*), wild boar, sambar (*Cervus unicolor*), gaur (*Bos gaurus*). The district has an important elephant corridor between Karnataka and Maharashtra for about 47 elephants which are frequently sighted near Sambrani, Bommanahalli dam backwaters. One can also find Malabar Giant Squirrel, Slender Loris etc. The district is a paradise for birds, 272 birds are listed in the Dandeli, out of which 19 are considered to be endemic (Daniels, 2008). Mundgod Attivery bird sanctuary is hosting endemic birds as well as important visitors from other countries as a roosting place. Some of the important birds are Malabar Trogon, Malabar Pied Hornbill, Malabar Grey Hornbill, Indian Grey Hornbill, Great Indian Hornbill, Emerald Dove, Ceylon Frog mouth, Pompadour Pigeon etc. Kali river accommodates about 200+ marsh

crocodiles and good number of these can be sighted near Dandelappa temple in Dandeli town. Another rare reptile found is Draco (Flying Lizard) which are often sighted near Mandurli IB, Anshi Nature Camp, Sathkhand falls. There are wide variety of snakes i.e., King Cobra, Cobra, Malabar Pit Viper, Hump nosed pit Viper, Bamboo Pit Viper, Kraft, Ornate flying snake, wolf snake etc. There is also wide variety of butterflies - Crimson Rose, Common Rose, Leaf, Clipper, Tigers, Southern Bird wing, Cruiser etc. The Uttara Kannada district has a rich endemic fish distribution such as *Batasio sharavatiensis*, *Ehirava fluviatilis*, *Gonoproktopterus kolus*, *Tetradon travancoricus*, *Puntius sahyadriensis*, *Puntius filamentosus*, *Salmostoma novacula* etc. The distribution of fresh water fishes is highly correlated to terrestrial landscape elements, of which quantity and quality of evergreen forests are more important. While the focus is conserving each of these iconic species, the end result of protecting the entire ecosystem will lead to conservation of a number of other endemic and endangered species including the river ecosystem. Higher weightages (10) are assigned (figure 8.2) to grids with endemic species and least (3) were assigned for grids with non-endemic fauna.

Biomass is considered as another variable used for prioritising grids. Recent biomass estimates (Ramachandra et al., 2013) is considered as base to map regions of higher standing biomass. The standing biomass helps to estimate the productivity of an area and also gives information on the carrying capacity of forest land (Ramachandra and Kamakshi, 2005). The analysis has calculated total standing biomass of forest's vegetation (Brown, 1997; Ramachandra et al., 2000) based on field data and remote sensing data. Transacts wise basal area per hectare were estimated using allometric equations. The basal area is also computed using regression equations and compared with field transact wise estimations. This approach has revealed the strong relationship between predicted basal area and estimated values using regression. Grid wise biomass is estimated based on the spatial extent of forest and per hectare basal area and is depicted in figure 9.1. The total biomass of the district is **113823.58** Gg. The Supa, Sirsi, Yellapura regions are having greater biomass (>1200 Gg) in Sahyadri region. Similarly, Karwar, Ankola, Kumta, Honnavar taluks are having greater biomass in coast. The plains and part of coastal regions have least biomass (< 200 Gg) in the district. The plains taluks constitute more agriculture lands, built-up environments and having least deciduous forest cover. Lowest biomass values were seen in savanna and disturbed moist deciduous forests (Eg. hill top savannas of Ankola, Siddapur & stretches of forests in Supa

which were under extensive shifting cultivation until end of the 19th century). Hill slopes and sacred groves had higher basal area and biomass with diverse species. Lowest biomass was also seen in deciduous to dry deciduous forests of Haliyal, Mundgod taluks.

Table 4: Taluk wise biomass and carbon stored in forest vegetation

Taluks	Forest coverage type	Total standing biomass (Gg)	Total carbon stored (Gg)
Ankola	Semi evergreen to moist deciduous; evergreen forest (at central)	12856.41	6428.20
Bhatkal	evergreen to semi-ever green forest; moist deciduous towards coastline	2859.65	1429.82
Honnavar	Dominated by evergreen to semi-evergreen cover; moist deciduous found toward coastal line and disturbed regions	7592.32	3796.16
Karwar	Laterite thorn to moist deciduous and laterite evergreen to semi-evergreen	9135.00	4567.50
Kumta	Dominated by moist deciduous, semi-evergreen and evergreen towards west to east	6449.66	3224.84
Siddapur	Evergreen to semi evergreen and moist deciduous type towards east	7413.87	3706.93
Sirsi	Evergreen to semi evergreen and moist deciduous type towards east	15466.63	7733.32
Supa	Evergreen to semi evergreen, moist deciduous and disturbed moist deciduous (towards north and east)	35421.49	17710.72
Yellapura	Dominated by moist deciduous at central; evergreen cover to semi-evergreen towards Arabail Ghat	13158.49	6579.25
Haliyal	Dominated by dry deciduous; moist deciduous; evergreen cover found in Kali river valley	2701.31	1350.66
Mundgod	Dry deciduous and scrub type	768.76	384.38
Total		113823.58	56911.79

Net Carbon uptake by the forests of Uttara Kannada was estimated and given talukwise in Table 4. The net carbon value is estimated as half of the biomass. Grids with higher standing biomass

regions were assigned higher weightages (Figure 9.2), as these regions help in maintaining global carbon through sequestration.

Tree diversity: Tree diversity is computed through Shannon diversity index. Figure 10.1 shows that most evergreen to semi evergreen forests with diversity values ranging between 3 and 4. The evergreen tracts of Supa, Sirsi, Kumta and Siddapur are with diversity greater than 3. The moist deciduous forests in the rugged terrain of Ankola-Yellapur areas had relatively higher diversity, compared to such forests in plainer areas. This is due to greater heterogeneity of the hilly landscapes. Lower Shannon diversity was in dry deciduous and highly disturbed forests of Mundgod, Haliyal, Yellapura (eastern grids) such as Gunjavathi (1.51), Sambrani (1.61), Katur (1.70), etc. These forests were not only disturbed but were extensively used for teak mono culture plantations. These forests had also prolific growth of weeds such as Eupatorium sp. and several thorny shrubs. Figure 10.2 gives the prioritised grids with higher diversity in Sirsi, Siddapur, Honnavar taluks based on tree diversity.

National Parks, Sanctuaries, and Conservation Reserves: Karnataka has five National Parks and 21 Wildlife Sanctuaries. Uttara Kannada district has two important protected areas namely **Anshi National Park** and **Dandeli Wildlife Sanctuary** (figure 11 .1). These two PAs are brought under **Dandeli-Anshi Tiger Reserve** for tiger conservation. The DATR presently covers an area of 1365 sq.km in the taluks of Joida, Haliyal and Karwar. Four species of hornbills - Common Grey Hornbill (*Tockus birostris*), Malabar Grey Hornbill (*Tockus griseus*), Malabar Pied Hornbill (*Anthracereros coronatus*) and Great Pied Hornbill (*Buceros bicornis*) are sighted in the District. Among the four species in the State, the Great Pied Hornbill and the Malabar Pied Hornbill are protected under the Wildlife Act. The Malabar Pied, endemic to the Western Ghats, has also been declared near-threatened by the Birdlife International - a body that lists the endangered and red-listed birds across the world. Declared as a reserve on May 31, 2011 under Section 36(A) of the Wildlife Protection Act 1972, the boundary of the reserve spreads across the two taluks of Joida and Haliyal of the district. Recently (in 2011), **Attivery Bird Sanctuary** was declared in Mundgod taluk covering 2.23 sq.km area, mainly composed of a reservoir and its peripheral areas. Figure 11.1 shows conservation reserves and protected areas of district.

Aghnashini Lion Tailed Macaque (LTM) conservation reserve is between Sharavati and Aghnashini rivers harbouring high endemic fauna, flora. Bedthi conservation reserve is rich in biodiversity and has rare endemic palm species (*Corypha umbraculifera*). Aghnashini and Bedthi have been identified as reserves for the presence of the Lion Tail Macaque and Myristica swamps. The water accumulated in the valleys here provides a unique breeding site for butterflies and amphibians. Higher weightage are assigned to locations of these protected area (figure 11.2) as they are key eco-sensitive regions with diverse biodiversity.

Geo-climatic information of region is analysed to identify sensitive zones by considering altitude, slope and rainfall. Geo-climate determines the speed of recovery (lag-time) of a landscape (and the ecosystem that governs it). The longer the lag-time, landscape would be more ecologically sensitive. Higher altitude, easterly aspect, steepness and longer dry seasons make a landscape more sensitive. The altitude map is generated using GRASS (*Geographical Resources Analysis Support System*- <http://wgbis.ces.iisc.ernet.in/grass/index.html>) - free and open source tool to identify the variation of elevations in the region. Figure 12 .1 depicts the altitude profile of the district, highest elevation is 758 mt in Supa taluk. Grids are assigned weights (figure 12 .2) as > 600 mt as higher priority for conservation and > 400 mt is moderate and rest is least concern.

Slope: Figure 13 .1 depicts the slope in the region while Figure 13.2 depicts the grids with weights assigned based on the sensitiveness of the slope.

Rainfall: rainfall pattern of the district depicted in figure 14 .1, show most part falls in the high rainfall zone, except Mundgod and eastern parts of Haliyal, Sirsi, Yellapura. The tallest emergent endemic species are well distributed in higher rainfall region. The diversity, endemism and rainfall are interrelated each other. Grids are assigned weights based on the quantum and duration of rainfall, given in figure 14.2. Western part of Sahyadri region, eastern part of coastal taluks receives annual rainfall greater than 4000 mm.

High rainfall areas have high biodiversity values and higher conservation values. High rainfall areas of Sahyadri and coastal taluks are major seats of endemic biodiversity of both plants and animals.

Hydrology of the region is analysed by the data as stated in method section. Monthly monitoring of hydrological parameters reveal that stream in the catchments with good forest (evergreen to semi-evergreen and moist deciduous forests) cover have reduced runoff as compared to catchments with poor forest covers. Runoff and thus erosion from plantation forests was higher from that of natural forests. Forested catchment have higher rates of infiltration as soil are more permeable due to enhanced microbial activities with higher amounts of organic matter in the forest floor. Streams with good native forest cover in the catchment showed good amount of dry season flow for all 12 months. While streams in the catchment dominated by agricultural and monoculture plantations (of *Eucalyptus* sp. and *Acacia auriculiformis*) are seasonal with water availability ranging between 4-6 months. This highlights the impacts of land use changes in tropical forests on dry season flows as the infiltration properties of the forest are critical on the available water partitioned between runoff and recharge (leading to increased dry season flows). The sub basin wise analysis was carried out to account perennial, seasonal flows of region. Perennial flows of a region depict health of the ecosystem. Figure 15.1 depicts the duration of stream flow in each grid of the district. Grids in Sahyadri regions shows 12 months water availability in the streams and were assigned higher weightages (figure 15 .2). Haliyal, Mundgod, eastern part of Yellapura showing stream flow as only 4 months due to scarce rain fall and less vegetation.

Prospects of Renewable Energy: Environmentally sound alternative sources of energy explored considered for prioritisation are Solar, Wind, Bio energy. Figure 16.1, 17.1 and 18.1 depicts the potential of solar, wind and bioenergy. Uttara Kannada is located in the west coast of Karnataka, India, receives an average solar insolation of 5.42 kWh/m²/day annually and has more than 300 clear sunny days. This solar potential can be utilized to meet the domestic and irrigation electricity demand. Domestic demand of the household in rural region is about 50 to 100 kWh per month and that in urban region is less than 150 kWh/month in Uttara Kannada. The solar potential assessment reveals that, domestic demand can be supplied by installing rooftop SPV modules, and less the 5% of the rooftop is required in majority of the houses. Irrigation demand can be met by installing PV modules in wasteland where less than 3% of available wasteland area is sufficient. Bio resource availability is computed based on the compilation of data on the area and productivity of agriculture and horticulture crops, forests and plantations. Sector-wise energy demand is computed based on primary household survey of 2500 households, the National Sample Survey Organisation

(NSSO study) data, and the information compiled from literatures. Bio resource status is computed for all the agro climatic zones using the data of bio resource availability and demand. The ratio of bio resource availability to demand gives the bio resource status. The ratio greater than one indicates bio resource surplus zones, while a ratio less than one indicates scarcity. The supply/demand ratio in the district ranges from less than 0.5 to more the 2. If the ratio is less than 1 (demand >supply) then that place is fuel wood deficit place and where the ratio is more than 1 (supply >demand) then that place is referred as fuel wood surplus region. In Uttara Kannada, most of the Taluks with ever green forest cover (Sirsi, Siddapur, Yellapur, Supa and eastern hilly areas of Kumta, Honnavar and Ankola) are fuel wood surplus regions where the supply/demand ratio is currently > 2 (compared to 8-9 in early 1990's). Wind resource assessment shows Wind speed varies from 1.9 m/s (6.84 km/hr.) to 3.93 m/s (14.15 km/hr.) throughout the year with minimum in October and maximum in June and July. District experiences annual average wind of 2.5 m/s to 3.0 m/s in all taluks indicating the prospects for WECS installation. Hybridizing wind energy systems with other locally available resources (solar, bioenergy) would assure the reliable energy supply to meet the energy demand at decentralized levels. Grids were assigned weights based on the availability of solar, wind, bio-energy and are given in figures 16.2, 17.2 and 18.2 respectively. This highlights the scope for ecologically sound energy technologies in the district.

Social aspects: Forest rights act, 2006. Government of India recognises and vest the forest rights and occupation in forest land in forest dwelling Scheduled Tribes and other traditional forest dwellers who have been residing in such forests for generations. Considering this, forest dwelling communities were spatially mapped (Figure 19.1) and grids with forest dwelling tribal communities were assigned highest weights (Figure 19.2). These people are directly and indirectly dependent on forest resources and have been protecting forests. The imbalance in forest sector will affect these people's livelihood, so they have considered as prime indicators of social aspects of forestry. The forest dwelling communities of Uttara Kannada are *Kunbis*, *Siddis*, *Goulis*, *Gondas*. Village wise distribution of each community is given in Annexure III. Kunabis are said to be the most backward tribals of Uttara Kannada District. They have migrated from Goa and entered Karnataka State through the Coastal region. They are settled down and thickly populated in and around Joida and Yellapur taluks. They live in the bamboo huts built in a row sharing common walls in remote parts of forest. Siddis are ethnic group decedents of African Negros, who were

brought to India mainly by Arabs, the Portuguese and the Dutch. They are predominantly found in the forest areas of Ankola, Mundgod, Haliyal and Yallapur taluks. The Siddi community in district represents 31,000 people of which Haliyal taluk hosts 7,000 and rest of them present Yellapura, Supa, Sirsi. They live in small clusters constituting settlement of a villages or an independent settlement. Their occupation is agriculture, they are also engaged in harvesting honey and some of them are forest laborers. They are socially and politically backward and most of them depend on casual labor, trading forest products for their livelihood. Goulis are nomadic tribes migrated from Maharashtra. They are mainly cow and goat harvesters. They stay on the fringes of forest. Some have taken up agriculture. Gonds are mainly confined to the forests of Bhatkal taluk. They depend on forest products and have rich folk culture of tribal dance. The majority of the groups were farmers, laborers and petty workers. The Gonda tribes are closely connected to nature and live a sustainable life that includes agriculture, fishing, weaving (baskets and mats) and boating. But many are migrating towards town of Bhatkal for more economic opportunities. Grids with the presence of tribes were assigned higher weightages (figure 19 .2).

Population density is considered as another proxy of ESR mapping. Villagewise population density is computed considering 2011 population census data (<http://censusindia.gov.in>). Grid wise population is computed by aggregating villages in the respective grid. Population density is computed for each grid and is given in figure 20.1. Grids were assigned weightages based on population density (figure 20 .2) – lowest population density (< 50 persons) is assigned highest weight.

Estuarine diversity: Estuarine ecosystems are a tiny ribbon of land, but the emissions from their destruction are nearly one-fifth of those attributed to deforestation worldwide (Pendelton et al., 2012). Degradation and destruction of the world's sea grasses, estuaries (tidal marshes), and mangroves may generate up to a billion tons in carbon dioxide emissions annually. The Uttara Kannada District has four major estuaries viz. Kali, Gangavali, Aghanashini, and Sharavathi (Figure 21 .1). The major mangrove species present are *Rhizophora mucronata*, *Sonneratia alba*, *Avicennia marina*, *Avicennia officinalis*, *Kandelia candel*, *Rhizophora apiculata*, *Sonneratia caseolaris*, *Bruguiera gymnorrhiza*. The Kali estuary is located in the northern most part of the district, the Bedthi or Gangavali about 32 km south from Kali river-mouth, the Aghanashini or

Tadri estuary, about 10 km south of Gangavali, and the Sharavathi estuary is about 24 km south of the Aghanashini estuarine mouth. The mangrove vegetation in Uttara Kannada district is found associated with the estuaries and creeks. Before the agricultural interventions by the humans these areas were pristine, intact patches of mangroves. However, after introduction of agriculture, good portions of shallow estuarine areas were reclaimed by preparing earthen embankments for rising of salt tolerant rice varieties like 'Kagga'. Devoid of mangroves, such estuarine areas (also known as 'gaznis') are cultivated with Kagga rice varieties, especially during the rainy season when the fields get flooded and salinity levels decline substantially. The farmers also plant rows of mangrove trees just outside these bunds to fortify them from collapse. This traditional system of estuarine cultivation with mangrove planting was a sustainable system.

Kali Estuary has four major dams with hydro power stations viz. Supa, Nagjhari power house, Kodashalli, and Kadra. **Gangavali Estuary** has no dam or hydel power station. It joins the Arabian Sea at Gangavali near Ankola. The estuarine part starts near the village Gundbala (about 15 km interior) and the area of the estuary is 640 ha (Rao et al., 1989). **Aghanashini** or Tadri river meets the tide at Uppinapattana and it winds south-west and then north-west together about 13 km to Mirjan. From Mirjan it runs parallel to the coast for about 13 km and meets the Arabian Sea at Aghanashini. This river has no dam or hydroelectric power station in it. **Sharavathi** join the Arabian Sea near Honavar. Traditionally the estuarine portion extended from the river mouth to the village of Gersoppa, about 27 km interior, towards the base of the Western Ghats. The total area of the estuarine portion was stated to be 1600 ha (Prakash et al., 2012). This river has two major dams with hydro power stations, first one built at Linganamakki in Shimoga district and the second dam at Gersoppa. These dams have caused substantial changes in the estuarine characteristics, primarily by reducing its salinity. Venkatapura is another small estuary present in the district with moderate diversity. The diversity wise analysis shows Agnashini, Ganagavali has higher fish diversity and mangrove species as compared to other due to absence of major anthropogenic activities (dam or hydro projects). The Sharavathi, Kali are severely disturbed due to continuous flow of fresh water, which led to reduction of salinity. This has affected mangroves, fish yield and other substances. The provisioning services provided by these estuaries ranges from 55707 (Venkatapura) to 2,19,545 Rs (Gangavali) for smaller estuaries, 2,40,395 Rs/hectare/year (Kali), to 286964 Rs (Sharavathi) for estuaries of rivers with dams and 11,35,847 Rs/hectare/year

(Aghanashini) for an estuary without any human interventions. Coastal grids were assigned weightages based on the estuarine diversity and productivity (Figure 21.2).

5.1 Ecologically Sensitive Regions:

Figures 5.2 to 21.2 gives the relative weight of metric corresponding to biological, ecological, geo-climatic, renewable energy and social variables. Aggregation of these spatial layers, based on the composite metric score, grids were delineated as ecologically sensitive regions (ESR) and graded as ESR 1, ESR 2, ESR 3 and ESR 4 respectively. Figure 22 illustrates the distribution of grids among ESR 1 to ESR 4.

88 grids represent high ecological sensitiveness with ESR 1 status This is followed by ESR 2 with 24 grids, ESR 3 with 22 grids and the ESR 4 with 34 grids. Spatially 52.38% of the district represents ESR 1, 14.29% of area represents ESR 2, 13.1 % of area represents ESR 3 and about 20.23 % of the district is in ESR 4. Figure 23 depicts ESR with taluk boundaries. It shows Supa, Yellapura, Ankola, Sirsi, Siddapura, Honnavar, Kumta taluks in ESR 1. Figure 24 depicts gram panchayat (gram sabhas) wise ecologically sensitive regions (ESR). Uttara Kannada district has 209 panchayats and among these, 102 panchayats are in ESR 1, 37 panchayats in ESR 2, 33 panchayats in ESR 3 and 37 panchayats in ESR 4. Table 5 lists ESR wise villages and the same is depicted in figure 25. Sahyadri and eastern part of coastal regions represents highest ecological sensitiveness. Figure 26 (i to xi) represent taluk wise villages with ESR status.

Table 6 lists permitted, regulated and prohibited activities across ecologically sensitive regions. ESR 1 represents ecologically highly sensitive requiring strict conservation measures with sustainable management involving VFCs (Village forest committees). ESR 2 is as good as ESR 1, except degradation of forest patches in some localities. ESR 3 represents moderate conservation region and only regulated development is allowed in these areas. ESR 4 represents less sensitiveness.

Table 5: Panchayat and villages wise eco-sensitive regions in Uttara Kannada district, Karnataka

Panchayat and village wise eco-sensitive region (ESR) details					
ECOLOGICALLY SENSITIVE REGION - 1					
S N O	TALUK	SNO (PANCH AYATS)	PANCHAYAT	NO OF VILLAGE S	VILLAGE NAMES
1	ANKOLA	1	ACHAVE	4	Bogribail, Kuntgani, Manigadde, Achave
		2	AGSUR	9	Navagadde, Adlur, Kanchimale, Marugadde, Heggur Makkigadde, Agsur, Kodsani, Vasar Kudrige, Shirgunji
		3	DONGRI	6	Dongri, Shevakar, Heggur (Ankola), Kalleshwar, Halvalli, Kammani
		4	HATTIKERI	11	Sakalbena, Hattikeri, Berde, Nellurkanchinbail, Heggarnikotebavi, Gule, Lakkeguli, Kendige, Shikliturli, Mallani, Sheveguli
		5	HILLUR	2	Gundabala, Hillur
		6	MOGTA	8	Mogta, Andle, Karebail, Takatgeri, Kenkanishivapur, Moralli, Kabgal, Brahmur
		7	SUNKSAL	5	Kavalalli, Kattinhakkal, Sunksal, Hebbul, Kodlagadde
2	BHATKAL	8	BAILUR	1	Bailur
		9	BENGRE	1	Bengre
		10	HADVALLI	20	Hudil, Badabag, Agga, Henjale, Hasarvalli, Hallyani, Bastigalmigte (Koppa), Murkodi, Bilurmane, Kuntavan, Hadavalli, Voni Bagil, Devastan Megthe, Kurandur, Kulawadi, Aravakki, Kerehittal, Hallari, Hejjil, Kekkod
		11	HEBLE	1	Heble
		12	KAIKINI	1	Kaikini
		13	KOPPA	1	Koppa (Bhatkal)
		14	JOLI	1	Venkatapura
		15	KONAR	6	Joli, Hadeel, Hadlur, Konar, Bese, Mugali
		16	MARUKERI	4	Kitre, Antravalli (Bhatkal), Marukeri, Kotkhanda,
		17	MAVALLI	1	Mavalli
		18	MUTTALLI	5	Behalli, Mudbhatkal, Muttalli, Talan, Belalkhanda
19	SHIRALI	1	Shirali		
3	HONNAVAR	20	KHARWA	5	Mandalakurve, Kharwa Koodla, Kudrige, Shirkur
		21	BALKUR	6	Balkur, Heggur (Honavara), Kelgin-Mannige, Talgod, Gudemakki, Melin-Mannige
		22	CHANDAVAR	4	Mallapur (Honavara), Chandavar, Kadnir, Hodke Shiroor
		23	CHIKKANKOD	6	Gundabala (Honavara), Hirebail, Hosgod, Janna Kadkal, Chikkankod, Heravali
		24	HADINBAL	5	Berolli, Nagre, Nirwattikodla, Hadinbal, Mutta

		25	HERANGADI	5	Tumbolli, Melinamudkani, Kelgina-Mudkani, Adkar, Herangadi
		26	HOSAKULI	1	Hosakuli
		27	JALAWALLI	5	Kulakod, Padukuli, Jalwal Karki, Kervalli, Jalwalli
		28	KADLE	3	Kadle, Vandoor, Nilkod (Honavara)
		29	KADTOKA	2	Kekkar, Kadtoka
		30	KELGINOOR	3	Apsarkonda, Kelginoor, Gunavante
		31	KODANI	7	Hinnur, Anilgod, Beranki, Kodani, Birangod, Magod (Honavara), Balemet
		32	MANKI	12	Manki, Dabbod, Adukai, Hadikal, Sampolli, Kota, Tumbebeela, Sulebil, Herali, Kuchodi, Adekekuli, Ashikeri
		33	MAVINKURVA	2	Mavinkurva, Hosad (Honavara)
		34	MELIN-IDGUNJI	4	Malkod, Kelgin-Idgunji, Melin-Idgunji, Molkod
		35	MUGWA	2	Mugwa, Arolli-Mundagod
		36	NAGARBASTIKERI	7	Hanehalli, kabbinahakkal, Hulegar, Khandodi, Nagarabastikeri, Begodi, Hadgeri,
		37	SALKOD	1	Salkod
		38	UPPONI	3	Upponi, Mahime, Saralagi
4	KARWAR	39	DEVALMAKKI	7	Naitisavar, Bargal, Belur, Devalmakki, Shirve, Nivli, Nagekove
		40	GHADASAI	5	Reservoir, Halgejoog, Bolshitta, Ghadasai, Ulga
		41	GOTEGALI	6	Bhaire, Goyar, Kamargaon, Lande, Gotegali, Wailwada
		42	HANKON	5	Hotegali, Maigini, Hankon, Gopashitta, Hankonjoog
		43	KADRA	2	Kadra, Balemane
		44	KERWADI	3	Kadiye, Katar, Kerwadi
		45	MALLAPUR	9	Angadi, Mudgeri, Hosali, Mallapur, Virje, Kuchegar, Hartuga, Devakar, Kaiga
		46	WAILWADA	1	Siddar
5	KUMTA	47	ALKOD	15	Toppalgutta, Alkod, Yedatara, Bellangi, Sandolli-Muttolli, Yana, Kodambale, Harita, Aneguni, Santur, Bhandival, Uppinpattana, Shirgunji (Kumta), Hebbail, Malwalli
		48	BARGI	6	Kelaginstala, Betkuli, Kurigadde, Bargi, Bargigazani, Paduvani
		49	GOKARN	2	Gokarn, Naranapur
		50	KAGAL	5	Aghanashini, Kagal, Hubbangeri, Baad, Gudeangadi
		51	KODKANI	8	Savalkurve, Keppekurve, Masurkurve, Pattubele, Tannirhonda, Aigalkurve, Chatrakurve, Kodkani (Kumta)
		52	MIRJAN	8	Mugvekanvadi, Nagur, Kadkod, Yelavalli, Yeshwantimule, Yattinabail, Mirjan, Nilkod
		53	MUROOR	7	Alvalli, Madki Bail, Mur00R, Karkimakki, Kallabbe, Hosad, Kandavalli

		54	NADUMASKE RI	3	Nadumaskeri, Harumaskeri, Bhavikodla
		55	SANTEGULI	23	Kavalodi, Kanakale, Holavalli, Kalve (Kumta), Chimmolli, Bangane, Mudgi, Basolli, Santeguli, Hegde-Hosalli, Bastikeri, Divalli, Santagal, Haravalli, Abbolli, Hindbail, Honagere, Ullurmath, Algar, Mudnalli, Soppinahosalli, Morse, Medini
		56	HIREGUTTI	16	Bankikodla, Hanehalli, Hoskeri, Kadime, Gonehalli, Bidrageri, Nagarbail, Toregazani, Torke, Hittalmakki, Yennemadi, Hiregutti, Midlagazani, Morba, Kolimanjaguni
		57	MADANGERI	1	Madangeri
6	SIDDAPUR	58	ANALEBAIL	13	Sarkuli, Kelgin Sarkuli, Umbalmane, Bidarmane, Murur, Balekoppa (Kibballi), Ainbail, Hegnur, Kibballi, Analebail, Keregadde, Halegouri, Attimurd
		59	BILGI	6	Kattekai, Golikai, Bilgi, Hosamanju, Kuravante, Kuppar
		60	DODMANE	14	Gijagini, Bilegod, Nirgod, Kodigadde, Kaunsale, Dodmane, Uppingadde, Kallole, Kadavadi, Naigar (Siddapur), Kalkai (Siddapur), Kibale, Halegubbi, Kudogod
		61	HALGERI	17	Malemane, Hejani, Chandraghatgi, Hemagar, Kodkani, Kulibid, Mensi (Siddapur), Halgeri, Nagarbhavi, Padavanbail, Mattigar (Siddapur), Husur, Kilar, Uppadaki, Hematemane, Heggadde, Algod
		62	HASARGOD	10	Hasargod, Balesar, Shamemane, Karjagi, Bannige, Yelugar, Kodsar-Halkani, Halkani, Malubalgar, Hirekai (Kodsar Halkani)
		63	HEGGARANI	8	Hullunde, Taresar, Heggarrani, Hegge, Unchalli (Siddapur), Hostot, Harigar, Haldot
		64	ITAGI	4	Sashiguli, Taragod, Itagi, Gunjagod
		65	KYADGI	8	Begar, Gubbagod, Illimane, Mavinkod, Kyadgi, Lakkabbekeri, Balgod, Suttalmane
		66	NILKUND	13	Hallibail, Kanchikai, Mulgunda, Nilkund, Hukli (Nilkund), Shivalmane, Hutgar (Nilkund), Tandagundi, Handiyane Math, Nandyane, Nirgan, Manigar, Halehalla
		67	SOVINKOPPA	8	Honnekomb, Havinbil, Sovinkoppa, Ojagar, Hadrimane, Chapparmane, Nirgar, Tarakhanda
		68	WAJGOD	10	Talekeri, Danmav, Wajgod, Huvinmane, Keremane, Hukali (Wajgod), Kudagund, Alavalli, Kelginmane, Sangolimane
		69	MALAVAJAD DI	9	Malvajaddi, Koralkai, Musavalli, Malavalli, Heggekoppa, Kallur, Hasavante, Malalavalli
		70	MANMANE	1	Manmane
		7	SIRSI	71	BANDAL

		72	DEVNALLI	8	Mundganmane, Kelginkeri, Sarguppa, Devanmane, Benagaon, Kallalli, Devanalli, Kalugar
		73	JANMANE	7	Hostota, Hanagar, Kukri, Adalli, Kondalgi, Nerlavalli, Janmane
		74	SHIVALLI	23	Koligar, Muregar, Kudragod, Neelkani, Naigar, Jaddigadde (Sirsi), Manadur, Singanalli, Kelgin Onikeri, Melin Onikeri, Modur, Kadbal, Shigehalli, Onigadde, Kambigar, Hakkigadde, Mudgar, Kotgehalli, Shivalli, Shivagaon, Kanalli, Hegggar
		75	VANALLI	9	Dhoranagiri, Muski, Kakkalli, Kanamuski, Shirgani, Gonsar, Vanalli, Guruvalli, Tattisar
		76	SALKANI	1	Salkani
8	YELLAPURA	77	HITLALLI	6	Harigadde, Tolagod, Hiresar, Bidralli, Hittlalli, Ilehalli
		78	ANGOD	11	Bisgod, Nagarakhan, Hukkali, Angod, Savagadde, Baragadde, Geral, Shistamudi, Tatagar, Shigepal, Hutakmane
		79	KAMPLI	4	Somanalli (Yellapur), Chikkotti, Kampli, Kerehosalli
		80	KANNIGERI	6	Gotguli, Lalguli, Kannigeri, Kannadagal, Belegeri, Kolikeri
		81	MAVINMANE	5	Kanur, Bare, Marahalli, Benadaguli, Mavinamane
		82	NANDOLLI	15	Hastakaragadde, Balekani, Nandolli, Kavadikere, Belakanda, Analgar, Hulagan, Sulagar, Heggumbale, Holemadu, Devaragadde, Magod, Chandguli, Malalgaon, Hutkhanda
		83	VAJRALLI	12	Baraballi, Kodsalli, Kalache, Honagadde, Targar, Beegar, Baginkatta, Chimanalli, Telangar, Vajralli, Jogalepal, Ambagaon
		84	IDAGUNDI	14	Lingadabailu, Hamsana, Gadde, Donagar, Gharwas, Gopadmane, Jogadamane, KOMadi, Idagundi, Kodlagadde (Yellapur), Chikkumane, Gullapur, Arbail, Dabaguli, Kelashi
		85	DEHALLI	4	Kattige, Dehalli, Hiriyal, Balagar
9	HALIYAL	86	AMBIKANAGAR	4	Kulgi, Jamaga, Amga, Ambikanagara (CT)
		87	DANDELI	1	Dandeli
10	SUPA	88	AKHETHI	11	Viranjol, Palada, Rangarook, Varlewadi, Akheti, Vatala, Karambal, Anamod, Atle, Devulli (Tinai), Payaswadi
		89	ANASHI	4	Nujji, Badpoli, Anashi, Nigundi
		90	ASU	13	Chandawadi, Konshet, Iliye Dabe, Durg, Chapali, Asu, Bori, Shindholi, Varande, Wada, Kasarle, Boregali, Kamra
		91	AVEDA	7	Kurandi, Aveda, Konda (Haliyal), Kondapa, Mavalinge, Badgund, Ambeli

		92	BAZAR KUNANG	12	Reservoir (Supa), Ivoli, Aveda Poppal Wadi, Ghvane, Bandoda, Pisose, Viral, Bazar Kunang, Kuveshi, Diggi, Asulli
		93	JAGALBET	7	Velif Kumbeli, Timbholi, Kumbral, Vaini, Bamanawadi, Durgi, Jagalbet,
		94	JOIDA	8	Chapoli (Kalsai), Devulli (Joida), Tinai Khand, Joida, Nagari, Hudasa, Kumbeli, Gangoda
		95	KALAMBULI	2	Kalambuli, Kunagini
		96	KATELI	8	Kundal, Zalawali, Terali, Deriye, Katel, Kateli (Kumbar Wada), Kalasai, Godashet
		97	SAMJOIDA	10	Panjeli, Karanjoida, Nagoda, Samjoida, Chapoli (A), Chapakhand, Amarde, Bapeli, Khodli, Sangave
		98	NANDIGADDE	7	Avurli, Gund, Nandigadde, Chinchkhand, Kariyadi, Bedasgadde, Shevali
		99	YERAMUKH	1	Yeramukh
		100	PRADHANI	10	Birampali, Pradhani, Gavegali, Phansoli, Virnoli, Kalamkhand, Shirolu, Amagaon, Sannamaga, Kavale
		101	SHINGARGAON	10	Miras, Kumbeli, Amshet, Malamba, Vajjagaon, Kasarwadi, Shingargaon, Kudalgaon, Donshet, Usoda, Pusheli
		102	ULVI	11	Ambolli, Chafer, Bidoli, Tulasgeri, Vadkal, Shivapur, Hebbal, Ulavi, Kodthalli, Neturge, Birkhol

ECOLOGICALLY SENSITIVE REGION - 2

SNO	TALUK	SNO (PANCHAYATS)	PANCHAYAT	NO OF VILLAGES	VILLAGE NAMES
1	ANKOLA	1	ALGERI	2	Algeri, Baleguli
		2	AVERSA	1	Aversa
		3	BELEKERI	1	Belekeri
		4	BELSE	3	Talgadde, Belse, Shirur
		5	ANKOLA	2	Nadibag, Ankola (TP+OG)
		6	HARWARDA	1	Harwada
2	BHATKAL	7	BELKE	4	Gorte, Belke, Kaggundi, Nuz
		8	MUNDALLI	1	Mundalli
		9	BHATKAL (OG)	3	Taggorgod, Jali, Bhatkal (TMC+OG)
		10	YALAVADIKAVOOR	8	Bastigalamigte (Hadin), Hadin, Chavathani, Purvarga, Golibilur, Yelavadikavoor, Herur, Benandoor,
3	HONNAVAR	11	KASARKOD	3	Kasarkod, Kankichitta, Hosapatna,
4	KARWAR	12	AMADALLI	2	Todur, Amadalli,
5	KUMTA	13	KUJALLI	3	Konalli, Kujalli, Hegle,
6	SIDDAPUR	14	HARSHIKATTA	10	Karkisaval, Honnehadda, Harshimane, Harshikatta, Manikmane, Hutagar (Muthalli), Muthalli, Kodsar (Muthalli), Bhandarkeri, Sampagod
		15	KAVANCHUR	6	Akkunji, Haralikoppa, Arendur, Kavanchur, Dugadikoppa, Nejjur

		16	SHIRALGI	5	Kolgi, Shiralgi, Balekoppa (Shiralgi), Bikkalse, Mugdur
		17	TYAGALI	10	Matti Halli, Hangarkhanda, Shigehalli (Siddapur), Kodgadde, Kalgadde, Shelur, Tyagali, Hirekai (Tyagali), Kalen Halli, Surgikoppa, Mudhalli,
7	SIRSI	18	BANAKKAL	8	Mattihalli, Ummadi, Bilur, Gongatta, Gonur, Kandraji, Bankanal, Malanji,
		19	BHAIRUMBE	10	Hulgo, Malenalli, Arasapur, Belale, Golikoppa, Bhairumbe, Bommanalli, Agasal, Dasangadde, Sadashivalli
		20	BISALKOPPA	14	Shivalli, Angodkoppa, Mudebail, Wadgeri, Hudelkoppa, Bislakoppa, Ullal, Adnalli, Yekkambi, Malalgaon (Sirsi), Benagi, Hallikoppa, Kotekoppa, Kuppalli
		21	DODNALLI	6	Achanalli, Narebail, Dodnalli, Byagadde, Husri, Bachagaon
		22	GUNDAPUR	8	Hadalagi, Madralli, Gudnapur, Navanageri, Golikatta, Mundgehalli, Kantraji, Ajjarni
		23	HULEKAL	9	Audala, Mogadde, Mathadeval, Kodigar, Bakkal, Nakshe, Hancharata, Sonda, Harehulekal
		24	ISLOOR	8	Boppanalli, Isloor, Sannakeri, Huldevansar, Goudalli, Somanalli, Chipgi, Hebballi
		25	NEGGU	15	Hostota_s, Navilgar, Sampakhanda, Kugtemane, Balavalli, Janmane, Kodgibail, Hallusargi, Bommanalli_s, Mattigar, Neggu, Uratota, Bappanalli, Tataguni, Tuduguni
		26	SUGAVI	10	Margundi, Halgadde, Sugavi, Madankeri, Halsinkoppa, Bidralli (Sirsi), Vaddinakoppa, Kalgundikoppa, Gadgeri, Bengle,
		27	UNCHALLI	12	Nurkalkoppa, Kankoppa, Kabbe, Kerekoppa, Unchalli, Umblekoppa, Somanalli, Uplekoppa, Koppa, Kalli, Kogod, Sahasralli
		28	KUNDARGI	25	Halasinkoppa, Kanenalli, Shigemanuummachagi, Chavatti, Kanagod-Balehadda, Sankadagundi, Kotemane, Totadakallalli, Hunasemane, Hullaramane, Jakkolli, Jaddigadde, Savane, Uchageri, Bharatanahalli, Bharanii, Kannur - eggaranii, Tarehalli, Hemmadi, Vanakemane, Kundargi, Hasalmane, Bellambi, Sampekoppa, Beejanakoppa
8	YELLAPURA	29	YELLAPURA	1	Yellapura (TP)
9	HALIYAL	30	ALUR	16	Haregali, Gobral, Vitnal, Kumbarkop, Ambewadi, Bedarshirgur, Alur, Kalginatti (kalginkopp), Dandeli (Rural), Kerwad (Dandeli), Kariyampali, Badakanshirda, Harnoda, Mainal, Hosakumbarkop, Tatgera,
		31	ARLWAD	4	Mundki, Arlwad, Hunswad, Satnalli,

		32	BHAGWATI	19	Rayapattan, Chinnalli, Malawad, Kalbhavi, Gutti, Donshirgur, Badashirgur, Narnalli, Bommanalli (Haliyal), Kegdal, Vincholli, Addigera, Bhagawati, Malawadi, Thakkar Basapur, Bhimanalli, Machapur, Balshettikop, Chotakanshirda,
		33	JANAGA	6	Dodkop, Janaga, Chinaginkop, Jatga, Basawalli, Nandigadda
		34	MANGALWAD	5	Malwad, Ambodaga, Pala (Haliyal), Kalasapur, Mangalawad
		35	KAWALWAD	12	Karlkatta, Sambrani, Bukkankoppa, Nilwani, Hosur (Haliyal), Adikehosur, Jatgahosur, Mavinkop, Tattigeri, Bogur, Kawalwad, Hampehalli
		36	YEGODA	14	Kesrodaga, Singatgeri, Ajgarni, Handli, Ramapur (Haliyal), Modalgera, Bidrolli, Yedoga, Channapur, Babblikop, Baloga, Harwalli, Satmani, Jawalli
		37	SALAGAON	1	Salagaon
ECOLOGICALLY SENSITIVE REGION - 3					
SNO	TALUK	SNO (PANCHAYATS)	PANCHAYAT	NO OF VILLAGES	VILLAGE NAMES
1	BHATKAL	1	MAVINKURVE	4	Karikal, Talgod (Bhatkal), Mavinkurve, Belni,
2	HONNAVAR	2	HALDIPUR	1	Haldipur,
		3	KARKI	3	Pavinakurve, Karki, Duggur,
		4	NAVILGONE	4	Madageri, Kakurve, Navilgone, Aunsalli
		5	HONNAVAR (TP)	1	Honavar (TP)
3	KARWAR	6	ARGA	1	Arga
		7	CHANDIYE	1	Chendiye
		8	SHIRWAD	1	Shirwad
4	KUMTA	9	DEVGIRI	6	Devagiri, Math, Kadekodi, Talgod (Kumta), Holegadde, Horbhag,
		10	HEGDE	2	Lukkeri, Hegde,
		11	KALBAHG	1	Handigona
		12	KUMTA (CMC+OG)	1	KUMTA (CMC+OG)
5	SIDDAPUR	13	BHANKULI	4	Bhankuli, Muttige (Gunjagod), Bedkani, Tyarshi,
		14	BIDARKAN	10	Godlabil, Hingar, Muttige (Kaval Koppa), Naligar, Kavalkoppa, Kodgibail (Siddapur), Bidarkan, Golgod, Bandisara, Maghegar
		15	KANGOD	4	Nidgod, Aigod, Ballatte, Kangod (Siddapur),
		16	KOLSIRSI	11	Heggodmane, Tumbargod, Mandlikoppa, Kunaji, Kolsirsi, Balguli, Avarguppa, Halagadikoppa, Wadageri, Kastur, Mutmurd,
		17	TAREHALLI	14	Tagginbalgar, Adkalli, Malenhalli, Gavingudde, Balekai, Tarehalli-Kansur, Kangod-Kansur, Ghattikai, Madankal,

					Devisar, Girgadde, Arehalla, Kalkatte Hunasekoppa, Hosakoppa
		18	SIDDAPUR (TP)	1	Siddapur (TP)
6	SIRSI	19	HUNSEKOPP A	6	Yachadi, Kalve, Sannalli, Janmane (H), Hunsekoppa, Hanumanthi
		20	SIRSI (CMC+OG)	2	Sirsi (CMC+OG), Hutgar
		21	ITAGULI	8	Balegadde, Karjigimane, Itaguli, Koppa, Andolli, Devarkoppa, Harepal, Kalgar
		22	KANGOD	9	Amblihonda, Mashigadde, Kangod, Hannodugudde, Ajjibal, Karoor, Balgar, Jaganalli, Bislakoppa_s
		23	KODNAGAD DE	5	Kalgadde Kanchigadde, Sonaginmane, Kodnagadde, Mensi, Balekaimane
		24	KULVE	6	Terkanalli, Kageri, Padageri, Baroor, Kulve, Gadihalli,
		25	YEDALLI	10	Bilgalmane, Hedigemane, Sankadmane, Heepnalli, Sirsimakki, Mundagesar, Yadalli (Sirsi), Karsulli, Kalkai, Betkoppa
7	HALIYAL	26	KESROLLI	11	Niralagi, Domagera, Kyatanger, Gardolli, Gadagera, Agasalkatta, Ajga0N, Kesrolli, Halsi, Kurigadde (Haliyal), Siddapur (Haliyal),
8	MUNDGOD	27	GUNJAVATHI	6	Gunjavati, Mainalli, Balehalli, Kusur, Tattilli (Mundgod), Basavanakoppa
		28	HUNGUNDA	2	Agadi, Hungunda
		29	INDOOR	4	Indoor, Kopp (Ind), Pur
		30	KATUR	18	Chipageri, Ganadahalli, Tattalli (Katur), Kallalli (Mundgod), Nagnoor, Chikka Haravalli, Chitgeri, Chalgeri, Ammatgar, Attangi, Doddaharvalli, Katur, Mudasali, Alalli, Mavakoppa, Maragadi, Shinganahalli, Hulihonda,
		31	NANDIKATT A	4	Yerebail, Hulihonda, Nandikatta, Ugginkeri
		32	SALGAON	5	Sanavalli, Bappalgundi, Bappalkatti, Ajjihalli
9	SUPA	33	RAMNAGAR	1	Ramnagar
ECOLOGICALLY SENSITIVE REGION - 4					
S N O	TALUK	SNO (PANCH AYATS)	PANCHAYAT	NO OF VILLAGES	VILLAGE NAMES
1	ANKOLA	1	BHAVIKERI	1	Bhavikeri,
		2	AGRAGON	9	Aragon, Hegre, Adigon, Joog, Kamge, Devigadde, Sagadgeri, Ulware, Balale,
		3	SHETGERI	15	Poojgeri, Shetgeri, Bhasgod, Kogre, Belambar, Wadibogri, Honnebail, Shinganmakki, Surve, Kanagil, Hichkad, Hadav, Bilehoingi, Manjaguni
		4	VANDIGE	2	Hosgadde, Bole
2	KARWAR	5	MADHEWAD A	5	Kanasgiri, Kolage, Arav, Sawantwada, Madhewada

		6	CHITAKULA	1	Chitakula
		7	KADWAD	3	Kadwad, Makheri, Sunkeri,
		8	KINNAR	1	Kinnar
		9	MAJALLI	1	Majalli
		10	KARWAR (CMC+OG)	1	Karwar (CMC+OG)
3	KUMTA	11	HOLANGADD E	4	Holanagadde, Manikatta, Halkar, Chitrangi
4	SIRSI	12	ANDGI	7	Fharsi, Kirwatti, Hebbatti, Andgi, Kyadgikoppa, Mugilkoppa, Kalkardi
		13	BADANGOD	7	Danaganahalli, Badanagod, Kalangi, Bellankeri, Kuppagadde, Waddal, Santolli
		14	BANAVASI	4	Kadgod, Banavasi, Mugvalli
		15	BHASI	5	Tigani, Bhasi, Chikkadugli, Kalkoppa, Naroor
5	YELLAPURA	16	HASANGI	13	Bendigeri, Gadijogadmane, Bhomnalli, Kundoor, Kusguli, Hasanagi, Aalwad, Bilki, Puratbomnalli, Hotageri, Mudanagi, Shiranala, Hitlasara
		17	KIRAVATTI	3	Kanchanahalli, Kiravatti, Hosalli
		18	MADNUR	9	Kalasuru, Heggapur, Madnur, Bankasalli, Yadalli, Devarakallalli, Malakoppa, Halagod, Baichgod
6	HALIYAL	19	BELWATGI	2	Guledkop, Belwatgi
		20	BHANASAGE RI	2	Buzurkanchanalli, Bhanasageri
		21	GUNDOLLI	7	Kumbarkop, Tippingeri, Pura (Haliyal), Arshingeri, Kalginkop, Gundolli, Ajminal
		22	HAVAGI	4	Timmapur, Havagi, Kerwad (Haliyal), Magwad
		23	MADNALLI	5	Homnalli, Madnalli, Dusagi, Muttalmuri, Antrolli
		24	MURKWAD	3	Murkwad, Mugadkop, Khurd Kanchanalli
		25	NAGSHETIK OPPA	5	Nagshetikop, Mundwad, Shivapur (Haliyal), Dongrikop, Golehalli
		26	TATWANGI	4	Tatwanagi, Ammankop, Jogankop, Ghadiyal
		27	TERAGON	1	Tergaon
		28	HALIYAL (TP)	7	Tegnalli, Alolli, Khamdolli, Chibbalgeri, Guttibail, Malwadi, Haliyal (TP)
29	RAMPUR	2	Handli, Ramapur (Haliyal)		
7	MUNDGOD	30	BACHANKI	3	Wadagatta, Bachanaki, Nyasargi, Kundargi (Mundgod)
		31	BALEKOPPA	2	Halaharavi, Balekoppa
		32	CHOWDALLI	10	Kargolli, Tamyankoppa, Chowdalli, Teginkoppa, Lakkolli, Malavalli (Mundgod), Byanalli, Kalkeri, Rayanalli, Andalgi,
		33	CHIGALLI	3	Kavalakoppa, Hirehalli, Chigalli
		34	KODAMBI	13	Ramapur, Veerapur, Kodambi, Bhadrapura, Bommarshikoppa, Kurli, Togralli, Atabail, Kanchikoppa, Shanvalli, Ummachagi, Hostot (Mundgod), Bedasgaon

		35	MALGI	14	Bekkod, Naginkeri, Siddapur, Malgi, Kop (Gotgudi), Gotagudi, Kolgi (Mundgod), Haraganalli, Veerapur, Jangeri, Hoskoppa, Borangudda, Kyadgikop, Yemagalli
		36	PALA	6	Oralgi, Borangudde, Hudelkoppa (Mundgod), Pala, Ingalki, Kalkoppa (Mundgod)
		37	MUNDGOD (TP)	2	Kyasankeri, Mundgod (TP)

Table 6: Activities that can be allowed in ESR -1, 2 3 & 4.

SNO	ACTIVITIES	ECOLOGICALLY SENSITIVE REGIONS			
		ESR-1	ESR-2	ESR-3	ESR-4
1	ENERGY	✓	✓	✓	✓
	(A) Solar (Roof top)	✓	✓	✓	✓
	(B) Wind power	✗	✗	✓	✓
	(C) Bio energy	✓	✓	✓	✓
	(D) Coal based (Thermal power)	✗	✗	✗	✗
	(E) Gas or liquid fuel based	✗	✗	✗	✓
	(F) Hydro power (Major)	✗	✗	✗	✗
	(G) Hydro power (Micro)	✗	✗	✗	✓
	(H) Nuclear power	✗	✗	✗	✗
2	FORESTS				
	(A) Land use change (Forest to non-forest usages)	✗	✗	✗	✗
	(B) Monoculture plantations	✗	✗	✗	✗
	(C) Extraction of medicinal plants (with strict regulations)	✗	✓	✓	✓
	(D) Forest improvement through VFCs	✓	✓	✓	✓
	(E) NTFP collection	✓ (Strict regulation by department)	✓ (Strict regulation by department)	✓ (Strict regulation by department)	✓
	(F) Encroachment of forests and Myristica swamps	✗	✗	✗	✗
3	AGRICULTURE	✓	✓	✓	✓
	(A) Agro forestry	✓	✓	✓	✓
	(B) Organic farming	✓	✓	✓	✓
	(C) Land use change / Encroachments	✗	✗	✗	✗
	(D) Genetically modified crops	✗	✗	✗	✗

	(E) Animal Husbandry	✓	✓	✓	✓
4	HORTICULTURE	✓	✓	✓	✓
	(A) Organic farming				
	(B) Nitrogen and Phosphorus (N&P) fertilizers	✗	✗	✗	✓ Dosage as prescribed by Agriculture department
	(C) Endosulfan	✗	✗	✗	✗
	(D) Pesticide, weedicide	✗	✗	✗	✓
	(E) Watermelon & Muskmelon farming	✓	✓	✓	✓
5	INDUSTRIES (Larger scale)				
	(A) Agro processing industries	✓	✓	✓	✓
	(B) Information Technology industries (IT)	✗	✗	✓	✓
	(C) Red category (Polluting) industries	✗	✗	✗	✗
	(D) Garment industries	✗	✗	✓	✓
	(E) New establishment of Industries	✗	✗	✗	✓ (Allowed only after critical review by local stake holders and experts)
	(F) Nonpolluting (Green) Industries	✗	✗	✓	✓
6	INDUSTRIES (Small scale)	✗	✗	✓	✓
	(A) Garment industries				
	(B) Domestic (Home based) industries				
	a. Papad	✓	✓	✓	✓
	b. Mango processing	✓	✓	✓	✓
	c. Areca nut processing & Coir industries	✗	✓	✓	✓
	d. Milk products and processing	✓	✓	✓	✓
	e. Dry fruits & Spices	✓	✓	✓	✓
	f. Fruit processing (Ex: Kokum Juice (<i>Garcinia indica</i>))	✓	✓	✓	✓
	g. Fish and sea products processing	✓	✓	✓	✓
	h. Bee keeping and bee nurseries	✓	✓	✓	✓
i. Pongamia plantations for biofuel (in private lands)	✗	✗	✓	✓	

	j. Bio pesticides manufacturing	x	x	✓	✓
	k. Poultry farms and powdered eggs	x	✓	✓	✓
	l. Vegetable dyes; fruits and vegetables preservation	✓	✓	✓	✓
	m. Medicinal plants cultivation and processing	✓	✓	✓	✓
	n. Aromatic plants and essential oil distillation; orchids and cut flowers harvesting industries	x	✓	✓	✓
7	TOURISM				
	(A) Ecotourism	✓	✓	✓	✓
	(B) Organic village and home stay	✓	✓	✓	✓
	(C) VFC managed tourism	✓	✓	✓	✓
	(D) VFC managed home stay tourism in higher forest cover regions and protected areas	✓	✓	✓	✓
	(E) Arts and handicrafts museum and trade center	✓	✓	✓	✓
8	MINING AND MINERAL EXTRACTION				
	(A) Iron ore	x	x	x	x
	(B) Manganese	x	x	x	x
	(C) Bauxite	x	x	x	x
	(D) Limestone	x	x	✓	✓
	(E) Quartz	x	x	✓	✓
	(F) Sand extraction (on sustainable basis by Ban on exporting)	x	x	✓	✓
9	WASTE DISPOSAL				
	(A) Hazardous waste processing units	x	x	x	x
	(B) Solid waste disposal	x	x	x	✓ (For composting and manure preparation)
	(C) Liquid waste discharge	x	x	x	✓ (Treatment plants (STP) for processing)
	(D) Recycling and waste processing and units	x	x	x	✓ (compliant with PCB)
10	TRANSPORTATION				
	(A) Widening of highways				✓ (Allowed only after strict EIA)
	(B) Roads and express ways	x	x	x	

	(C) Rail and freight corridors	Hubli- Ankola rail connectivity: Implementation with EMP, mechanism for post project monitoring, Strict regulation and social audit Talaguppa – Honnavar: Passes through LTM habitat and ecologically sensitive – not to be permitted			
	(D) Up gradation of existing infrastructure	x	x	✓ (Subject to EIAs, strict regulation and social audit)	✓

Remarks

- ESR_1 represents zone of highest ecological sensitiveness, no further degradation be allowed. ESR-2 has potentiality to become ESR-1 provided strict implementation norms and regulations for improvement of degraded patches of forests. Further erosion of ESR-2 will have more adverse effects in ESR-1.
- Forest Rights Act to be implemented in its true spirit.
- Monoculture plantations are not allowed, existing exotics should be replaced by planting location specific native species.
- Promote use of renewable energy sources such as (solar, wind power) through incentive based decentralized electricity generation.
- Mining is to be banned in ESR 1, ESR 2 and ESR 3
- No new licenses to be given for quarry and sand mining in ESR 1 and 2.
- Local agro based industry to be promoted with strict regulations and social audit.
- Adapt development projects (discussed in the next section) which will have least environmental impact by involving local community members in decision making and environmental monitoring.
- No new major roads, widening of highways
- Proposed Talaguppa – honnavar rail link to be shelved (affects LTM habitat, and ESR1)
- Eco tourism (comparable to Goa and Kerala model and based on MOEF regulations) after taking into account social and environmental costs.
- The laterite formations are aesthetically pleasing, and particularly with the massive flowering of rainy season herbs. The terrain is ideal for tourism and scientific studies.

6.0 Ecology Integrated Clustering for Development of local bodies

The geographical clustering approach for integrated, ecologically sound development seems to be the only solution for sustainability in rural India, a country which is still a fair mix of advanced state of biotechnology, IT industry and global leaders in textile production, iron steel and transportation co-existing with slash and burn cultivation in the North-East, handmade clothes, village blacksmiths, bullock carts and stone age canoes. The integrated eco-cluster approach, recommended here for Uttara Kannada district, is meant to protect ecology, biodiversity, water resources, culture and traditions while paving way for locality-specific economic development, primarily aimed at elevating levels of livelihood security. Such development is meant to counter the adverse impacts of globalization on environment and human life in this fragile, humid tropical zone rich in biodiversity, both cultivated and wild, and to arrest the recent trends in mass migration of youth, deserting their villages, seeking better livelihoods in big cities. The clustering of gram panchayats, including small towns, for carrying out a proposed set of economic activities per cluster, envisaged here, is the best alternative to mega-projects and macro-economic development for a fragile tropical zone, a part of the Western Ghats, one of the Global Biodiversity Hotspots of the world. As the cities like Bangalore are becoming unlivable due to burgeoning population and chaotic development with water and power crisis looming large, rising pollution and scanty living spaces, the strains are felt in the Western Ghats for siphoning of water, producing hydro-power and even thermal and nuclear power, and extracting diverse kinds of natural raw materials, endangering ecology and impoverishing rural life, making the youth migrate in large numbers deserting their rural homes and leaving behind their traditional livelihoods.

6.1 Cluster Development Approach for Uttara Kannada

Sector-wise cluster development approach is already inherent and is gaining increasing importance in Karnataka. For, instance in the field of crop production Bangalore urban and Rural, Kolar and Tumkur constitute a mango cluster targeting production of export quality mangoes. Dakshina Kannada, Udupi, Uttara Kannada and Kolar make a cashew cluster. Most of the malnadu districts of the State belong to a cocoa cluster and so on. All sector integrated, ecology based cluster approach is lacking so far.

A taluk-wise clustering of Uttara Kannada has been proposed here for future ecology-integrated sustainable development. In each taluk the taluk headquarters along with adjoining gram panchayats will constitute one cluster. The coastal gram panchayats are grouped into coastal clusters in view of their proximity to sea, marine fishing as a form major livelihood, their threats from sea level rise and sea erosion in future, nearness or inclusion of estuaries and creeks, which themselves are highly productive ecosystems, low, hilly lateritic terrain, the possible compacted deposits of ancient Gondwanaland erosion, with specialized ecosystems and so on. The inner coastal panchayats bordering on Western Ghats are grouped into separate clusters. If major west flowing

rivers intervene in the landscape the gram panchayats on either sides are grouped into separate clusters. In the Malnadu taluks the eastern relatively drier gram panchayats and western ones along the crest of the Western Ghats, clad in mainly evergreen forests, make separate clusters. The Anshi-Dandeli Tiger Reserve, inclusive of Anshi National Park and Dandeli Wildlife Sanctuary along with associated villages constitute one cluster. In this cluster developmental activities are primarily related to eco-tourism and associated ones, considering the sensitivity of the conservation area. In Mundgod and Haliyal, the taluks merging with the Deccan zone, the GPs of relatively flatter eastern portions having numerous ponds and lakes are brought in clusters separate from those bordering Malnadu forests. Development activities are proposed considering the terrain, landscape elements, ecology, farming systems, associated human life etc. The resulting clusters form self-reinforcing networks of local industries, research institutions, universities, financial bodies and public sector organisations characterised by high level of competition and collaboration.

Cluster facilitators and need for institutional structure for implementation: Village panchayats form ideal units for implementation of cluster approach for integrated eco-friendly development. The success of cluster based development programmes will depend on the active participation of facilitators. The various Government departments, financial institutions and NGOs will have active roles to play for the success of the integrated cluster-base approach. In addition there is also need for district and taluk level facilitator committees for scrutinsation of developmental plans and review of progress achieved. The role of some facilitators, for instance, are indicated below

Forests and wildlife departments

- As forests constitute a major asset of the district the Forest Department need to be strengthened with more manpower.
- Development of nurseries involving local people. People be encouraged and guided to make nurseries of forest trees and medicinal plants (*Coscinium fenestratum*, *Nothapodytes nimmoniana*, *Asparagus racemosus*, *Embllica officinalis*, *Saraca indica*, *Terminalia bellirica*, *Adhatoda vasica*, *Rauwolfia serpentina*, *Tinospora cordifolia* etc)
- It is suggested to look into the feasibility of purchase of medicinal plants or their products by the Forest Department itself, or by the local VFCs from the producers at fair prices, and the sale/supply of these goods to pharmaceuticals to be undertaken by the Forest Department itself. This recommendation is being made so as to stop rampant illegal collection and trade of medicinal plants from the wild.
- The local ayurvedic pharmaceuticals (within the district), and local people to be engaged in cultivation and value addition to medicinal plants be supplied with medicinal plants/products on priority basis to enrich the local economy and employment potential

- NTFP collection and value addition,
- Developing bee-keeping involving forests and mangroves. As bee-keeping is recommended as an important activity for almost all clusters, roadsides, common lands, under-stocked or degraded forest patches around villages be planted with appropriate nectar plant species.
- Contract system for collection of NTFP from forests found to be highly detrimental to forests and biodiversity and economic well being of local people be stopped forthwith and co-management system involving local people be adopted.
- Production of bamboo based products by local craftsman and effective utilization of bamboo for local development is important
- Use of alternative energy sources replacing firewood
- Development of bettas for tree farming, medicinal plants and fodder,
- Promoting backwater, mangrove, and beach tourism, development of rural tourism and home stays in the vicinity of forests and wildlife areas
- Regular conduct of training in bird-watching, wildlife studies, trekking trails, hygiene and solid waste management involving VFCs, local youth in forest and wildlife related tourism areas be arranged with view of generating eco-friendly employment potential.
- Utilization of weeds and harvestable trees/tree parts, bamboos, canes etc. from plantations or other designated areas for vegetable dyes, medicines, weaving, furniture, handmade paper, sports goods production
- Awareness creation and conservation of sacred groves, sacred kans, which are biodiversity and hydrology significant areas and still playing unique cultural roles in rural society.
- All hydrologically significant forest patches, as indicated, for instance, by high Western Ghats endemism among trees, be preserved both for the sake of perenniality of water courses and for the biodiversity content.
- The Department to consider pooling back good part of income from VFC managed areas into sustainable income generating activities in the cluster level

District Industries Centre (DIC)

Main focus agency for promotion of small scale and cottage industries.

- Easy registration of small scale and cottage industries
- Infrastructure assistance
- Investment subsidies
- Linking with Employment Generation Programmes
- Entrepreneurship development programmes
- Technical training
- Assisting in sale of products, buyer-seller meets

- No new red and orange category industries in malnadu and coastal taluks. Orange category may be considered under strict norms and social audit, away from biodiversity centres

Tourism Department

Integrated community based eco-tourism development is being conceptualised to benefit some clusters of adjoining local self government units as a strategy to address high incidence of poverty among the communities while such areas are teeming with tourism potential

- Developing integrated community based eco-tourism
- Assistance in building aesthetic cottages/rooms as part of home stays of bonafide locals or local VFCs. Local grass root level tourism related enterprises to be preferred against construction and commercial lobby.
- Developing tourism awareness in the appropriate panchayat clusters. Conducting programmes on safeguarding local cultures, performing arts and biodiversity
- Getting necessary registration/licenses for village home stays managed by individuals/VFCs/communities, and exhibiting details on location-wise home-stays through web pages
- Training youth in tourism/homestay management
- Fostering tourism related entrepreneurship among the local people so as to increase self employment opportunities in rural areas and small towns.

Horticulture Department

- Facilitate farming of desired crops only under insurance coverage
- Training in preservation of fruits and vegetables to women
- Promoting organic cultivation for exports and Indian markets

Financial institutions

Government financing and micro-financing institutions to step in to promote cluster level development programmes through local panchayats, VFCs, BMCs, NGOs, departments, societies etc. Financing from charitable and voluntary organizations and NGOs and not-for profit financiers to be considered and may be recommended by related departments. Crop insurance, preferably, in identified human-wildlife conflict zone is highly necessary for future of biodiversity conservation. Financial literacy is very critical for participatory development programmes envisaged.

Mining and Geology

- Mining in Western Ghats to be phased out. Mining for building stones/jelly be limited to meet local demands, and in any case not to be transported out of the district.

- Sand mining in west coast rivers and estuaries to be limited strictly for use within the district only.
- Considering coastal laterite as Gondwanaland soil/rock deposit, and its limited nature, its special ecosystem value sustaining rare and unique biodiversity, laterite quarrying from coastal hills be strictly limited to meeting local demands. Laterite transport to outside the needs to be banned
- Mining of stones/sand/shell etc. from VFC/BMC jurisdiction areas be limited to bonafide local use and in any case not to be transported outside local area/district as is deemed fit by the joint decision of VFC-BMC and Forest and Mining-Geology departments.

Education Department (Primary and Secondary)

Our initiatives with high school students and teachers show they are effective in documenting many aspects of biodiversity and related knowledge existing at village level. With a reasonable time, say one or two days spent on motivating them and familiarizing them with the concepts of biodiversity documentation and data collection formats, they could contribute substantially towards building up a dynamic database at village level ready for integration into the People's Biodiversity Registers. They are more effective in meeting and interviewing organic farmers, in noting down details on traditional cultivars, collecting details on sacred groves, major wildlife related details etc.

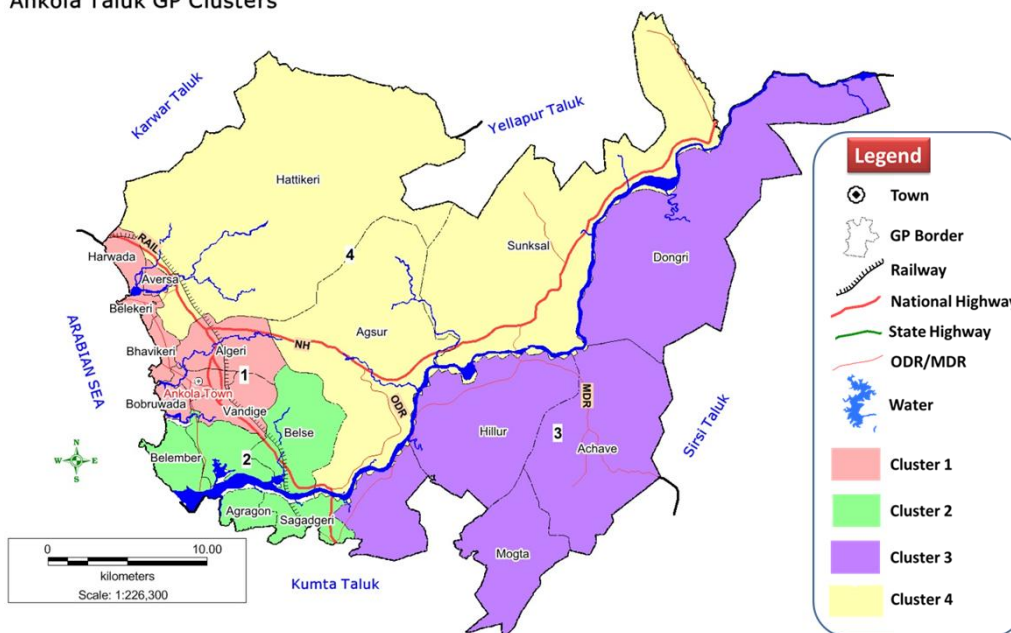
District administration/Zilla panchayat





- Thin plastic carry bags production and sale to be banned, so as to promote locally produced cloth and paper bags.
- Hoteliers and bulk purchasers of milk to purchase milk in larger containers, which the milk producers are to use mandatorily and need based
- Use of plastic disposable cups and plates to be banned so as to reduce environmental hazards and to provide market for locally produced biodegradable eco-friendly materials made up of say areca-spathe or washable utensils. Government institutions, offices, public sector undertakings, educational institutions, temples, hoteliers and roadside eateries, and bulk caterers to comply with such norms.
- Imposition of fines/cleaning charges be levied on polluters at all levels
- Toilet facility within reach of every household

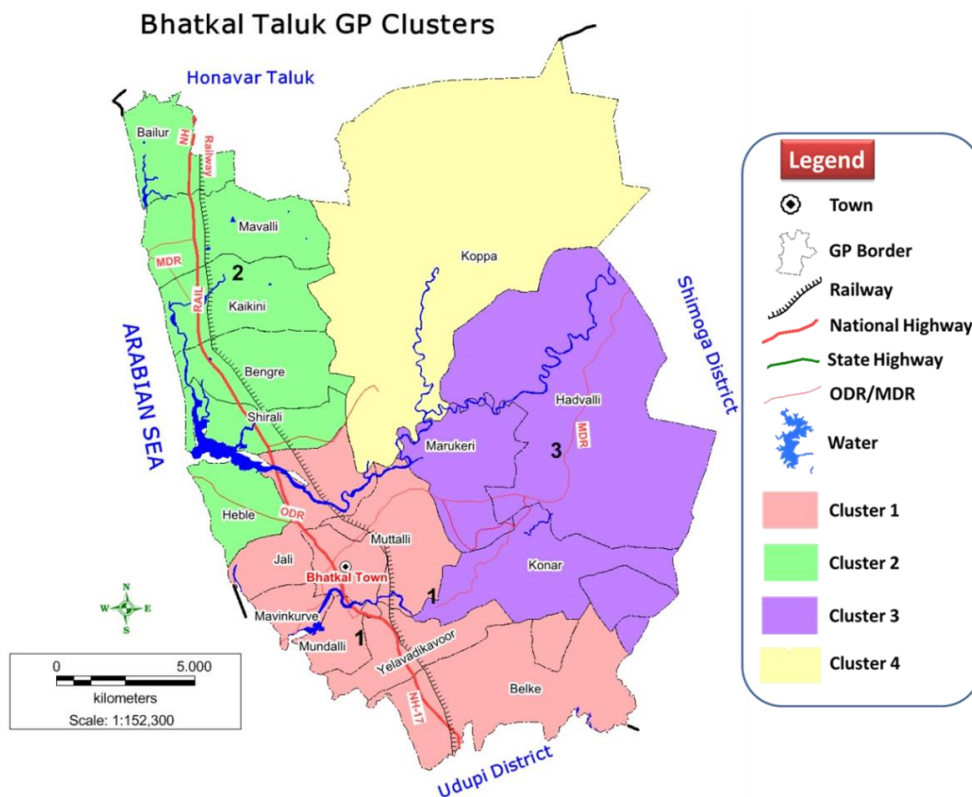






Taluk-wise Clusters

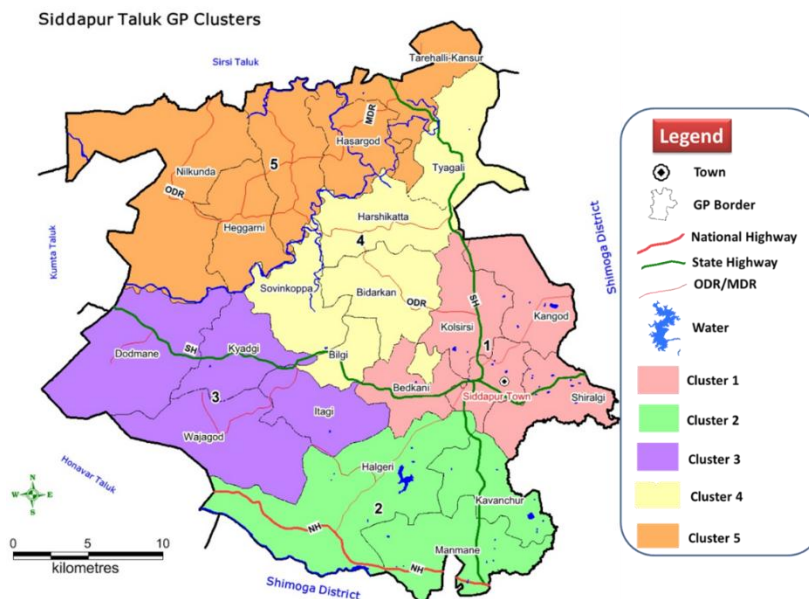
Ankola Taluk GP Clusters








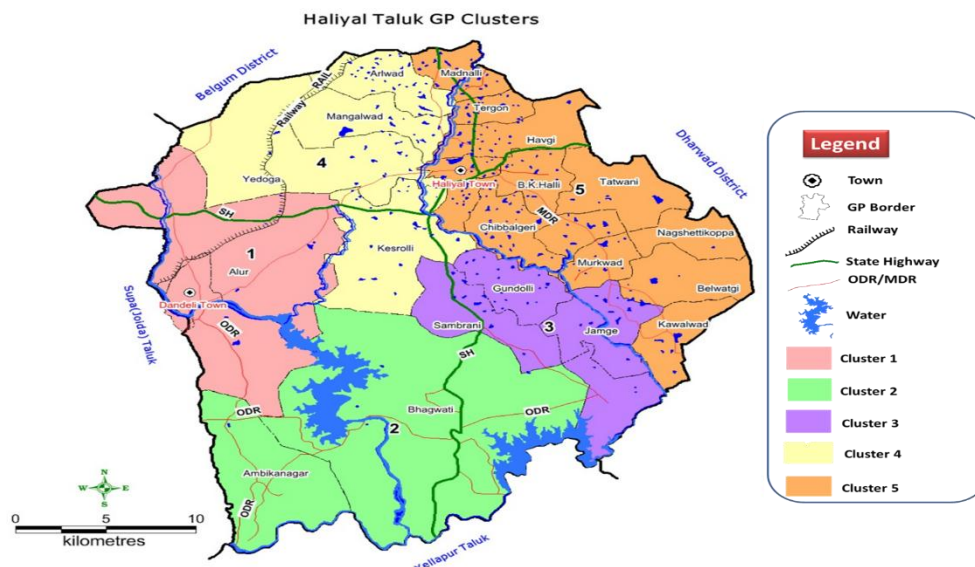
Clusters	Activities
 <p>Cluster 1</p>	Biopesticides, food products, gem and jewellery, readymade garments; training center for fashion technology; watermelon cultivation; fish products; home stays; incentives for community/private sacred groves in good condition; tour operators
 <p>Cluster 2</p>	Bee keeping and bee nurseries; VFC/panchayat FHM plantations, home for elderly; medicinal plants cultivation & processing; Water melon cultivation; mango pulp; mango nursery; incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 <p>Cluster 3</p>	Bee keeping, livestock and dairying, gobargas, VFC/panchayat FHM plantations; vegetable dyes; VFC managed health tourism; Motigudda home stays and tree houses; mango pulp; hospital services, incentives for rare traditional cultivars, rewards to certified organic farmers, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; sericulture
 <p>Cluster 4</p>	Bee keeping, livestock and dairying, gobar gas, VFC/panchayat FHM plantations; vegetable dyes; nursery for forestry, apiculture and avenue trees; herbal toilet soaps; hospital services, incentives for rare traditional cultivars, rewards to certified organic farmers, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; sericulture








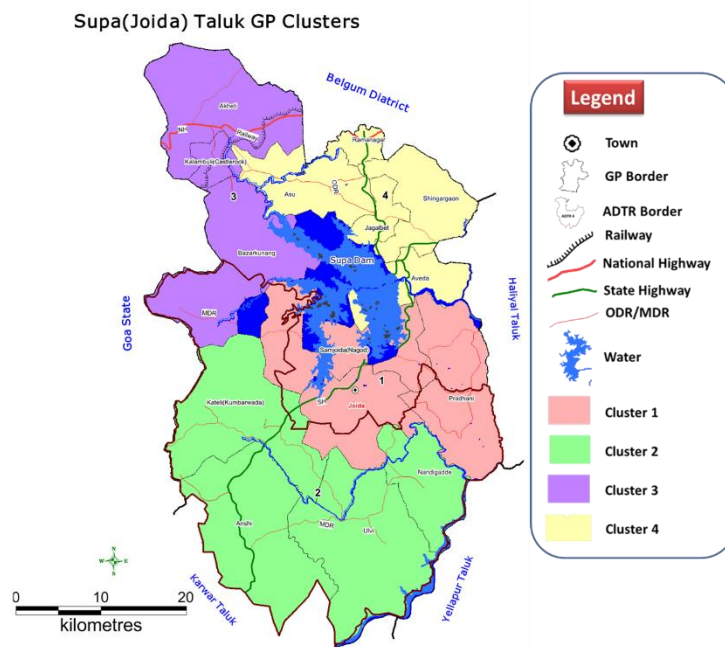
Clusters	Activities
 <p>Cluster 1</p>	Bee keeping, VFC/panchayat FHM plantations, home for elderly; vegetable dyes, readymade garments; jasmine cultivation, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; tour operators
 <p>Cluster 2</p>	VFC/panchayat FHM plantations; biopesticides and bio-fertilizers; VFC/individuals managed home stay tourism, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 <p>Cluster 3</p>	Bee keeping, livestock and dairying, gobargas, VFC/panchayat FHM plantations; medicinal plants cultivation and processing; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 <p>Cluster 4</p>	Bee keeping and bee nurseries; livestock and dairying, gobargas, VFC/panchayat FHM plantations; vegetable dyes; herbal toilet soaps, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; VFC managed home stay tourism







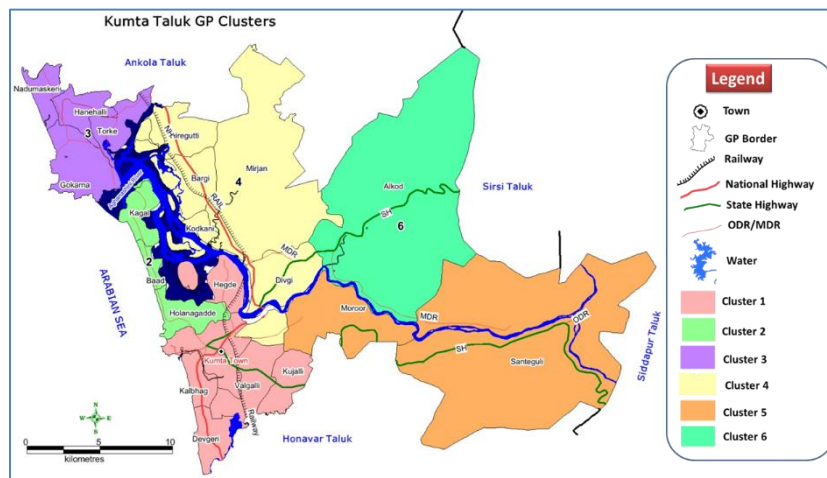
Clusters	Activities
 <p>Cluster 1</p>	Bee keeping, livestock and dairying, gobargas, sericulture, home for elderly; vegetable dyes; medicinal plants cultivation and processing; bamboo products; Tulsi cultivation and extract; hybrid seeds, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 <p>Cluster 2</p>	Bee keeping, sericulture; vegetable dyes; handmade paper products; home stay tourism; bamboo products; Pongamia plantations, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; VFC/individual managed home-stay tourism; training in making bamboo cottages
 <p>Cluster 3</p>	Bee keeping, Fish farming, livestock and dairying, gobargas, sericulture; Pongamia and neem plantations; biodiesel and bio-pesticides; tamarind plantations and products; poultry; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 <p>Cluster 4</p>	Bee keeping, Fish farming, livestock and dairying, gobargas, sericulture; mulberry nursery; Pongamia and neem plantations; bio-pesticides and biodiesel; purified neem oil; hybrid seeds; poultry, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 <p>Cluster 5</p>	Bee keeping, Fish farming, livestock and dairying, gobargas, sericulture; poultry feed; Pongamia and neem plantations; biodiesel and bio-pesticides; bio-fertilizers; purified neem oil; hybrid seeds; poultry and powdered eggs; tamarind products, tamarind nursery, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; tour operators









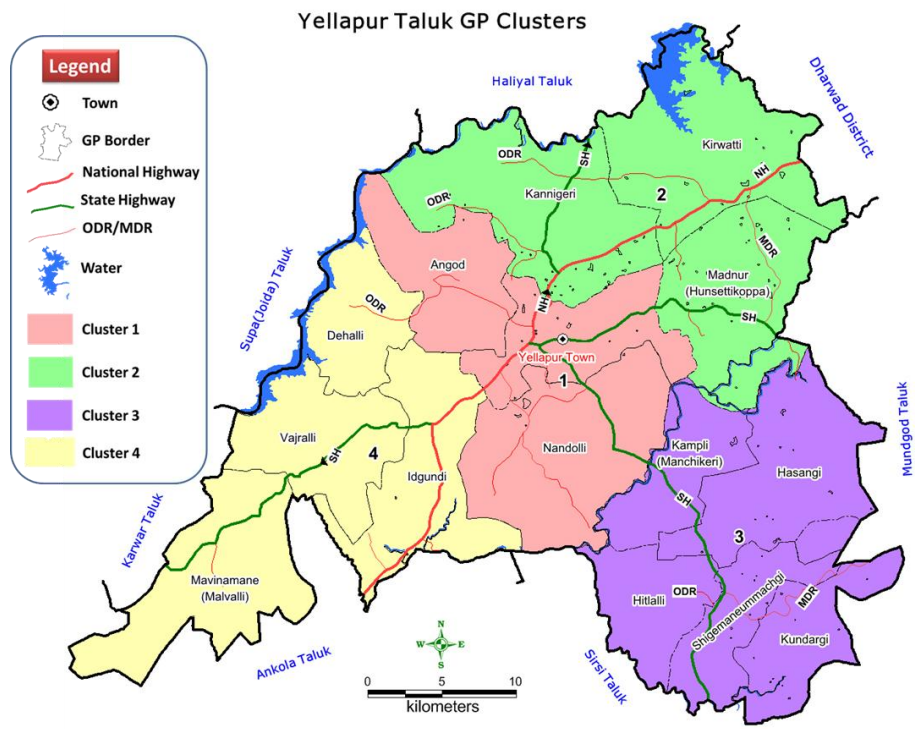
Clusters	Activities
 <p>Cluster 1</p>	VFC/panchayat FHM plantations, sericulture, home for elderly; organic products certification; microwave assisted hot air and vacuum drying of food & spices, ayurvedic medicines; sun dried fruits and vegetables; training centre for bee keeping and honey testing lab, incentives for rare traditional cultivars , incentives to certified organic farmers ; incentives for community/private sacred groves in good condition; tour operators
 <p>Cluster 2</p>	Bee keeping and bee nurseries; livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture; vegetable dyes; palm sugar; aromatic plants and essential oil distillation; orchids and cut flowers, indoor plants, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; cloth and paper bags
 <p>Cluster 3</p>	Bee keeping, VFC/panchayat FHM plantations; medicinal plants cultivation & processing; handmade paper products; palm sugar; aromatic plants and essential oil distillation; wild mango pickles; orchids and cut flowers, indoor plants; home-made organic chocolates; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; VFC/individual managed home stay tourism
 <p>Cluster 4</p>	Bee keeping, livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture; vegetable dyes; fruits and vegetables preservation; wild mango pickles; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 <p>Cluster 5</p>	Bee keeping, VFC/panchayat FHM plantations; indoor plants and orchids; medicinal plants cultivation and processing; organic village home stay tourism; handmade paper products; palm sugar; wild mango pickles; home- made organic chocolates; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition







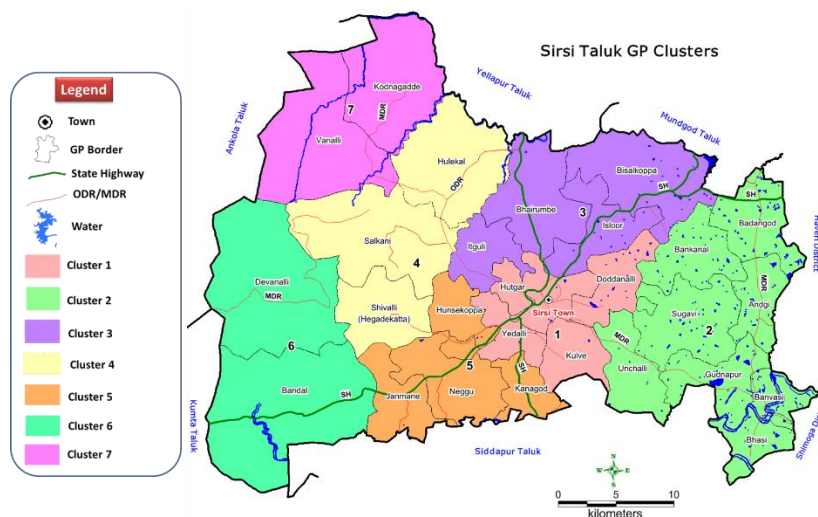
Clusters	Activities
 <p>Cluster 1</p>	Bee keeping, Fish farming, livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture; vegetable dyes; handmade paper; cloth and paper bags; sports goods making; leather products; computer training centre; weaving with palm leaves, cane and bamboo works; training in making bamboo products; Pandanus leaf products; trekking and bird watching to Sintheri Rocks and Kavala caves, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; tour operators
 <p>Cluster 2</p>	Bee keeping, organic and forest honey sales, medicinal plants cultivation and processing; VFC managed home stay tourism; wildlife tourism Anshi National park; Ulavi pilgrimage; tourist cottages in Ulavi; training in tourism management; VFC managed holiday home bamboo cottages; pickles from wild berries; Tulsi cultivation and extract; bamboo mat painting; incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 <p>Cluster 3</p>	Bee keeping, Fish farming, livestock and dairying, gobargas, VFC/panchayat FHM plantations; vegetable dyes; water-sports training; VFC managed home stay tourism in forest villages; holiday home bamboo cottages; monsoon trail to Dudhsagar Falls; aromatic plants and essential oil distillation; orchids and cut flowers; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 <p>Cluster 4</p>	Bee keeping, Fish farming, livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture; vegetable dyes; nursery for forestry and avenue trees; bamboo products; orchids and cut flowers; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; VFC/individual managed holiday homes










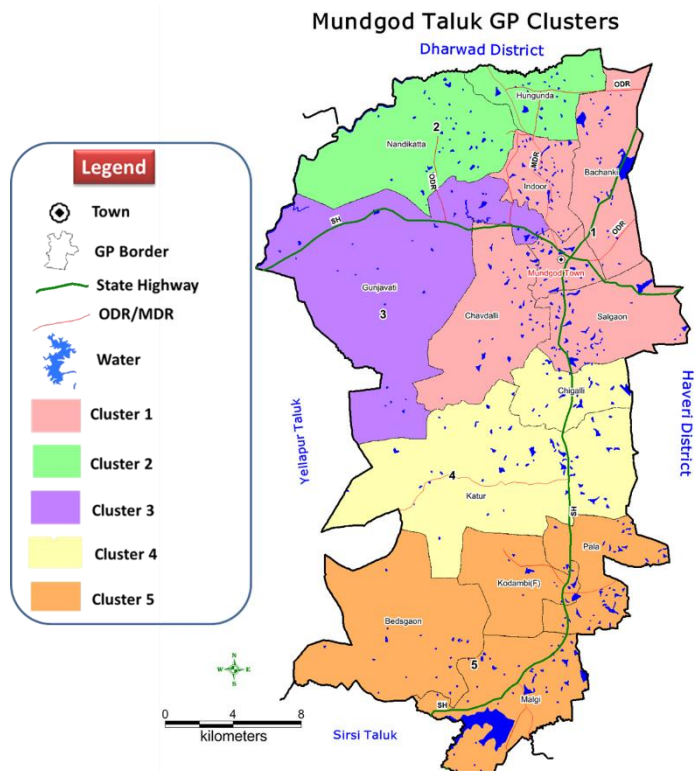
Clusters	Activities
 <p>Cluster 1</p>	Vegetable dyes; Coconut products (virgin coconut oil; purified oil; spray-dried coconut milk powder, desiccated coconut, coconut vinegar), hand-made paper; cloth and paper bags; wood carving; metal inlaid wood carving; training centre for handicrafts; jewellery development and training centre; organic lime industry; Alvekodi onion expansion and storage, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; tour operators
 <p>Cluster 2</p>	Dry fish, marine algae products; coastal home stay tourism; training in tourism management; training in making palm-bamboo cottages; training in stone carving; Pandanus leaf products; Integrated, participatory planning and management of Aghanashini estuary. Bio-shielding and turtle conservation programmes. Bivalve processing and canning. Aghanashini Biodiversity Heritage Site management; bivalve shell mining to be reviewed; sand mining to sustainable limits, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 <p>Cluster 3</p>	Vegetable dyes; home stay tourism; iodized salt, confectionery, bakery; bakery training centre for women; bee-keeping; training centre for bee-keeping; arts and handicrafts museum and trade centre; sales of organic products; certified organic eateries, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; tour operators
 <p>Cluster 4</p>	Bee keeping, VFC/panchayat FHM plantations, home for elderly; cloth and paper carry bags; mangrove study tourism, bird watching and sport fishing; estuary interpretation centre, VFC run estuarine holiday home. Fish breeding area cum mangrove conservation (VFC managed); mangrove diversity area (various mangrove species and associates to be grown); estuarine crab fattening area. Integrated, participatory planning and management of Aghanashini estuary; sand mining to sustainable limits, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; sericulture
 <p>Cluster 5</p>	Bee keeping, livestock and dairying, gobargas, VFC/panchayat FHM plantations; poultry, poultry feed, powdered eggs, vegetable dyes, kokam products, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; sericulture
 <p>Cluster 6</p>	Bee keeping, livestock and dairying, gobargas, VFC/panchayat FHM plantations, vegetable dyes, medicinal plants cultivation and processing; pickles from wild berries etc; cane and palm leaf products; VFC managed holiday home palm houses; Yana trekking and bird watching; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition








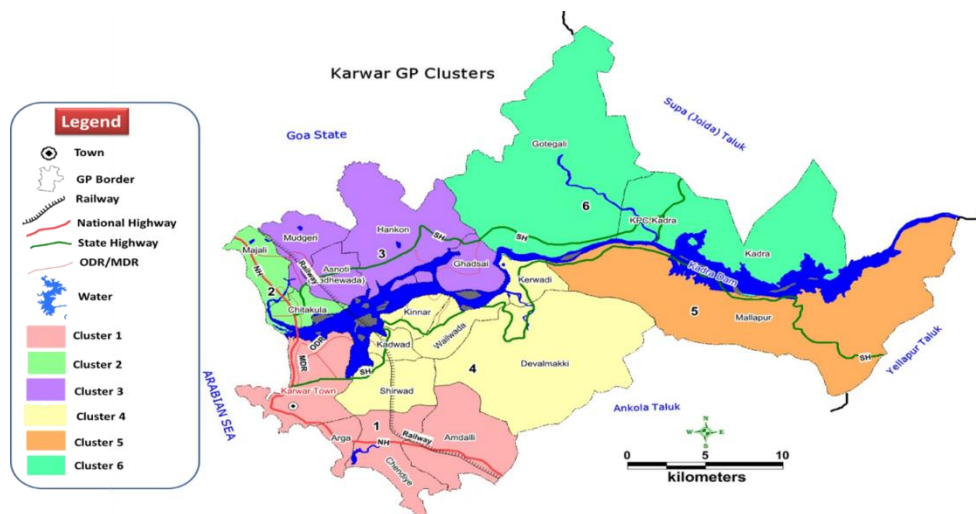
Clusters	Activities
 <p>Cluster 1</p>	Bee keeping, training centre for bee-keeping; forest honey; honey testing lab; livestock and dairying, gobargas, VFC/panchayat FHM plantations, home for elderly; handloom units; VFC/individual run home stay tourism; holiday home bamboo-palm cottages; training in making bamboo-palm cottages; Pongamia plantations and biodiesel unit, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; tour operators
 <p>Cluster 2</p>	Bee keeping, Fish farming, VFC/panchayat FHM plantations, sericulture; vegetable dyes; bamboo products; Pongamia plantations; aromatic plants and essential oil distillation, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; cloth and paper bags
 <p>Cluster 3</p>	Bee keeping, livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture; Pongamia plantations; desiccated banana, jackfruit, papaya etc. , incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 <p>Cluster 4</p>	Bee keeping and honey certification; livestock and dairying, gobargas, VFC/panchayat FHM plantations; vegetable dyes; medicinal plants cultivation & processing; home stay tourism; orchids and cut flowers; home-made organic chocolates; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition









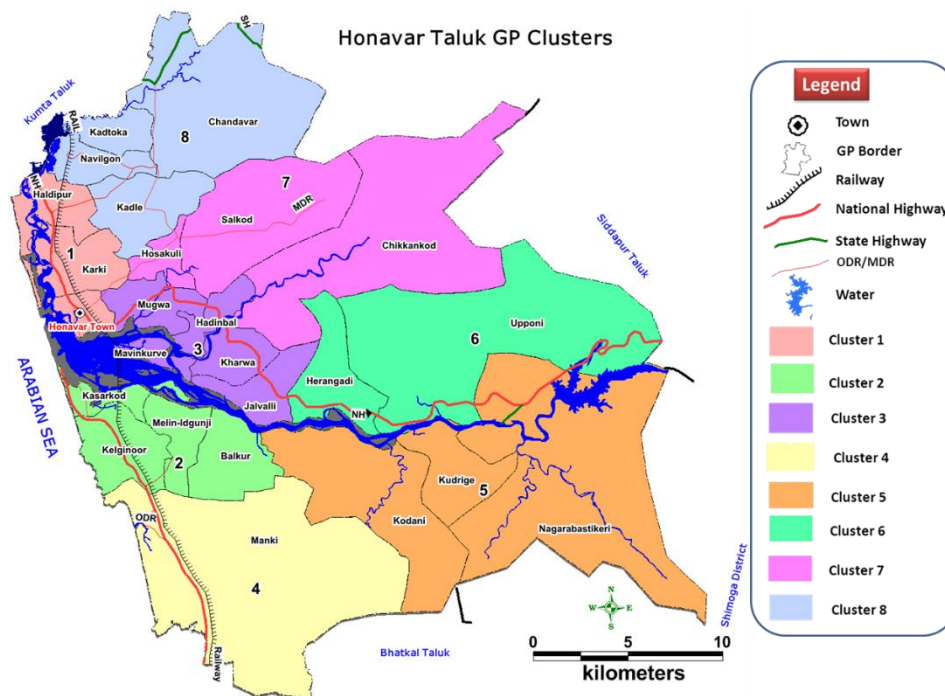
Clusters	Activities
	IT related activities, Livestock and dairying, gobargas, fish farming, home for elderly; vegetable dyes, food products; entrepreneur development institute; incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; tour operators
	Bee keeping, Fish farming, livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture; mulberry nursery; sericulture training institute; home stay tourism; hybrid seeds, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
	Bee keeping, Fish farming, livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture; hybrid seeds, incentives for rare traditional cultivars; incentives for community/private sacred groves in good condition
	Bee keeping, livestock and dairying, gobargas, VFC/panchayat FHM plantations; aromatic plants and essential oil distillation; medicinal plants and processing units; home-made organic chocolates, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
	Bee keeping, VFC/panchayat FHM plantations, incentives for rare traditional cultivars, incentives to certified organic farmers, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; cloth and paper bags
	Bee keeping, VFC/panchayat FHM plantations; vegetable dyes; medicinal plant cultivation and processing; holiday home woodland cottages; orchids and cut flowers; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
	Bee keeping, VFC/panchayat FHM plantations; vegetable dyes; orchids and cut flowers; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; areca spathe products











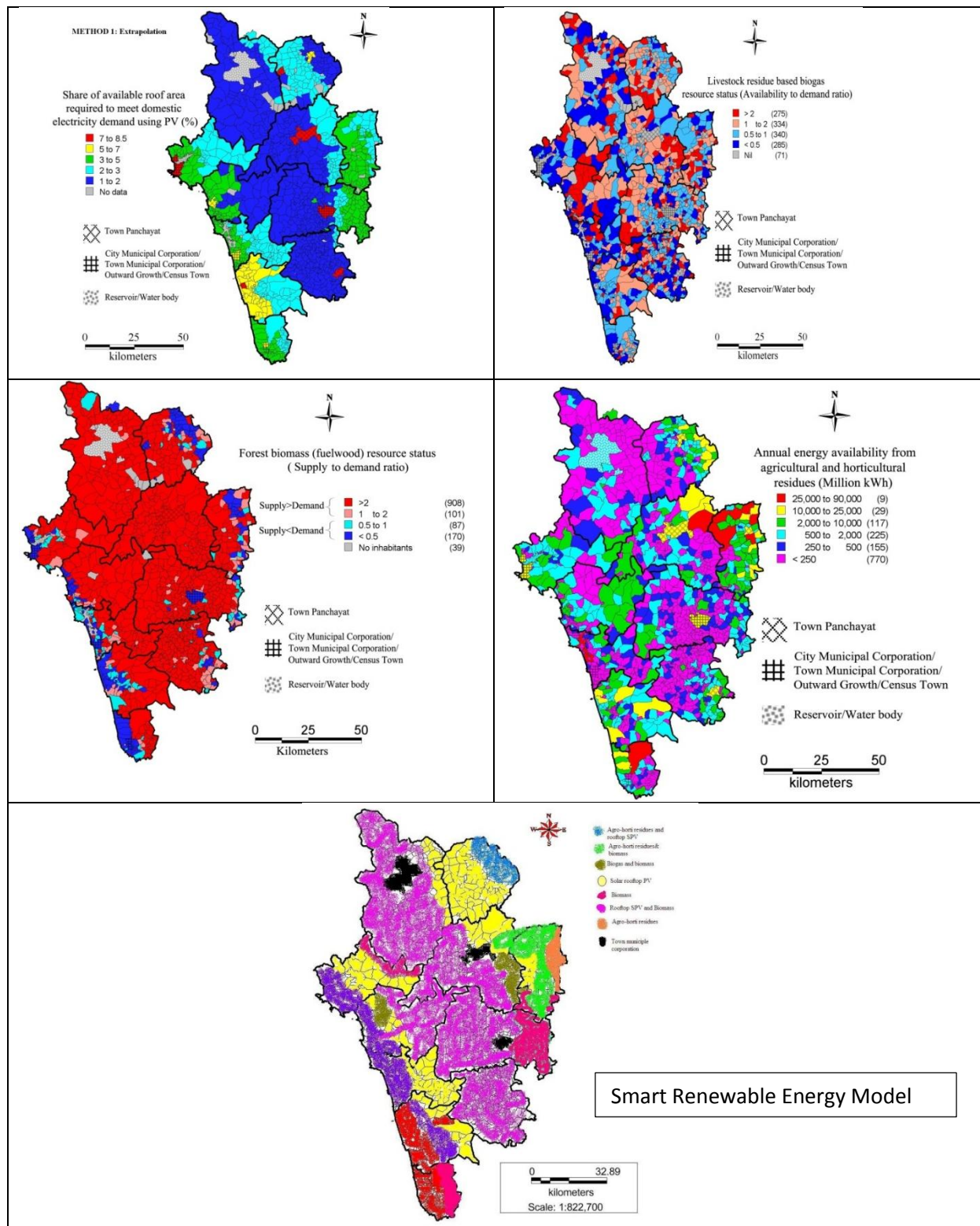
Clusters	Activities
 Cluster 1	Bee keeping, Fish farming, livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture; CFTRI based ragi products; organic tomato sauce, poultry, powdered eggs; training institute for handloom and wool weaving; mango pulp; home stay (linked to mainly Tibetan colony visits) , incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 Cluster 2	Bee keeping, Fish farming, livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture, poultry, tamarind farms and tamarind products (concentrates etc.); mango pulp, incentives to certified organic farmers; incentives for community/private sacred groves in good condition; training in making bamboo cottages
 Cluster 3	Bee keeping, Fish farming, livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture; vegetable dyes; tamarind farms and tamarind products (concentrates etc.) , incentives for rare traditional cultivars, incentives to certified organic farmers incentives to certified organic farmers; incentives for community/private sacred groves in good condition; cloth and paper bags
 Cluster 4	Bee keeping, Fish farming, livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture; vegetable dyes; mint cultivation & encapsulation; hybrid seeds, incentives for rare traditional cultivars, incentives to certified organic farmers; incentives for community/private sacred groves in good condition
 Cluster 5	Bee keeping, Fish farming, livestock and dairying, gobargas, VFC/panchayat FHM plantations, sericulture; medicinal plants cultivation & processing; hybrid seeds; hospital services, incentives for rare traditional cultivars, incentives for certified organic farmers

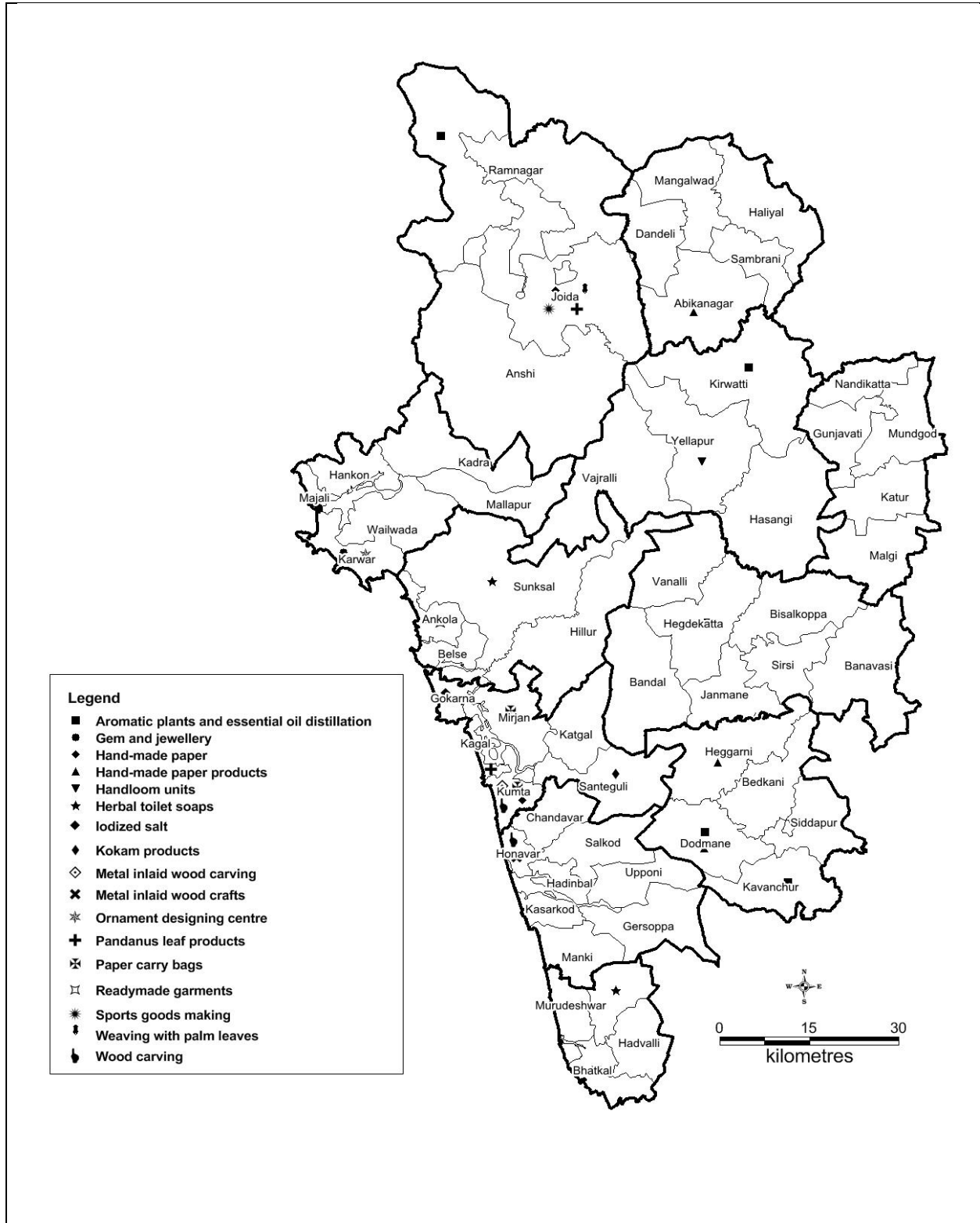


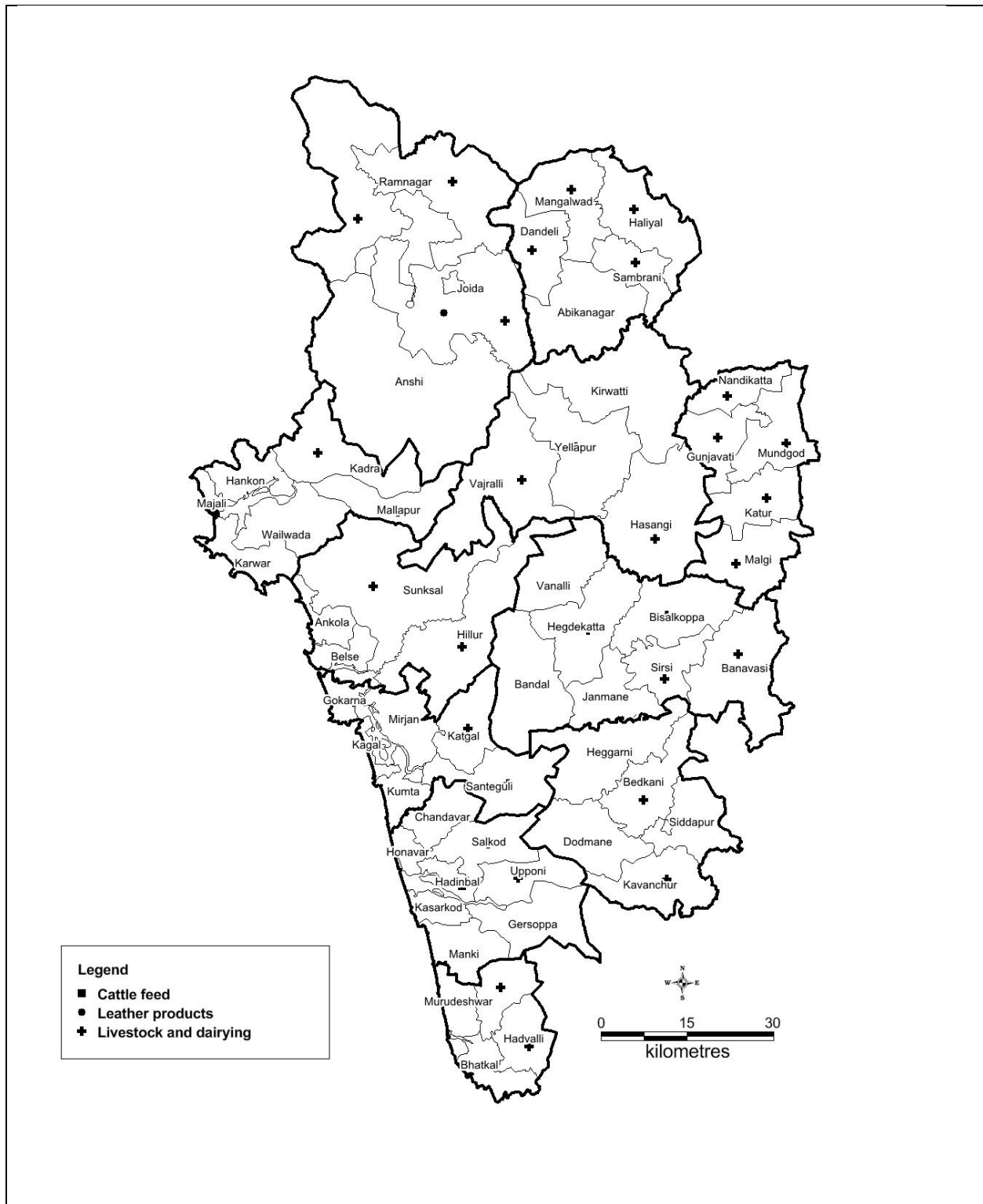
Clusters	Activities
 <p>Cluster 1</p>	IT related development; Vegetable dyes; medicinal plants cultivation & processing; gems and jewelry, ornament designing centre, Tulsi cultivation and extract; integrated participatory management of Kali estuary; tour operators
 <p>Cluster 2</p>	Dry fish; coastal home stay tourism; training in making palm cottages; medicinal plants cultivation; Noni cultivation; Tulsi cultivation and extracts; integrated participatory management of Kali estuary; cloth and paper bags; turtle conservation
 <p>Cluster 3</p>	Bee keeping, VFC/panchayat FHM plantations, home for elderly; coir products; backwater tours in native crafts; river front home stays; integrated participatory management of Kali estuary, incentives for rare traditional cultivars, incentives for certified organic farmers
 <p>Cluster 4</p>	Bee keeping, VFC/panchayat FHM plantations; medicinal plants cultivation & processing; coir products; hospital services; integrated participatory management of Kali estuary, incentives for rare traditional cultivars, incentives for certified organic farmers
 <p>Cluster 5</p>	Bee keeping, livestock and dairying, gobargas, VFC/panchayat FHM plantations; vegetable dyes, incentives for rare traditional cultivars, incentives for certified organic farmers; sericulture
 <p>Cluster 6</p>	Bee keeping, livestock and dairying, gobargas, VFC/panchayat FHM plantations; vegetable dyes, incentives for rare traditional cultivars, incentives for certified organic farmers; areca-spathe products; sericulture

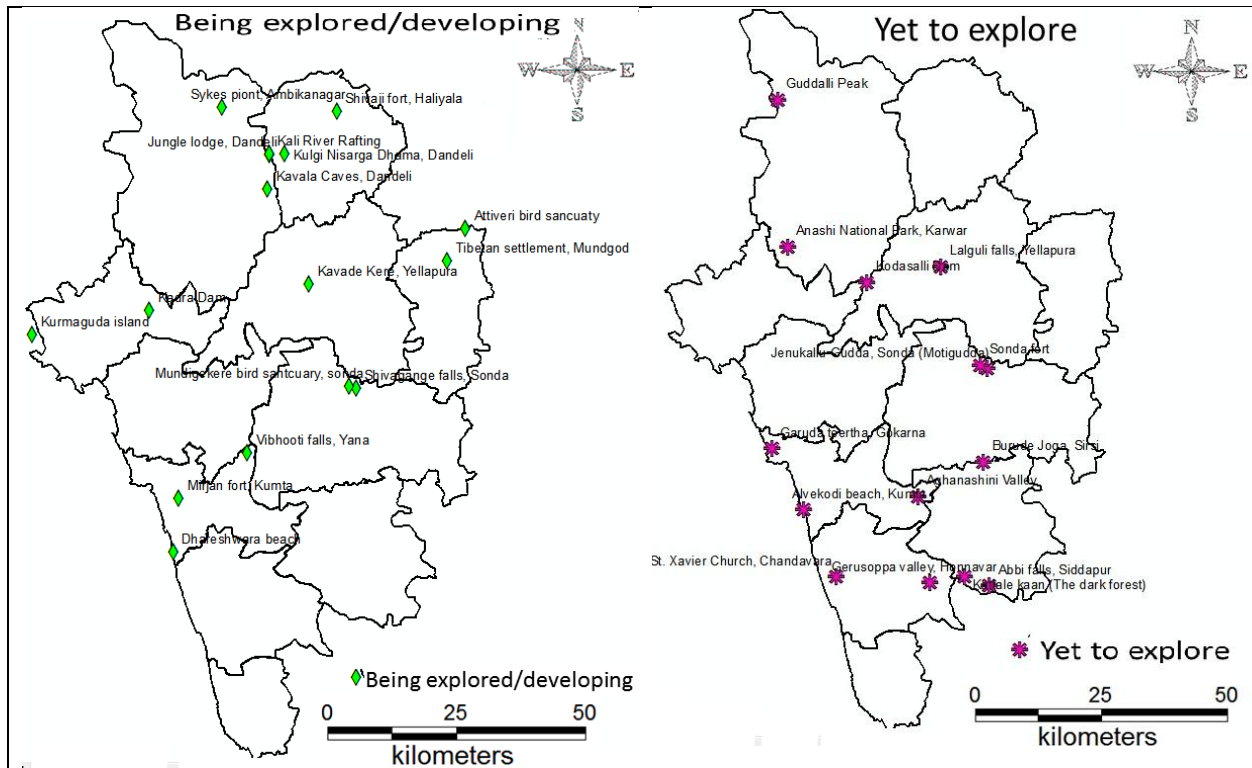


Clusters	Activities
 Cluster 1	VFC/panchayat FHM plantations; organic products certification; honey testing lab; medicinal plants cultivation & processing; organic coconut hair oil; coconut oil natural soap; Calophyllum inophyllum cultivation and biodiesel; wood carving; metal inlaid wood crafts, incentives to certified organic farmers; tour operators
 Cluster 2	Bee keeping, VFC/panchayat FHM plantations, dry fish, home stay tourism; academy for Yakshagana and performing arts; Calophyllum inophyllum cultivation, incentives for rare traditional cultivars, incentives to certified organic farmers; cloth and paper bags
 Cluster 3	Bee keeping, VFC/panchayat FHM plantations; cattle feed; coir products; training centre for coir products; backwater tours in native crafts; river front home stays, incentives for rare traditional cultivars; incentives for certified organic farmers
 Cluster 4	Coastal home stay tourism; training in making palm-bamboo cottages; Bee keeping, VFC/panchayat FHM plantations; Calophyllum inophyllum cultivation, incentives for rare traditional cultivars, incentives for certified organic farmers;
 Cluster 5	Bee keeping, VFC/panchayat FHM plantations; woodland holiday homes of bamboo and palms; trekking trail to Govardhanagiri (Kanur fort) and bird watching; hospital services, incentives for rare traditional cultivars, incentives for certified organic farmers; areca-spathe products
 Cluster 6	Bee keeping, livestock and dairying, gobargas, VFC/panchayat FHM plantations; vegetable dyes; hospital services, incentives for rare traditional cultivars, incentives to certified organic farmers
 Cluster 7	Bee keeping, livestock and dairying, gobargas, VFC/panchayat FHM plantations; vegetable dyes; cane and palm leaf products; hospital services, incentives for rare traditional cultivars, incentives for certified organic farmers
 Cluster 8	Bee keeping, VFC/panchayat FHM plantations; vegetable dyes; medicinal plants cultivation & processing, incentives for rare traditional cultivars, incentives for certified organic farmers

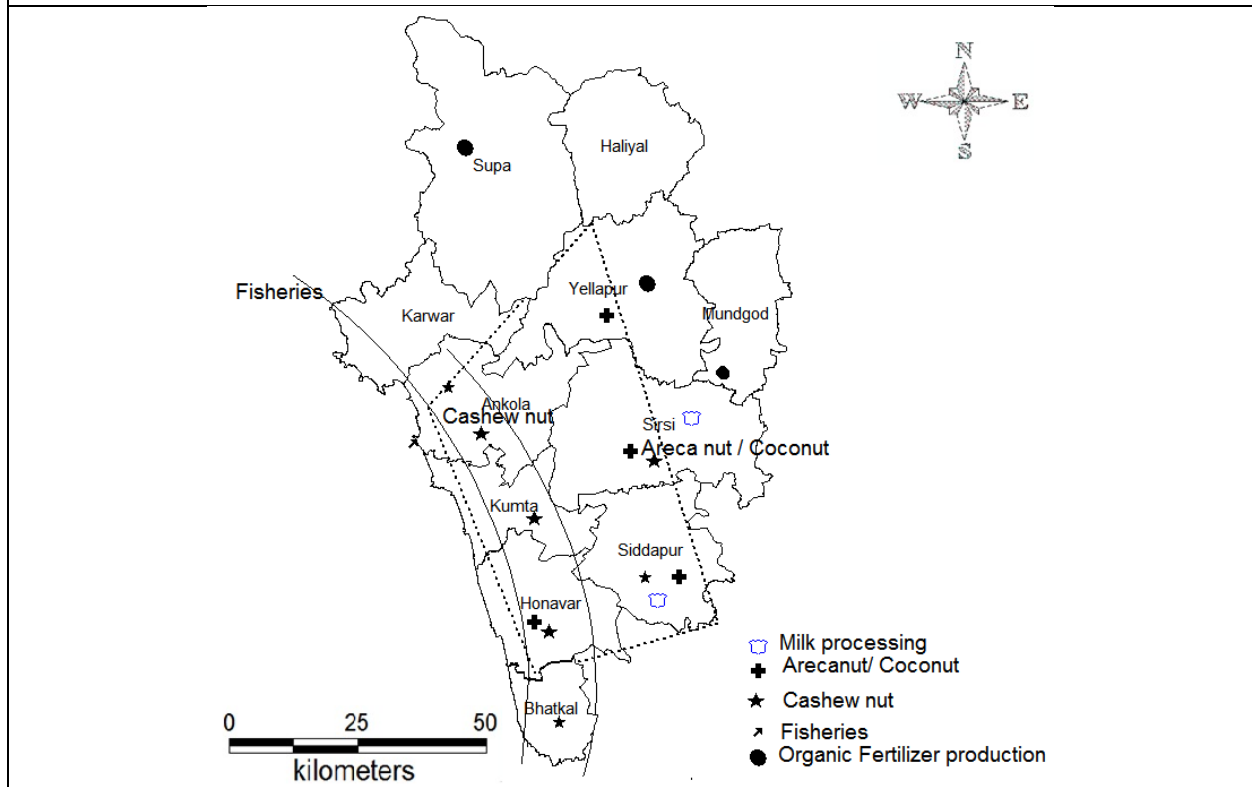




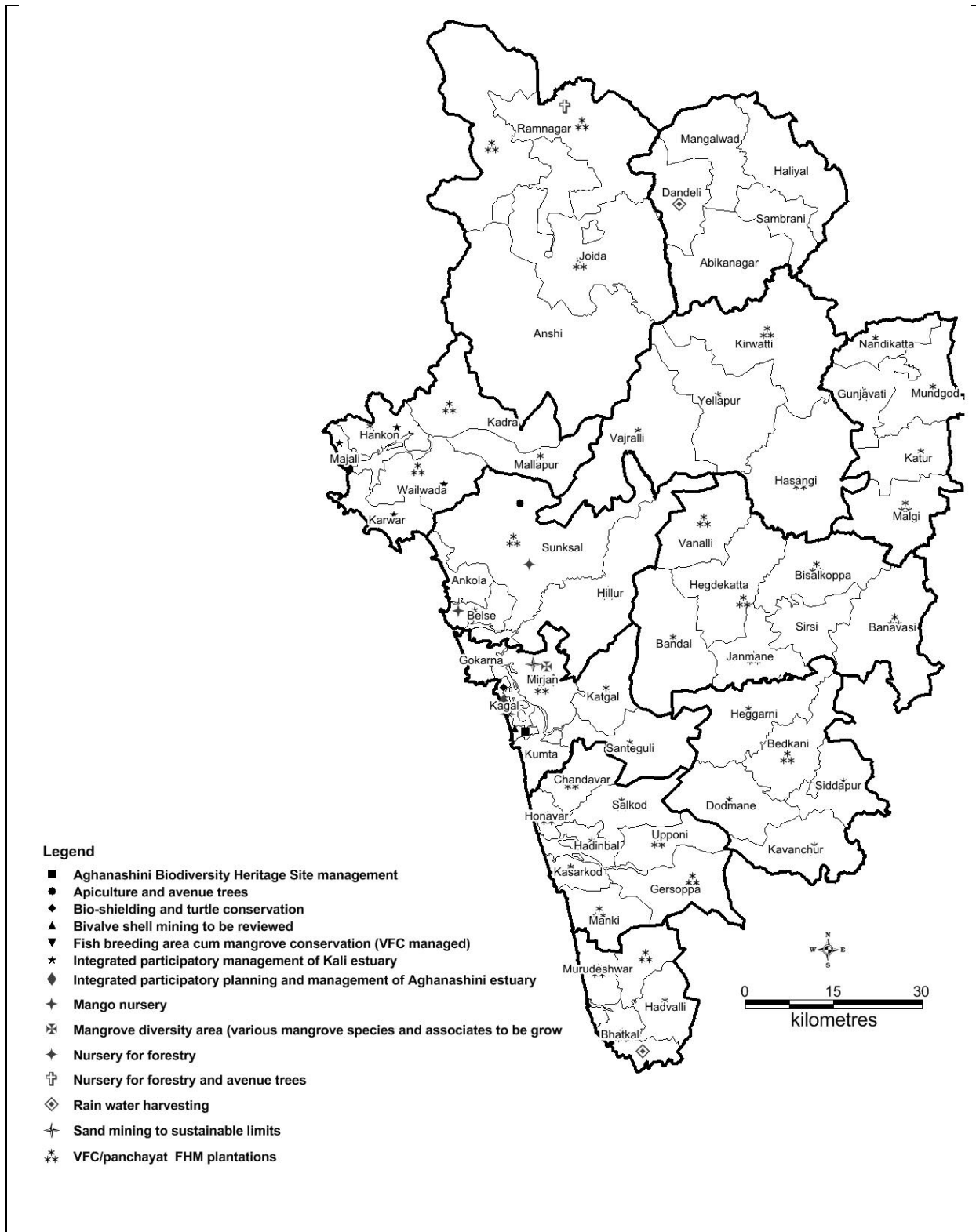




Tourism



Employment prospects in Uttara Kannada



Recommendations/Guidelines for management or improving ecologically sensitive regions:

Delineating ESR at panchayat levels helps the local administration (and Biodiversity Management Committees (BMC's) as per Biodiversity act 2002) in implementing Biodiversity act 2002 and taking up appropriate conservation and development activities to improve and maintain sustainability of natural resources. The rules promulgated under Biodiversity Act, 2002 include the provision to constitute the BMCs in each panchayat. The mandate of the BMCs is conservation, sustainable use, documentation of biodiversity and chronicling of knowledge relating to biodiversity. Environment clearance of projects requires BMC's concurrence. BMC aid the local administration to approve applications either for access to biological resources or any activities that are likely to affect the sustainability of natural resources.

Land use:

- Land use alteration should not be permitted from forest to non-forest uses or agricultural to non-agricultural in ESR 1 and 2.
- Large scale sand mining in Uttara Kannada rivers, estuaries at larger scale has affected biodiversity and nearby ground water resources. CRZ regulations do not cover activities in the river bed. The sand removal from river beds is reported to choke the respiratory passages of the bottom dwelling clams (shell-fish). Sustainable sand mining (considering the silt yield per year) and tender allotment to be through panchayat, by imposing a proper time schedule (introduce sand mining holidays) for mining and strict implementation of ban on exporting sand outside of the district.
- The mining or mineral extraction activities in the district are leading to irreversible changes. The Bisgod mines of Yellapur has already caused irreparable damage to the watershed. A large pond *Anekere* - 'elephant's pond'- (where historically elephants used to drink water) has been totally filled up with mining refuse. Moreover the tail-endings eroded the forested hill-slopes into a tributary of Kali river. Surface mining has impacted ground water resources in some places and partially buried plantations when amount of mine dump was washed down by torrential rains. Complete ban on mining in ESR 1 and 2 within 2 years and controlled mining be allowed in ESR 3 and 4 to meet only the district's requirement with appropriate regulatory mechanism.

- Commercial establishments and Special Economic Zones (SEZ) not allowed in ESR 1, 2 and 3 due to long lasting impacts of these sectors.
- From ancient times the coastal hills and plateaus of Uttara Kannada, from Ankola to Bhatkal, presented a picture of a barren and desolate terrain with sparse growth of woody vegetation. In the recent decades, these regions are used for raising monocultures of *Acacia auriculiformis* and open quarrying for brick making. During the rainy season, open lateritic (tropical sedimentary rock) areas get carpeted with tiny herbs, where billions of flowers bloom providing crucial off-season nectar resources for honey bees thus, immediate protection of these unique lateritic hills of coastal taluks as they are habitat for nectar plants during monsoon.

Forests:

- There are considerable areas of degraded forests in ESR-3, ESR-4 of Uttara Kannada, the biomass of which has to be increased substantially through protection, enrichment and co-management. This approach will increase carbon sequestration in the forest areas and mitigate climate change at locally as well as global. The forest management should aim at improving degraded patches of the deciduous forest zone in Mundgod, Haliyal and in the drier eastern parts Yellapura, Siddapur and Sirsi. These forests have ability to attain basal areas exceeding 35 sq.m/ha.
- The secondary moist deciduous forests along the coastal taluks have been in impoverished state due to high density human impacts. Bulk of such forests constituted the 'minor forests' meant for meeting the biomass needs of coastal people, including cattle grazing. Through special protection of promising forest patches using barbed wire fencing, and closing any kind of exploitation in such protected areas, natural regeneration can be promoted, for at least five year period. Thereafter these forests can be open for free movement of wildlife and more such selected blocks can be protected, using the mode of forest working plans.
- The exotic plantations in ESR-1, ESR-2 should completely phase-out within five years by planting location specific native species. Monoculture plantations lying adjacent to the water sources have to be taken on priority for enrichment through native vegetation. This programme should be integrated within the forest working plan of the respective division. Financial and

technical supports need to be provided to the department and participatory agencies during the conversion period.

- The kan forests and ‘sacred grooves (devarabanas)’ were unique cultural identities of historic period. ‘kans’ are important sources of springs and streams, a fact even acknowledged by the Government of Bombay (1923) and many are located in ESR 1 & 2. The decline of the kans are due to tree felling (eastern Sirsi and Siddapur for fuelwood), in eastern Sirsi 769 ha of kans were converted into soppinbettas or leaf manure forests, overexploitation of the products of the kans by contractors, changes in the religious beliefs related to sacred forests (Chandran and Gadgil, 1993). Community based conservation is anticipated to be most effective solution for this problem. Efforts should be made to trace them out, map and protect them. The protection of these regions should be considered as a prime requirement by involving village forest committees (VFCs) for enrichment.
- The joint forest protection and management (JFPM) has been mostly assigned highly degraded parts of the forests for management. The range of issues dealt with by the JFPM in their micro plans include fodder development, raising of NTFP (Non-timber forest products) and fuel wood yielding plantations, use of energy saving devices, encroachment problems, and various other location specific issues. This practice is providing good results in the district especially Sirsi region. So this model is needed to be replicated in all taluks with active forest department involvement.
- Non-timber forest products (NTFP) collection should be done only by VFC’s, local communities rather than contractors in ESR 2, 3 & 4. The contractor is always associated with destructive extraction of forest produce, evident from the decline of forest produce such as peppar, cinnamon, mango, etc. The exploitation by the contractor is more opportunistic and without any thought on the regenerative capacity of the exploited resources. The contract system is associated with lopping the branches of wild nutmegs –“Rampatri” (*Myristica malabarica*), “Uppage” (*Garcinia cambogea*), nellikai (*Embllica officinalis*), stripping the cinnamon trees of bark, pulling down of pepper vines, cutting the branches of trees with bee-hives and so on.
- The opening of forest canopy following excessive industrial exploitation had created ideal conditions for Eupatorium to establish itself and it rapidly took over the forest floor from past four decades. The larger, shade tolerant, evergreen tree species were replaced by smaller, sun

loving deciduous species and weedy plants like Eupatorium. The large biomass of the annual Eupatorium fuelled intense forest fires in the dry season, suppressing regeneration of trees. All these changes meant a drastic reduction in the availability of grazing for livestock. As the economic conditions of the herders deteriorated, they shifted from selling of butter, to selling of milk, and then to firewood extracted from forests. In parallel, there was substantial extraction of raw material for poly fiber and plywood industries as well, at highly subsidised rates, and at levels that were unsustainable. All of this meant far-reaching changes in the forest cover with a drastic reduction in the standing biomass of trees. So fodder depots should be maintained by forest department in connection with gram panchayat and more grass lands should be created in degraded forest patches available in ESR 3&4.

- Realizing the fact that depletion of forests of food resources and human induced vegetation changes in forests has adverse consequences on wildlife while increasing crop raids by animals enrichment of secondary forests and poor grade tree plantations with food resources for forest herbivores is highly desirable.

Agriculture:

- Farmers are to be encouraged by the Government, forest department in growing and marketing of medicinal plants and their primary products. Medicinal plants grown in forests by VFC, in home gardens or in fields, which also grow in wild, should be procured by the Forest Department. This would bring down the illegal practices associated with harvesting of medicinal plants from the forests, unauthorized exploitation by outside agencies and more importantly would better the local livelihood.
- The complete ban of pesticides, chemicals in agriculture/horticulture and monitoring is to be done by gram panchayats. The excessive use of chemicals in agriculture in the region has shown various adverse effects such as health problems to humans and domestic animals; adverse effects on soil quality (structure, porosity, soil organisms); pollution of water bodies; adverse effects on biodiversity- honey bees, butterflies, fishes, amphibians, birds, wild mammals etc.
- Excessive use of chemical fertilizers have contaminated soil and water. Need to regulate the use of chemical fertilisers and replacing with organic manure.

- Subsidies need to be provided for practicing organic farming, development of organic manure, crop rotation and raising green manure crops.
- Introduce incentive payments as conservation service charges to selected farmers for maintaining of traditional local varieties. More the local varieties of a crop, greater are the stability of agricultural sector. No genetically modified crops (GMOs) are encouraged in all ESR regions. Encourage participatory breeding programmes to improve productivity of traditional cultivators; encourage precision agricultural practices.
- Monoculture crops like rubber and banana plantations in steep slopes and heavy plowing has led to increased surface runoff along with loss of treasurable top soil. The deforestation for areca nut, coffee and cardamom plantations located at higher altitudes (Siddapur, Sirsi taluks) has contributed to drying up of hill streams and swampy areas.
- The agriculture system should be *mixed cropping* systems rather than monoculture to poly culture. The food crops and edible fruiting trees should replace existing large extent of monoculture plantations such as rubber, coffee and cardamom to integrate more indigenous crops, which are suited to the locality. This approach will fetch greater amount of benefits to farmers as well as ecosystem by reducing soil erosion, enhance productivity and improve economic returns.
- Various plant species of the district viz. Neem, Pongamia, Vitex negundo etc. are sources of bio pesticides. Promotion of such plants in private lands, VFC managed forests and betta lands can further the cause of organic farming in the district while also earning extra income to the locals from production of marketable, homemade bio pesticide formulations, under an assisted programme from the Government. Forest department nurseries should provide saplings to interested groups by engaging nearby village unemployed women.

Fisheries:

- Absence of participatory management in fisheries sector is observed in the district. The present management of coastal and marine fisheries almost totally ignores the vast store of traditional knowledge among the fishing communities. The encouragement should be prompted to traditional fisherman and discourage mechanical boat usage by regulating licensing of fishing.

The restrictions on fishing in specified areas such as breeding sites, and ban on monsoon fishing, should be implemented by more community participation.

- Establishment of fish sanctuaries in all the rivers and estuarine regions of district should be taken with local fisherman involvement and strengthen awareness programmes to ensure the sustainability and survival of fish resources.
- Information and maps regarding migration, breeding and spawning grounds of threatened fishes should be generated through extensive surveys and analysis. Such database is essential for both ex situ and in situ conservation of the endemic fish species of the district.
- Regulating the shell and sand mining in the river/estuarine regions will have positive impact on the diversity and distribution of fishes, edible bivalves.
- Maintenance of physico-chemical properties of rivers need to be considered with the help of school/college students so that they can continue to be centers of diversity and productivity meeting the food and livelihood needs of thousands of families while also performing the vital ecological functions.

Hydrology:

- River and stream bank forests, including inland swamp area forests are to be considered as endangered ecosystems for various reasons, including for their high accumulation of biomass and higher levels of carbon sequestration. Forest range wise river-stream-swamp protection action plans, incorporating adequate amount of inviolate vegetation growth for protection of ecology of these vital water courses along with their rare and endemic species is critical. The maps and action plans prepared for special protection of the riparian vegetation should be made available to all beats of forest divisions.
- The widespread vegetational changes, forest fragmentation is observed. Blocking of the rivers by building dams has enormously affected the input of organic litter from the forests into the coastal estuaries and the sea. They can heavily modify the magnitude (amount) of water flowing downstream, change the timing, frequency and duration of high and low flows. This has created loss in terms of production of fish and other economically important marine and estuarine organisms, loss of revenue to the State, financial losses to banks from poor recovery of fishing

loans, and adverse effects on the fishing communities of coastal Uttara Kannada. So, further construction of dams and hydroelectric projects (Macro/mini/micro) should not be allowed in ESR-1 and 2. In ESR-3 the allotment should be considered only by more public requirements.

- Drinking water scarcity is on the rise in river bank panchayats of district in spite of being close to the river courses. The major amount is spent for providing drinking water in panchayats on river banks. The watershed based management plans afforestation, eco-restoration of catchments, rainwater recharging and harvesting, storm water drainage; water auditing, recycling and reuse etc. should be built into the plans by local self- government level management plans. These water management plans should integrate into basin level management plans.
- Panchayats should get river management funds that can be utilised for activities related to improve river health by riparian vegetation, watershed management programmes and not for construction or other developmental activities in the basin.
- The release of effluents in the Kali river rendering its water unfit for use by villagers and their cattle, and also resulted in fish kills. The release of untreated sewage from Dharwad district showing major impact on Bedthi river. Stringent waste management (solid & liquid) policies as per the water pollution act and also municipapl solid waste management rule 2000 are to be implemented to reduce the effect on riverine ecosystem.

Public participation:

- Greater interaction with local community, forest dwellers and involving them at all stages of planning and implementation of forestry programmes run by the Department, and supporting their own planning and implementation of community-based forestry programmes will ensure their resourceful economic and social development. This approach will lead to sustainable environment, protracted natural resource availability and holistic development of region.
- Environmental education can play a vital role in this effort by preparing well sensitised responsible citizenry, with a good understanding of various forces operating in the environment and their consequences. Local educational and research institutions should be encouraged to take up documentation of traditional practices, study of local and global demands of forest

products, research projects to help forest department for enrich local ecology and farmers to shift from non-organic methods to organic farming.

- Energy efficient stoves, biogas, solar devices, use of agricultural wastes etc. are to be promoted as fuel in rural areas by creating awareness through schools and panchayats. Energy plantations raised on degraded lands providing right to public will help in improving the ecological status of the region, provide biomass feedstock for rural bioenergy programmes and also help in meeting fuel wood demand.

7.0 Conclusion:

Landscape changes are driven by the interaction of ecological, geographical, economic, and social factors. Changes in the structure of the landscape has altered its functional abilities such as nutrient cycling, water availability, etc. Ecologically Sensitive Regions (ESRs) are the 'ecological units' that may be easily affected or harmed. It is a bio-climatic unit (as demarcated by entire landscapes) wherein human impacts have locally caused irreversible changes in the structure of biological communities (as evident in number/ composition of species and their relative abundances) and their natural habitats' (Section 3 of the Environment (Protection) Act 1986 (EPA)). This approach of conservation or ecological planning considers spatially both ecological and social dimensions of environmental variables. Ecological sensitive regions with exceptional biotic and abiotic elements are being degraded or lost as a result of unplanned developmental activities. Landscapes sustainability as a basic goal for development requires comprehensive picture of the biophysical and socio-cultural information of a region and this approach provides an opportunities and constraints for decision-making and sustainable management of natural resources. Conservation by prioritisation of sensitive regions has been widely used to improve ecosystem by conservations practices. Uttara Kannada district was divided in to 5'x5' equal area grids (168) covering approximately 9x9 km². Grids are ranked based on an aggregate weightage metric score considering the information related to spatial extent of forest cover, extent of interior forests, occurrence of endemic flora and fauna, presence of conservation reserves, standing biomass, annual increment of biomass, geo-climatic parameters (slope, altitude, rainfall), estuarine diversity

and productivity and presence of forest dwelling communities. Grids were ranked depending on the aggregate score of attributes (biological, Geo climatic, Social, etc.) as ESR1 (Regions of highest sensitivity or Ecologically Sensitive Region 1), ESR2 (Regions of higher sensitivity), ESR3 (Regions of high sensitivity) and ESR4 (Regions of moderate sensitivity).

Ecological sensitive regions (ESR) at panchayat level / disaggregated level suitable for local level planning (implementation of Biodiversity act, 2002) were delineated by overlaying spatial layer of panachayath. Uttara Kannada has 209 panchayats with the enactment of the 73rd Constitutional Amendment Act to strengthen the grassroots democratic processes. Among these, 102 panchayats are in ESR 1, while ESR 2 has 37 panchayat, ESR 3 has 33 and ESR 4 has 37 panchayats. ESR 1 and ESR 2 are most ecologically sensitive regions of the district. The degradation of these areas will have irreversible impact on the ecology, biodiversity and sustence of natural resources. Regions under ESR 1 and 2 are “*no go area*” for any developmental activities involving large scale land cover changes. ESR 2 have ecosensitiveness similar to ESR 1, and has scope to attain the status of ESR 1 with eco-restoration measures (as some pockets are degraded). ESR 4 are regions of moderate sensitivity, wherein sectors such as agro processing, information technology (IT), and such environment friendly sectors be permitted.

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LAND

Figure 5.1: Forest cover of Uttara Kannada district

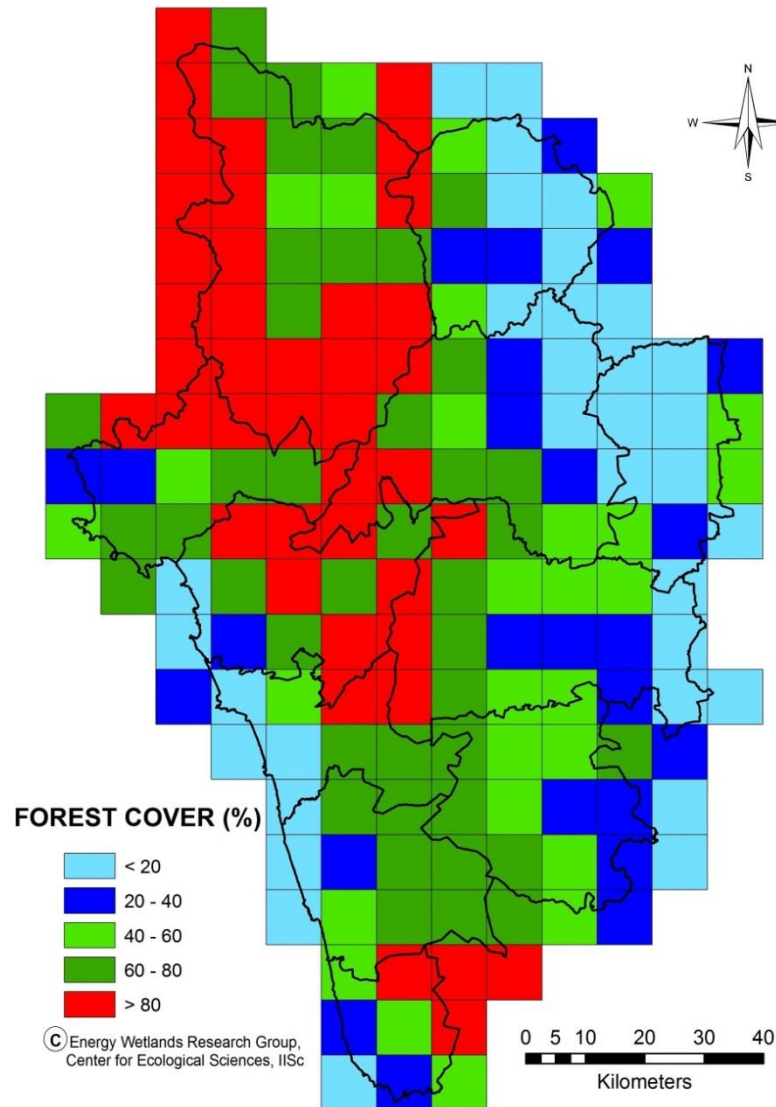


Figure 5.2: Forest cover weight / rank

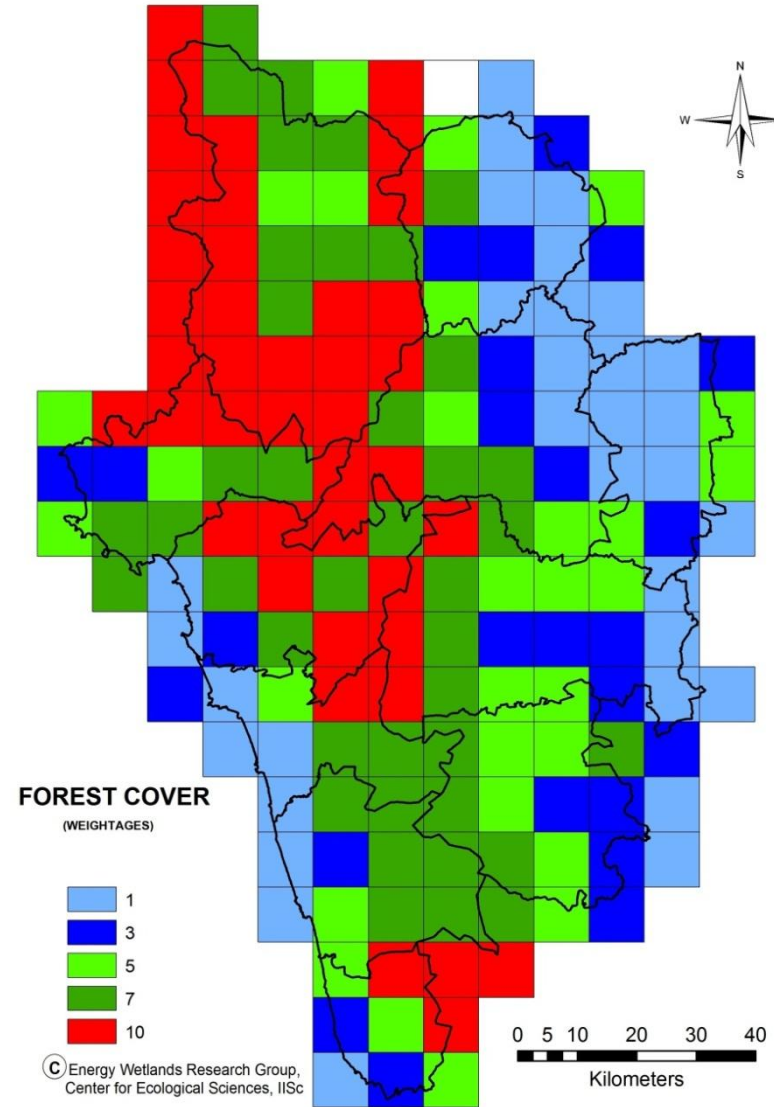


Figure 6.1: Interior forest coverage of Uttara Kannada district

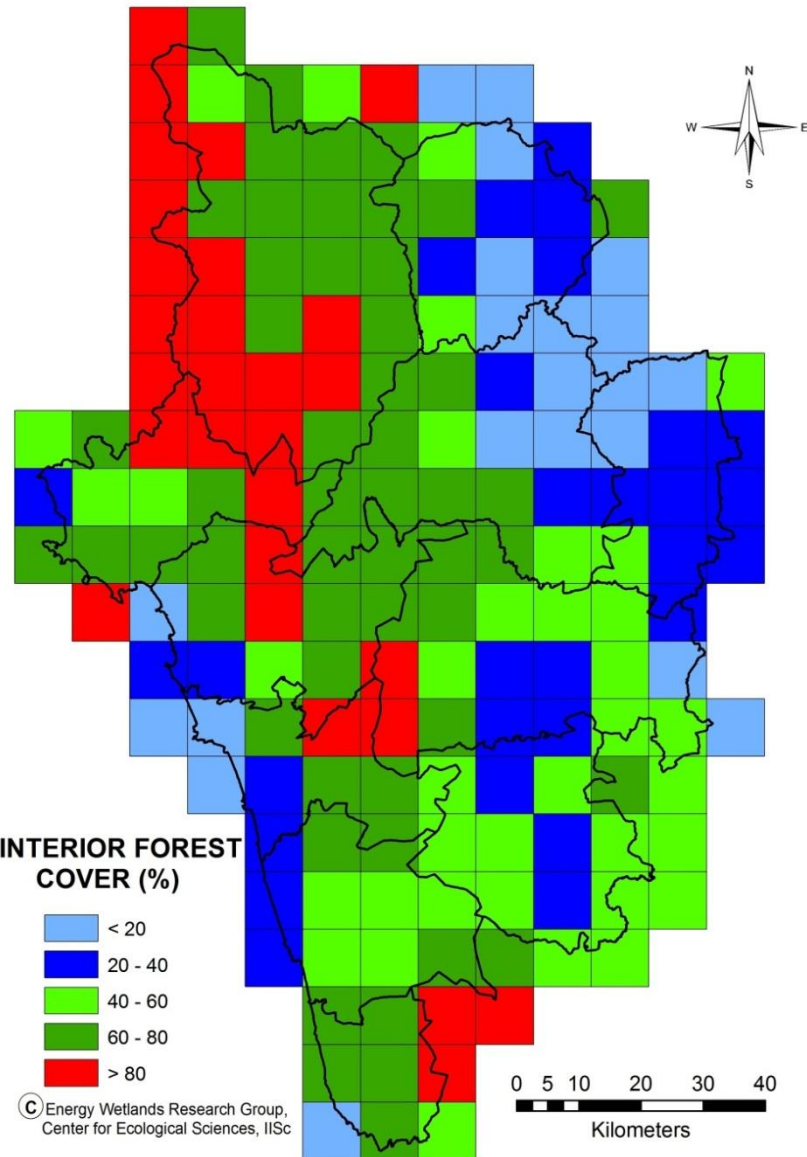
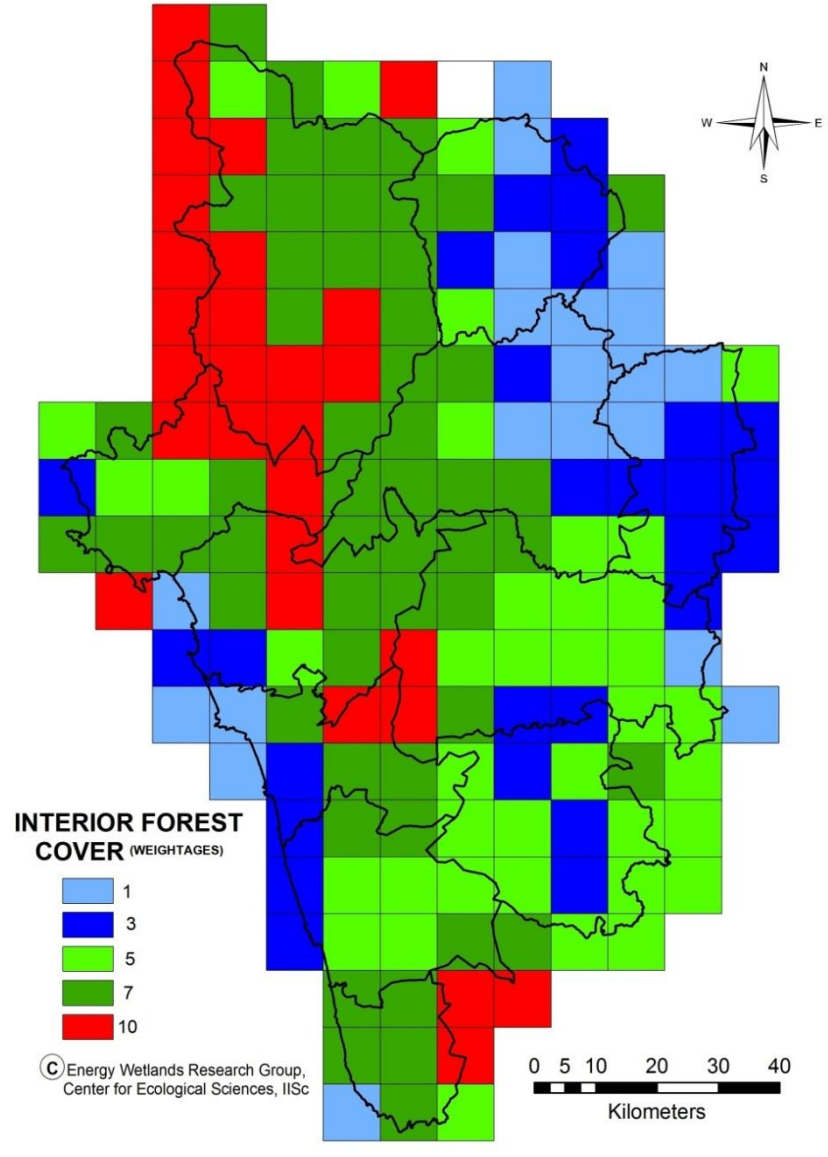


Figure 6.2: Interior forest weight / rank



Ecology

Figure 7.1: Floral diversity of Uttara Kannada

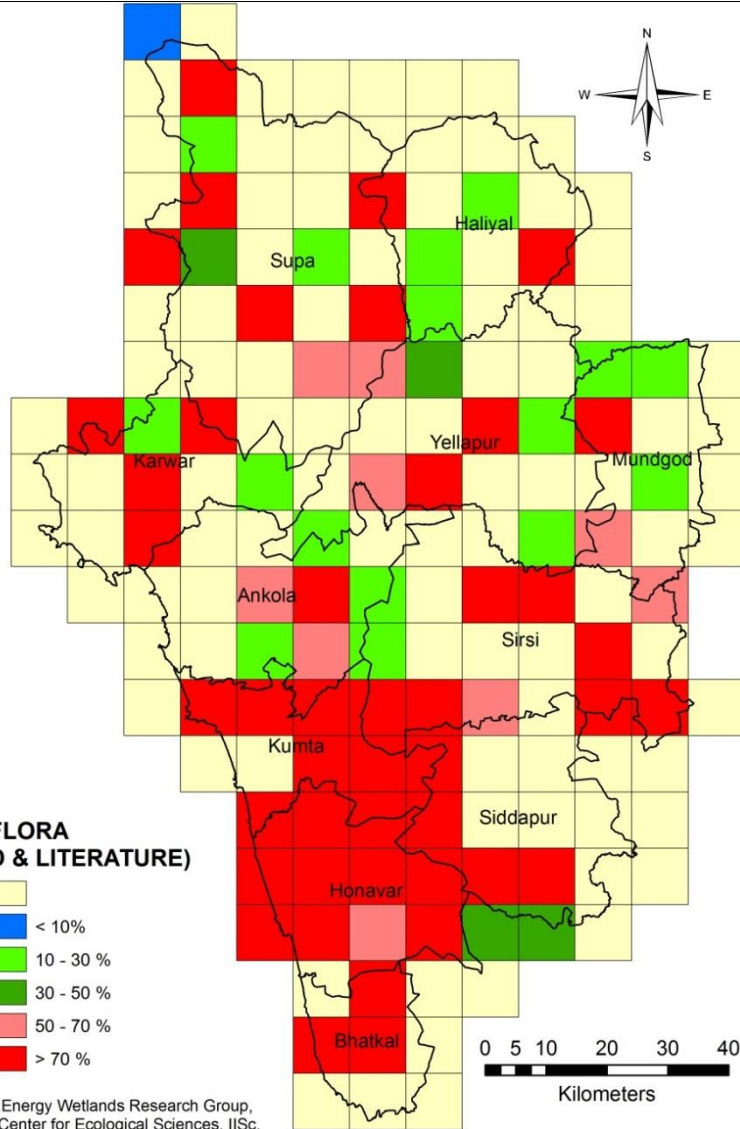


Figure 7.2: flora weight / rank

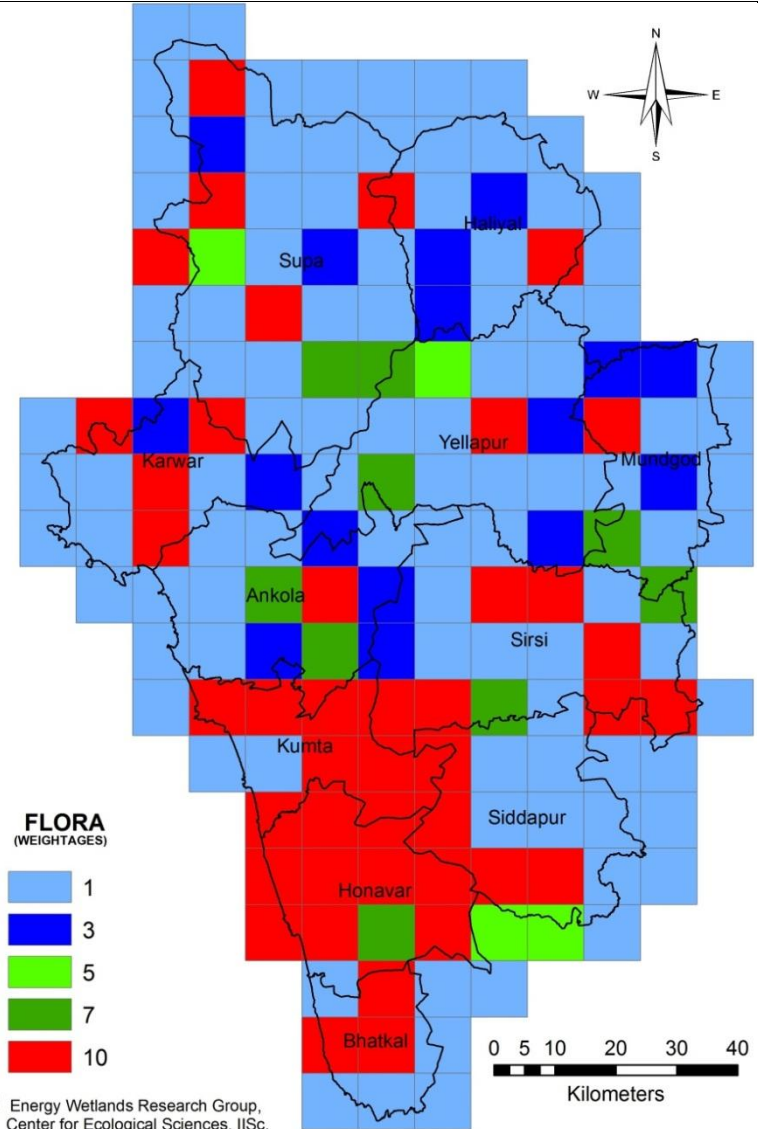


Figure 8.1: Faunal diversity of Uttara Kannada

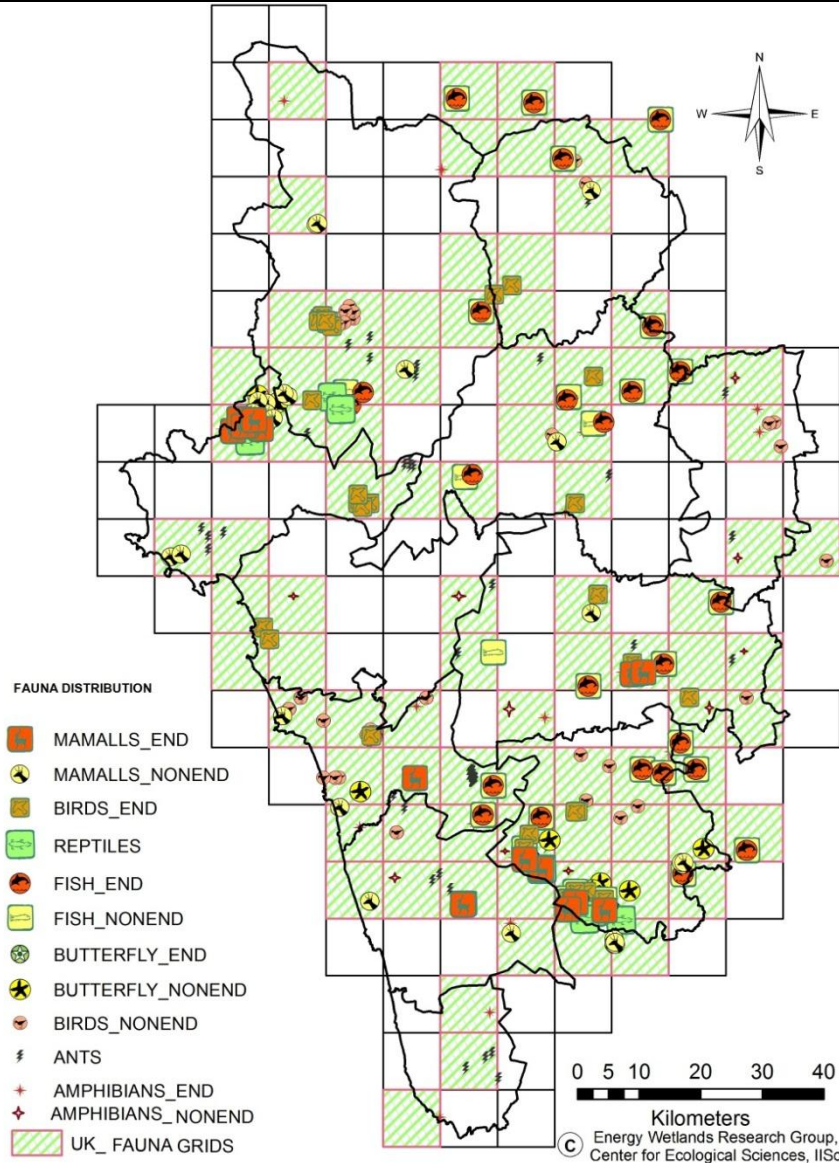


Figure 8.2: fauna weight / rank

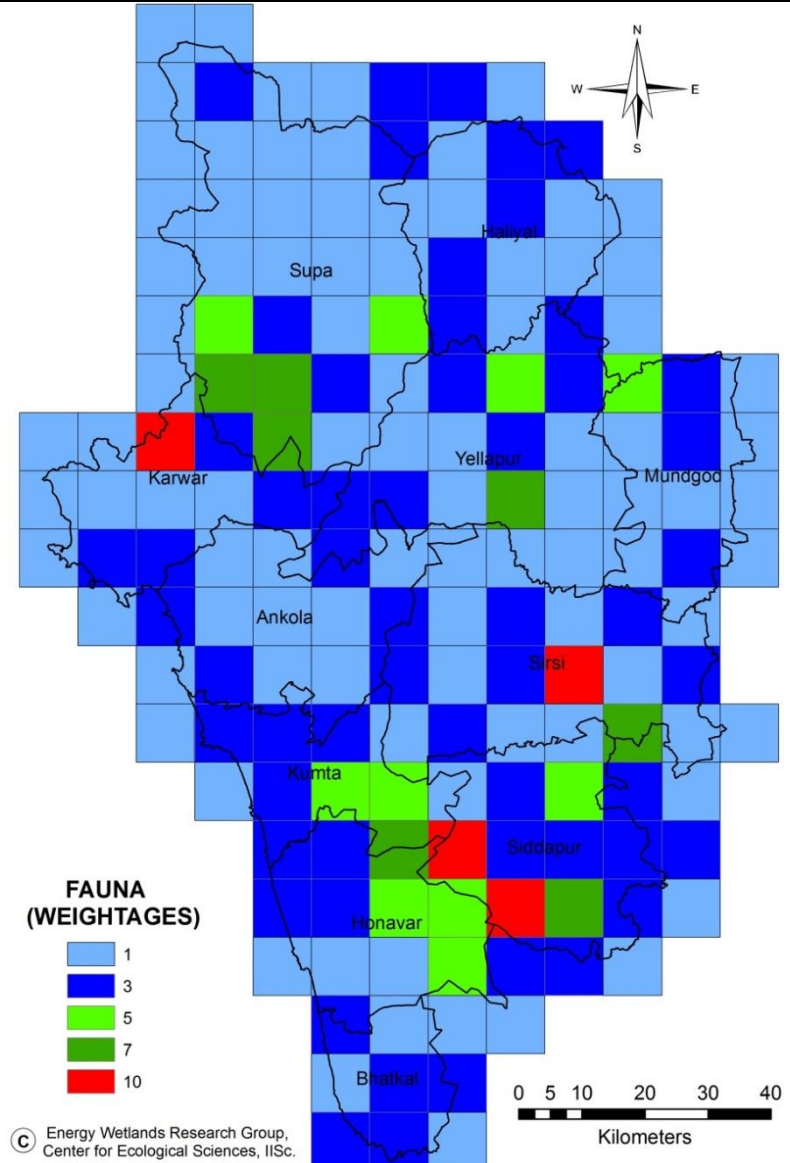


Figure 9.1: Biomass of forests in Uttara Kannada

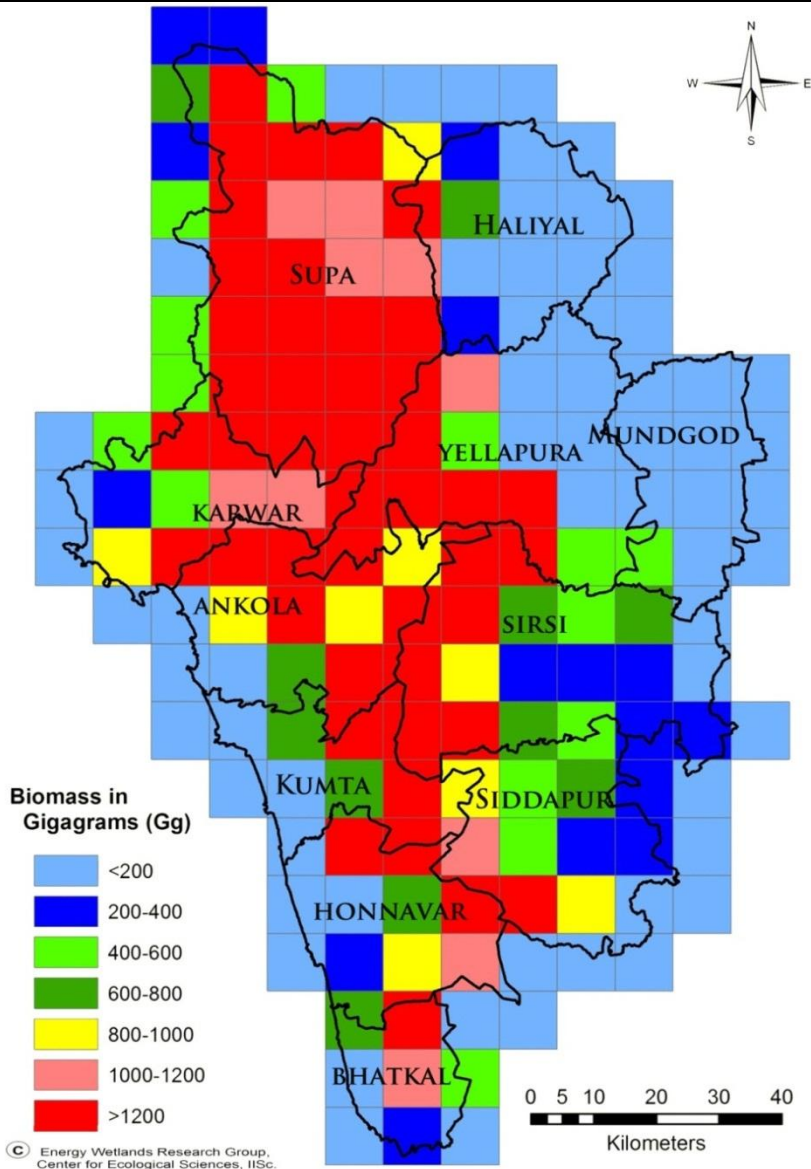


Figure 9.2: Biomass weight / rank

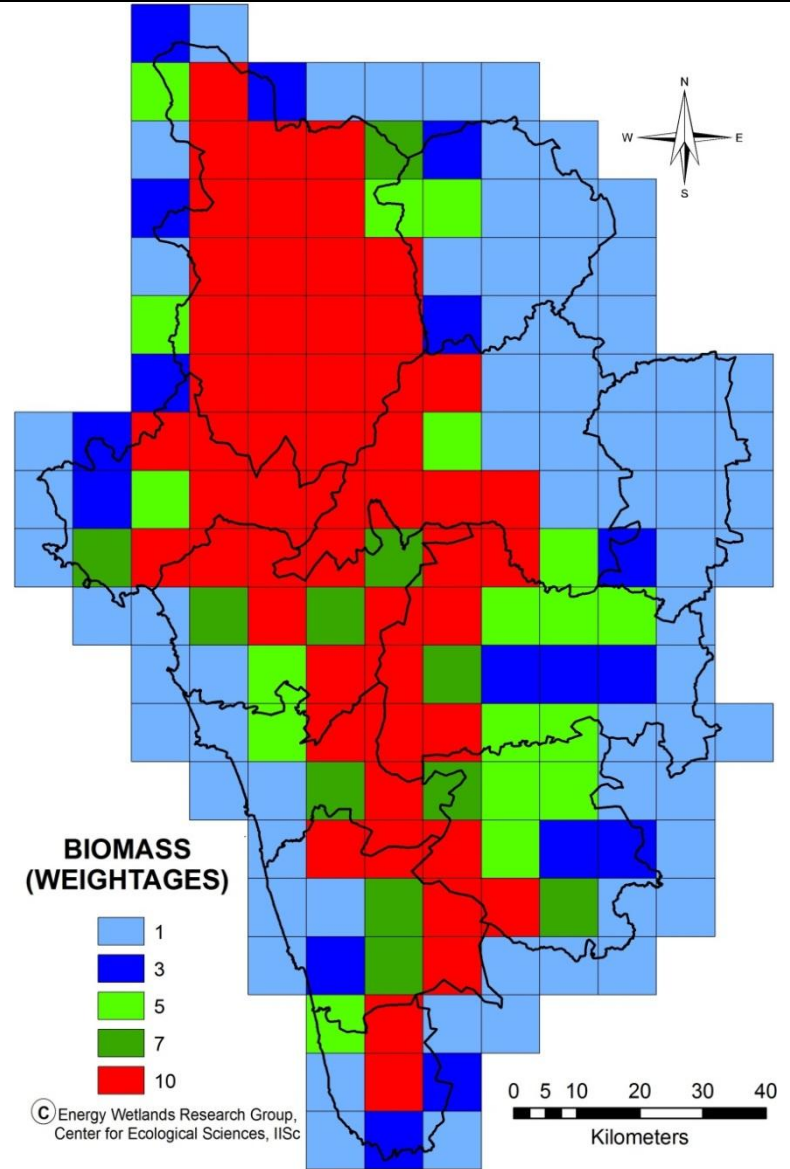


Figure 10.1: Tree diversity - Shannon diversity

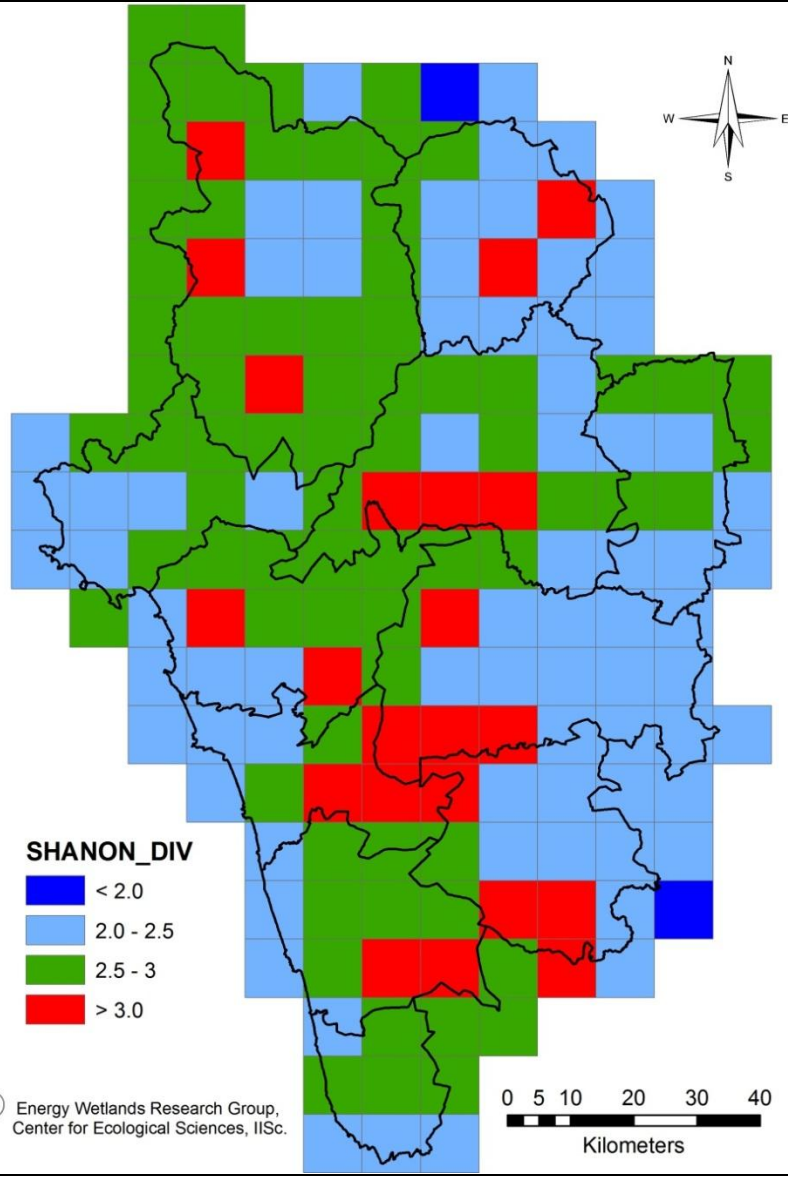


Figure 10.2: tree diversity weight / rank

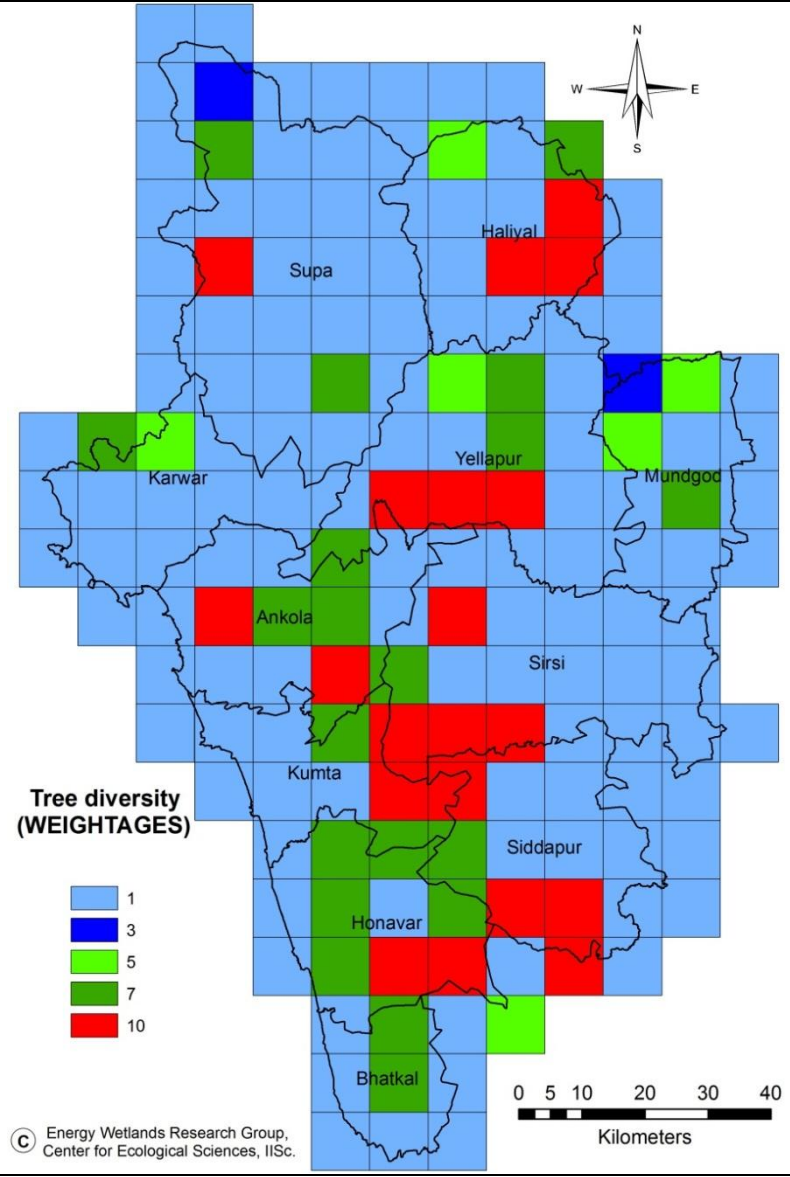


Figure 11.1: Conservation reserves (CR) in Uttara Kannada

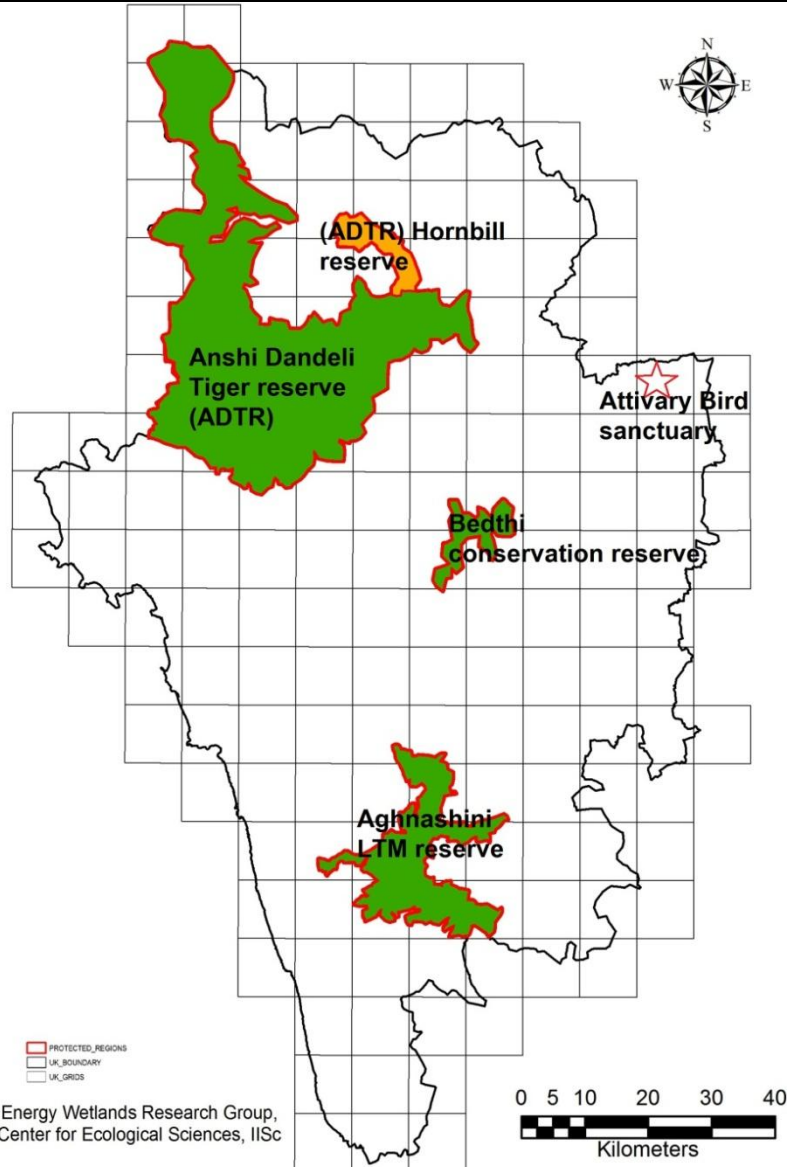
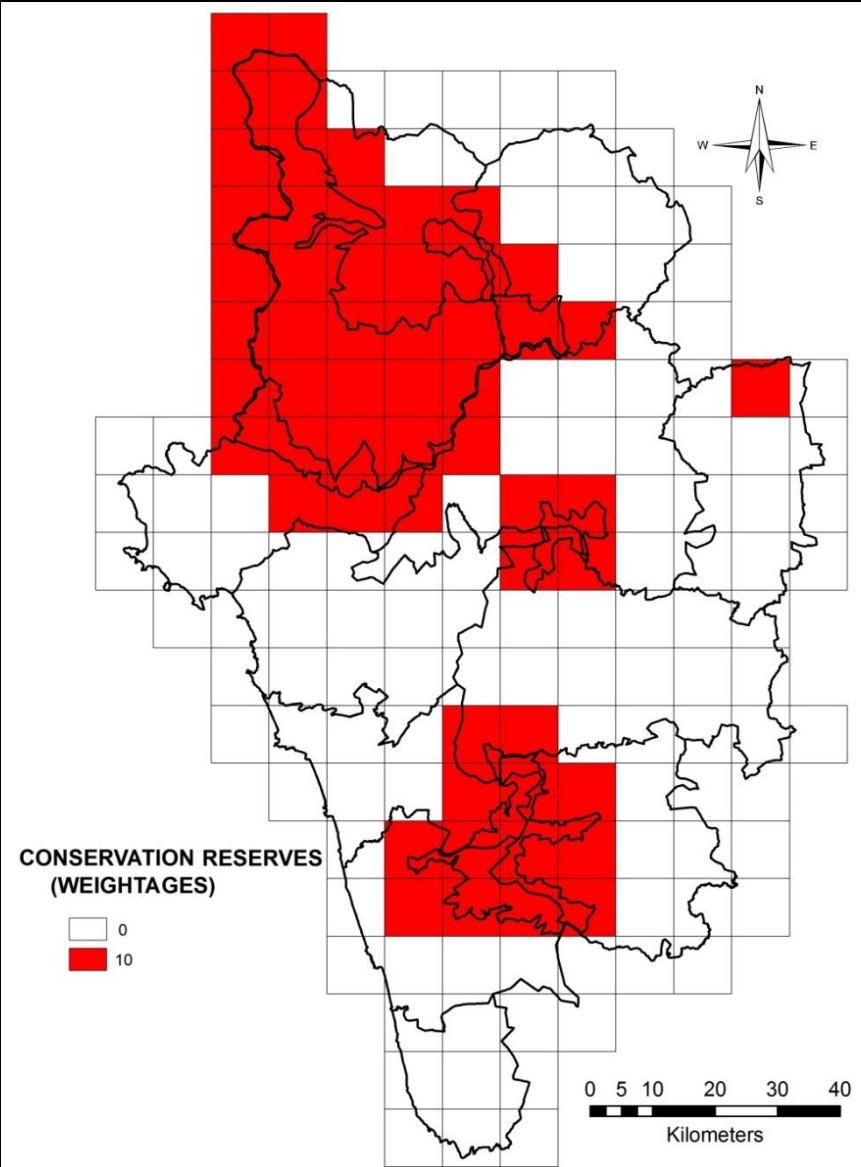


Figure 11.2: CR weight / rank



Geo-Climatic

Figure 12.1: Altitude (m) of Uttara Kannada

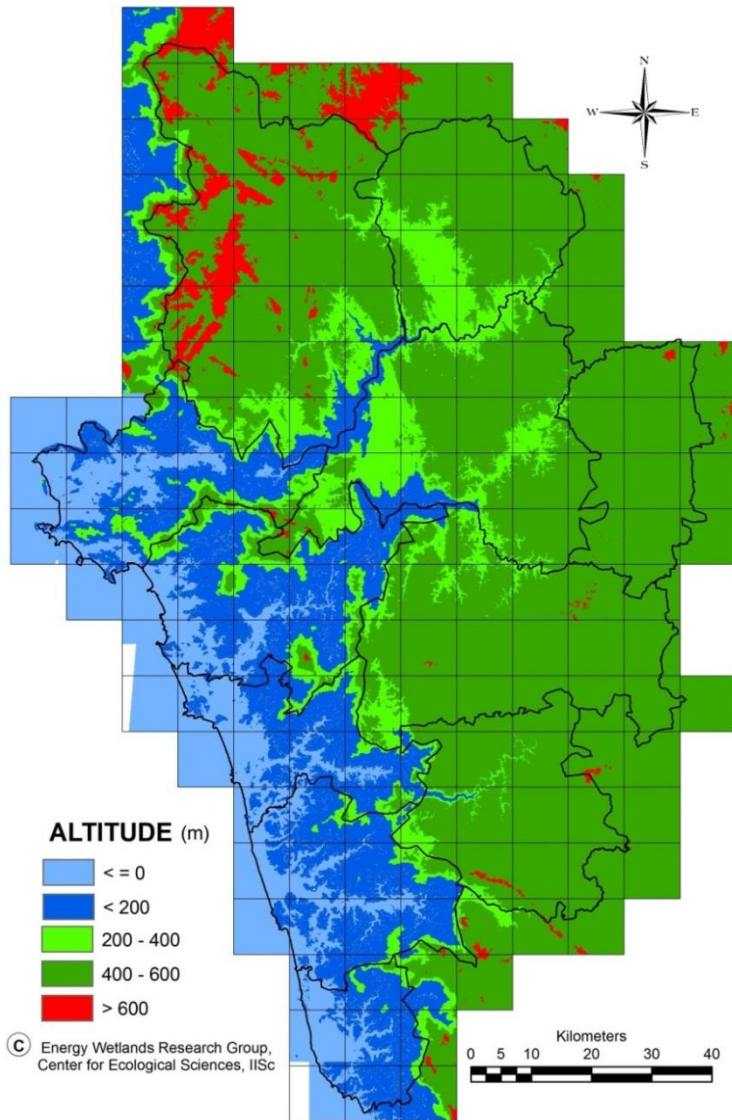


Figure 12.2: Altitude weight / rank

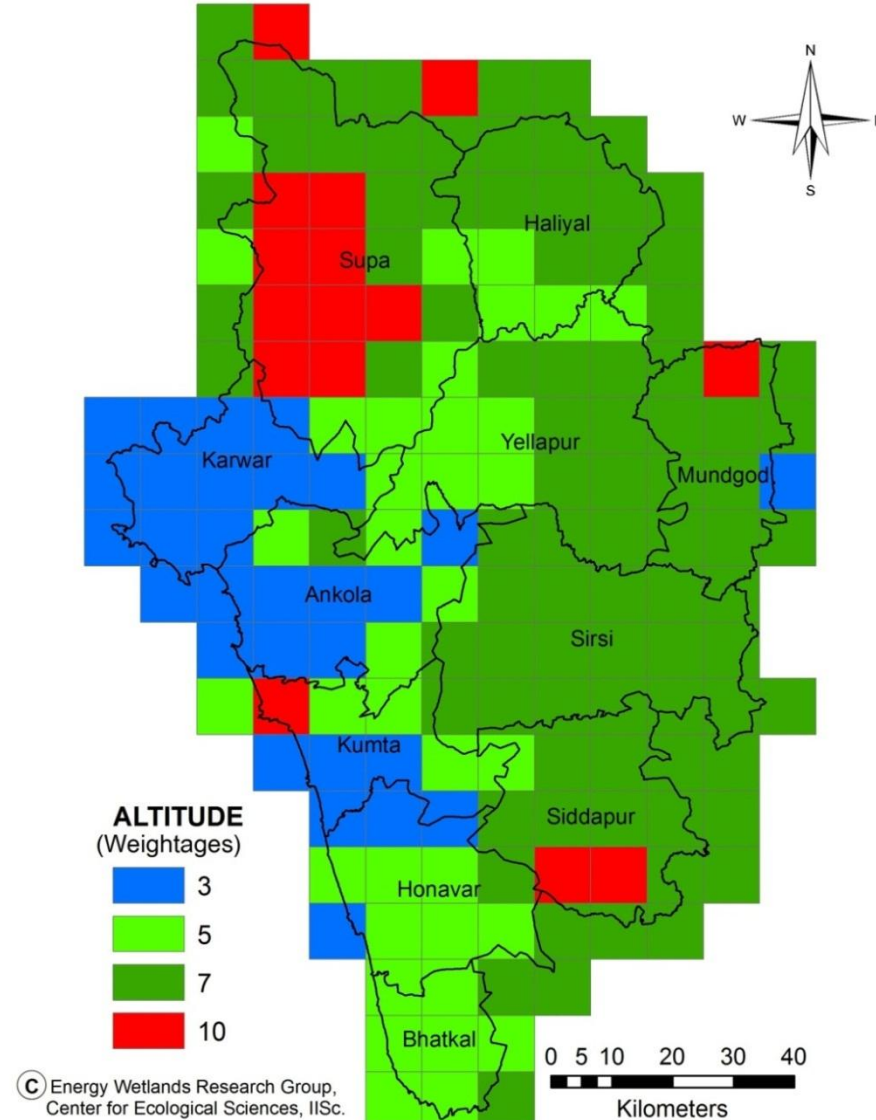


Figure 13.1: Slope (%) map of Uttara Kannada

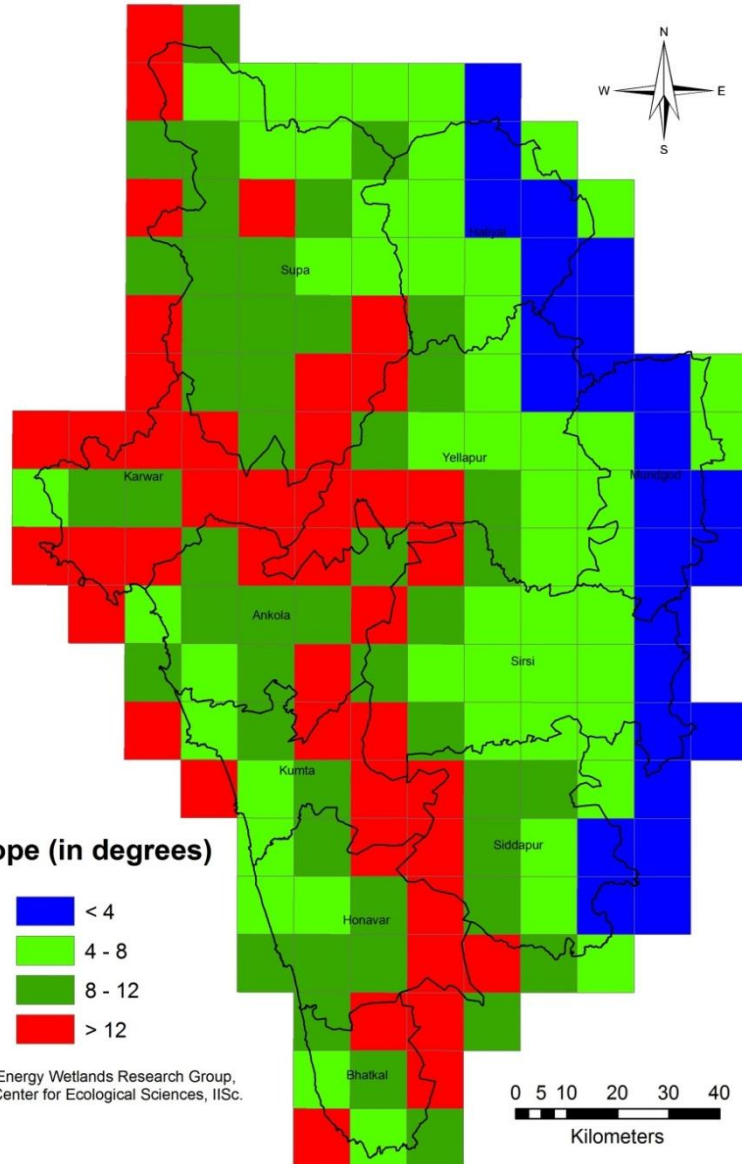


Figure 13.2: Slope weight / rank

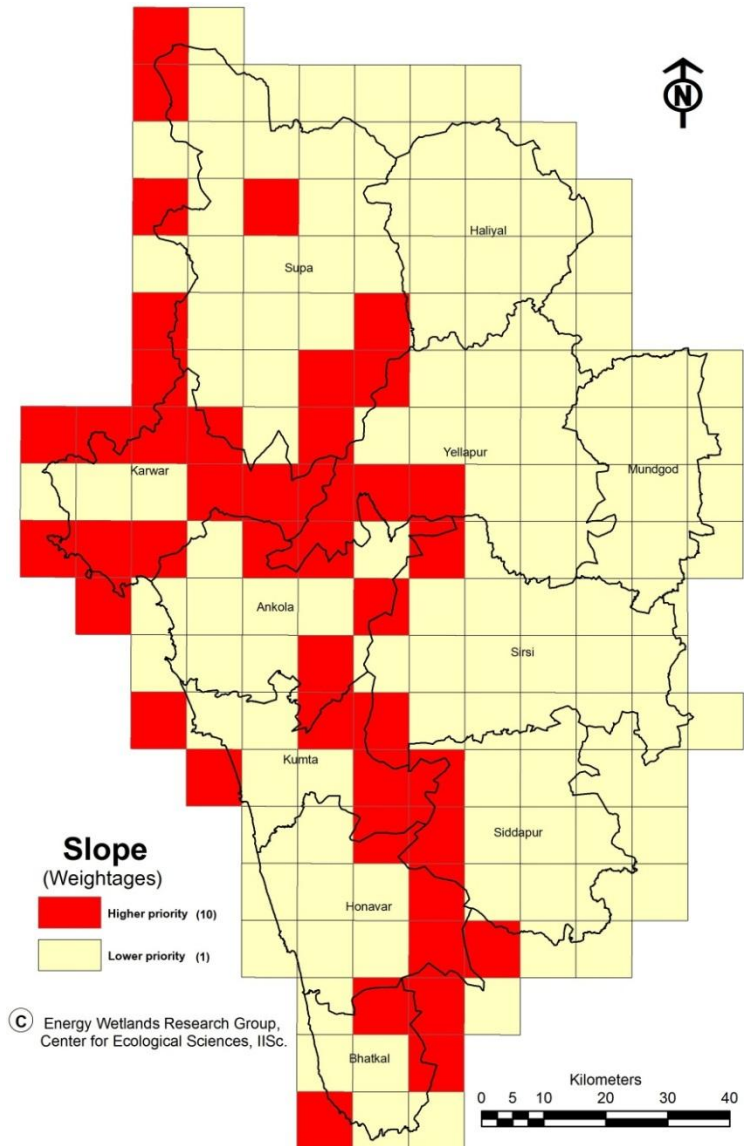


Figure 14.1: Annual rainfall in Uttara Kannada

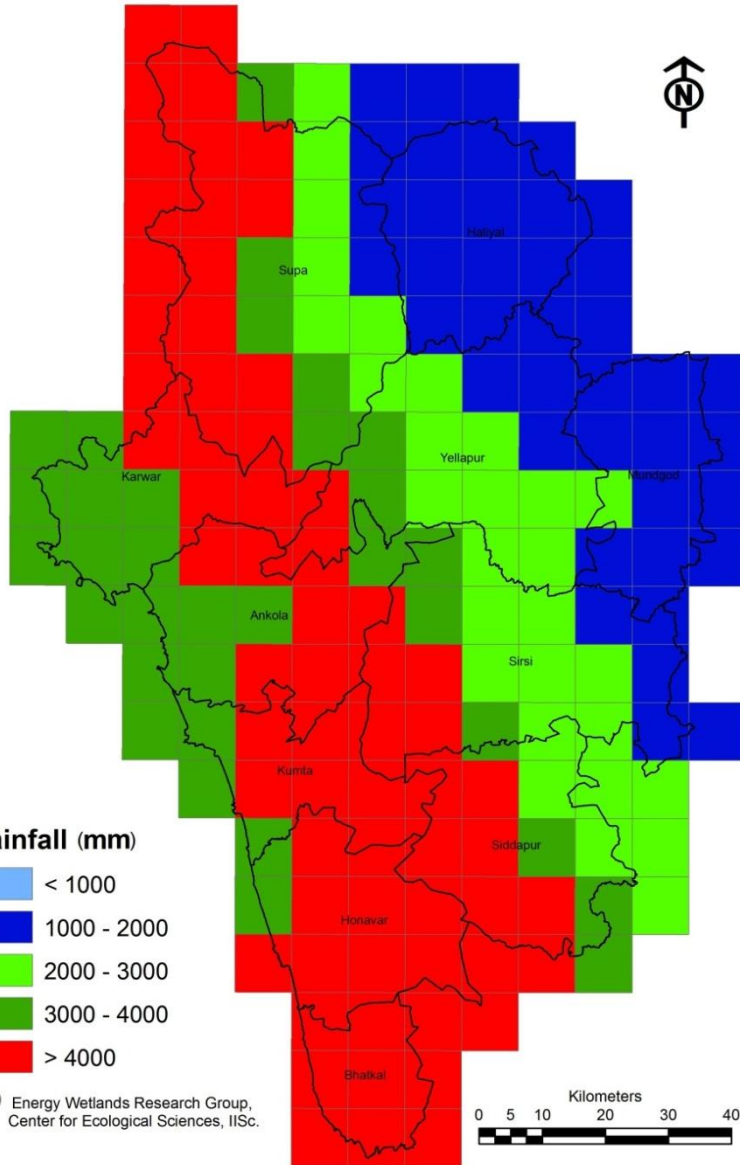
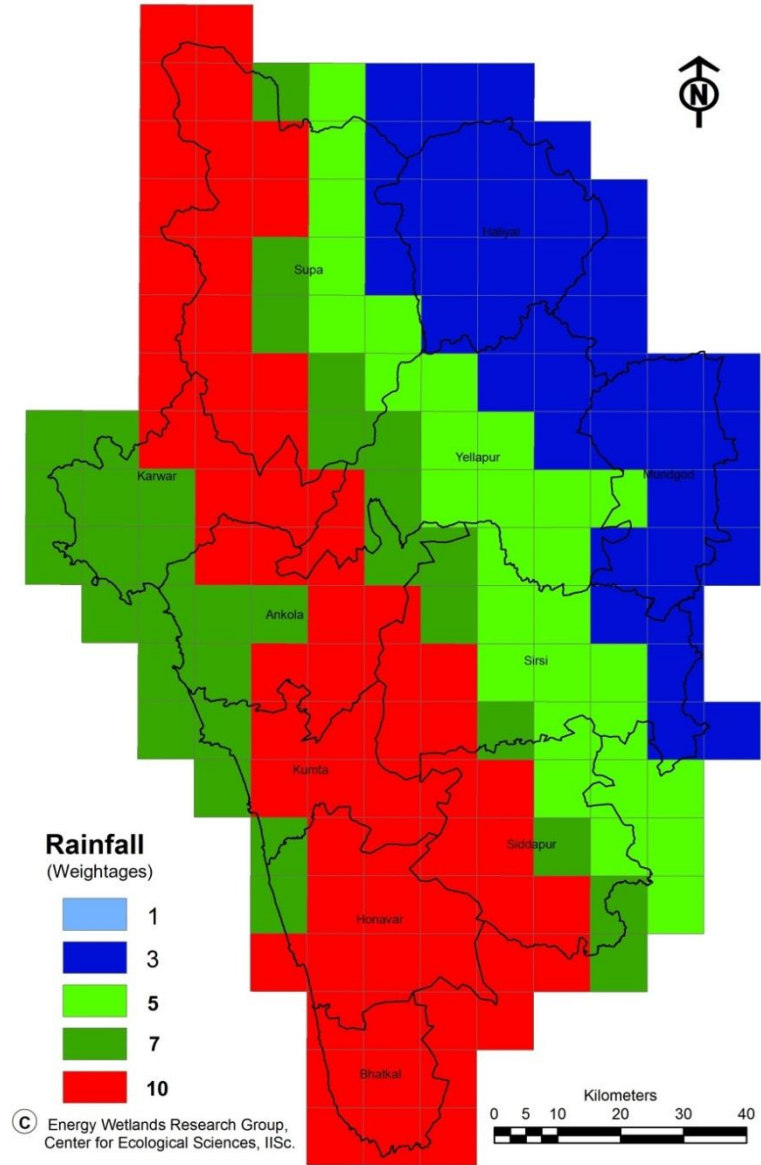


Figure 14.2: Rainfall weight / rank



Hydrology

Figure 15.1: Stream flow status of Uttara Kannada

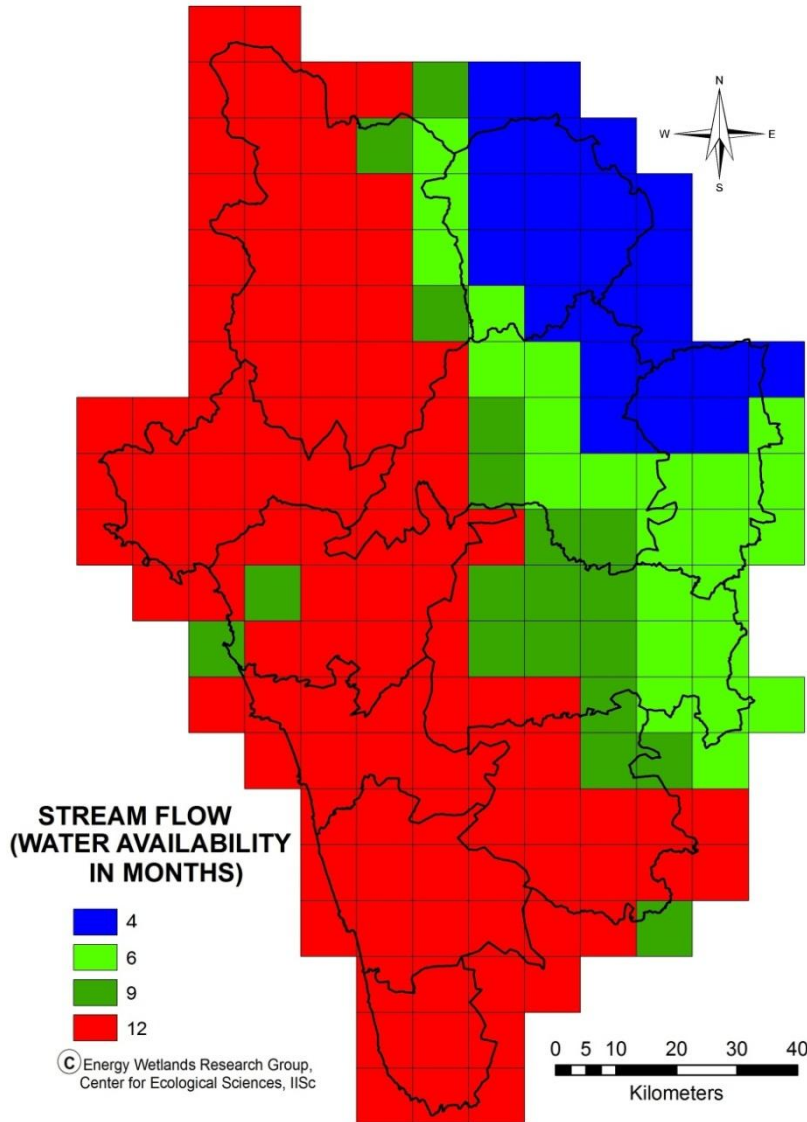
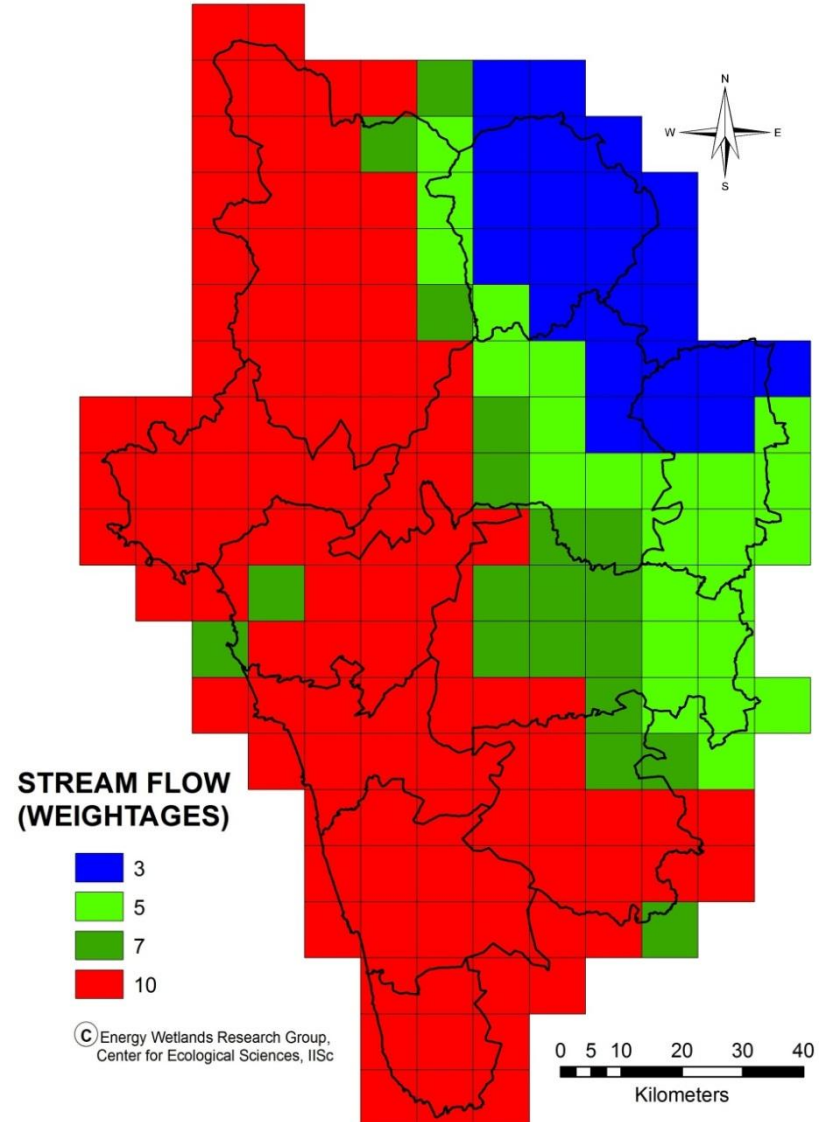


Figure 15.2: stream flow weight / rank



Energy

Figure 16.1: Solar energy

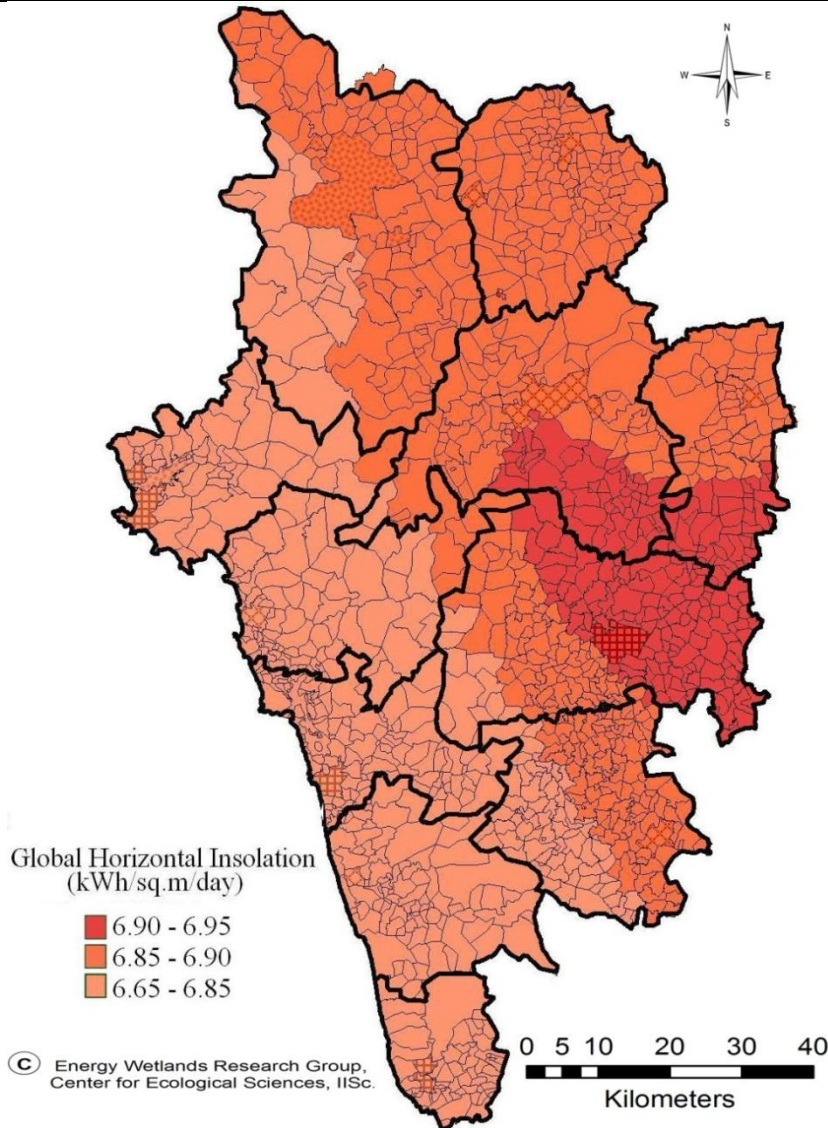


Figure 16.2: Solar energy - weight / rank

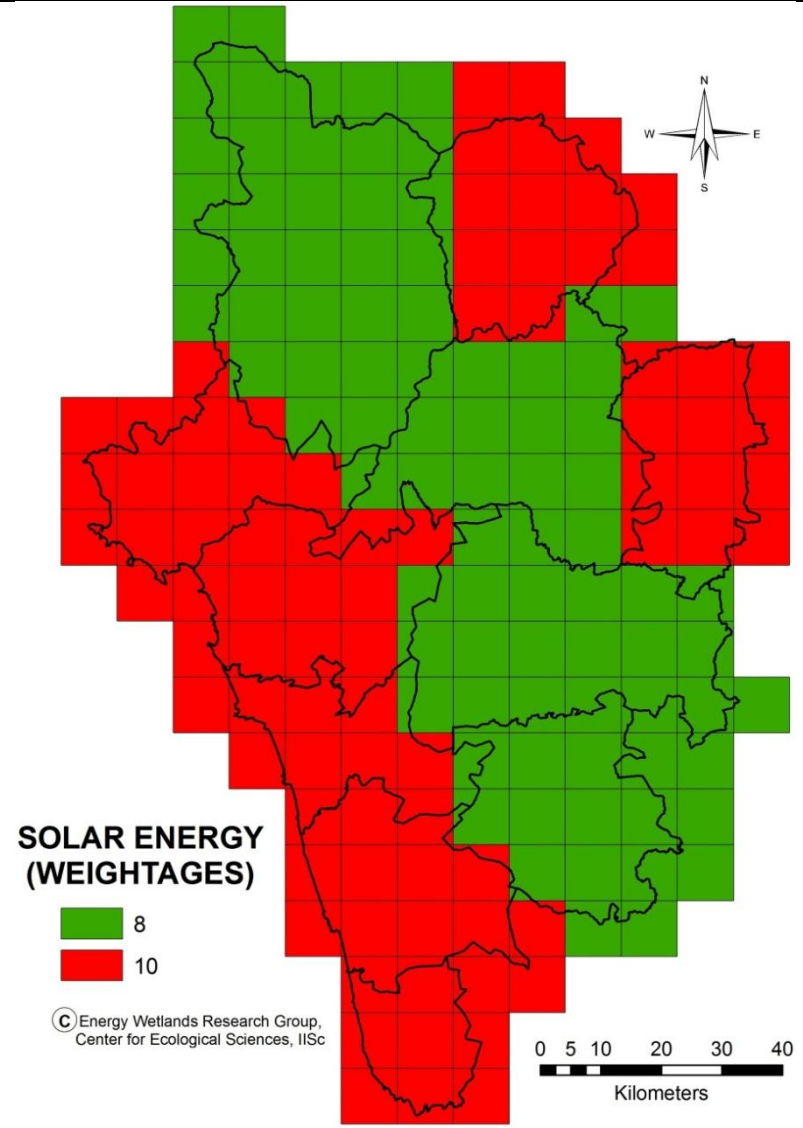


Figure 17.1: Wind energy

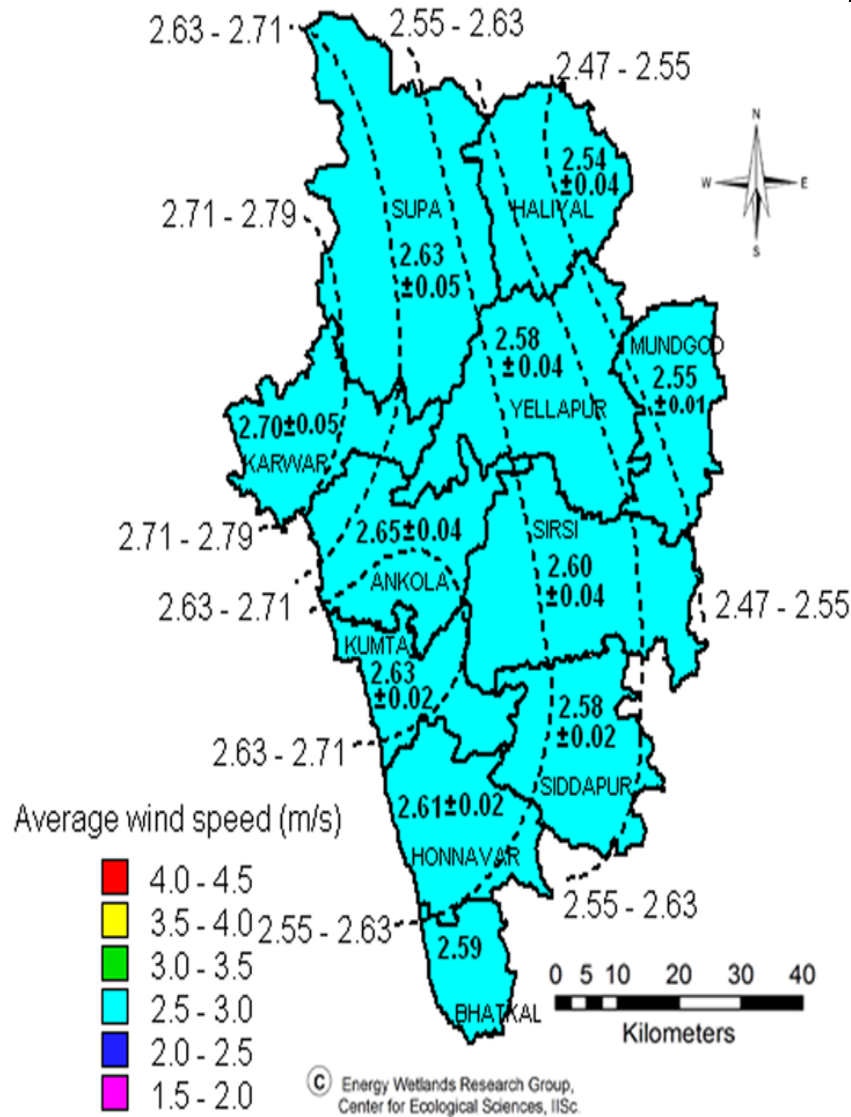


Figure 17.2: wind energy - weight / rank

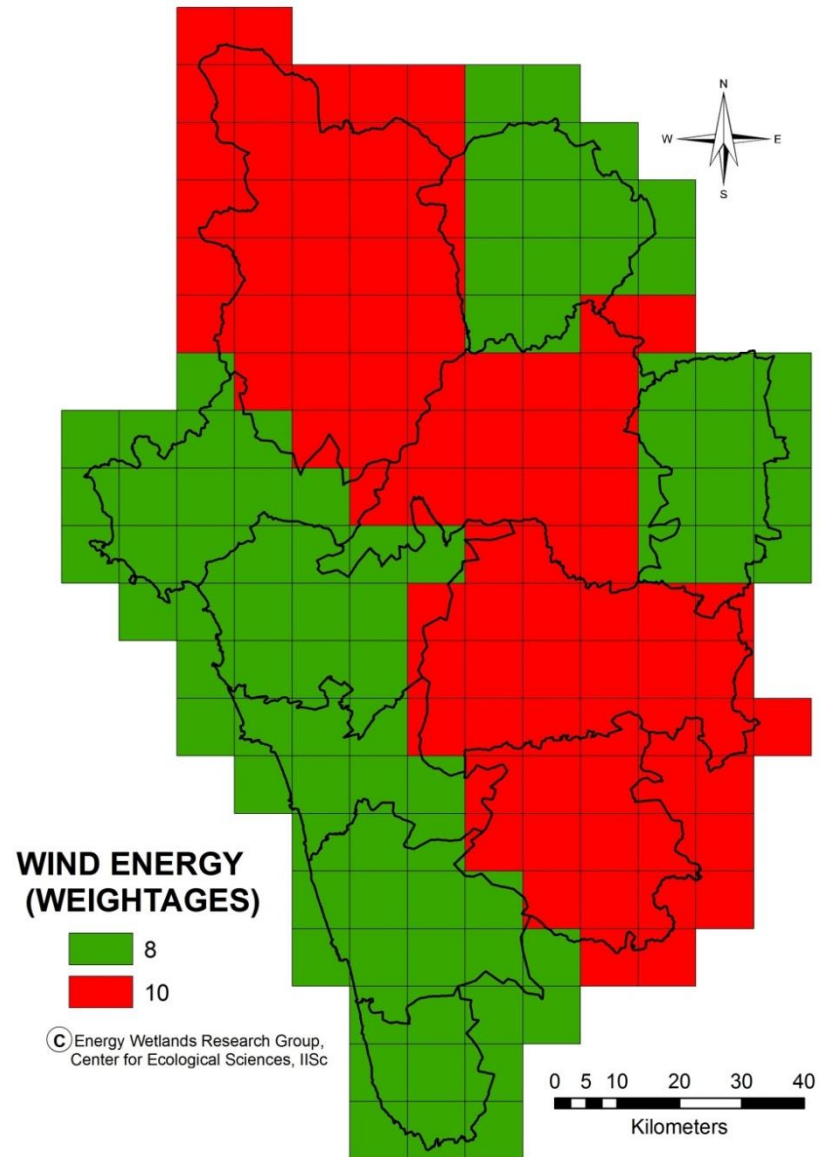


Figure 18.1: Bio energy

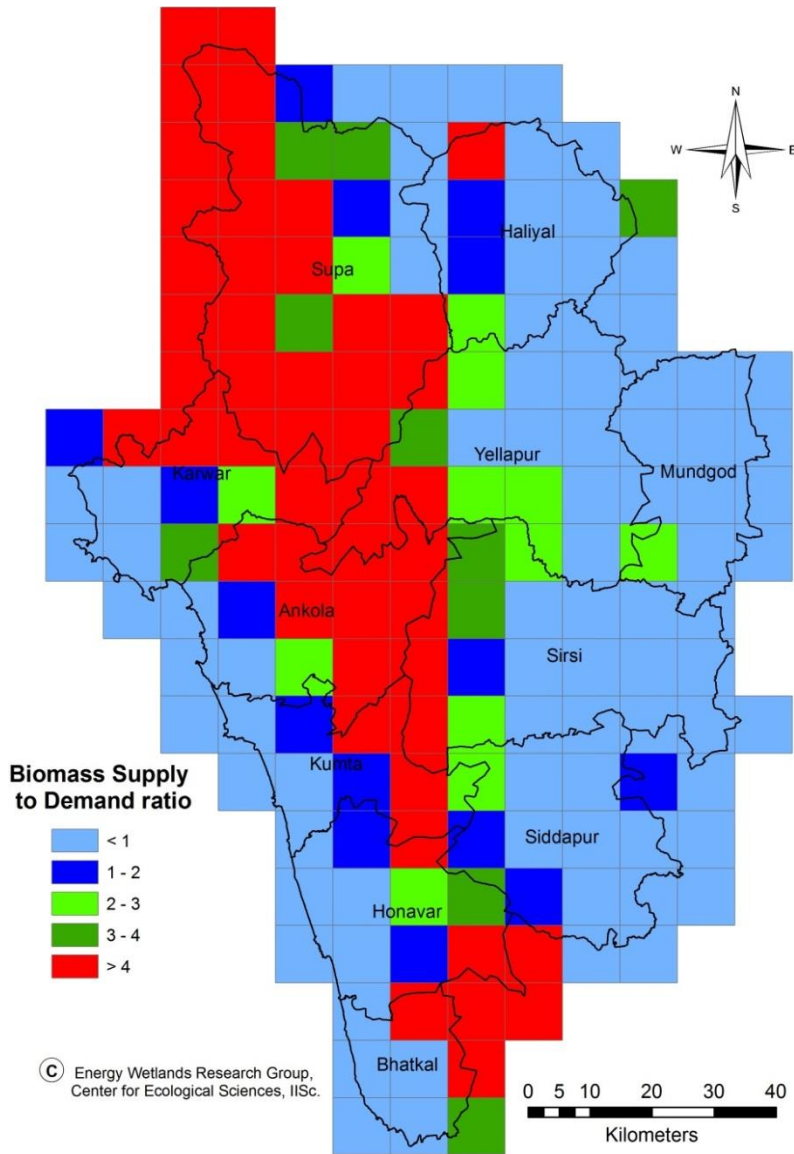
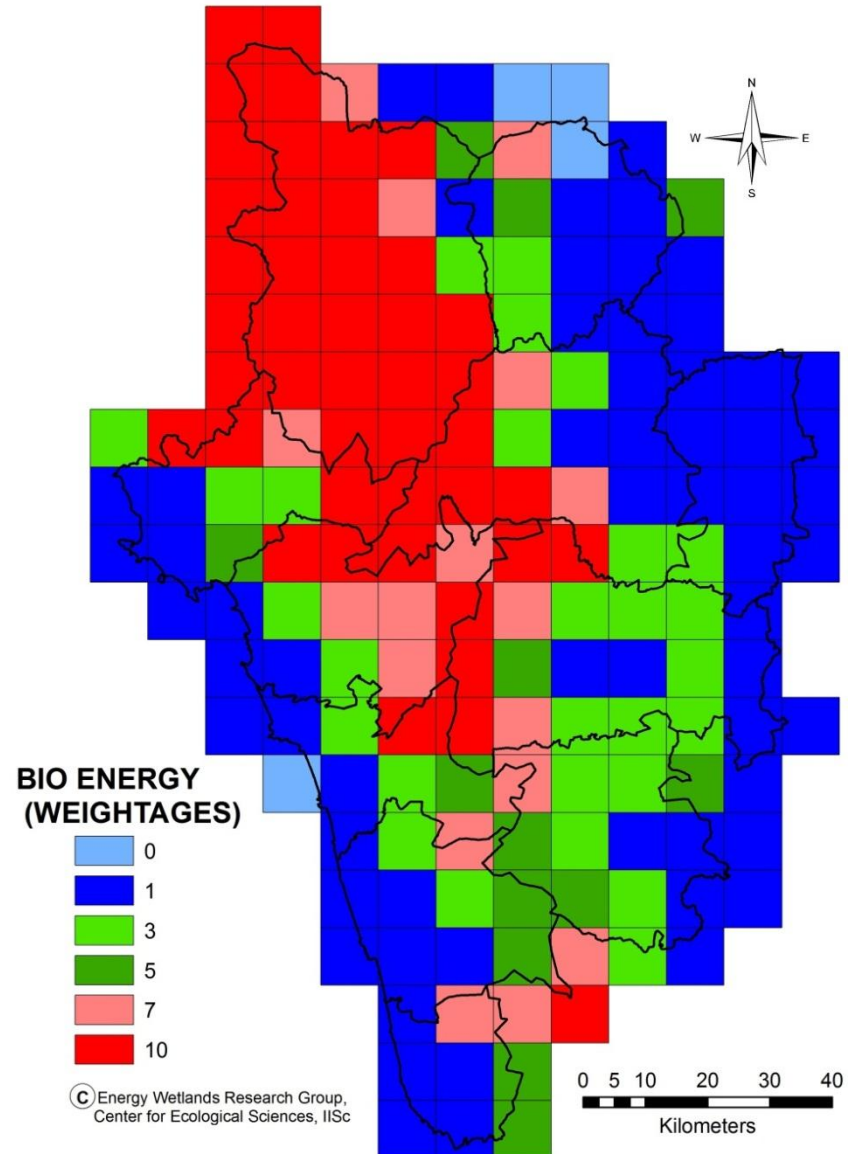


Figure 18.2: Bio energy - weight / rank



Social aspects

Figure 19.1: Forest dwelling communities of Uttara Kannada

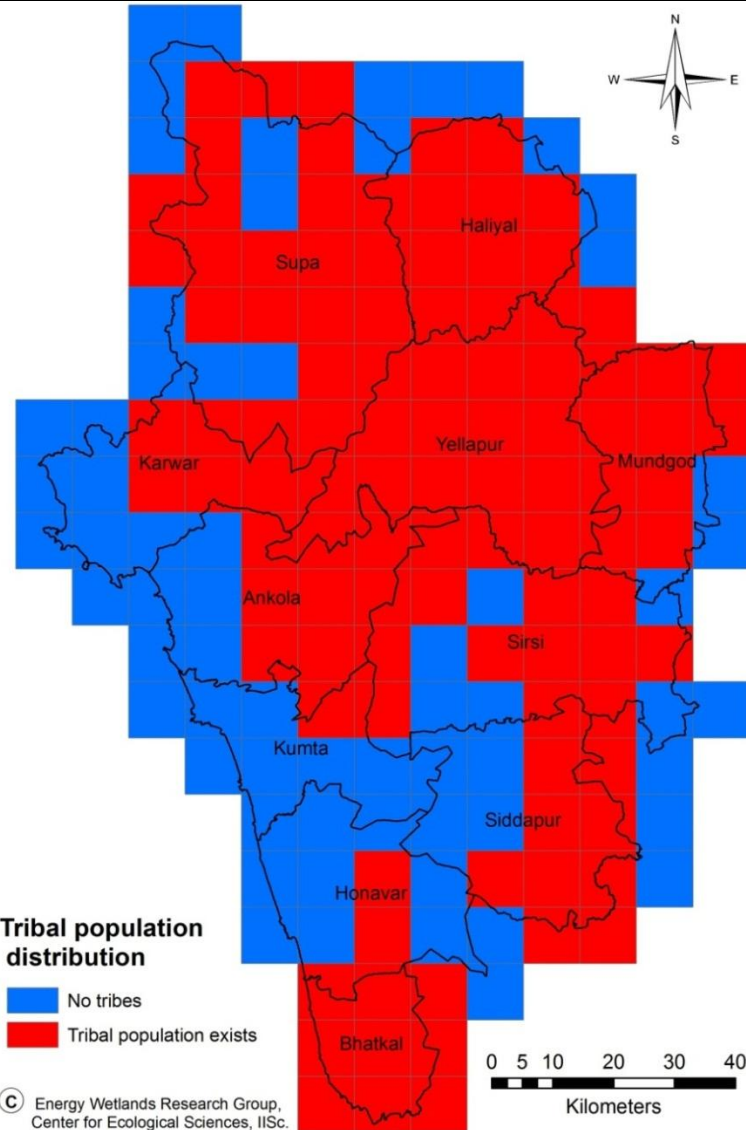


Figure 19.2: Ranking based on forest dwelling communities

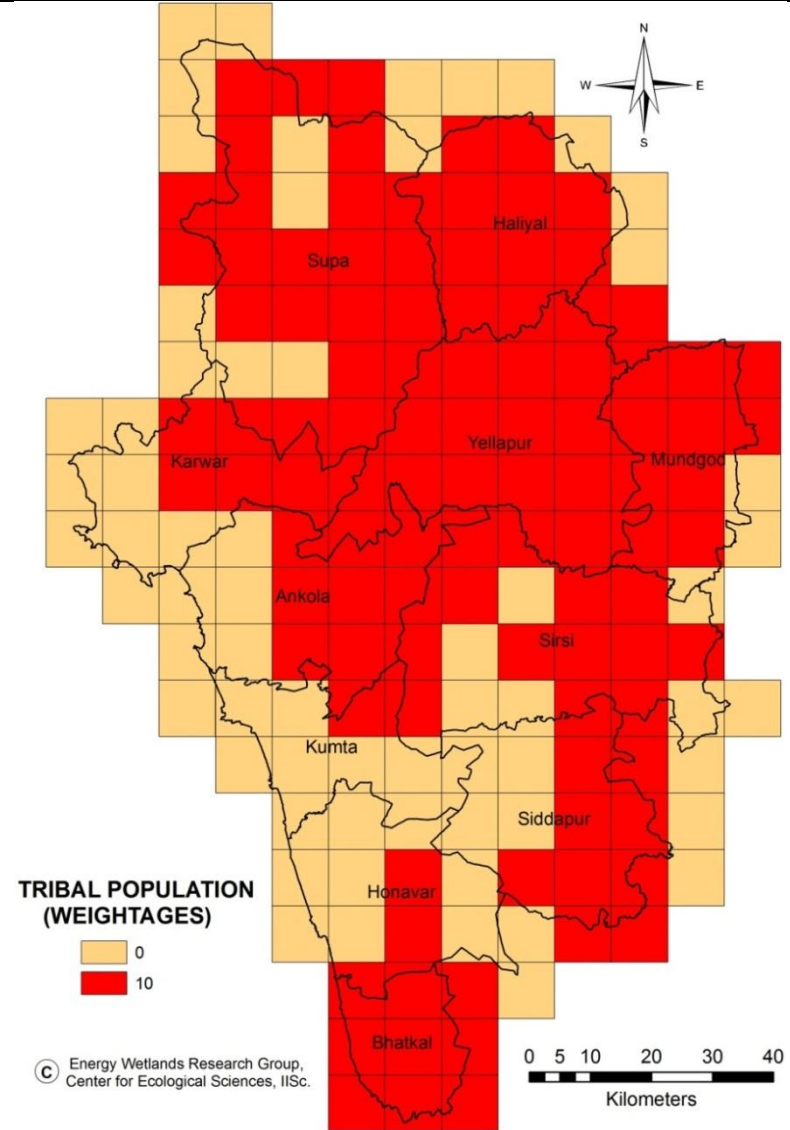


Figure 20.1: Population density map

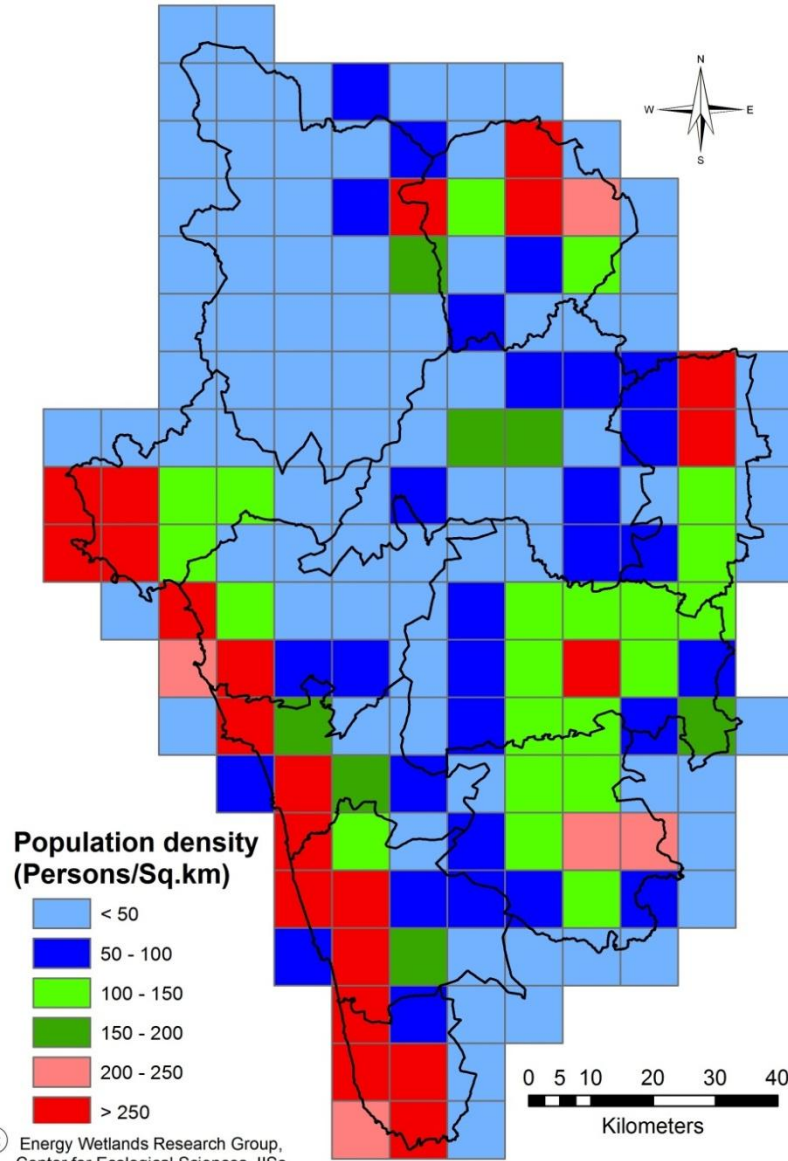
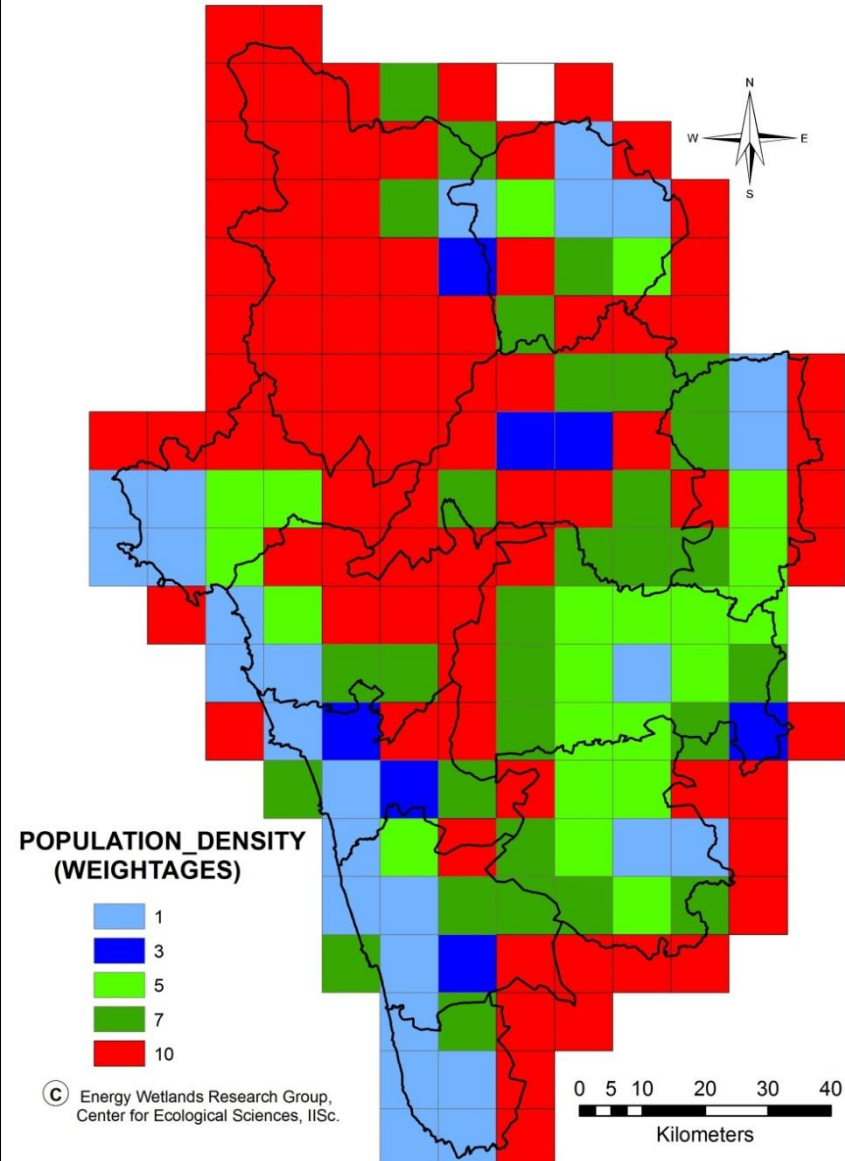


Figure 20.2: Ranking based on population density



Estuarine diversity

Figure 21.1: Estuaries of Uttara Kannada

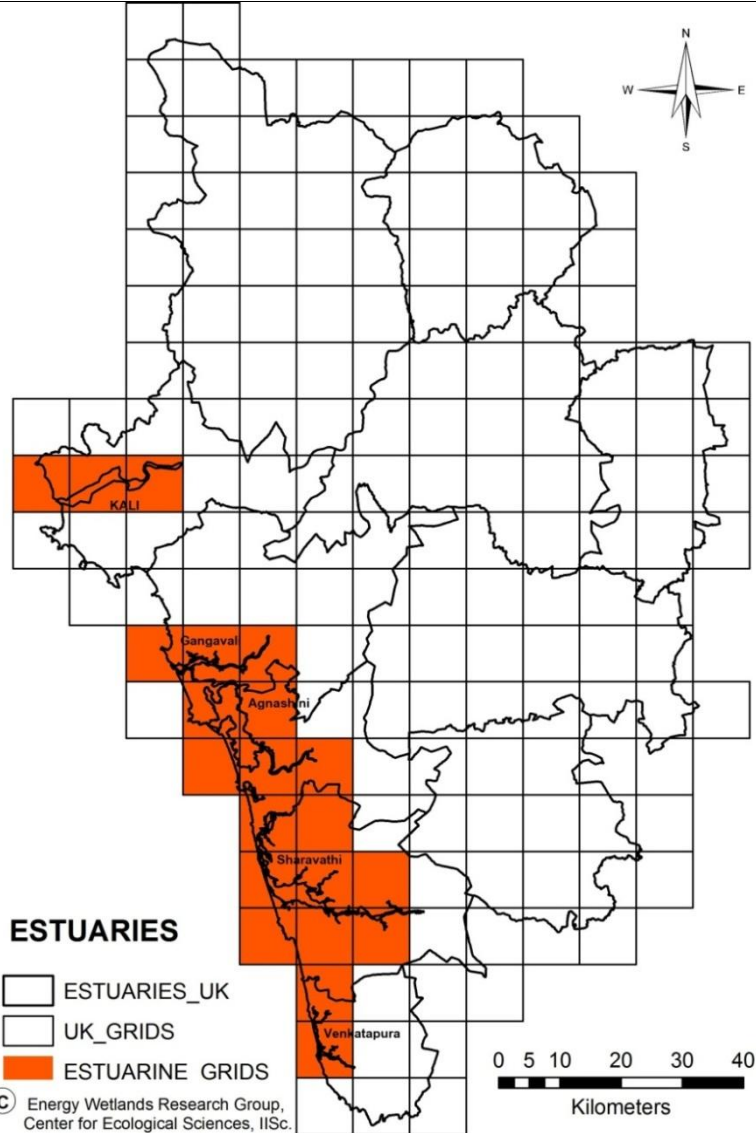


Figure 21.2: Estuarine diversity weight / rank

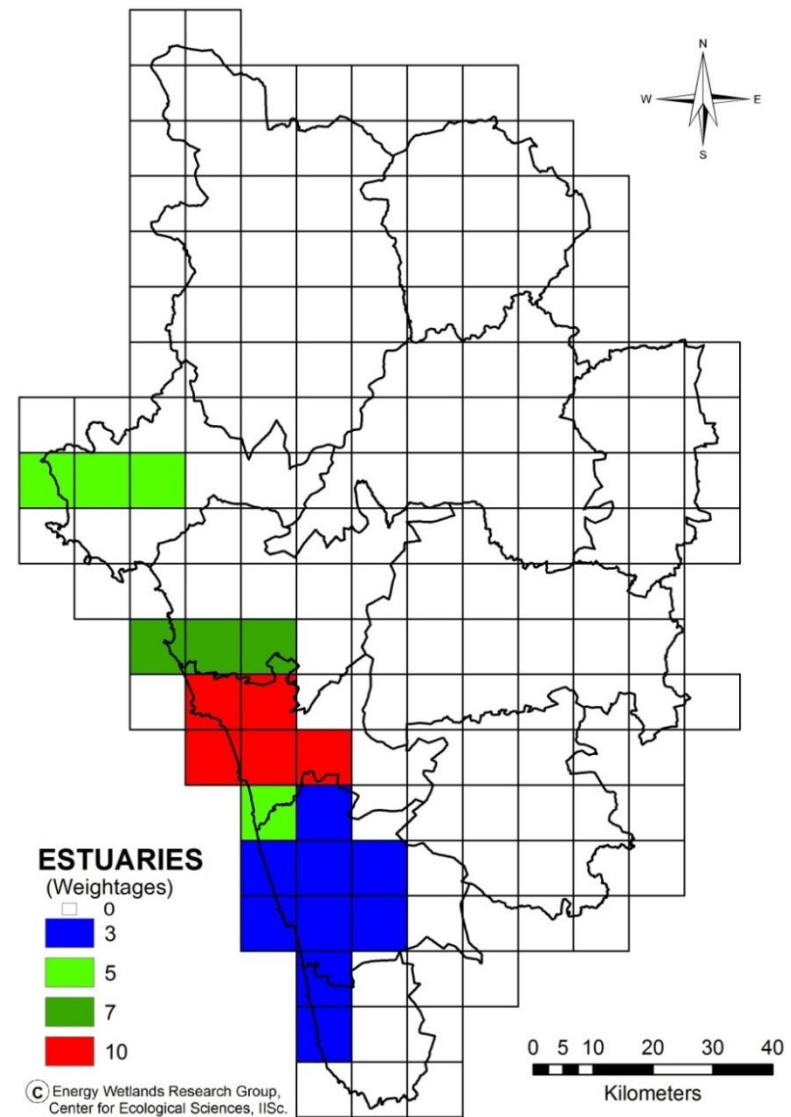


Figure 22: Ecosensitive zone map of Uttara Kannada district

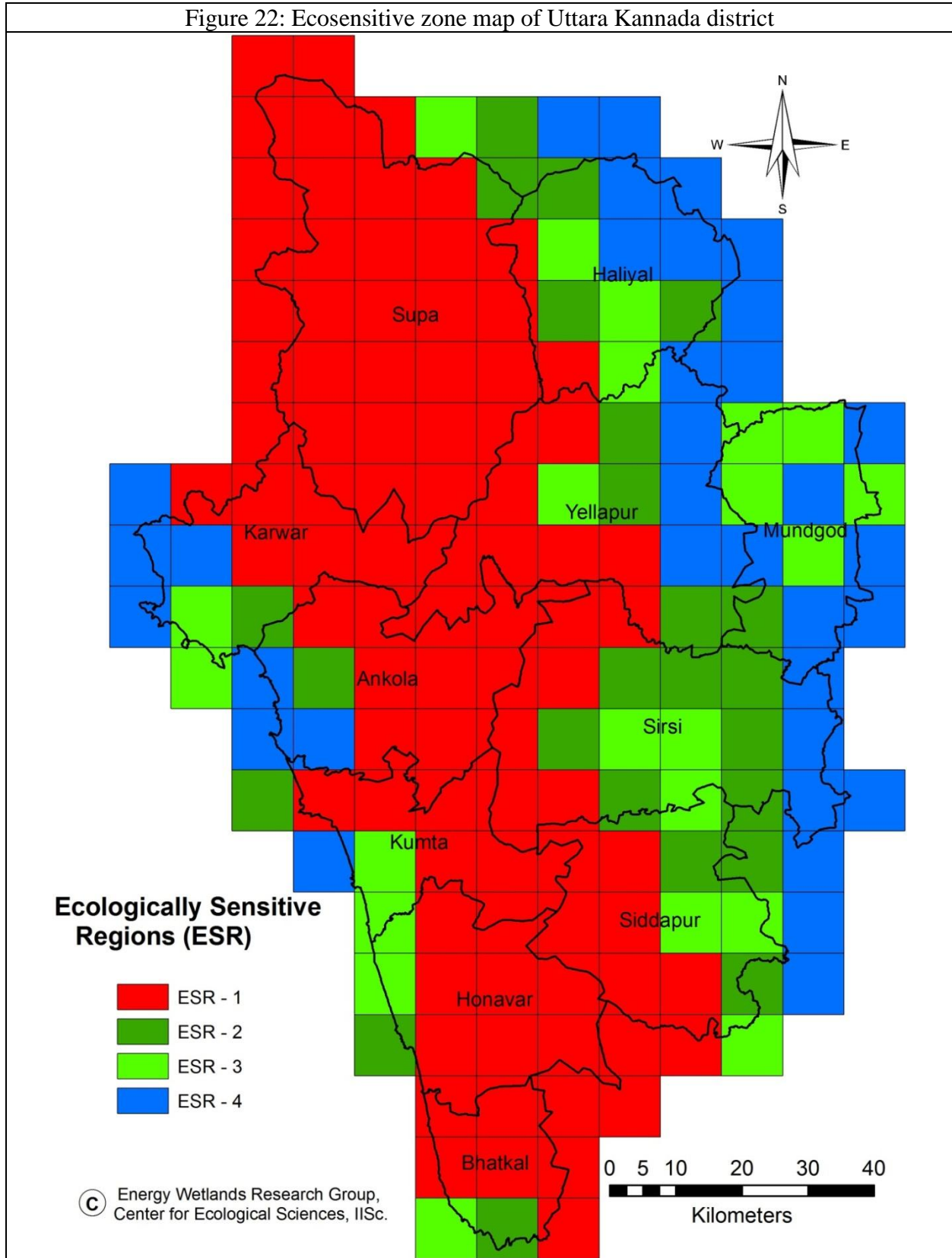


Figure 23: Ecosensitive regions of Uttara Kannada at taluk level

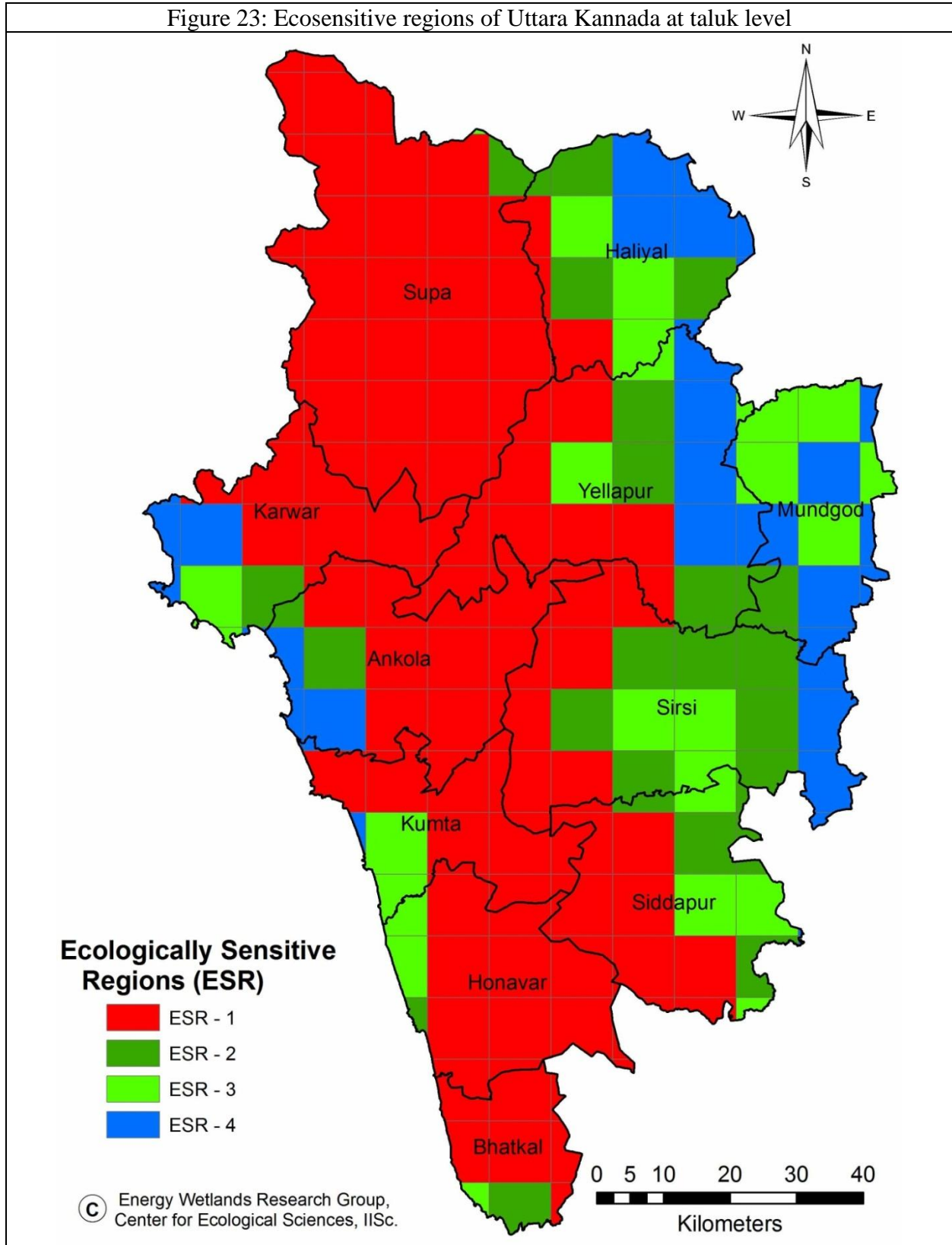


Figure 24: Panchayat wise ecosensitive regions

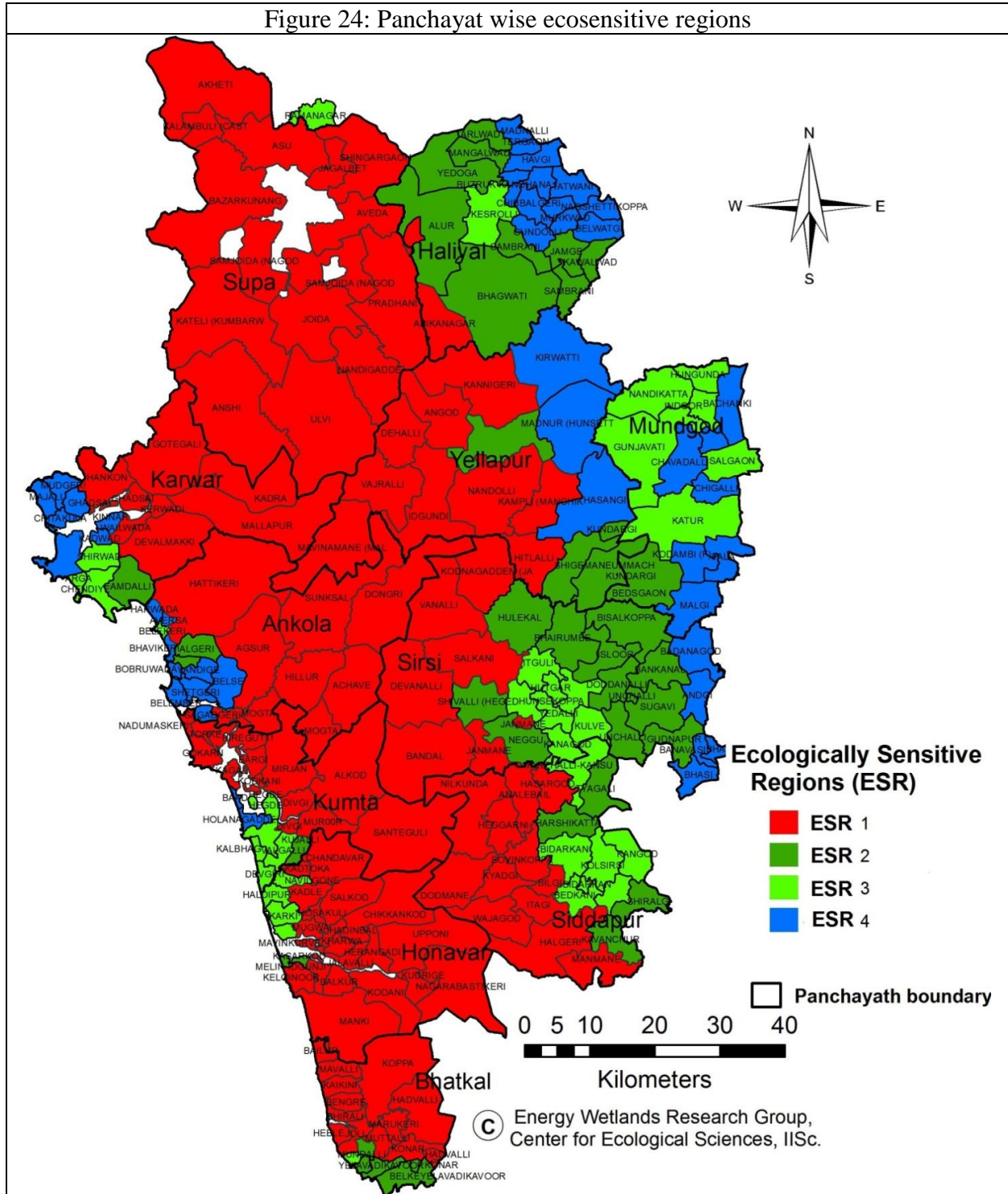


Figure 25: Village level ecosensitive regions

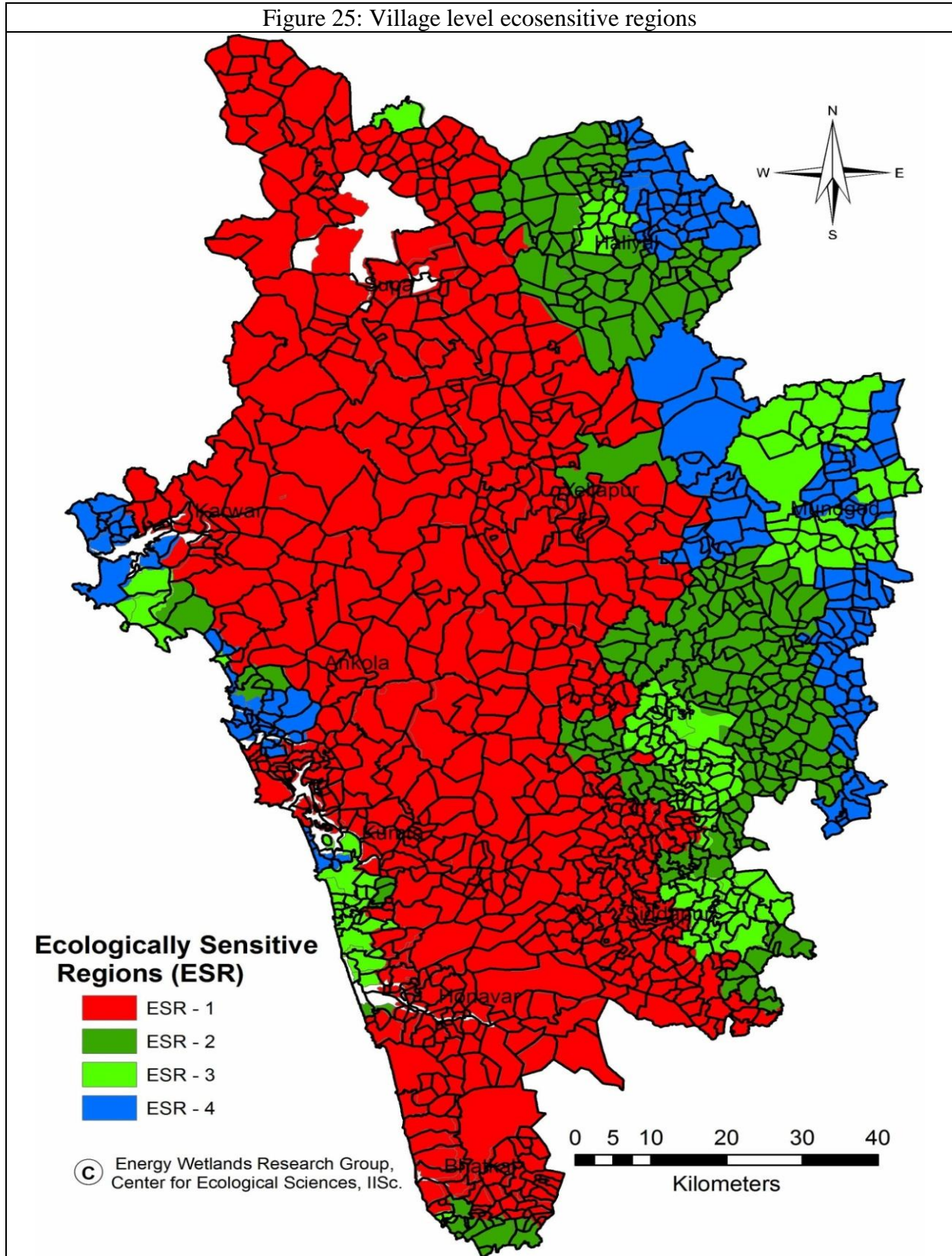
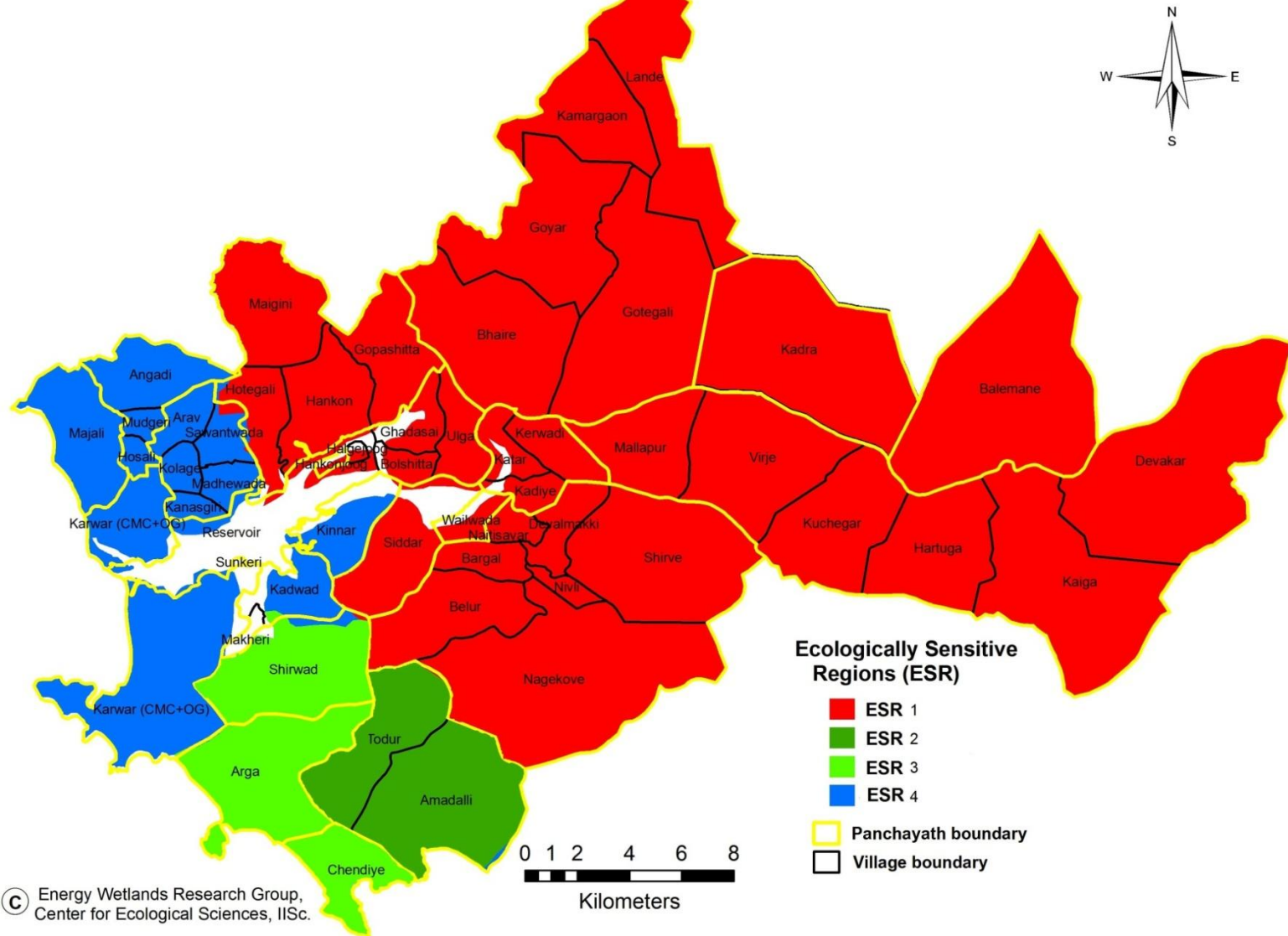
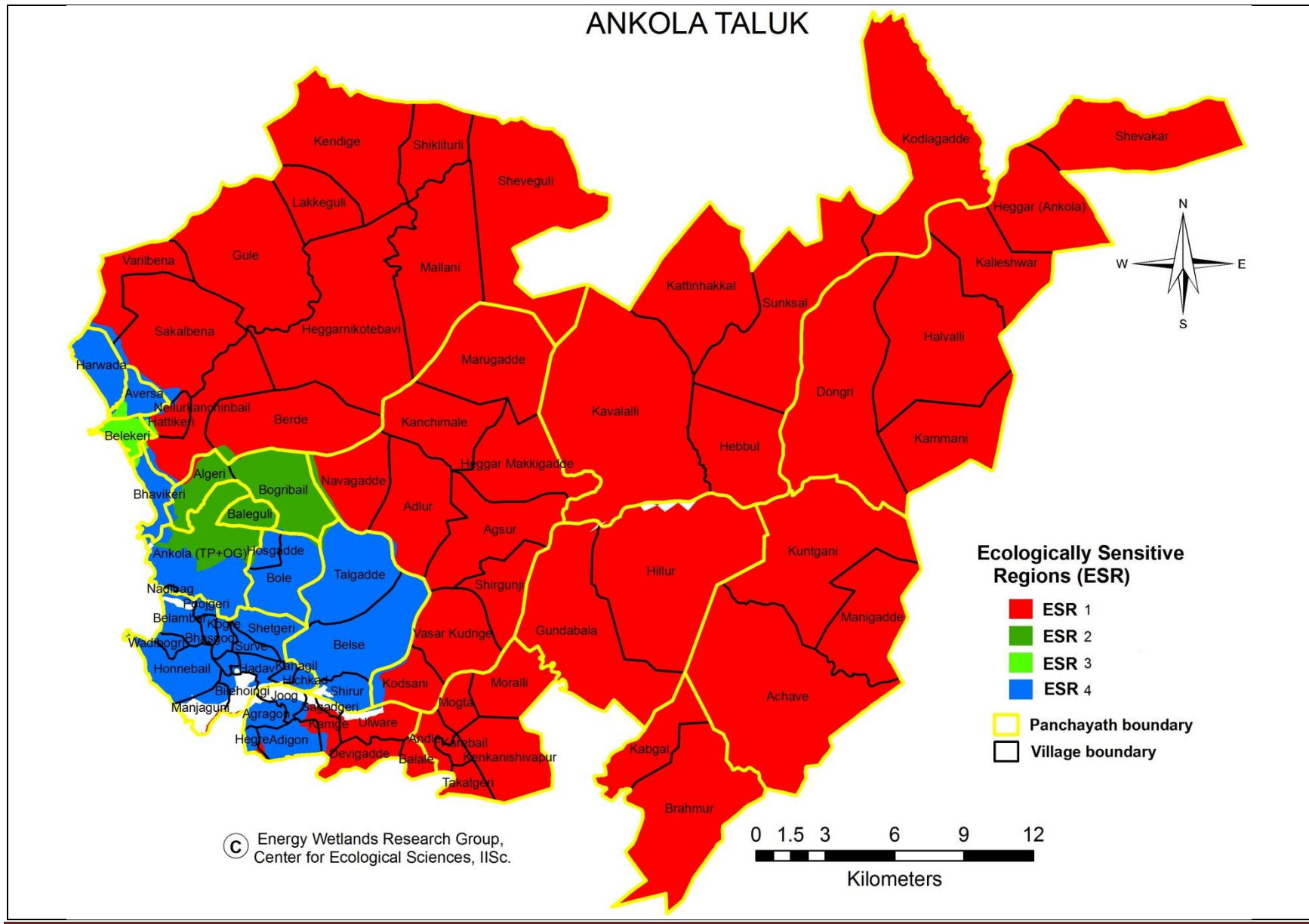


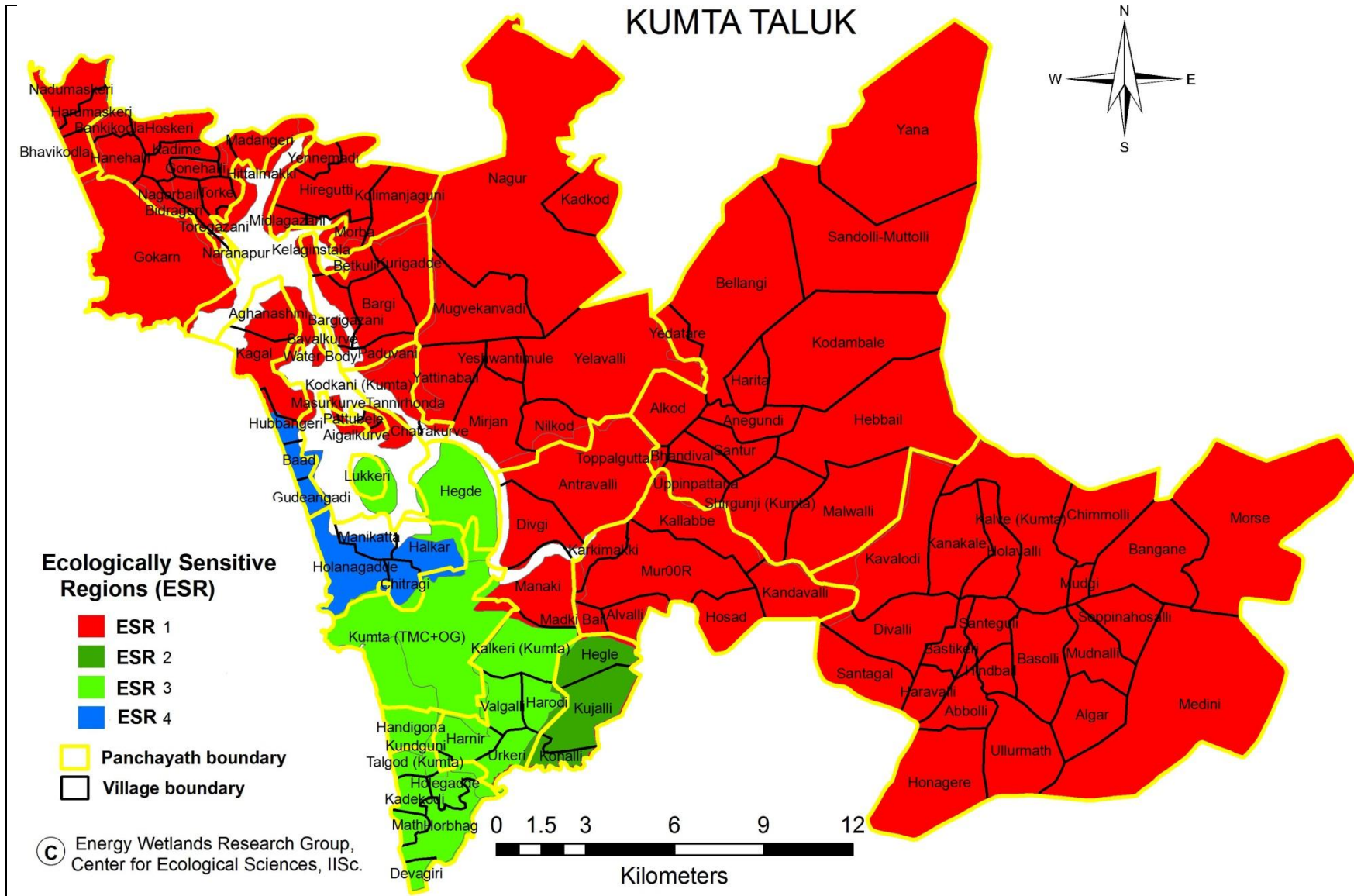
Figure 26 (i to xi) Taluk wise ESR with villages

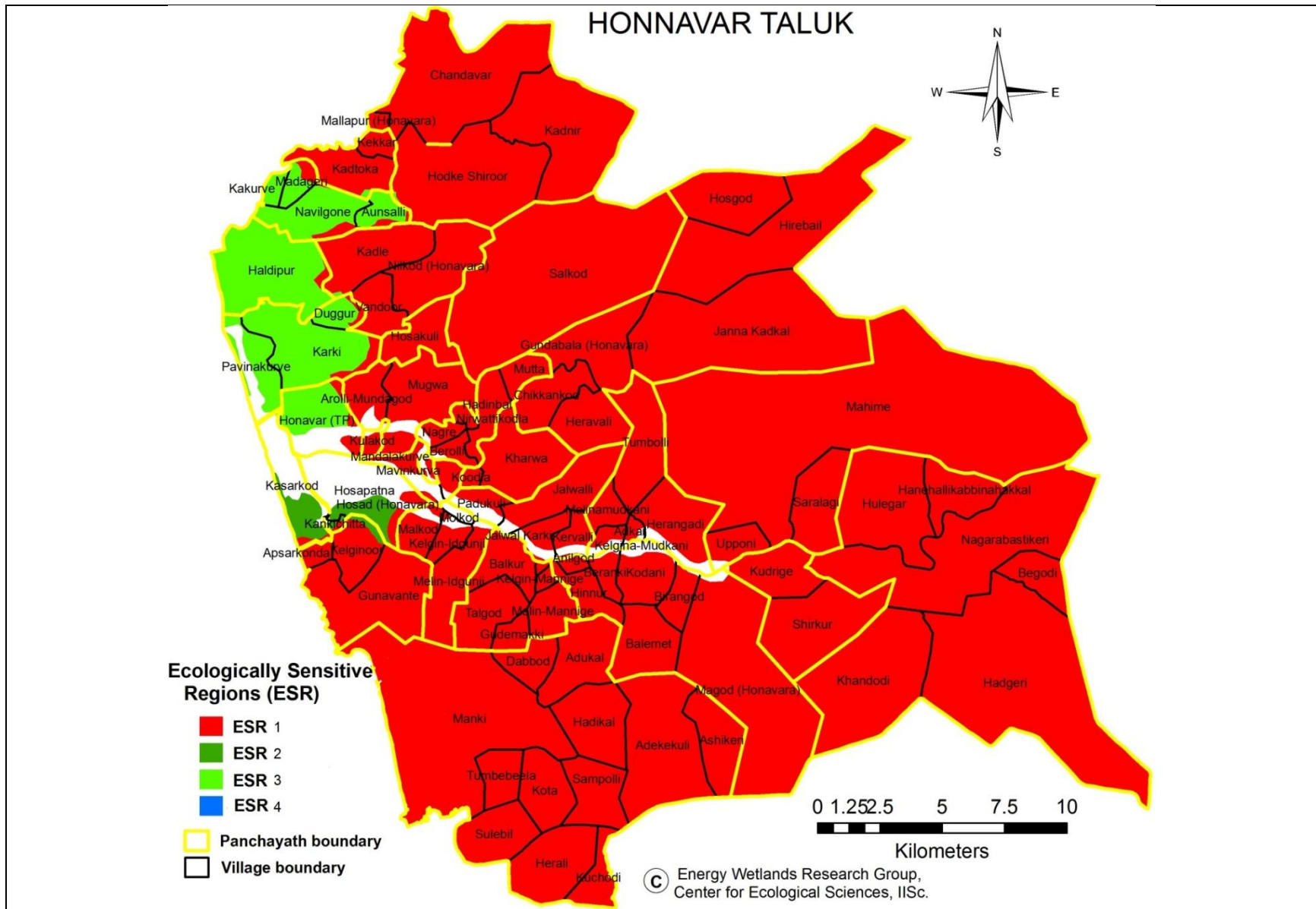
KARWAR TALUK

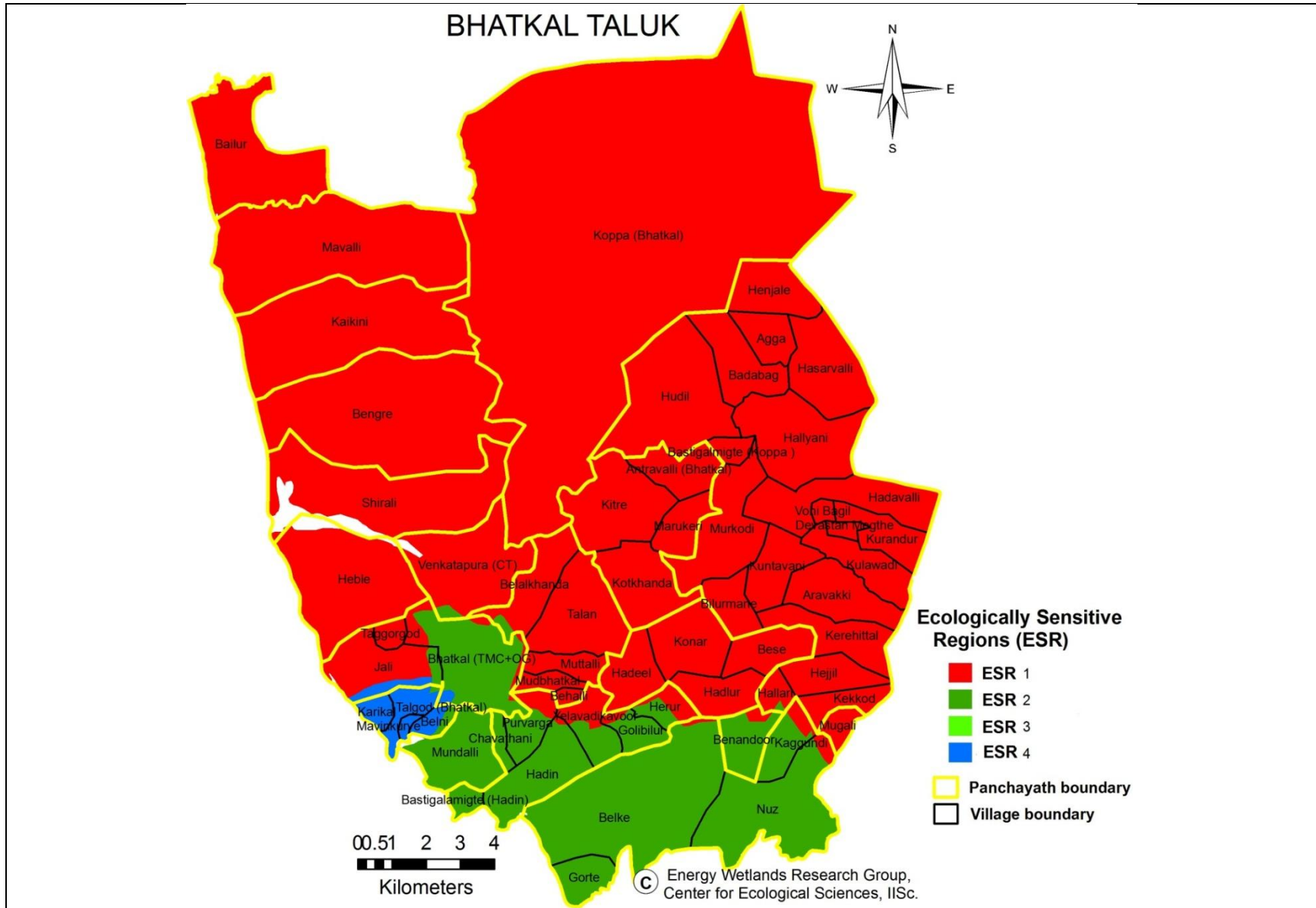


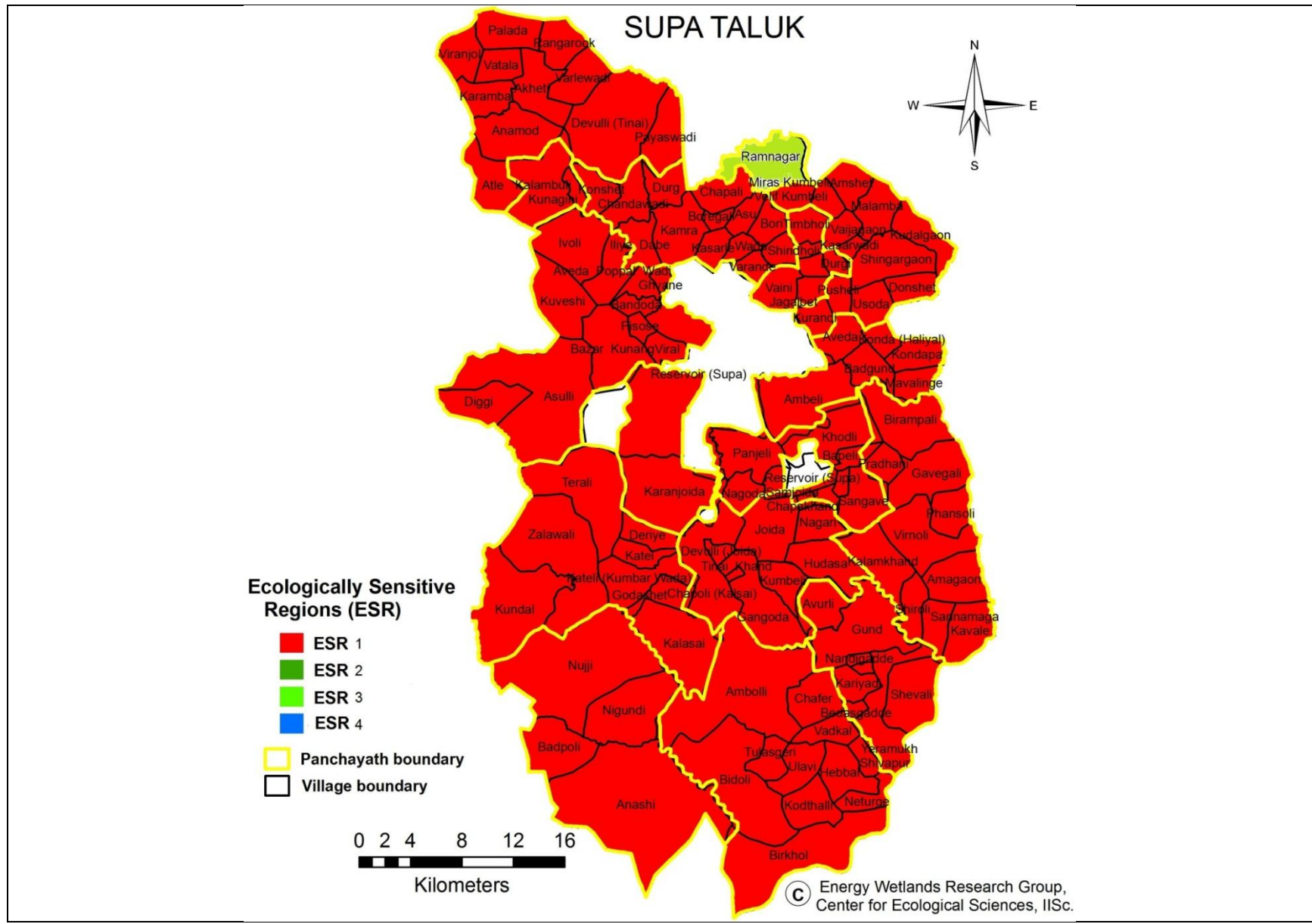
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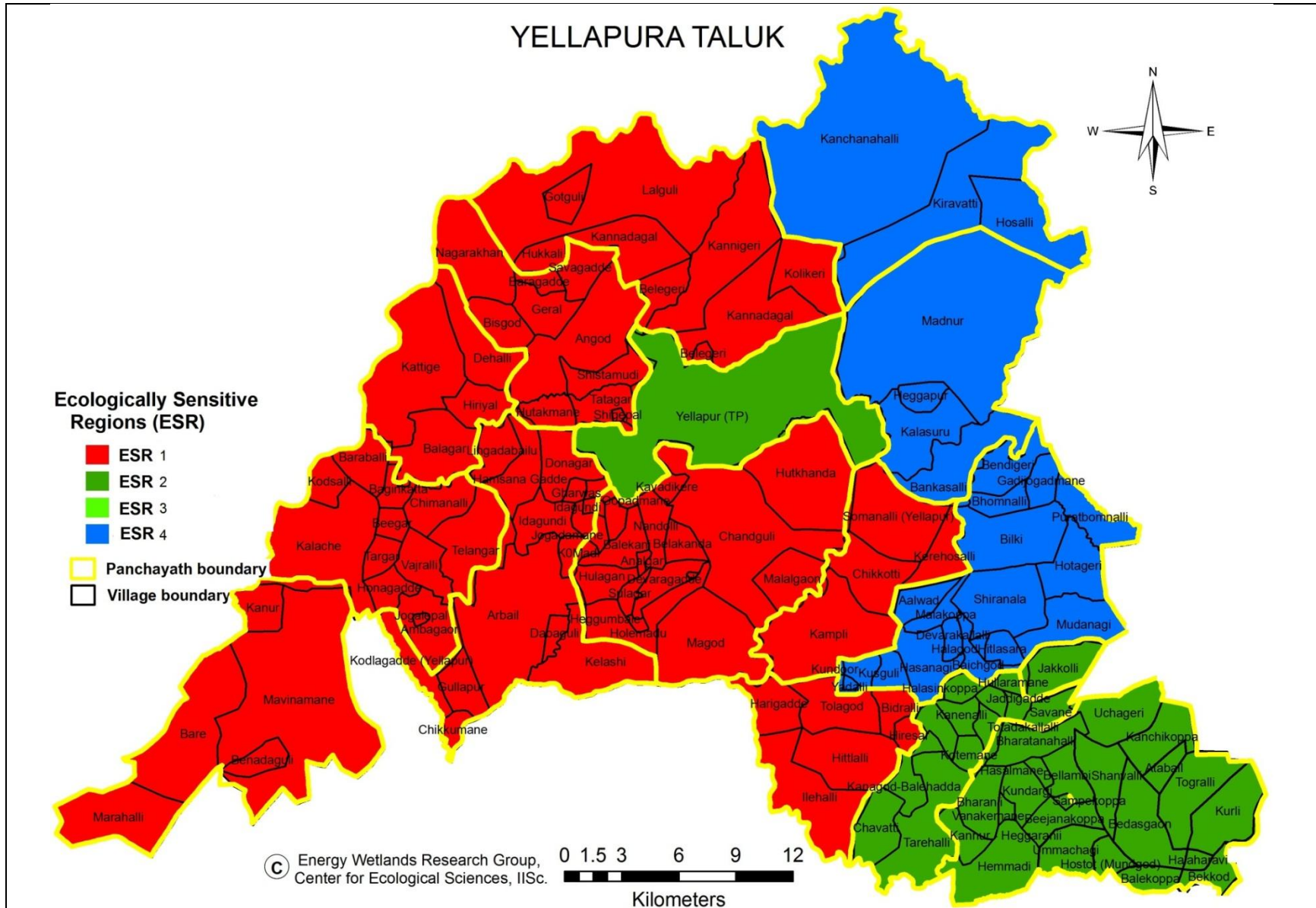


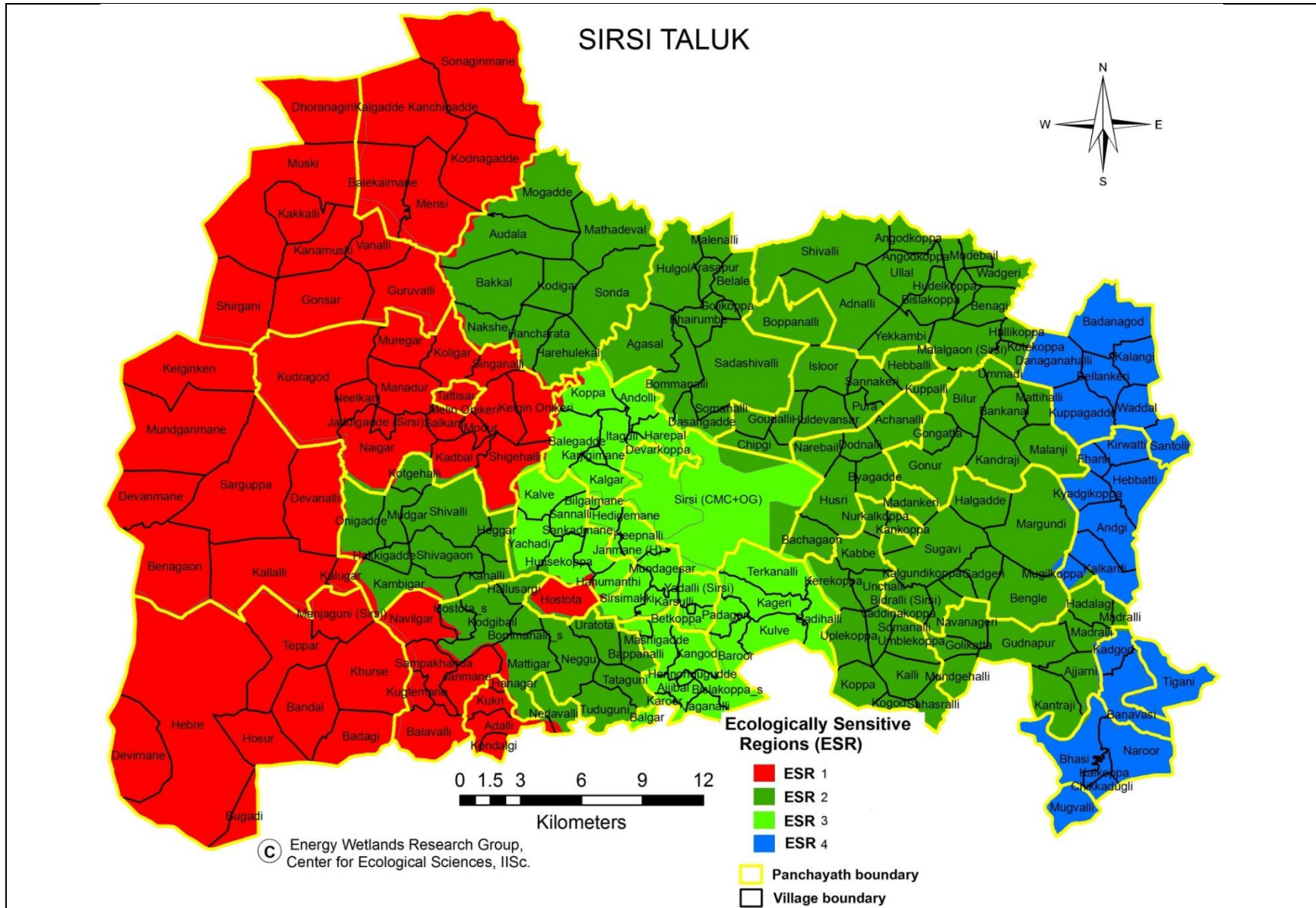


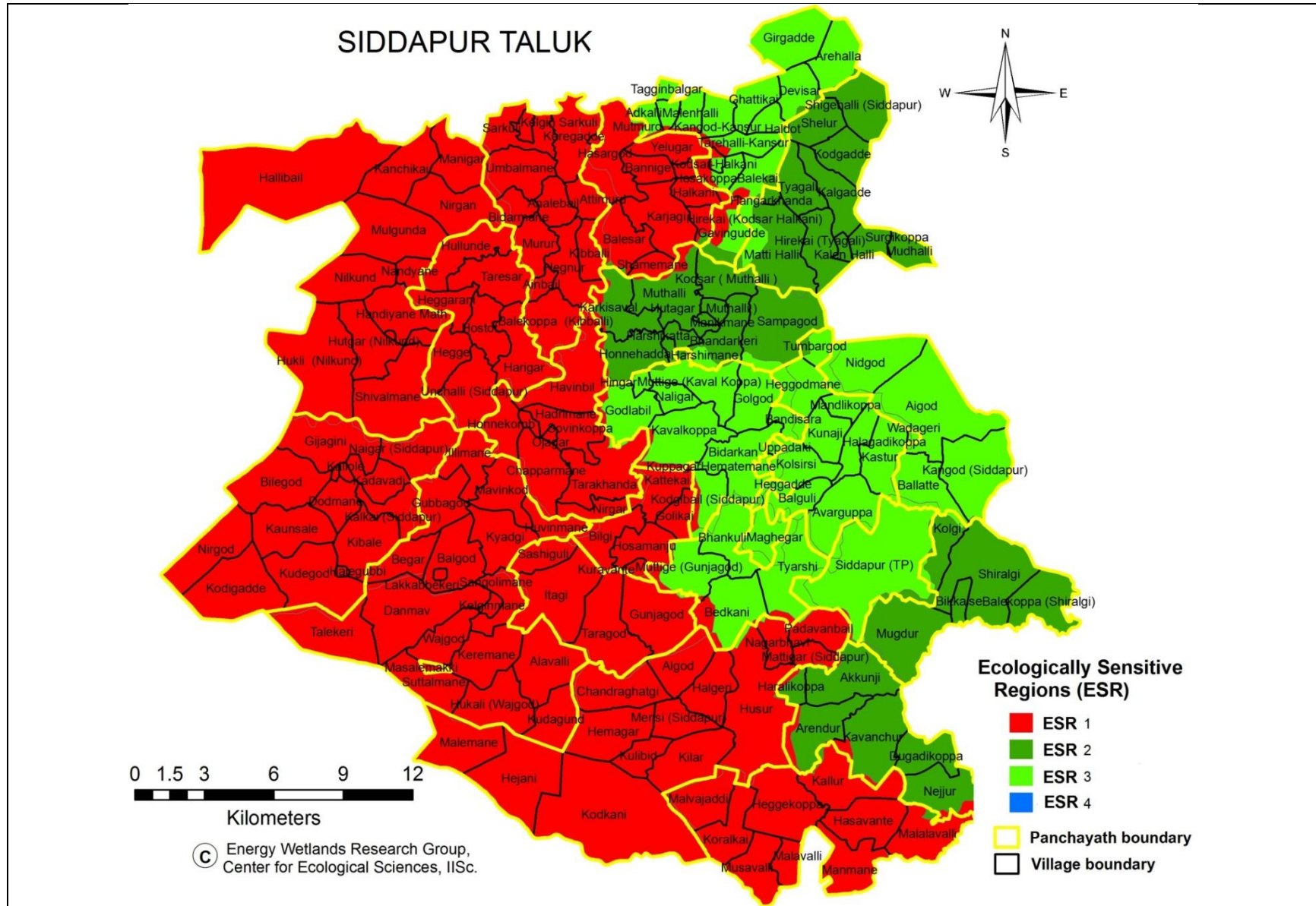


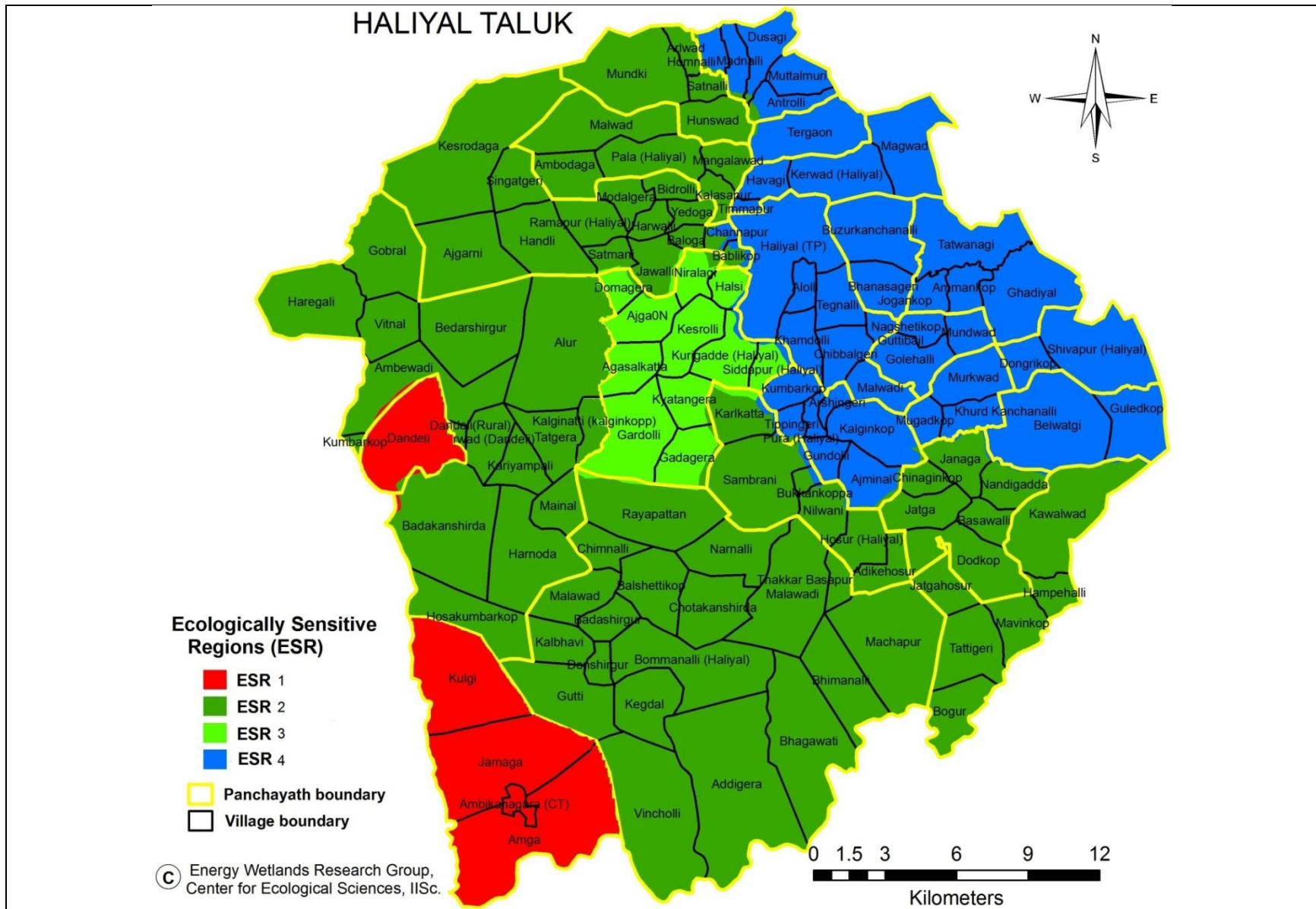


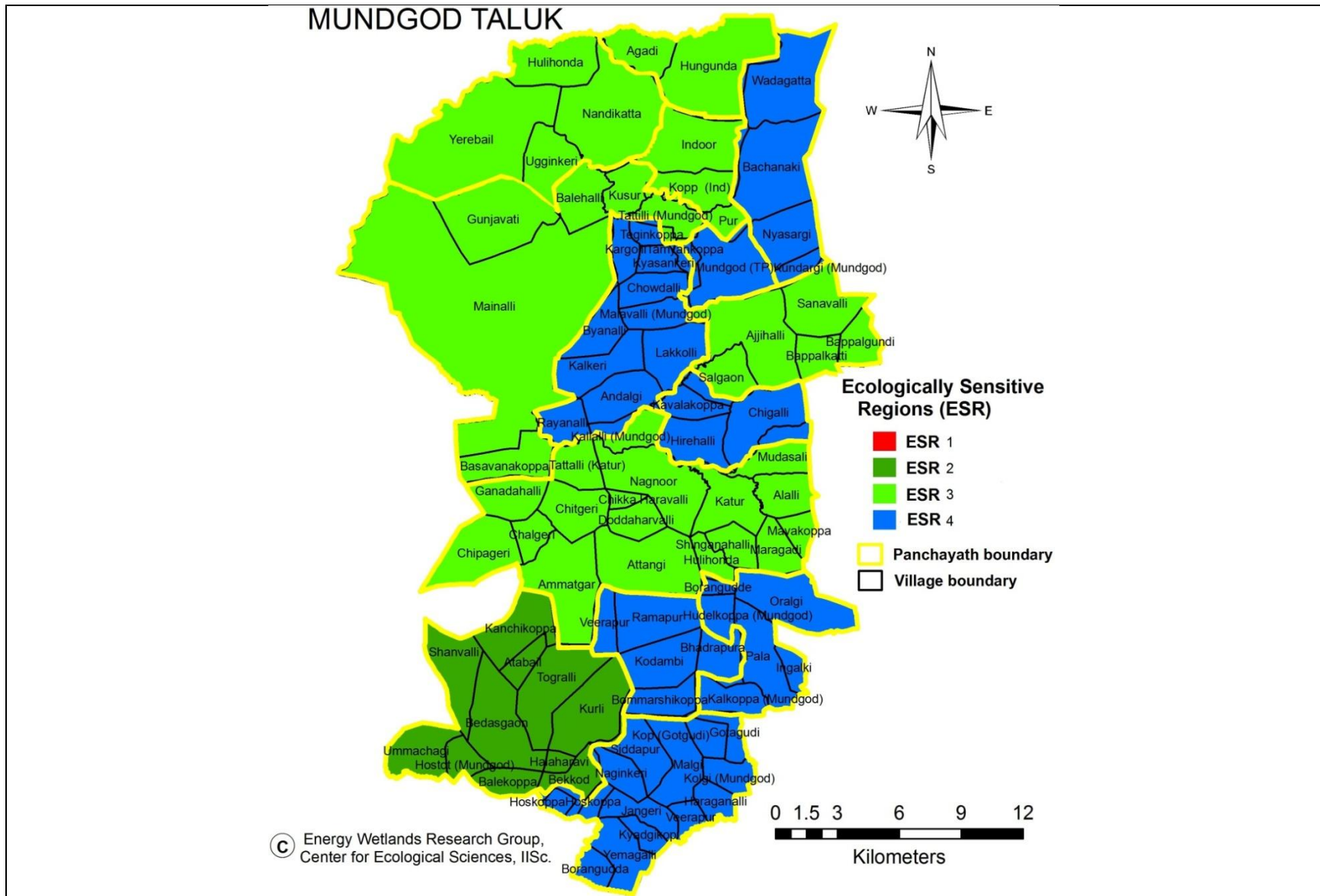












ANNEXURE I: Flora of Uttara Kannada district

Flora details based on field investigation:

• IUCN red list species of the district based on field analysis:

S.no	Red listed species	Family	Category	Locations	Taluk	Remarks
1	<i>Gymnacranthera canarica</i>	Myristicaceae	Vulnerable	Alsolli 1, Alsolli 2, Halsolli, Kathalekan G1, G2, Kathalekan swamp T1, T2, T3, T4, T5, T6	Ankola Honnavar Siddapur	Confined to Myristica swamps only
2	<i>Myristica fatua</i>	Myristicaceae	Endangered	Halsolli, Kathalekan swamps T1, T2, T5, T9	Honnavar Siddapur	Confined to Myristica swamps only. In relics of primary forests
3	<i>Dipterocarpus indicus</i>	Dipterocarpaceae	Endangered	Alsolli 1, Alsolli 2, Ambepal 1, Ambepal 2, Hadageri 1, Hadageri 2, Karikan lower slope, Karikan s. evergreen, Karikan temple side, Kathalekan non-swamp grids G1, G2, G3, G4, G5, G6, G7, G8, Kathalekan swamp grids T1, T2, T3, T4, T5, T6, T7, T8, T9	Ankola Honnavar Siddapur	New reports for Ankola in relics of primary forests. Northward range extension in Western Ghats
4	<i>Hopea Ponga</i>	Dipterocarpaceae	Endangered	Widespread in evergreen forests Honavar, Kumta, Siddapur, Sirsi, Ankola and sparingly in Karwar and Yellapur	Honnavar, Kumta, Siddapur, Sirsi, Ankola, Yellapura, Karwar	
5	<i>Vateria indica</i>	Dipterocarpaceae	Endangered	Kathalekan 3	Siddapur	Planted widespread in the district; natural in Mattigar kan, Siddapur
6	<i>Syzygium travancoricum</i>	Myrtaceae	Critically Endangered	Kathalekan G8, Kathalekan swamp T3, T6, T8, T5	Siddapur	Also found very sparingly in Ankola Ghats. Range extension in Uttara Kannada reported for first time
7	<i>Semecarpus kathalekanensis</i>	Anacardiaceae	New tree species	Kathalekan swamps T1, T2	Siddapur	New tree species reported

ANNEXURE I: Flora of Uttara Kannada district

Flora details based on field investigation and literature review:

Flora – Endemic							
S.no	Longitude	Latitude	Locations	Scientific name	E / NE	IUCN status	Family
1	74.19	14.91	Hankon (Karwar)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
2	74.19	14.91	Hankon (Karwar)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
3	74.19	14.91	Hankon (Karwar)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
4	74.19	14.91	Hankon (Karwar)	<i>Grangea maderaspatana</i>	E	LC	Compositae
5	74.19	14.91	Hankon (Karwar)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
6	74.19	14.91	Hankon (Karwar)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
7	74.19	14.91	Hankon (Karwar)	<i>Drosera burmannii</i>	E	LC	Droseraceae
8	74.19	14.91	Hankon (Karwar)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
9	74.19	14.91	Hankon (Karwar)	<i>Eriocaulon dalzellii</i>	E	LC	Eriocaulaceae
10	74.19	14.91	Hankon (Karwar)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
11	74.19	14.91	Hankon (Karwar)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
12	74.19	14.91	Hankon (Karwar)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
13	74.19	14.91	Hankon (Karwar)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
14	74.19	14.91	Hankon (Karwar)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
15	74.19	14.91	Hankon (Karwar)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
16	74.19	14.91	Hankon (Karwar)	<i>Ischaemum molle</i>	E	LC	Gramineae
17	74.19	14.91	Hankon (Karwar)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
18	74.19	14.91	Hankon (Karwar)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
19	74.19	14.91	Hankon (Karwar)	<i>Rotala indica</i>	E	LC	Lythraceae
20	74.19	14.91	Hankon (Karwar)	<i>Rotala macrandra</i>	E	LC	Lythraceae
21	74.19	14.91	Hankon (Karwar)	<i>Rotala malampuzensis</i>	E	LC	Lythraceae
22	74.19	14.91	Hankon (Karwar)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
23	74.19	14.91	Hankon (Karwar)	<i>Rotula aquatica</i>	E	LC	Lythraceae
24	74.19	14.91	Hankon (Karwar)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
25	74.19	14.91	Hankon (Karwar)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
26	74.19	14.91	Hankon (Karwar)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
27	74.19	14.91	Hankon (Karwar)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
28	74.19	14.91	Hankon (Karwar)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
29	74.19	14.91	Hankon (Karwar)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
30	74.19	14.91	Hankon (Karwar)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
31	74.19	14.91	Hankon (Karwar)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
32	74.19	14.91	Hankon (Karwar)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
33	74.19	14.91	Hankon (Karwar)	<i>Eclipta alba</i>	E	NE	Compositae
34	74.19	14.91	Hankon (Karwar)	<i>Cyperus iria</i>	E	NE	Cyperaceae
35	74.19	14.91	Hankon (Karwar)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
36	74.19	14.91	Hankon (Karwar)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
37	74.19	14.91	Hankon (Karwar)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
38	74.19	14.91	Hankon (Karwar)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
39	74.19	14.91	Hankon (Karwar)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
40	74.19	14.91	Hankon (Karwar)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
41	74.19	14.91	Hankon (Karwar)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
42	74.19	14.91	Hankon (Karwar)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
43	74.19	14.91	Hankon (Karwar)	<i>Weisneria triandra</i>	E	T	Alismataceae
44	74.24	14.77	Amdalli (Ankola)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
45	74.24	14.77	Amdalli (Ankola)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
46	74.24	14.77	Amdalli (Ankola)	<i>Commelina diffusa</i>	E	LC	Commelinaceae

ANNEXURE I: Flora of Uttara Kannada district

47	74.24	14.77	Amdalli (Ankola)	<i>Grangea maderaspatana</i>	E	LC	Compositae
48	74.24	14.77	Amdalli (Ankola)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
49	74.24	14.77	Amdalli (Ankola)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
50	74.24	14.77	Amdalli (Ankola)	<i>Drosera burmannii</i>	E	LC	Droseraceae
51	74.24	14.77	Amdalli (Ankola)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
52	74.24	14.77	Amdalli (Ankola)	<i>Eriocaulon dalzellii</i>	E	LC	Eriocaulaceae
53	74.24	14.77	Amdalli (Ankola)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
54	74.24	14.77	Amdalli (Ankola)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
55	74.24	14.77	Amdalli (Ankola)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
56	74.24	14.77	Amdalli (Ankola)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
57	74.24	14.77	Amdalli (Ankola)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
58	74.24	14.77	Amdalli (Ankola)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
59	74.24	14.77	Amdalli (Ankola)	<i>Ischaemum molle</i>	E	LC	Gramineae
60	74.24	14.77	Amdalli (Ankola)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
61	74.24	14.77	Amdalli (Ankola)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
62	74.24	14.77	Amdalli (Ankola)	<i>Rotala indica</i>	E	LC	Lythraceae
63	74.24	14.77	Amdalli (Ankola)	<i>Rotala macrandra</i>	E	LC	Lythraceae
64	74.24	14.77	Amdalli (Ankola)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
65	74.24	14.77	Amdalli (Ankola)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
66	74.24	14.77	Amdalli (Ankola)	<i>Rotula aquatica</i>	E	LC	Lythraceae
67	74.24	14.77	Amdalli (Ankola)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
68	74.24	14.77	Amdalli (Ankola)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
69	74.24	14.77	Amdalli (Ankola)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
70	74.24	14.77	Amdalli (Ankola)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
71	74.24	14.77	Amdalli (Ankola)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
72	74.24	14.77	Amdalli (Ankola)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
73	74.24	14.77	Amdalli (Ankola)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
74	74.24	14.77	Amdalli (Ankola)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
75	74.24	14.77	Amdalli (Ankola)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
76	74.24	14.77	Amdalli (Ankola)	<i>Eclipta alba</i>	E	NE	Compositae
77	74.24	14.77	Amdalli (Ankola)	<i>Cyperus iria</i>	E	NE	Cyperaceae
78	74.24	14.77	Amdalli (Ankola)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
79	74.24	14.77	Amdalli (Ankola)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
80	74.24	14.77	Amdalli (Ankola)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
81	74.24	14.77	Amdalli (Ankola)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
82	74.24	14.77	Amdalli (Ankola)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
83	74.24	14.77	Amdalli (Ankola)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
84	74.24	14.77	Amdalli (Ankola)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
85	74.24	14.77	Amdalli (Ankola)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
86	74.24	14.77	Amdalli (Ankola)	<i>Weisneria triandra</i>	E	T	Alismataceae
87	74.24	14.86	Sailwada (Karwar)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
88	74.24	14.86	Sailwada (Karwar)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
89	74.24	14.86	Sailwada (Karwar)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
90	74.24	14.86	Sailwada (Karwar)	<i>Grangea maderaspatana</i>	E	LC	Compositae
91	74.24	14.86	Sailwada (Karwar)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
92	74.24	14.86	Sailwada (Karwar)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
93	74.24	14.86	Sailwada (Karwar)	<i>Drosera burmannii</i>	E	LC	Droseraceae
94	74.24	14.86	Sailwada (Karwar)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
95	74.24	14.86	Sailwada (Karwar)	<i>Eriocaulon dalzellii</i>	E	LC	Eriocaulaceae
96	74.24	14.86	Sailwada (Karwar)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae

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97	74.24	14.86	Sailwada (Karwar)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
98	74.24	14.86	Sailwada (Karwar)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
99	74.24	14.86	Sailwada (Karwar)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
100	74.24	14.86	Sailwada (Karwar)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
101	74.24	14.86	Sailwada (Karwar)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
102	74.24	14.86	Sailwada (Karwar)	<i>Ischaemum molle</i>	E	LC	Gramineae
103	74.24	14.86	Sailwada (Karwar)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
104	74.24	14.86	Sailwada (Karwar)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
105	74.24	14.86	Sailwada (Karwar)	<i>Rotala indica</i>	E	LC	Lythraceae
106	74.24	14.86	Sailwada (Karwar)	<i>Rotala macrandra</i>	E	LC	Lythraceae
107	74.24	14.86	Sailwada (Karwar)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
108	74.24	14.86	Sailwada (Karwar)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
109	74.24	14.86	Sailwada (Karwar)	<i>Rotula aquatica</i>	E	LC	Lythraceae
110	74.24	14.86	Sailwada (Karwar)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
111	74.24	14.86	Sailwada (Karwar)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
112	74.24	14.86	Sailwada (Karwar)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
113	74.24	14.86	Sailwada (Karwar)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
114	74.24	14.86	Sailwada (Karwar)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
115	74.24	14.86	Sailwada (Karwar)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
116	74.24	14.86	Sailwada (Karwar)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
117	74.24	14.86	Sailwada (Karwar)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
118	74.24	14.86	Sailwada (Karwar)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
119	74.24	14.86	Sailwada (Karwar)	<i>Eclipta alba</i>	E	NE	Compositae
120	74.24	14.86	Sailwada (Karwar)	<i>Cyperus iria</i>	E	NE	Cyperaceae
121	74.24	14.86	Sailwada (Karwar)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
122	74.24	14.86	Sailwada (Karwar)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
123	74.24	14.86	Sailwada (Karwar)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
124	74.24	14.86	Sailwada (Karwar)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
125	74.24	14.86	Sailwada (Karwar)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
126	74.24	14.86	Sailwada (Karwar)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
127	74.24	14.86	Sailwada (Karwar)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
128	74.24	14.86	Sailwada (Karwar)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
129	74.24	14.86	Sailwada (Karwar)	<i>Weisneria triandra</i>	E	T	Alismataceae
130	74.29	15.24	Diggie (Joida)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
131	74.29	15.24	Diggie (Joida)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
132	74.29	15.24	Diggie (Joida)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
133	74.29	15.24	Diggie (Joida)	<i>Grangea maderaspatana</i>	E	LC	Compositae
134	74.29	15.24	Diggie (Joida)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
135	74.29	15.24	Diggie (Joida)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
136	74.29	15.24	Diggie (Joida)	<i>Drosera burmannii</i>	E	LC	Droseraceae
137	74.29	15.24	Diggie (Joida)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
138	74.29	15.24	Diggie (Joida)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
139	74.29	15.24	Diggie (Joida)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
140	74.29	15.24	Diggie (Joida)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
141	74.29	15.24	Diggie (Joida)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
142	74.29	15.24	Diggie (Joida)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
143	74.29	15.24	Diggie (Joida)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
144	74.29	15.24	Diggie (Joida)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
145	74.29	15.24	Diggie (Joida)	<i>Ischaemum molle</i>	E	LC	Gramineae
146	74.29	15.24	Diggie (Joida)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae

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147	74.29	15.24	Diggie (Joida)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
148	74.29	15.24	Diggie (Joida)	<i>Rotala indica</i>	E	LC	Lythraceae
149	74.29	15.24	Diggie (Joida)	<i>Rotala macrandra</i>	E	LC	Lythraceae
150	74.29	15.24	Diggie (Joida)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
151	74.29	15.24	Diggie (Joida)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
152	74.29	15.24	Diggie (Joida)	<i>Rotula aquatica</i>	E	LC	Lythraceae
153	74.29	15.24	Diggie (Joida)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
154	74.29	15.24	Diggie (Joida)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
155	74.29	15.24	Diggie (Joida)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
156	74.29	15.24	Diggie (Joida)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
157	74.29	15.24	Diggie (Joida)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
158	74.29	15.24	Diggie (Joida)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
159	74.29	15.24	Diggie (Joida)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
160	74.29	15.24	Diggie (Joida)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
161	74.29	15.24	Diggie (Joida)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
162	74.29	15.24	Diggie (Joida)	<i>Eclipta alba</i>	E	NE	Compositae
163	74.29	15.24	Diggie (Joida)	<i>Cyperus iria</i>	E	NE	Cyperaceae
164	74.29	15.24	Diggie (Joida)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
165	74.29	15.24	Diggie (Joida)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
166	74.29	15.24	Diggie (Joida)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
167	74.29	15.24	Diggie (Joida)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
168	74.29	15.24	Diggie (Joida)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
169	74.29	15.24	Diggie (Joida)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
170	74.29	15.24	Diggie (Joida)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
171	74.29	15.24	Diggie (Joida)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
172	74.29	15.24	Diggie (Joida)	<i>Weisneria triandra</i>	E	T	Alismataceae
173	74.29	14.81	Chittakula (Karwar)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
174	74.29	14.81	Chittakula (Karwar)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
175	74.29	14.81	Chittakula (Karwar)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
176	74.29	14.81	Chittakula (Karwar)	<i>Grangea maderaspatana</i>	E	LC	Compositae
177	74.29	14.81	Chittakula (Karwar)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
178	74.29	14.81	Chittakula (Karwar)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
179	74.29	14.81	Chittakula (Karwar)	<i>Drosera burmannii</i>	E	LC	Droseraceae
180	74.29	14.81	Chittakula (Karwar)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
181	74.29	14.81	Chittakula (Karwar)	<i>Eriocaulon dalzellii</i>	E	LC	Eriocaulaceae
182	74.29	14.81	Chittakula (Karwar)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
183	74.29	14.81	Chittakula (Karwar)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
184	74.29	14.81	Chittakula (Karwar)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
185	74.29	14.81	Chittakula (Karwar)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
186	74.29	14.81	Chittakula (Karwar)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
187	74.29	14.81	Chittakula (Karwar)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
188	74.29	14.81	Chittakula (Karwar)	<i>Ischaemum molle</i>	E	LC	Gramineae
189	74.29	14.81	Chittakula (Karwar)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
190	74.29	14.81	Chittakula (Karwar)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
191	74.29	14.81	Chittakula (Karwar)	<i>Rotala indica</i>	E	LC	Lythraceae
192	74.29	14.81	Chittakula (Karwar)	<i>Rotala macrandra</i>	E	LC	Lythraceae
193	74.29	14.81	Chittakula (Karwar)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
194	74.29	14.81	Chittakula (Karwar)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
195	74.29	14.81	Chittakula (Karwar)	<i>Rotula aquatica</i>	E	LC	Lythraceae
196	74.29	14.81	Chittakula (Karwar)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae

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197	74.29	14.81	Chittakula (Karwar)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
198	74.29	14.81	Chittakula (Karwar)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
199	74.29	14.81	Chittakula (Karwar)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
200	74.29	14.81	Chittakula (Karwar)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
201	74.29	14.81	Chittakula (Karwar)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
202	74.29	14.81	Chittakula (Karwar)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
203	74.29	14.81	Chittakula (Karwar)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
204	74.29	14.81	Chittakula (Karwar)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
205	74.29	14.81	Chittakula (Karwar)	<i>Eclipta alba</i>	E	NE	Compositae
206	74.29	14.81	Chittakula (Karwar)	<i>Cyperus iria</i>	E	NE	Cyperaceae
207	74.29	14.81	Chittakula (Karwar)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
208	74.29	14.81	Chittakula (Karwar)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
209	74.29	14.81	Chittakula (Karwar)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
210	74.29	14.81	Chittakula (Karwar)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
211	74.29	14.81	Chittakula (Karwar)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
212	74.29	14.81	Chittakula (Karwar)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
213	74.29	14.81	Chittakula (Karwar)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
214	74.29	14.81	Chittakula (Karwar)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
215	74.29	14.81	Chittakula (Karwar)	<i>Weisneria triandra</i>	E	T	Alismataceae
216	74.33	15.00	Badpolli	<i>Hopea ponga</i>	E	EN	Dipterocarpaceae
217	74.33	15.00	Badpolli	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
218	74.33	15.00	Badpolli	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
219	74.33	15.00	Badpolli	<i>Holigarna arnottiana</i>	E	NE	Anacardiaceae
220	74.33	15.00	Badpolli	<i>Polyalthia fragrans</i>	E	NE	Annonaceae
221	74.33	15.00	Badpolli	<i>Caryota urens</i>	E	NE	Arecaceae
222	74.33	15.00	Badpolli	<i>Aristolochia indica</i>	E	NE	Aristolochiaceae
223	74.33	15.00	Badpolli	<i>Epaltes divaricata</i>	E	NE	Asteraceae
224	74.33	15.00	Badpolli	<i>Garcinia indica</i>	E	NE	Clusiaceae
225	74.33	15.00	Badpolli	<i>Mammea suriga</i>	E	NE	Clusiaceae
226	74.33	15.00	Badpolli	<i>Cyperus iria</i>	E	NE	Cyperaceae
227	74.33	15.00	Badpolli	<i>Alysicarpus vaginalis</i>	E	NE	Fabaceae
228	74.33	15.00	Badpolli	<i>Hydnocarpus laurifolia</i>	E	NE	Flacourtiaceae
229	74.33	15.00	Badpolli	<i>Litsea laevigata</i>	E	NE	Lauraceae
230	74.33	15.00	Badpolli	<i>Lagerstroemia macrocarpa</i>	E	NE	Lythraceae
231	74.33	15.00	Badpolli	<i>Memecylon talbotianum</i>	E	NE	Melastomataceae
232	74.33	15.00	Badpolli	<i>Artocarpus heterophyllus</i>	E	NE	Moraceae
233	74.33	15.00	Badpolli	<i>Artocarpus hirsuta</i>	E	NE	Moraceae
234	74.33	15.00	Badpolli	<i>Myristica malabarica</i>	E	NE	Myristicaceae
235	74.33	15.00	Badpolli	<i>Crotalaria filipes</i>	E	NE	Papilionaceae
236	74.33	15.00	Badpolli	<i>Dactyloctenium aegyptium</i>	E	NE	Poaceae
237	74.33	15.00	Badpolli	<i>Ixora brachiata</i>	E	NE	Rubiaceae
238	74.33	15.00	Badpolli	<i>Weisneria triandra</i>	E	T	Alismataceae
239	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
240	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
241	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
242	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Grangea maderaspatana</i>	E	LC	Compositae
243	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
244	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
245	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Drosera burmannii</i>	E	LC	Droseraceae
246	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae

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247	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
248	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
249	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
250	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
251	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
252	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
253	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
254	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Ischaemum molle</i>	E	LC	Gramineae
255	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
256	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
257	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Rotala indica</i>	E	LC	Lythraceae
258	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Rotala macrandra</i>	E	LC	Lythraceae
259	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
260	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
261	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Rotula aquatica</i>	E	LC	Lythraceae
262	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
263	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
264	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
265	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
266	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
267	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
268	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
269	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
270	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
271	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Eclipta alba</i>	E	NE	Compositae
272	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Cyperus iria</i>	E	NE	Cyperaceae
273	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
274	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
275	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
276	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
277	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
278	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
279	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
280	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
281	74.36	14.58	Heggerikere (Bargi-Kumta)	<i>Weisneria triandra</i>	E	T	Alismataceae
282	74.37	15.00	Anshighat	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
283	74.37	15.00	Anshighat	<i>Dimocarpus longan</i>	E/WG	VU	Sapindaceae
284	74.37	15.00	Anshighat	<i>Lagerstroemia macrocarpa</i>	E	NE	Lythraceae
285	74.37	15.00	Anshighat	<i>Nothopegia colebrookiana</i>	E/WG	NE	Anacardiaceae
286	74.37	15.00	Anshighat	<i>Knema attenuata</i>	E/WG	NE	Myristicaceae
287	74.38	14.99	Karwar	<i>Fimbristylis pubisquama</i>	E	NE	Cyperaceae
288	74.39	15.29	Bazarkunang (Joida)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
289	74.39	15.29	Bazarkunang (Joida)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
290	74.39	15.29	Bazarkunang (Joida)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
291	74.39	15.29	Bazarkunang (Joida)	<i>Grangea maderaspatana</i>	E	LC	Compositae
292	74.39	15.29	Bazarkunang (Joida)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
293	74.39	15.29	Bazarkunang (Joida)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
294	74.39	15.29	Bazarkunang (Joida)	<i>Drosera burmannii</i>	E	LC	Droseraceae
295	74.39	15.29	Bazarkunang (Joida)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
296	74.39	15.29	Bazarkunang (Joida)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae

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297	74.39	15.29	Bazarkunang (Joida)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
298	74.39	15.29	Bazarkunang (Joida)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
299	74.39	15.29	Bazarkunang (Joida)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
300	74.39	15.29	Bazarkunang (Joida)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
301	74.39	15.29	Bazarkunang (Joida)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
302	74.39	15.29	Bazarkunang (Joida)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
303	74.39	15.29	Bazarkunang (Joida)	<i>Ischaemum molle</i>	E	LC	Gramineae
304	74.39	15.29	Bazarkunang (Joida)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
305	74.39	15.29	Bazarkunang (Joida)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
306	74.39	15.29	Bazarkunang (Joida)	<i>Rotala indica</i>	E	LC	Lythraceae
307	74.39	15.29	Bazarkunang (Joida)	<i>Rotala macrandra</i>	E	LC	Lythraceae
308	74.39	15.29	Bazarkunang (Joida)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
309	74.39	15.29	Bazarkunang (Joida)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
310	74.39	15.29	Bazarkunang (Joida)	<i>Rotula aquaticia</i>	E	LC	Lythraceae
311	74.39	15.29	Bazarkunang (Joida)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
312	74.39	15.29	Bazarkunang (Joida)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
313	74.39	15.29	Bazarkunang (Joida)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
314	74.39	15.29	Bazarkunang (Joida)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
315	74.39	15.29	Bazarkunang (Joida)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
316	74.39	15.29	Bazarkunang (Joida)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
317	74.39	15.29	Bazarkunang (Joida)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
318	74.39	15.29	Bazarkunang (Joida)	<i>Amiscophacelus axillaris</i>	E	NE	Commelinaceae
319	74.39	15.29	Bazarkunang (Joida)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
320	74.39	15.29	Bazarkunang (Joida)	<i>Eclipta alba</i>	E	NE	Compositae
321	74.39	15.29	Bazarkunang (Joida)	<i>Cyperus iria</i>	E	NE	Cyperaceae
322	74.39	15.29	Bazarkunang (Joida)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
323	74.39	15.29	Bazarkunang (Joida)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
324	74.39	15.29	Bazarkunang (Joida)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
325	74.39	15.29	Bazarkunang (Joida)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
326	74.39	15.29	Bazarkunang (Joida)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
327	74.39	15.29	Bazarkunang (Joida)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
328	74.39	15.29	Bazarkunang (Joida)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
329	74.39	15.29	Bazarkunang (Joida)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
330	74.39	15.29	Bazarkunang (Joida)	<i>Weisneria triandra</i>	E	T	Alismataceae
331	74.41	14.49	Alvekodi (Kumta)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
332	74.41	14.49	Alvekodi (Kumta)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
333	74.41	14.49	Alvekodi (Kumta)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
334	74.41	14.49	Alvekodi (Kumta)	<i>Grangea maderaspatana</i>	E	LC	Compositae
335	74.41	14.49	Alvekodi (Kumta)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
336	74.41	14.49	Alvekodi (Kumta)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
337	74.41	14.49	Alvekodi (Kumta)	<i>Drosera burmannii</i>	E	LC	Droseraceae
338	74.41	14.49	Alvekodi (Kumta)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
339	74.41	14.49	Alvekodi (Kumta)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
340	74.41	14.49	Alvekodi (Kumta)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
341	74.41	14.49	Alvekodi (Kumta)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
342	74.41	14.49	Alvekodi (Kumta)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
343	74.41	14.49	Alvekodi (Kumta)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
344	74.41	14.49	Alvekodi (Kumta)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
345	74.41	14.49	Alvekodi (Kumta)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
346	74.41	14.49	Alvekodi (Kumta)	<i>Ischaemum molle</i>	E	LC	Gramineae

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347	74.41	14.49	Alvekodi (Kumta)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
348	74.41	14.49	Alvekodi (Kumta)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
349	74.41	14.49	Alvekodi (Kumta)	<i>Rotala indica</i>	E	LC	Lythraceae
350	74.41	14.49	Alvekodi (Kumta)	<i>Rotala macrandra</i>	E	LC	Lythraceae
351	74.41	14.49	Alvekodi (Kumta)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
352	74.41	14.49	Alvekodi (Kumta)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
353	74.41	14.49	Alvekodi (Kumta)	<i>Rotula aquatica</i>	E	LC	Lythraceae
354	74.41	14.49	Alvekodi (Kumta)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
355	74.41	14.49	Alvekodi (Kumta)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
356	74.41	14.49	Alvekodi (Kumta)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
357	74.41	14.49	Alvekodi (Kumta)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
358	74.41	14.49	Alvekodi (Kumta)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
359	74.41	14.49	Alvekodi (Kumta)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
360	74.41	14.49	Alvekodi (Kumta)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
361	74.41	14.49	Alvekodi (Kumta)	<i>Amiscophacelus axillaris</i>	E	NE	Commelinaceae
362	74.41	14.49	Alvekodi (Kumta)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
363	74.41	14.49	Alvekodi (Kumta)	<i>Eclipta alba</i>	E	NE	Compositae
364	74.41	14.49	Alvekodi (Kumta)	<i>Cyperus iria</i>	E	NE	Cyperaceae
365	74.41	14.49	Alvekodi (Kumta)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
366	74.41	14.49	Alvekodi (Kumta)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
367	74.41	14.49	Alvekodi (Kumta)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
368	74.41	14.49	Alvekodi (Kumta)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
369	74.41	14.49	Alvekodi (Kumta)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
370	74.41	14.49	Alvekodi (Kumta)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
371	74.41	14.49	Alvekodi (Kumta)	<i>Centella asiatica</i>	E	NE	Macklinayaceae
372	74.41	14.49	Alvekodi (Kumta)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
373	74.41	14.49	Alvekodi (Kumta)	<i>Weisneria triandra</i>	E	T	Alismataceae
374	74.42	14.49	Mirzan	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
375	74.42	14.37	Holegadde (Kumta)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
376	74.42	14.37	Holegadde (Kumta)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
377	74.42	14.37	Holegadde (Kumta)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
378	74.42	14.37	Holegadde (Kumta)	<i>Grangea maderaspatana</i>	E	LC	Compositae
379	74.42	14.37	Holegadde (Kumta)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
380	74.42	14.37	Holegadde (Kumta)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
381	74.42	14.37	Holegadde (Kumta)	<i>Drosera burmannii</i>	E	LC	Droseraceae
382	74.42	14.37	Holegadde (Kumta)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
383	74.42	14.37	Holegadde (Kumta)	<i>Eriocaulon dalzellii</i>	E	LC	Eriocaulaceae
384	74.42	14.37	Holegadde (Kumta)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
385	74.42	14.37	Holegadde (Kumta)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
386	74.42	14.37	Holegadde (Kumta)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
387	74.42	14.37	Holegadde (Kumta)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
388	74.42	14.37	Holegadde (Kumta)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
389	74.42	14.37	Holegadde (Kumta)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
390	74.42	14.37	Holegadde (Kumta)	<i>Ischaemum molle</i>	E	LC	Gramineae
391	74.42	14.37	Holegadde (Kumta)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
392	74.42	14.37	Holegadde (Kumta)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
393	74.42	14.37	Holegadde (Kumta)	<i>Rotala indica</i>	E	LC	Lythraceae
394	74.42	14.37	Holegadde (Kumta)	<i>Rotala macrandra</i>	E	LC	Lythraceae
395	74.42	14.37	Holegadde (Kumta)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
396	74.42	14.37	Holegadde (Kumta)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae

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397	74.42	14.37	Holegadde (Kumta)	<i>Rotula aquatica</i>	E	LC	Lythraceae
398	74.42	14.37	Holegadde (Kumta)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
399	74.42	14.37	Holegadde (Kumta)	<i>Lindernia crustacea</i>	E	LC	Scrophulariaceae
400	74.42	14.37	Holegadde (Kumta)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
401	74.42	14.37	Holegadde (Kumta)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
402	74.42	14.37	Holegadde (Kumta)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
403	74.42	14.37	Holegadde (Kumta)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
404	74.42	14.37	Holegadde (Kumta)	<i>Amiscophacelus axillaris</i>	E	NE	Commelinaceae
405	74.42	14.37	Holegadde (Kumta)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
406	74.42	14.37	Holegadde (Kumta)	<i>Eclipta alba</i>	E	NE	Compositae
407	74.42	14.37	Holegadde (Kumta)	<i>Cyperus iria</i>	E	NE	Cyperaceae
408	74.42	14.37	Holegadde (Kumta)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
409	74.42	14.37	Holegadde (Kumta)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
410	74.42	14.37	Holegadde (Kumta)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
411	74.42	14.37	Holegadde (Kumta)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
412	74.42	14.37	Holegadde (Kumta)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
413	74.42	14.37	Holegadde (Kumta)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
414	74.42	14.37	Holegadde (Kumta)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
415	74.42	14.37	Holegadde (Kumta)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
416	74.42	14.37	Holegadde (Kumta)	<i>Weisneria triandra</i>	E	T	Alismataceae
417	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
418	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
419	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Commelina diffusa</i>	E	LC	Commelinaceae
420	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Grangea maderaspatana</i>	E	LC	Compositae
421	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
422	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
423	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Drosera burmannii</i>	E	LC	Droseraceae
424	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
425	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
426	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
427	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
428	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
429	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
430	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
431	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
432	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Ischaemum molle</i>	E	LC	Gramineae
433	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
434	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Ammannia baccifera</i>	E	LC	Lythraceae
435	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Rotala indica</i>	E	LC	Lythraceae
436	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Rotala macrandra</i>	E	LC	Lythraceae
437	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
438	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
439	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Rotula aquatica</i>	E	LC	Lythraceae
440	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
441	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Lindernia crustacea</i>	E	LC	Scrophulariaceae
442	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Lagenandra meeboldii</i>	E	NE	Araceae
443	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
444	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Epaltes divaricata</i>	E	NE	Asteraceae
445	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
446	74.43	14.56	Bramur-Nagur Cross (Mirj	<i>Coldenia procumbens</i>	E	NE	Boraginaceae

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447	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Amiscophacelus axillaris</i>	E	NE	Commelinaceae
448	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
449	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Eclipta alba</i>	E	NE	Compositae
450	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Cyperus iria</i>	E	NE	Cyperaceae
451	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
452	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
453	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
454	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
455	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
456	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
457	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
458	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
459	74.43	14.56	Bramur-Nagur Cross (Mirj)	<i>Weisneria triandra</i>	E	T	Alismataceae
460	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
461	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
462	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
463	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Grangea maderaspatana</i>	E	LC	Compositae
464	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
465	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
466	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Drosera burmannii</i>	E	LC	Droseraceae
467	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
468	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
469	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
470	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
471	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
472	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
473	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
474	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
475	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Ischaemum molle</i>	E	LC	Gramineae
476	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
477	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
478	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Rotala indica</i>	E	LC	Lythraceae
479	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Rotala macrandra</i>	E	LC	Lythraceae
480	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
481	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
482	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Rotula aquatica</i>	E	LC	Lythraceae
483	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
484	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
485	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
486	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
487	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
488	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
489	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
490	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Amiscophacelus axillaris</i>	E	NE	Commelinaceae
491	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
492	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Eclipta alba</i>	E	NE	Compositae
493	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Cyperus iria</i>	E	NE	Cyperaceae
494	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
495	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
496	74.43	14.33	Chandrani-Haldipur (Honn)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae

ANNEXURE I: Flora of Uttara Kannada district

497	74.43	14.33	Chandrani-Haldipur (Honn	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
498	74.43	14.33	Chandrani-Haldipur (Honn	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
499	74.43	14.33	Chandrani-Haldipur (Honn	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
500	74.43	14.33	Chandrani-Haldipur (Honn	<i>Centella asiatica</i>	E	NE	Macklinlayaceae
501	74.43	14.33	Chandrani-Haldipur (Honn	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
502	74.43	14.33	Chandrani-Haldipur (Honn	<i>Weisneria triandra</i>	E	T	Alismataceae
503	74.43	14.27	Kasargod (Honnaver)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
504	74.43	14.27	Kasargod (Honnaver)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
505	74.43	14.27	Kasargod (Honnaver)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
506	74.43	14.27	Kasargod (Honnaver)	<i>Grangea maderaspatana</i>	E	LC	Compositae
507	74.43	14.27	Kasargod (Honnaver)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
508	74.43	14.27	Kasargod (Honnaver)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
509	74.43	14.27	Kasargod (Honnaver)	<i>Drosera burmannii</i>	E	LC	Droseraceae
510	74.43	14.27	Kasargod (Honnaver)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
511	74.43	14.27	Kasargod (Honnaver)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
512	74.43	14.27	Kasargod (Honnaver)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
513	74.43	14.27	Kasargod (Honnaver)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
514	74.43	14.27	Kasargod (Honnaver)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
515	74.43	14.27	Kasargod (Honnaver)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
516	74.43	14.27	Kasargod (Honnaver)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
517	74.43	14.27	Kasargod (Honnaver)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
518	74.43	14.27	Kasargod (Honnaver)	<i>Ischaemum molle</i>	E	LC	Gramineae
519	74.43	14.27	Kasargod (Honnaver)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
520	74.43	14.27	Kasargod (Honnaver)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
521	74.43	14.27	Kasargod (Honnaver)	<i>Rotala indica</i>	E	LC	Lythraceae
522	74.43	14.27	Kasargod (Honnaver)	<i>Rotala macrandra</i>	E	LC	Lythraceae
523	74.43	14.27	Kasargod (Honnaver)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
524	74.43	14.27	Kasargod (Honnaver)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
525	74.43	14.27	Kasargod (Honnaver)	<i>Rotala aquatica</i>	E	LC	Lythraceae
526	74.43	14.27	Kasargod (Honnaver)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
527	74.43	14.27	Kasargod (Honnaver)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
528	74.43	14.27	Kasargod (Honnaver)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
529	74.43	14.27	Kasargod (Honnaver)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
530	74.43	14.27	Kasargod (Honnaver)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
531	74.43	14.27	Kasargod (Honnaver)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
532	74.43	14.27	Kasargod (Honnaver)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
533	74.43	14.27	Kasargod (Honnaver)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
534	74.43	14.27	Kasargod (Honnaver)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
535	74.43	14.27	Kasargod (Honnaver)	<i>Eclipta alba</i>	E	NE	Compositae
536	74.43	14.27	Kasargod (Honnaver)	<i>Cyperus iria</i>	E	NE	Cyperaceae
537	74.43	14.27	Kasargod (Honnaver)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
538	74.43	14.27	Kasargod (Honnaver)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
539	74.43	14.27	Kasargod (Honnaver)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
540	74.43	14.27	Kasargod (Honnaver)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
541	74.43	14.27	Kasargod (Honnaver)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
542	74.43	14.27	Kasargod (Honnaver)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
543	74.43	14.27	Kasargod (Honnaver)	<i>Centella asiatica</i>	E	NE	Macklinlayaceae
544	74.43	14.27	Kasargod (Honnaver)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
545	74.43	14.27	Kasargod (Honnaver)	<i>Weisneria triandra</i>	E	T	Alismataceae
546	74.44	14.26	Muguli (Honnavar)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae

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547	74.44	14.26	Muguli (Honnavar)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
548	74.44	14.26	Muguli (Honnavar)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
549	74.44	14.26	Muguli (Honnavar)	<i>Grangea maderaspatana</i>	E	LC	Compositae
550	74.44	14.26	Muguli (Honnavar)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
551	74.44	14.26	Muguli (Honnavar)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
552	74.44	14.26	Muguli (Honnavar)	<i>Drosera burmannii</i>	E	LC	Droseraceae
553	74.44	14.26	Muguli (Honnavar)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
554	74.44	14.26	Muguli (Honnavar)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
555	74.44	14.26	Muguli (Honnavar)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
556	74.44	14.26	Muguli (Honnavar)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
557	74.44	14.26	Muguli (Honnavar)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
558	74.44	14.26	Muguli (Honnavar)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
559	74.44	14.26	Muguli (Honnavar)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
560	74.44	14.26	Muguli (Honnavar)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
561	74.44	14.26	Muguli (Honnavar)	<i>Ischaemum molle</i>	E	LC	Gramineae
562	74.44	14.26	Muguli (Honnavar)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
563	74.44	14.26	Muguli (Honnavar)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
564	74.44	14.26	Muguli (Honnavar)	<i>Rotala indica</i>	E	LC	Lythraceae
565	74.44	14.26	Muguli (Honnavar)	<i>Rotala macrandra</i>	E	LC	Lythraceae
566	74.44	14.26	Muguli (Honnavar)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
567	74.44	14.26	Muguli (Honnavar)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
568	74.44	14.26	Muguli (Honnavar)	<i>Rotula aquatica</i>	E	LC	Lythraceae
569	74.44	14.26	Muguli (Honnavar)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
570	74.44	14.26	Muguli (Honnavar)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
571	74.44	14.26	Muguli (Honnavar)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
572	74.44	14.26	Muguli (Honnavar)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
573	74.44	14.26	Muguli (Honnavar)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
574	74.44	14.26	Muguli (Honnavar)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
575	74.44	14.26	Muguli (Honnavar)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
576	74.44	14.26	Muguli (Honnavar)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
577	74.44	14.26	Muguli (Honnavar)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
578	74.44	14.26	Muguli (Honnavar)	<i>Eclipta alba</i>	E	NE	Compositae
579	74.44	14.26	Muguli (Honnavar)	<i>Cyperus iria</i>	E	NE	Cyperaceae
580	74.44	14.26	Muguli (Honnavar)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
581	74.44	14.26	Muguli (Honnavar)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
582	74.44	14.26	Muguli (Honnavar)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
583	74.44	14.26	Muguli (Honnavar)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
584	74.44	14.26	Muguli (Honnavar)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
585	74.44	14.26	Muguli (Honnavar)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
586	74.44	14.26	Muguli (Honnavar)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
587	74.44	14.26	Muguli (Honnavar)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
588	74.44	14.26	Muguli (Honnavar)	<i>Weisneria triandra</i>	E	T	Alismataceae
589	74.44	14.30	Badagani-Haldipur (Honna	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
590	74.44	14.30	Badagani-Haldipur (Honna	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
591	74.44	14.30	Badagani-Haldipur (Honna	<i>Commelina diffusa</i>	E	LC	Commelinaceae
592	74.44	14.30	Badagani-Haldipur (Honna	<i>Grangea maderaspatana</i>	E	LC	Compositae
593	74.44	14.30	Badagani-Haldipur (Honna	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
594	74.44	14.30	Badagani-Haldipur (Honna	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
595	74.44	14.30	Badagani-Haldipur (Honna	<i>Drosera burmannii</i>	E	LC	Droseraceae
596	74.44	14.30	Badagani-Haldipur (Honna	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae

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597	74.44	14.30	Badagani-Haldipur (Honna)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
598	74.44	14.30	Badagani-Haldipur (Honna)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
599	74.44	14.30	Badagani-Haldipur (Honna)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
600	74.44	14.30	Badagani-Haldipur (Honna)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
601	74.44	14.30	Badagani-Haldipur (Honna)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
602	74.44	14.30	Badagani-Haldipur (Honna)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
603	74.44	14.30	Badagani-Haldipur (Honna)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
604	74.44	14.30	Badagani-Haldipur (Honna)	<i>Ischaemum molle</i>	E	LC	Gramineae
605	74.44	14.30	Badagani-Haldipur (Honna)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
606	74.44	14.30	Badagani-Haldipur (Honna)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
607	74.44	14.30	Badagani-Haldipur (Honna)	<i>Rotala indica</i>	E	LC	Lythraceae
608	74.44	14.30	Badagani-Haldipur (Honna)	<i>Rotala macrandra</i>	E	LC	Lythraceae
609	74.44	14.30	Badagani-Haldipur (Honna)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
610	74.44	14.30	Badagani-Haldipur (Honna)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
611	74.44	14.30	Badagani-Haldipur (Honna)	<i>Rotala aquatica</i>	E	LC	Lythraceae
612	74.44	14.30	Badagani-Haldipur (Honna)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
613	74.44	14.30	Badagani-Haldipur (Honna)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
614	74.44	14.30	Badagani-Haldipur (Honna)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
615	74.44	14.30	Badagani-Haldipur (Honna)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
616	74.44	14.30	Badagani-Haldipur (Honna)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
617	74.44	14.30	Badagani-Haldipur (Honna)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
618	74.44	14.30	Badagani-Haldipur (Honna)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
619	74.44	14.30	Badagani-Haldipur (Honna)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
620	74.44	14.30	Badagani-Haldipur (Honna)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
621	74.44	14.30	Badagani-Haldipur (Honna)	<i>Eclipta alba</i>	E	NE	Compositae
622	74.44	14.30	Badagani-Haldipur (Honna)	<i>Cyperus iria</i>	E	NE	Cyperaceae
623	74.44	14.30	Badagani-Haldipur (Honna)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
624	74.44	14.30	Badagani-Haldipur (Honna)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
625	74.44	14.30	Badagani-Haldipur (Honna)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
626	74.44	14.30	Badagani-Haldipur (Honna)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
627	74.44	14.30	Badagani-Haldipur (Honna)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
628	74.44	14.30	Badagani-Haldipur (Honna)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
629	74.44	14.30	Badagani-Haldipur (Honna)	<i>Centella asiatica</i>	E	NE	Macklinayaceae
630	74.44	14.30	Badagani-Haldipur (Honna)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
631	74.44	14.30	Badagani-Haldipur (Honna)	<i>Weisneria triandra</i>	E	T	Alismataceae
632	74.44	14.51	Nagur	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
633	74.44	14.51	Nagur	<i>Nothopegia colebrookiana</i>	E/WG	NE	Anacardiaceae
634	74.44	14.51	Nagur	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
635	74.44	14.51	Nagur	<i>Actinodaphne hookeri</i>	E/WG	T	Lauraceae
636	74.45	14.24	Apsarakonda (Honnaveer)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
637	74.45	14.24	Apsarakonda (Honnaveer)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
638	74.45	14.24	Apsarakonda (Honnaveer)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
639	74.45	14.24	Apsarakonda (Honnaveer)	<i>Grangea maderaspatana</i>	E	LC	Compositae
640	74.45	14.24	Apsarakonda (Honnaveer)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
641	74.45	14.24	Apsarakonda (Honnaveer)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
642	74.45	14.24	Apsarakonda (Honnaveer)	<i>Drosera burmannii</i>	E	LC	Droseraceae
643	74.45	14.24	Apsarakonda (Honnaveer)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
644	74.45	14.24	Apsarakonda (Honnaveer)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
645	74.45	14.24	Apsarakonda (Honnaveer)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
646	74.45	14.24	Apsarakonda (Honnaveer)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae

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647	74.45	14.24	Apsarakonda (Honnaver)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
648	74.45	14.24	Apsarakonda (Honnaver)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
649	74.45	14.24	Apsarakonda (Honnaver)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
650	74.45	14.24	Apsarakonda (Honnaver)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
651	74.45	14.24	Apsarakonda (Honnaver)	<i>Ischaemum molle</i>	E	LC	Gramineae
652	74.45	14.24	Apsarakonda (Honnaver)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
653	74.45	14.24	Apsarakonda (Honnaver)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
654	74.45	14.24	Apsarakonda (Honnaver)	<i>Rotala indica</i>	E	LC	Lythraceae
655	74.45	14.24	Apsarakonda (Honnaver)	<i>Rotala macrandra</i>	E	LC	Lythraceae
656	74.45	14.24	Apsarakonda (Honnaver)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
657	74.45	14.24	Apsarakonda (Honnaver)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
658	74.45	14.24	Apsarakonda (Honnaver)	<i>Rotula aquatica</i>	E	LC	Lythraceae
659	74.45	14.24	Apsarakonda (Honnaver)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
660	74.45	14.24	Apsarakonda (Honnaver)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
661	74.45	14.24	Apsarakonda (Honnaver)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
662	74.45	14.24	Apsarakonda (Honnaver)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
663	74.45	14.24	Apsarakonda (Honnaver)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
664	74.45	14.24	Apsarakonda (Honnaver)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
665	74.45	14.24	Apsarakonda (Honnaver)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
666	74.45	14.24	Apsarakonda (Honnaver)	<i>Amiscomphacelus axillaris</i>	E	NE	Commelinaceae
667	74.45	14.24	Apsarakonda (Honnaver)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
668	74.45	14.24	Apsarakonda (Honnaver)	<i>Eclipta alba</i>	E	NE	Compositae
669	74.45	14.24	Apsarakonda (Honnaver)	<i>Cyperus iria</i>	E	NE	Cyperaceae
670	74.45	14.24	Apsarakonda (Honnaver)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
671	74.45	14.24	Apsarakonda (Honnaver)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
672	74.45	14.24	Apsarakonda (Honnaver)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
673	74.45	14.24	Apsarakonda (Honnaver)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
674	74.45	14.24	Apsarakonda (Honnaver)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
675	74.45	14.24	Apsarakonda (Honnaver)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
676	74.45	14.24	Apsarakonda (Honnaver)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
677	74.45	14.24	Apsarakonda (Honnaver)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
678	74.45	14.24	Apsarakonda (Honnaver)	<i>Weisneria triandra</i>	E	T	Alismataceae
679	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
680	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
681	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
682	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Grangea maderaspatana</i>	E	LC	Compositae
683	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
684	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
685	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Drosera burmannii</i>	E	LC	Droseraceae
686	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
687	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
688	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
689	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
690	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
691	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
692	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
693	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
694	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Ischaemum molle</i>	E	LC	Gramineae
695	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
696	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Ammannia baccifera</i>	E	LC	Lythraceae

ANNEXURE I: Flora of Uttara Kannada district

697	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Rotala indica</i>	E	LC	Lythraceae
698	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Rotala macrandra</i>	E	LC	Lythraceae
699	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
700	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
701	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Rotula aquatica</i>	E	LC	Lythraceae
702	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
703	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
704	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
705	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
706	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
707	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
708	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
709	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
710	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
711	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
712	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Eclipta alba</i>	E	NE	Compositae
713	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Cyperus iria</i>	E	NE	Cyperaceae
714	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
715	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
716	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
717	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
718	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
719	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
720	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
721	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
722	74.46	14.22	Gunavanti-Nelikere (Honn)	<i>Weisneria triandra</i>	E	T	Alismataceae
723	74.47	15.10	Doodlimala (Joida)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
724	74.47	15.10	Doodlimala (Joida)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
725	74.47	15.10	Doodlimala (Joida)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
726	74.47	15.10	Doodlimala (Joida)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
727	74.47	15.10	Doodlimala (Joida)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
728	74.47	15.10	Doodlimala (Joida)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
729	74.47	15.10	Doodlimala (Joida)	<i>Grangea maderaspatana</i>	E	LC	Compositae
730	74.47	15.10	Doodlimala (Joida)	<i>Grangea maderaspatana</i>	E	LC	Compositae
731	74.47	15.10	Doodlimala (Joida)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
732	74.47	15.10	Doodlimala (Joida)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
733	74.47	15.10	Doodlimala (Joida)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
734	74.47	15.10	Doodlimala (Joida)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
735	74.47	15.10	Doodlimala (Joida)	<i>Drosera burmannii</i>	E	LC	Droseraceae
736	74.47	15.10	Doodlimala (Joida)	<i>Drosera burmannii</i>	E	LC	Droseraceae
737	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
738	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
739	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
740	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
741	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
742	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
743	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
744	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
745	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
746	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae

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747	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
748	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
749	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
750	74.47	15.10	Doodlimala (Joida)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
751	74.47	15.10	Doodlimala (Joida)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
752	74.47	15.10	Doodlimala (Joida)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
753	74.47	15.10	Doodlimala (Joida)	<i>Ischaemum molle</i>	E	LC	Gramineae
754	74.47	15.10	Doodlimala (Joida)	<i>Ischaemum molle</i>	E	LC	Gramineae
755	74.47	15.10	Doodlimala (Joida)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
756	74.47	15.10	Doodlimala (Joida)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
757	74.47	15.10	Doodlimala (Joida)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
758	74.47	15.10	Doodlimala (Joida)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
759	74.47	15.10	Doodlimala (Joida)	<i>Rotala indica</i>	E	LC	Lythraceae
760	74.47	15.10	Doodlimala (Joida)	<i>Rotala indica</i>	E	LC	Lythraceae
761	74.47	15.10	Doodlimala (Joida)	<i>Rotala macrandra</i>	E	LC	Lythraceae
762	74.47	15.10	Doodlimala (Joida)	<i>Rotala macrandra</i>	E	LC	Lythraceae
763	74.47	15.10	Doodlimala (Joida)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
764	74.47	15.10	Doodlimala (Joida)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
765	74.47	15.10	Doodlimala (Joida)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
766	74.47	15.10	Doodlimala (Joida)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
767	74.47	15.10	Doodlimala (Joida)	<i>Rotula aquatica</i>	E	LC	Lythraceae
768	74.47	15.10	Doodlimala (Joida)	<i>Rotula aquatica</i>	E	LC	Lythraceae
769	74.47	15.10	Doodlimala (Joida)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
770	74.47	15.10	Doodlimala (Joida)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
771	74.47	15.10	Doodlimala (Joida)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
772	74.47	15.10	Doodlimala (Joida)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
773	74.47	15.10	Doodlimala (Joida)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
774	74.47	15.10	Doodlimala (Joida)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
775	74.47	15.10	Doodlimala (Joida)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
776	74.47	15.10	Doodlimala (Joida)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
777	74.47	15.10	Doodlimala (Joida)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
778	74.47	15.10	Doodlimala (Joida)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
779	74.47	15.10	Doodlimala (Joida)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
780	74.47	15.10	Doodlimala (Joida)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
781	74.47	15.10	Doodlimala (Joida)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
782	74.47	15.10	Doodlimala (Joida)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
783	74.47	15.10	Doodlimala (Joida)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
784	74.47	15.10	Doodlimala (Joida)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
785	74.47	15.10	Doodlimala (Joida)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
786	74.47	15.10	Doodlimala (Joida)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
787	74.47	15.10	Doodlimala (Joida)	<i>Eclipta alba</i>	E	NE	Compositae
788	74.47	15.10	Doodlimala (Joida)	<i>Eclipta alba</i>	E	NE	Compositae
789	74.47	15.10	Doodlimala (Joida)	<i>Cyperus iria</i>	E	NE	Cyperaceae
790	74.47	15.10	Doodlimala (Joida)	<i>Cyperus iria</i>	E	NE	Cyperaceae
791	74.47	15.10	Doodlimala (Joida)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
792	74.47	15.10	Doodlimala (Joida)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
793	74.47	15.10	Doodlimala (Joida)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
794	74.47	15.10	Doodlimala (Joida)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
795	74.47	15.10	Doodlimala (Joida)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
796	74.47	15.10	Doodlimala (Joida)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae

ANNEXURE I: Flora of Uttara Kannada district

797	74.47	15.10	Doodlimala (Joida)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
798	74.47	15.10	Doodlimala (Joida)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
799	74.47	15.10	Doodlimala (Joida)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
800	74.47	15.10	Doodlimala (Joida)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
801	74.47	15.10	Doodlimala (Joida)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
802	74.47	15.10	Doodlimala (Joida)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
803	74.47	15.10	Doodlimala (Joida)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
804	74.47	15.10	Doodlimala (Joida)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
805	74.47	15.10	Doodlimala (Joida)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
806	74.47	15.10	Doodlimala (Joida)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
807	74.47	15.10	Doodlimala (Joida)	<i>Weisneria triandra</i>	E	T	Alismataceae
808	74.47	15.10	Doodlimala (Joida)	<i>Weisneria triandra</i>	E	T	Alismataceae
809	74.49	14.45	Kallabbe Forest	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
810	74.49	14.45	Kallabbe Forest	<i>Dimocarpus longan</i>	E/WG	VU	Sapindaceae
811	74.49	14.45	Kallabbe Forest	<i>Lagerstroemia macrocarpa</i>	E	NE	Lythraceae
812	74.49	14.45	Kallabbe Forest	<i>Nothopegia colebrookiana</i>	E/WG	NE	Anacardiaceae
813	74.49	14.45	Kallabbe Forest	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
814	74.49	14.45	Kallabbe Forest	<i>Knema attenuata</i>	E/WG	NE	Myristicaceae
815	74.51	14.27	Waatehalla (Honnavar)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
816	74.51	14.27	Waatehalla (Honnavar)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
817	74.51	14.27	Waatehalla (Honnavar)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
818	74.51	14.27	Waatehalla (Honnavar)	<i>Grangea maderaspatana</i>	E	LC	Compositae
819	74.51	14.27	Waatehalla (Honnavar)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
820	74.51	14.27	Waatehalla (Honnavar)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
821	74.51	14.27	Waatehalla (Honnavar)	<i>Drosera burmannii</i>	E	LC	Droseraceae
822	74.51	14.27	Waatehalla (Honnavar)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
823	74.51	14.27	Waatehalla (Honnavar)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
824	74.51	14.27	Waatehalla (Honnavar)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
825	74.51	14.27	Waatehalla (Honnavar)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
826	74.51	14.27	Waatehalla (Honnavar)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
827	74.51	14.27	Waatehalla (Honnavar)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
828	74.51	14.27	Waatehalla (Honnavar)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
829	74.51	14.27	Waatehalla (Honnavar)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
830	74.51	14.27	Waatehalla (Honnavar)	<i>Ischaemum molle</i>	E	LC	Gramineae
831	74.51	14.27	Waatehalla (Honnavar)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
832	74.51	14.27	Waatehalla (Honnavar)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
833	74.51	14.27	Waatehalla (Honnavar)	<i>Rotala indica</i>	E	LC	Lythraceae
834	74.51	14.27	Waatehalla (Honnavar)	<i>Rotala macrandra</i>	E	LC	Lythraceae
835	74.51	14.27	Waatehalla (Honnavar)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
836	74.51	14.27	Waatehalla (Honnavar)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
837	74.51	14.27	Waatehalla (Honnavar)	<i>Rotula aquatica</i>	E	LC	Lythraceae
838	74.51	14.27	Waatehalla (Honnavar)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
839	74.51	14.27	Waatehalla (Honnavar)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
840	74.51	14.27	Waatehalla (Honnavar)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
841	74.51	14.27	Waatehalla (Honnavar)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
842	74.51	14.27	Waatehalla (Honnavar)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
843	74.51	14.27	Waatehalla (Honnavar)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
844	74.51	14.27	Waatehalla (Honnavar)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
845	74.51	14.27	Waatehalla (Honnavar)	<i>Amiscophacelus axillaris</i>	E	NE	Commelinaceae
846	74.51	14.27	Waatehalla (Honnavar)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae

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847	74.51	14.27	Waatehalla (Honnavar)	<i>Eclipta alba</i>	E	NE	Compositae
848	74.51	14.27	Waatehalla (Honnavar)	<i>Cyperus iria</i>	E	NE	Cyperaceae
849	74.51	14.27	Waatehalla (Honnavar)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
850	74.51	14.27	Waatehalla (Honnavar)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
851	74.51	14.27	Waatehalla (Honnavar)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
852	74.51	14.27	Waatehalla (Honnavar)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
853	74.51	14.27	Waatehalla (Honnavar)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
854	74.51	14.27	Waatehalla (Honnavar)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
855	74.51	14.27	Waatehalla (Honnavar)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
856	74.51	14.27	Waatehalla (Honnavar)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
857	74.51	14.27	Waatehalla (Honnavar)	<i>Weisneria triandra</i>	E	T	Alismataceae
858	74.51	14.03	Shirali (Bhatkal)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
859	74.51	14.03	Shirali (Bhatkal)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
860	74.51	14.03	Shirali (Bhatkal)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
861	74.51	14.03	Shirali (Bhatkal)	<i>Grangea maderaspatana</i>	E	LC	Compositae
862	74.51	14.03	Shirali (Bhatkal)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
863	74.51	14.03	Shirali (Bhatkal)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
864	74.51	14.03	Shirali (Bhatkal)	<i>Drosera burmannii</i>	E	LC	Droseraceae
865	74.51	14.03	Shirali (Bhatkal)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
866	74.51	14.03	Shirali (Bhatkal)	<i>Eriocaulon dalzellii</i>	E	LC	Eriocaulaceae
867	74.51	14.03	Shirali (Bhatkal)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
868	74.51	14.03	Shirali (Bhatkal)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
869	74.51	14.03	Shirali (Bhatkal)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
870	74.51	14.03	Shirali (Bhatkal)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
871	74.51	14.03	Shirali (Bhatkal)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
872	74.51	14.03	Shirali (Bhatkal)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
873	74.51	14.03	Shirali (Bhatkal)	<i>Ischaemum molle</i>	E	LC	Gramineae
874	74.51	14.03	Shirali (Bhatkal)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
875	74.51	14.03	Shirali (Bhatkal)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
876	74.51	14.03	Shirali (Bhatkal)	<i>Rotala indica</i>	E	LC	Lythraceae
877	74.51	14.03	Shirali (Bhatkal)	<i>Rotala macrandra</i>	E	LC	Lythraceae
878	74.51	14.03	Shirali (Bhatkal)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
879	74.51	14.03	Shirali (Bhatkal)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
880	74.51	14.03	Shirali (Bhatkal)	<i>Rotula aquatica</i>	E	LC	Lythraceae
881	74.51	14.03	Shirali (Bhatkal)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
882	74.51	14.03	Shirali (Bhatkal)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
883	74.51	14.03	Shirali (Bhatkal)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
884	74.51	14.03	Shirali (Bhatkal)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
885	74.51	14.03	Shirali (Bhatkal)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
886	74.51	14.03	Shirali (Bhatkal)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
887	74.51	14.03	Shirali (Bhatkal)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
888	74.51	14.03	Shirali (Bhatkal)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
889	74.51	14.03	Shirali (Bhatkal)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
890	74.51	14.03	Shirali (Bhatkal)	<i>Eclipta alba</i>	E	NE	Compositae
891	74.51	14.03	Shirali (Bhatkal)	<i>Cyperus iria</i>	E	NE	Cyperaceae
892	74.51	14.03	Shirali (Bhatkal)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
893	74.51	14.03	Shirali (Bhatkal)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
894	74.51	14.03	Shirali (Bhatkal)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
895	74.51	14.03	Shirali (Bhatkal)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
896	74.51	14.03	Shirali (Bhatkal)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae

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897	74.51	14.03	Shirali (Bhatkal)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
898	74.51	14.03	Shirali (Bhatkal)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
899	74.51	14.03	Shirali (Bhatkal)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
900	74.51	14.03	Shirali (Bhatkal)	<i>Weisneria triandra</i>	E	T	Alismataceae
901	74.53	14.24	Karki (Honnavar)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
902	74.53	14.24	Karki (Honnavar)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
903	74.53	14.24	Karki (Honnavar)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
904	74.53	14.24	Karki (Honnavar)	<i>Grangea maderaspatana</i>	E	LC	Compositae
905	74.53	14.24	Karki (Honnavar)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
906	74.53	14.24	Karki (Honnavar)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
907	74.53	14.24	Karki (Honnavar)	<i>Drosera burmannii</i>	E	LC	Droseraceae
908	74.53	14.24	Karki (Honnavar)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
909	74.53	14.24	Karki (Honnavar)	<i>Eriocaulon dalzellii</i>	E	LC	Eriocaulaceae
910	74.53	14.24	Karki (Honnavar)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
911	74.53	14.24	Karki (Honnavar)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
912	74.53	14.24	Karki (Honnavar)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
913	74.53	14.24	Karki (Honnavar)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
914	74.53	14.24	Karki (Honnavar)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
915	74.53	14.24	Karki (Honnavar)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
916	74.53	14.24	Karki (Honnavar)	<i>Ischaemum molle</i>	E	LC	Gramineae
917	74.53	14.24	Karki (Honnavar)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
918	74.53	14.24	Karki (Honnavar)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
919	74.53	14.24	Karki (Honnavar)	<i>Rotala indica</i>	E	LC	Lythraceae
920	74.53	14.24	Karki (Honnavar)	<i>Rotala macrandra</i>	E	LC	Lythraceae
921	74.53	14.24	Karki (Honnavar)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
922	74.53	14.24	Karki (Honnavar)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
923	74.53	14.24	Karki (Honnavar)	<i>Rotula aquatica</i>	E	LC	Lythraceae
924	74.53	14.24	Karki (Honnavar)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
925	74.53	14.24	Karki (Honnavar)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
926	74.53	14.24	Karki (Honnavar)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
927	74.53	14.24	Karki (Honnavar)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
928	74.53	14.24	Karki (Honnavar)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
929	74.53	14.24	Karki (Honnavar)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
930	74.53	14.24	Karki (Honnavar)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
931	74.53	14.24	Karki (Honnavar)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
932	74.53	14.24	Karki (Honnavar)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
933	74.53	14.24	Karki (Honnavar)	<i>Eclipta alba</i>	E	NE	Compositae
934	74.53	14.24	Karki (Honnavar)	<i>Cyperus iria</i>	E	NE	Cyperaceae
935	74.53	14.24	Karki (Honnavar)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
936	74.53	14.24	Karki (Honnavar)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
937	74.53	14.24	Karki (Honnavar)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
938	74.53	14.24	Karki (Honnavar)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
939	74.53	14.24	Karki (Honnavar)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
940	74.53	14.24	Karki (Honnavar)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
941	74.53	14.24	Karki (Honnavar)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
942	74.53	14.24	Karki (Honnavar)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
943	74.53	14.24	Karki (Honnavar)	<i>Weisneria triandra</i>	E	T	Alismataceae
944	74.53	14.57	Yana Road	<i>Ochlandra rheedii</i>	E/WG	NE	Poaceae
945	74.54	14.25	Jalavalli-Karki (Honnave)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
946	74.54	14.25	Jalavalli-Karki (Honnave)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae

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947	74.54	14.25	Jalavalli-Karki (Honnave	<i>Commelina diffusa</i>	E	LC	Commelinaceae
948	74.54	14.25	Jalavalli-Karki (Honnave	<i>Grangea maderaspatana</i>	E	LC	Compositae
949	74.54	14.25	Jalavalli-Karki (Honnave	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
950	74.54	14.25	Jalavalli-Karki (Honnave	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
951	74.54	14.25	Jalavalli-Karki (Honnave	<i>Drosera burmannii</i>	E	LC	Droseraceae
952	74.54	14.25	Jalavalli-Karki (Honnave	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
953	74.54	14.25	Jalavalli-Karki (Honnave	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
954	74.54	14.25	Jalavalli-Karki (Honnave	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
955	74.54	14.25	Jalavalli-Karki (Honnave	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
956	74.54	14.25	Jalavalli-Karki (Honnave	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
957	74.54	14.25	Jalavalli-Karki (Honnave	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
958	74.54	14.25	Jalavalli-Karki (Honnave	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
959	74.54	14.25	Jalavalli-Karki (Honnave	<i>Hopaea fastigiata</i>	E	LC	Gentianaceae
960	74.54	14.25	Jalavalli-Karki (Honnave	<i>Ischaemum molle</i>	E	LC	Gramineae
961	74.54	14.25	Jalavalli-Karki (Honnave	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
962	74.54	14.25	Jalavalli-Karki (Honnave	<i>Ammannia baccifera</i>	E	LC	Lythraceae
963	74.54	14.25	Jalavalli-Karki (Honnave	<i>Rotala indica</i>	E	LC	Lythraceae
964	74.54	14.25	Jalavalli-Karki (Honnave	<i>Rotala macrandra</i>	E	LC	Lythraceae
965	74.54	14.25	Jalavalli-Karki (Honnave	<i>Rotala malampuzensis</i>	E	LC	Lythraceae
966	74.54	14.25	Jalavalli-Karki (Honnave	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
967	74.54	14.25	Jalavalli-Karki (Honnave	<i>Rotula aquatica</i>	E	LC	Lythraceae
968	74.54	14.25	Jalavalli-Karki (Honnave	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
969	74.54	14.25	Jalavalli-Karki (Honnave	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
970	74.54	14.25	Jalavalli-Karki (Honnave	<i>Lagenandra meeboldii</i>	E	NE	Araceae
971	74.54	14.25	Jalavalli-Karki (Honnave	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
972	74.54	14.25	Jalavalli-Karki (Honnave	<i>Epaltes divaricata</i>	E	NE	Asteraceae
973	74.54	14.25	Jalavalli-Karki (Honnave	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
974	74.54	14.25	Jalavalli-Karki (Honnave	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
975	74.54	14.25	Jalavalli-Karki (Honnave	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
976	74.54	14.25	Jalavalli-Karki (Honnave	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
977	74.54	14.25	Jalavalli-Karki (Honnave	<i>Eclipta alba</i>	E	NE	Compositae
978	74.54	14.25	Jalavalli-Karki (Honnave	<i>Cyperus iria</i>	E	NE	Cyperaceae
979	74.54	14.25	Jalavalli-Karki (Honnave	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
980	74.54	14.25	Jalavalli-Karki (Honnave	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
981	74.54	14.25	Jalavalli-Karki (Honnave	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
982	74.54	14.25	Jalavalli-Karki (Honnave	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
983	74.54	14.25	Jalavalli-Karki (Honnave	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
984	74.54	14.25	Jalavalli-Karki (Honnave	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
985	74.54	14.25	Jalavalli-Karki (Honnave	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
986	74.54	14.25	Jalavalli-Karki (Honnave	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
987	74.54	14.25	Jalavalli-Karki (Honnave	<i>Weisneria triandra</i>	E	T	Alismataceae
988	74.57	14.08	Bengle-Sugavi Minor Fore	<i>Lagerstroemia macrocarpa</i>	E	NE	Lythraceae
989	74.57	13.08	Bengle-Sugavi Minor Fore	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
990	74.58	15.27	Mavalinge	<i>Hopea ponga</i>	E	EN	Dipterocarpaceae
991	74.58	15.27	Mavalinge	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
992	74.58	15.27	Mavalinge	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
993	74.58	15.27	Mavinlinge	<i>Holigarna arnottiana</i>	E	NE	Anacardiaceae
994	74.58	15.27	Mavinlinge	<i>Polyalthia fragrans</i>	E	NE	Annonaceae
995	74.58	15.27	Mavinlinge	<i>Caryota urens</i>	E	NE	Arecaceae
996	74.58	15.27	Mavinlinge	<i>Aristolochia indica</i>	E	NE	Aristolochiaceae

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997	74.58	15.27	Mavinlinge	<i>Epaltes divaricata</i>	E	NE	Asteraceae
998	74.58	15.27	Mavinlinge	<i>Garcinia indica</i>	E	NE	Clusiaceae
999	74.58	15.27	Mavinlinge	<i>Mammea suriga</i>	E	NE	Clusiaceae
1000	74.58	15.27	Mavinlinge	<i>Cyperus iria</i>	E	NE	Cyperaceae
1001	74.58	15.27	Mavinlinge	<i>Alysicarpus vaginalis</i>	E	NE	Fabaceae
1002	74.58	15.27	Mavinlinge	<i>Hydnocarpus laurifolia</i>	E	NE	Flacourtiaceae
1003	74.58	15.27	Mavinlinge	<i>Litsea laevigata</i>	E	NE	Lauraceae
1004	74.58	15.27	Mavinlinge	<i>Lagerstroemia macrocarpa</i>	E	NE	Lythraceae
1005	74.58	15.27	Mavinlinge	<i>Memecylon talbotianum</i>	E	NE	Melastomataceae
1006	74.58	15.27	Mavinlinge	<i>Artocarpus heterophyllus</i>	E	NE	Moraceae
1007	74.58	15.27	Mavinlinge	<i>Artocarpus hirsuta</i>	E	NE	Moraceae
1008	74.58	15.27	Mavinlinge	<i>Myristica malabarica</i>	E	NE	Myristicaceae
1009	74.58	15.27	Mavinlinge	<i>Crotalaria filipes</i>	E	NE	Papilionaceae
1010	74.58	15.27	Mavinlinge	<i>Dactyloctenium aegyptium</i>	E	NE	Poaceae
1011	74.58	15.27	Mavinlinge	<i>Ixora brachiata</i>	E	NE	Rubiaceae
1012	74.58	15.27	Mavalinge	<i>Weisneria triandra</i>	E	T	Alismataceae
1013	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
1014	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
1015	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
1016	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
1017	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
1018	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
1019	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Grangea maderaspatana</i>	E	LC	Compositae
1020	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Grangea maderaspatana</i>	E	LC	Compositae
1021	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
1022	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
1023	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
1024	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
1025	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Drosera burmannii</i>	E	LC	Droseraceae
1026	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Drosera burmannii</i>	E	LC	Droseraceae
1027	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
1028	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
1029	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon dalzellii</i>	E	LC	Eriocaulaceae
1030	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon dalzellii</i>	E	LC	Eriocaulaceae
1031	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
1032	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
1033	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
1034	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
1035	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
1036	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
1037	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
1038	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
1039	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
1040	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
1041	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
1042	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
1043	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Ischaemum molle</i>	E	LC	Gramineae
1044	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Ischaemum molle</i>	E	LC	Gramineae
1045	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
1046	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae

ANNEXURE I: Flora of Uttara Kannada district

1047	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
1048	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
1049	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Rotala indica</i>	E	LC	Lythraceae
1050	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Rotala indica</i>	E	LC	Lythraceae
1051	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Rotala macrandra</i>	E	LC	Lythraceae
1052	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Rotala macrandra</i>	E	LC	Lythraceae
1053	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
1054	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
1055	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
1056	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
1057	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Rotula aquatica</i>	E	LC	Lythraceae
1058	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Rotula aquatica</i>	E	LC	Lythraceae
1059	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
1060	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
1061	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
1062	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
1063	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
1064	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
1065	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
1066	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
1067	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
1068	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
1069	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
1070	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
1071	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
1072	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
1073	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
1074	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
1075	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
1076	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
1077	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eclipta alba</i>	E	NE	Compositae
1078	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eclipta alba</i>	E	NE	Compositae
1079	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Cyperus iria</i>	E	NE	Cyperaceae
1080	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Cyperus iria</i>	E	NE	Cyperaceae
1081	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
1082	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
1083	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
1084	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
1085	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
1086	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
1087	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
1088	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
1089	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
1090	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
1091	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
1092	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
1093	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
1094	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
1095	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
1096	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae

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1097	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Weisneria triandra</i>	E	T	Alismataceae
1098	74.58	14.42	Kalve-Santeguli (Kumta)	<i>Weisneria triandra</i>	E	T	Alismataceae
1099	74.61	15.27	Dandeli	<i>Hopea ponga</i>	E	EN	Dipterocarpaceae
1100	74.61	15.27	Dandeli	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
1101	74.61	15.27	Dandeli	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
1102	74.61	15.27	Dandeli	<i>Weisneria triandra</i>	E	T	Alismataceae
1103	74.62	14.29	Prabathnagar (Honnaveer)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
1104	74.62	14.29	Prabathnagar (Honnaveer)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
1105	74.62	14.29	Prabathnagar (Honnaveer)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
1106	74.62	14.29	Prabathnagar (Honnaveer)	<i>Grangea maderaspatana</i>	E	LC	Compositae
1107	74.62	14.29	Prabathnagar (Honnaveer)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
1108	74.62	14.29	Prabathnagar (Honnaveer)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
1109	74.62	14.29	Prabathnagar (Honnaveer)	<i>Drosera burmannii</i>	E	LC	Droseraceae
1110	74.62	14.29	Prabathnagar (Honnaveer)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
1111	74.62	14.29	Prabathnagar (Honnaveer)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
1112	74.62	14.29	Prabathnagar (Honnaveer)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
1113	74.62	14.29	Prabathnagar (Honnaveer)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
1114	74.62	14.29	Prabathnagar (Honnaveer)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
1115	74.62	14.29	Prabathnagar (Honnaveer)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
1116	74.62	14.29	Prabathnagar (Honnaveer)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
1117	74.62	14.29	Prabathnagar (Honnaveer)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
1118	74.62	14.29	Prabathnagar (Honnaveer)	<i>Ischaemum molle</i>	E	LC	Gramineae
1119	74.62	14.29	Prabathnagar (Honnaveer)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
1120	74.62	14.29	Prabathnagar (Honnaveer)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
1121	74.62	14.29	Prabathnagar (Honnaveer)	<i>Rotala indica</i>	E	LC	Lythraceae
1122	74.62	14.29	Prabathnagar (Honnaveer)	<i>Rotala macrandra</i>	E	LC	Lythraceae
1123	74.62	14.29	Prabathnagar (Honnaveer)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
1124	74.62	14.29	Prabathnagar (Honnaveer)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
1125	74.62	14.29	Prabathnagar (Honnaveer)	<i>Rotala aquatica</i>	E	LC	Lythraceae
1126	74.62	14.29	Prabathnagar (Honnaveer)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
1127	74.62	14.29	Prabathnagar (Honnaveer)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
1128	74.62	14.29	Prabathnagar (Honnaveer)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
1129	74.62	14.29	Prabathnagar (Honnaveer)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
1130	74.62	14.29	Prabathnagar (Honnaveer)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
1131	74.62	14.29	Prabathnagar (Honnaveer)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
1132	74.62	14.29	Prabathnagar (Honnaveer)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
1133	74.62	14.29	Prabathnagar (Honnaveer)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
1134	74.62	14.29	Prabathnagar (Honnaveer)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
1135	74.62	14.29	Prabathnagar (Honnaveer)	<i>Eclipta alba</i>	E	NE	Compositae
1136	74.62	14.29	Prabathnagar (Honnaveer)	<i>Cyperus iria</i>	E	NE	Cyperaceae
1137	74.62	14.29	Prabathnagar (Honnaveer)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
1138	74.62	14.29	Prabathnagar (Honnaveer)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
1139	74.62	14.29	Prabathnagar (Honnaveer)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
1140	74.62	14.29	Prabathnagar (Honnaveer)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
1141	74.62	14.29	Prabathnagar (Honnaveer)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
1142	74.62	14.29	Prabathnagar (Honnaveer)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
1143	74.62	14.29	Prabathnagar (Honnaveer)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
1144	74.62	14.29	Prabathnagar (Honnaveer)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
1145	74.62	14.29	Prabathnagar (Honnaveer)	<i>Weisneria triandra</i>	E	T	Alismataceae
1146	74.64	14.51	Hosur (Kumta)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae

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1147	74.64	14.51	Hosur (Kumta)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
1148	74.64	14.51	Hosur (Kumta)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
1149	74.64	14.51	Hosur (Kumta)	<i>Grangea maderaspatana</i>	E	LC	Compositae
1150	74.64	14.51	Hosur (Kumta)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
1151	74.64	14.51	Hosur (Kumta)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
1152	74.64	14.51	Hosur (Kumta)	<i>Drosera burmannii</i>	E	LC	Droseraceae
1153	74.64	14.51	Hosur (Kumta)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
1154	74.64	14.51	Hosur (Kumta)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
1155	74.64	14.51	Hosur (Kumta)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
1156	74.64	14.51	Hosur (Kumta)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
1157	74.64	14.51	Hosur (Kumta)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
1158	74.64	14.51	Hosur (Kumta)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
1159	74.64	14.51	Hosur (Kumta)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
1160	74.64	14.51	Hosur (Kumta)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
1161	74.64	14.51	Hosur (Kumta)	<i>Ischaemum molle</i>	E	LC	Gramineae
1162	74.64	14.51	Hosur (Kumta)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
1163	74.64	14.51	Hosur (Kumta)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
1164	74.64	14.51	Hosur (Kumta)	<i>Rotala indica</i>	E	LC	Lythraceae
1165	74.64	14.51	Hosur (Kumta)	<i>Rotala macrandra</i>	E	LC	Lythraceae
1166	74.64	14.51	Hosur (Kumta)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
1167	74.64	14.51	Hosur (Kumta)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
1168	74.64	14.51	Hosur (Kumta)	<i>Rotula aquatica</i>	E	LC	Lythraceae
1169	74.64	14.51	Hosur (Kumta)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
1170	74.64	14.51	Hosur (Kumta)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
1171	74.64	14.51	Hosur (Kumta)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
1172	74.64	14.51	Hosur (Kumta)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
1173	74.64	14.51	Hosur (Kumta)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
1174	74.64	14.51	Hosur (Kumta)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
1175	74.64	14.51	Hosur (Kumta)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
1176	74.64	14.51	Hosur (Kumta)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
1177	74.64	14.51	Hosur (Kumta)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
1178	74.64	14.51	Hosur (Kumta)	<i>Eclipta alba</i>	E	NE	Compositae
1179	74.64	14.51	Hosur (Kumta)	<i>Cyperus iria</i>	E	NE	Cyperaceae
1180	74.64	14.51	Hosur (Kumta)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
1181	74.64	14.51	Hosur (Kumta)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
1182	74.64	14.51	Hosur (Kumta)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
1183	74.64	14.51	Hosur (Kumta)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
1184	74.64	14.51	Hosur (Kumta)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
1185	74.64	14.51	Hosur (Kumta)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
1186	74.64	14.51	Hosur (Kumta)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
1187	74.64	14.51	Hosur (Kumta)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
1188	74.64	14.51	Hosur (Kumta)	<i>Weisneria triandra</i>	E	T	Alismataceae
1189	74.68	14.92	Dabguli (Yellapur)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
1190	74.68	14.92	Dabguli (Yellapur)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
1191	74.68	14.92	Dabguli (Yellapur)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
1192	74.68	14.92	Dabguli (Yellapur)	<i>Grangea maderaspatana</i>	E	LC	Compositae
1193	74.68	14.92	Dabguli (Yellapur)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
1194	74.68	14.92	Dabguli (Yellapur)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
1195	74.68	14.92	Dabguli (Yellapur)	<i>Drosera burmannii</i>	E	LC	Droseraceae
1196	74.68	14.92	Dabguli (Yellapur)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae

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1197	74.68	14.92	Dabguli (Yellapur)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
1198	74.68	14.92	Dabguli (Yellapur)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
1199	74.68	14.92	Dabguli (Yellapur)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
1200	74.68	14.92	Dabguli (Yellapur)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
1201	74.68	14.92	Dabguli (Yellapur)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
1202	74.68	14.92	Dabguli (Yellapur)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
1203	74.68	14.92	Dabguli (Yellapur)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
1204	74.68	14.92	Dabguli (Yellapur)	<i>Ischaemum molle</i>	E	LC	Gramineae
1205	74.68	14.92	Dabguli (Yellapur)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
1206	74.68	14.92	Dabguli (Yellapur)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
1207	74.68	14.92	Dabguli (Yellapur)	<i>Rotala indica</i>	E	LC	Lythraceae
1208	74.68	14.92	Dabguli (Yellapur)	<i>Rotala macrandra</i>	E	LC	Lythraceae
1209	74.68	14.92	Dabguli (Yellapur)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
1210	74.68	14.92	Dabguli (Yellapur)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
1211	74.68	14.92	Dabguli (Yellapur)	<i>Rotala aquatica</i>	E	LC	Lythraceae
1212	74.68	14.92	Dabguli (Yellapur)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
1213	74.68	14.92	Dabguli (Yellapur)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
1214	74.68	14.92	Dabguli (Yellapur)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
1215	74.68	14.92	Dabguli (Yellapur)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
1216	74.68	14.92	Dabguli (Yellapur)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
1217	74.68	14.92	Dabguli (Yellapur)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
1218	74.68	14.92	Dabguli (Yellapur)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
1219	74.68	14.92	Dabguli (Yellapur)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
1220	74.68	14.92	Dabguli (Yellapur)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
1221	74.68	14.92	Dabguli (Yellapur)	<i>Eclipta alba</i>	E	NE	Compositae
1222	74.68	14.92	Dabguli (Yellapur)	<i>Cyperus iria</i>	E	NE	Cyperaceae
1223	74.68	14.92	Dabguli (Yellapur)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
1224	74.68	14.92	Dabguli (Yellapur)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
1225	74.68	14.92	Dabguli (Yellapur)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
1226	74.68	14.92	Dabguli (Yellapur)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
1227	74.68	14.92	Dabguli (Yellapur)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
1228	74.68	14.92	Dabguli (Yellapur)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
1229	74.68	14.92	Dabguli (Yellapur)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
1230	74.68	14.92	Dabguli (Yellapur)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
1231	74.68	14.92	Dabguli (Yellapur)	<i>Weisneria triandra</i>	E	T	Alismataceae
1232	74.68	14.35	Halsolli	<i>Semecarpus kathalekanensis</i>	E/WG	CE	Anacardiaceae
1233	74.68	14.35	Halsolli	<i>Mangifera indica</i>	E/WG	DD	Anacardiaceae
1234	74.68	14.35	Halsolli	<i>Dipterocarpus indicus</i>	E/WG	EN	Dipterocarpaceae
1235	74.68	14.35	Halsolli	<i>Hopea ponga</i>	E/WG	EN	Dipterocarpaceae
1236	74.68	14.35	Halsolli	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
1237	74.68	14.35	Halsolli	<i>Myristica fatua var.magnifica</i>	E/WG	EN	Myristicaceae
1238	74.68	14.35	Halsolli	<i>Mastixia arborea</i>	E/WG	LC	Cornaceae
1239	74.68	14.35	Halsolli	<i>Knema attenuata</i>	E/WG	LC	Myristicaceae
1240	74.68	14.35	Halsolli	<i>Dimocarpus longan</i>	E/WG	VU	Sapindaceae
1241	74.68	14.35	Halsolli	<i>Holigarna arnotiana</i>	E/WG	NE	Anacardiaceae
1242	74.68	14.35	Halsolli	<i>Holigarna ferruginea</i>	E/WG	NE	Anacardiaceae
1243	74.68	14.35	Halsolli	<i>Holigarna grahamii</i>	E/WG	NE	Anacardiaceae
1244	74.68	14.35	Halsolli	<i>Nothopegia colebrookiana</i>	E/WG	NE	Anacardiaceae
1245	74.68	14.35	Halsolli	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1246	74.68	14.35	Halsolli	<i>Canarium strictum</i>	E/WG	NE	Bursaceae

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1247	74.68	14.35	Halsolli	<i>Euonymus indicus</i>	E/WG	NE	Celastraceae
1248	74.68	14.35	Halsolli	<i>Diospyros assimilis</i>	E/WG	NE	Ebenaceae
1249	74.68	14.35	Halsolli	<i>Cyclostemon confertiflorum</i>	E/WG	NE	Euphorbiaceae
1250	74.68	14.35	Halsolli	<i>Flacourtia montana</i>	E/WG	NE	Flacourtiaceae
1251	74.68	14.35	Halsolli	<i>Hydnocarpus laurifolia</i>	E/WG	NE	Flacourtiaceae
1252	74.68	14.35	Halsolli	<i>Calophyllum polyanthum</i>	E/WG	NE	Clusiaceae
1253	74.68	14.35	Halsolli	<i>Garcinia talbotii</i>	E/WG	NE	Clusiaceae
1254	74.68	14.35	Halsolli	<i>Beilschmiedia fagifolia</i>	E/WG	NE	Lauraceae
1255	74.68	14.35	Halsolli	<i>Cinnamomum macrocarpum</i>	E/WG	NE	Lauraceae
1256	74.68	14.35	Halsolli	<i>Artocarpus hirsutus</i>	E/WG	NE	Moraceae
1257	74.68	14.35	Halsolli	<i>Myristica malabarica</i>	E/WG	NE	Myristicaceae
1258	74.68	14.35	Halsolli	<i>Syzygium laetum</i>	E/WG	NE	Myrtaceae
1259	74.68	14.35	Halsolli	<i>Syzygium macrocephalum</i>	E/WG	NE	Myrtaceae
1260	74.68	14.35	Halsolli	<i>Linociera malabarica</i>	E/WG	NE	Oleaceae
1261	74.68	14.35	Halsolli	<i>Olea dioica</i>	E/WG	NE	Oleaceae
1262	74.68	14.35	Halsolli	<i>Ixora brachiata</i>	E/WG	NE	Rubiaceae
1263	74.68	14.35	Halsolli	<i>Vepris bilocularis</i>	E/WG	NE	Rutaceae
1264	74.68	14.35	Halsolli	<i>Symplocos racemosa</i>	E/WG	NE	Symplocaceae
1265	74.68	14.35	Halsolli	<i>Garcinia gummi-gutta</i>	E/WG &	NE	Clusiaceae
1266	74.68	14.35	Halsolli	<i>Persea macrantha</i>	E/WG,SL	NE	Lauraceae
1267	74.68	14.35	Halsolli	<i>Milusa indica</i>	E/WG/SL	NE	Annonaceae
1268	74.68	14.35	Halsolli	<i>Syzygium gardneri</i>	E/WG/SL	NE	Myrtaceae
1269	74.68	14.35	Halsolli	<i>Elatostema lineolatus</i>	E/I	NE	Elaeocarpaceae
1270	74.68	14.35	Halsolli	<i>Pinanga dicksonii</i>	E/WG	NE	Arecaceae
1271	74.68	14.35	Halsolli	<i>Begonia malabarica</i>	E/WG	NE	Begoniaceae
1272	74.68	14.35	Halsolli	<i>Ochlandra scriptoria</i>	E/WG	NE	Poaceae
1273	74.68	14.35	Halsolli	<i>Argostemma courtallense</i>	E/WG	NE	Rubiaceae
1274	74.68	14.35	Halsolli	<i>Neurocalyx calycinus</i>	E/WG	NE	Rubiaceae
1275	74.68	14.35	Halsolli	<i>Jerdonia indica</i>	E/WG	NE	Scrophulariaceae
1276	74.68	14.35	Halsolli	<i>Lagenandra ovata</i>	E/WG/SL	NE	Araceae
1277	74.68	14.35	Halsolli	<i>Apama siliquosa</i>	E/WG/SL	NE	Aristolochiaceae
1278	74.68	14.35	Halsolli	<i>Schumannianthus virgatus</i>	E/WG/SL	NE	Cyperaceae
1279	74.68	14.35	Halsolli	<i>Pellionia heyneana</i>	E/WG/SL	NE	Urticaceae
1280	74.68	14.35	Halsolli	<i>Actinodaphne hookeri</i>	E/WG	T	Lauraceae
1281	74.68	14.35	Halsolli	<i>Gymnacranthera canarica</i>	E/WG	VU	Myristicaceae
1282	74.68	14.35	Halsolli	<i>Arenga wightii</i>	E/WG	VU	Arecaceae
1283	74.68	14.37	Doddamaneghat	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
1284	74.68	14.37	Doddamaneghat	<i>Dimocarpus longan</i>	E/WG	VU	Sapindaceae
1285	74.68	14.37	Doddamaneghat	<i>Lagerstroemia macrocarpa</i>	E	NE	Lythraceae
1286	74.68	14.37	Doddamaneghat	<i>Nothopegia colebrookiana</i>	E/WG	NE	Anacardiaceae
1287	74.68	14.37	Doddamaneghat	<i>Knema attenuata</i>	E/WG	NE	Myristicaceae
1288	74.68	14.37	Doddamaneghat	<i>Syzygium gardenii</i>	E/WG/SL	NE	Myrtaceae
1289	74.74	14.27	Malemane	<i>Semecarpus kathalekanensis</i>	E/WG	CE	Anacardiaceae
1290	74.74	14.27	Malemane	<i>Semecarpus kathalekanensis</i>	E/WG	CE	Anacardiaceae
1291	74.74	14.27	Malemane	<i>Mangifera indica</i>	E/WG	DD	Anacardiaceae
1292	74.74	14.27	Malemane	<i>Mangifera indica</i>	E/WG	DD	Anacardiaceae
1293	74.74	14.27	Malemane	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
1294	74.74	14.27	Malemane	<i>Dipterocarpus indicus</i>	E/WG	EN	Dipterocarpaceae
1295	74.74	14.27	Malemane	<i>Dipterocarpus indicus</i>	E/WG	EN	Dipterocarpaceae
1296	74.74	14.27	Malemane	<i>Hopea ponga</i>	E/WG	EN	Dipterocarpaceae

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1297	74.74	14.27	Malemane	<i>Hopea ponga</i>	E/WG	EN	Dipterocarpaceae
1298	74.74	14.27	Malemane	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
1299	74.74	14.27	Malemane	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
1300	74.74	14.27	Malemane	<i>Myristica fatua var. magnifica</i>	E/WG	EN	Myristicaceae
1301	74.74	14.27	Malemane	<i>Myristica fatua var. magnifica</i>	E/WG	EN	Myristicaceae
1302	74.74	14.27	Malemane	<i>Mastixia arborea</i>	E/WG	LC	Cornaceae
1303	74.74	14.27	Malemane	<i>Mastixia arborea</i>	E/WG	LC	Cornaceae
1304	74.74	14.27	Malemane	<i>Knema attenuata</i>	E/WG	LRLC	Myristicaceae
1305	74.74	14.27	Malemane	<i>Knema attenuata</i>	E/WG	LRLC	Myristicaceae
1306	74.74	14.27	Malemane	<i>Dimocarpus longan</i>	E/WG	VU	Sapindaceae
1307	74.74	14.27	Malemane	<i>Dimocarpus longan</i>	E/WG	VU	Sapindaceae
1308	74.74	14.27	Malemane	<i>Dimocarpus longan</i>	E/WG	VU	Sapindaceae
1309	74.74	14.27	Malemane	<i>Actinodaphne hookeri</i>	E/WG	T	Lauraceae
1310	74.74	14.27	Malemane	<i>Actinodaphne hookeri</i>	E/WG	T	Lauraceae
1311	74.74	14.27	Malemane	<i>Actinodaphne hookeri</i>	E/WG	T	Lauraceae
1312	74.74	14.27	Malemane	<i>Arenga wightii</i>	E/WG	VU	Arecaceae
1313	74.74	14.27	Malemane	<i>Gymnacranthera canarica</i>	E/WG	VU	Myristicaceae
1314	74.74	14.27	Malemane	<i>Gymnacranthera canarica</i>	E/WG	VU	Myristicaceae
1315	74.74	14.27	Malemane	<i>Elatostema lineolatus</i>	E/I	NE	Elaeocarpaceae
1316	74.74	14.27	Malemane	<i>Nothopogia colebrookiana</i>	E/WG	NE	Anacardiaceae
1317	74.74	14.27	Malemane	<i>Pinanga dicksonii</i>	E/WG	NE	Arecaceae
1318	74.74	14.27	Malemane	<i>Begonia malabarica</i>	E/WG	NE	Begoniaceae
1319	74.74	14.27	Malemane	<i>Ochlandra scriptoria</i>	E/WG	NE	Poaceae
1320	74.74	14.27	Malemane	<i>Argostemma courtallense</i>	E/WG	NE	Rubiaceae
1321	74.74	14.27	Malemane	<i>Neurocalyx calycinus</i>	E/WG	NE	Rubiaceae
1322	74.74	14.27	Malemane	<i>Jerdonia indica</i>	E/WG	NE	Scrophulariaceae
1323	74.74	14.27	Malemane	<i>Knema attenuata</i>	E/WG	NE	Myristicaceae
1324	74.74	14.27	Malemane	<i>Lagenandra ovata</i>	E/WG/SL	NE	Araceae
1325	74.74	14.27	Malemane	<i>Apama siliquosa</i>	E/WG/SL	NE	Aristolochiaceae
1326	74.74	14.27	Malemane	<i>Schumannianthus virgatus</i>	E/WG/SL	NE	Cyperaceae
1327	74.74	14.27	Malemane	<i>Syzygium gardenii</i>	E/WG/SL	NE	Myrtaceae
1328	74.74	14.27	Malemane	<i>Pellionia heyneana</i>	E/WG/SL	NE	Urticaceae
1329	74.74	14.27	Malemane	<i>Holigarna arnottiana</i>	E/WG	NE	Anacardiaceae
1330	74.74	14.27	Malemane	<i>Holigarna arnottiana</i>	E/WG	NE	Anacardiaceae
1331	74.74	14.27	Malemane	<i>Holigarna ferruginea</i>	E/WG	NE	Anacardiaceae
1332	74.74	14.27	Malemane	<i>Holigarna ferruginea</i>	E/WG	NE	Anacardiaceae
1333	74.74	14.27	Malemane	<i>Holigarna grahamii</i>	E/WG	NE	Anacardiaceae
1334	74.74	14.27	Malemane	<i>Holigarna grahamii</i>	E/WG	NE	Anacardiaceae
1335	74.74	14.27	Malemane	<i>Nothopogia colebrookiana</i>	E/WG	NE	Anacardiaceae
1336	74.74	14.27	Malemane	<i>Nothopogia colebrookiana</i>	E/WG	NE	Anacardiaceae
1337	74.74	14.27	Malemane	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1338	74.74	14.27	Malemane	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1339	74.74	14.27	Malemane	<i>Canarium strictum</i>	E/WG	NE	Burseraceae
1340	74.74	14.27	Malemane	<i>Canarium strictum</i>	E/WG	NE	Burseraceae
1341	74.74	14.27	Malemane	<i>Euonymus indicus</i>	E/WG	NE	Celastraceae
1342	74.74	14.27	Malemane	<i>Euonymus indicus</i>	E/WG	NE	Celastraceae
1343	74.74	14.27	Malemane	<i>Diospyros assimilis</i>	E/WG	NE	Ebenaceae
1344	74.74	14.27	Malemane	<i>Diospyros assimilis</i>	E/WG	NE	Ebenaceae
1345	74.74	14.27	Malemane	<i>Cyclostemon confertiflorum</i>	E/WG	NE	Euphorbiaceae
1346	74.74	14.27	Malemane	<i>Cyclostemon confertiflorum</i>	E/WG	NE	Euphorbiaceae

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1347	74.74	14.27	Malemane	<i>Flacourtia montana</i>	E/WG	NE	Flacourtiaceae
1348	74.74	14.27	Malemane	<i>Flacourtia montana</i>	E/WG	NE	Flacourtiaceae
1349	74.74	14.27	Malemane	<i>Hydnocarpus laurifolia</i>	E/WG	NE	Flacourtiaceae
1350	74.74	14.27	Malemane	<i>Hydnocarpus laurifolia</i>	E/WG	NE	Flacourtiaceae
1351	74.74	14.27	Malemane	<i>Calophyllum polyanthum</i>	E/WG	NE	Clusiaceae
1352	74.74	14.27	Malemane	<i>Calophyllum polyanthum</i>	E/WG	NE	Clusiaceae
1353	74.74	14.27	Malemane	<i>Garcinia talbotii</i>	E/WG	NE	Clusiaceae
1354	74.74	14.27	Malemane	<i>Garcinia talbotii</i>	E/WG	NE	Clusiaceae
1355	74.74	14.27	Malemane	<i>Beilschmiedia fagifolia</i>	E/WG	NE	Lauraceae
1356	74.74	14.27	Malemane	<i>Beilschmiedia fagifolia</i>	E/WG	NE	Lauraceae
1357	74.74	14.27	Malemane	<i>Cinnamomum macrocarpum</i>	E/WG	NE	Lauraceae
1358	74.74	14.27	Malemane	<i>Cinnamomum macrocarpum</i>	E/WG	NE	Lauraceae
1359	74.74	14.27	Malemane	<i>Artocarpus hirsutus</i>	E/WG	NE	Moraceae
1360	74.74	14.27	Malemane	<i>Artocarpus hirsutus</i>	E/WG	NE	Moraceae
1361	74.74	14.27	Malemane	<i>Myristica malabarica</i>	E/WG	NE	Myristicaceae
1362	74.74	14.27	Malemane	<i>Myristica malabarica</i>	E/WG	NE	Myristicaceae
1363	74.74	14.27	Malemane	<i>Syzygium laetum</i>	E/WG	NE	Myrtaceae
1364	74.74	14.27	Malemane	<i>Syzygium laetum</i>	E/WG	NE	Myrtaceae
1365	74.74	14.27	Malemane	<i>Syzygium macrocephalum</i>	E/WG	NE	Myrtaceae
1366	74.74	14.27	Malemane	<i>Syzygium macrocephalum</i>	E/WG	NE	Myrtaceae
1367	74.74	14.27	Malemane	<i>Linociera malabarica</i>	E/WG	NE	Oleaceae
1368	74.74	14.27	Malemane	<i>Linociera malabarica</i>	E/WG	NE	Oleaceae
1369	74.74	14.27	Malemane	<i>Olea dioica</i>	E/WG	NE	Oleaceae
1370	74.74	14.27	Malemane	<i>Olea dioica</i>	E/WG	NE	Oleaceae
1371	74.74	14.27	Malemane	<i>Ixora brachiata</i>	E/WG	NE	Rubiaceae
1372	74.74	14.27	Malemane	<i>Ixora brachiata</i>	E/WG	NE	Rubiaceae
1373	74.74	14.27	Malemane	<i>Vepris bilocularis</i>	E/WG	NE	Rutaceae
1374	74.74	14.27	Malemane	<i>Vepris bilocularis</i>	E/WG	NE	Rutaceae
1375	74.74	14.27	Malemane	<i>Symplocos racemosa</i>	E/WG	NE	Symplocaceae
1376	74.74	14.27	Malemane	<i>Symplocos racemosa</i>	E/WG	NE	Symplocaceae
1377	74.74	14.27	Malemane	<i>Garcinia gummi-gutta</i>	E/WG &	NE	Clusiaceae
1378	74.74	14.27	Malemane	<i>Garcinia gummi-gutta</i>	E/WG &	NE	Clusiaceae
1379	74.74	14.27	Malemane	<i>Persea macrantha</i>	E/WG,SL	NE	Lauraceae
1380	74.74	14.27	Malemane	<i>Persea macrantha</i>	E/WG,SL	NE	Lauraceae
1381	74.74	14.27	Malemane	<i>Miliusa indica</i>	E/WG/SL	NE	Annonaceae
1382	74.74	14.27	Malemane	<i>Miliusa indica</i>	E/WG/SL	NE	Annonaceae
1383	74.74	14.27	Malemane	<i>Syzygium gardneri</i>	E/WG/SL	NE	Myrtaceae
1384	74.74	14.27	Malemane	<i>Syzygium gardneri</i>	E/WG/SL	NE	Myrtaceae
1385	74.75	14.28	Kathalekan	<i>Semecarpus kathalekanensis</i>	E/WG	CE	Anacardiaceae
1386	74.75	14.28	Kathalekan	<i>Semecarpus kathalekanensis</i>	E/WG	CE	Anacardiaceae
1387	74.75	14.28	Kathalekan	<i>Vateria indica</i>	E/WG	CE	Dipterocarpaceae
1388	74.75	14.28	Kathalekan	<i>Syzygium travancoricum</i>	E/WG	CE	Myrtaceae
1389	74.75	14.28	Kathalekan	<i>Mangifera indica</i>	E/WG	DD	Anacardiaceae
1390	74.75	14.28	Kathalekan	<i>Mangifera indica</i>	E/WG	DD	Anacardiaceae
1391	74.75	14.28	Kathalekan	<i>Dipterocarpus indicus</i>	E/WG	EN	Dipterocarpaceae
1392	74.75	14.28	Kathalekan	<i>Dipterocarpus indicus</i>	E/WG	EN	Dipterocarpaceae
1393	74.75	14.28	Kathalekan	<i>Hopea ponga</i>	E/WG	EN	Dipterocarpaceae
1394	74.75	14.28	Kathalekan	<i>Hopea ponga</i>	E/WG	EN	Dipterocarpaceae
1395	74.75	14.28	Kathalekan	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
1396	74.75	14.28	Kathalekan	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae

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1397	74.75	14.28	Kathalekan	<i>Myristica fatua var. magnifica</i>	E/WG	EN	Myristicaceae
1398	74.75	14.28	Kathalekan	<i>Myristica fatua var. magnifica</i>	E/WG	EN	Myristicaceae
1399	74.75	14.28	Kathalekan	<i>Madhuca bourdillonii</i>	E/WG	EN	Sapotaceae
1400	74.75	14.28	Kathalekan	<i>Mastixia arborea</i>	E/WG	LC	Cornaceae
1401	74.75	14.28	Kathalekan	<i>Mastixia arborea</i>	E/WG	LC	Cornaceae
1402	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
1403	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
1404	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
1405	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Grangea maderaspatana</i>	E	LC	Compositae
1406	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
1407	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
1408	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Drosera burmannii</i>	E	LC	Droseraceae
1409	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
1410	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
1411	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
1412	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
1413	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
1414	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
1415	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
1416	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
1417	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Ischaemum molle</i>	E	LC	Gramineae
1418	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
1419	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
1420	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Rotala indica</i>	E	LC	Lythraceae
1421	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Rotala macrandra</i>	E	LC	Lythraceae
1422	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
1423	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
1424	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Rotula aquatica</i>	E	LC	Lythraceae
1425	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
1426	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
1427	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
1428	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
1429	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
1430	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Grangea maderaspatana</i>	E	LC	Compositae
1431	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
1432	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
1433	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Drosera burmannii</i>	E	LC	Droseraceae
1434	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
1435	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
1436	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
1437	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
1438	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
1439	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
1440	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
1441	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
1442	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Ischaemum molle</i>	E	LC	Gramineae
1443	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
1444	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
1445	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Rotala indica</i>	E	LC	Lythraceae
1446	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Rotala macrandra</i>	E	LC	Lythraceae

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1447	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Rotala malamphuzensis</i>	E	LC	Lythraceae
1448	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
1449	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Rotala aquatica</i>	E	LC	Lythraceae
1450	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
1451	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
1452	74.75	14.28	Kathalekan	<i>Knema attenuata</i>	E/WG	LRLC	Myristicaceae
1453	74.75	14.28	Kathalekan	<i>Knema attenuata</i>	E/WG	LRLC	Myristicaceae
1454	74.75	14.28	Kathalekan	<i>Dimocarpus longan</i>	E/WG	VU	Sapindaceae
1455	74.75	14.28	Kathalekan	<i>Dimocarpus longan</i>	E/WG	VU	Sapindaceae
1456	74.75	14.28	Kathalekan	<i>Holigarna arnottiana</i>	E/WG	NE	Anacardiaceae
1457	74.75	14.28	Kathalekan	<i>Holigarna arnottiana</i>	E/WG	NE	Anacardiaceae
1458	74.75	14.28	Kathalekan	<i>Holigarna ferruginea</i>	E/WG	NE	Anacardiaceae
1459	74.75	14.28	Kathalekan	<i>Holigarna ferruginea</i>	E/WG	NE	Anacardiaceae
1460	74.75	14.28	Kathalekan	<i>Holigarna grahamii</i>	E/WG	NE	Anacardiaceae
1461	74.75	14.28	Kathalekan	<i>Holigarna grahamii</i>	E/WG	NE	Anacardiaceae
1462	74.75	14.28	Kathalekan	<i>Nothopegia colebrookiana</i>	E/WG	NE	Anacardiaceae
1463	74.75	14.28	Kathalekan	<i>Nothopegia colebrookiana</i>	E/WG	NE	Anacardiaceae
1464	74.75	14.28	Kathalekan	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1465	74.75	14.28	Kathalekan	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1466	74.75	14.28	Kathalekan	<i>Pinanga dicksonii</i>	E/WG	NE	Arecaceae
1467	74.75	14.28	Kathalekan	<i>Canarium strictum</i>	E/WG	NE	Burseraceae
1468	74.75	14.28	Kathalekan	<i>Canarium strictum</i>	E/WG	NE	Burseraceae
1469	74.75	14.28	Kathalekan	<i>Euonymus indicus</i>	E/WG	NE	Celastraceae
1470	74.75	14.28	Kathalekan	<i>Euonymus indicus</i>	E/WG	NE	Celastraceae
1471	74.75	14.28	Kathalekan	<i>Diospyros assimilis</i>	E/WG	NE	Ebenaceae
1472	74.75	14.28	Kathalekan	<i>Diospyros assimilis</i>	E/WG	NE	Ebenaceae
1473	74.75	14.28	Kathalekan	<i>Cyclostemon confertiflorum</i>	E/WG	NE	Euphorbiaceae
1474	74.75	14.28	Kathalekan	<i>Cyclostemon confertiflorum</i>	E/WG	NE	Euphorbiaceae
1475	74.75	14.28	Kathalekan	<i>Flacourtia montana</i>	E/WG	NE	Flacourtiaceae
1476	74.75	14.28	Kathalekan	<i>Flacourtia montana</i>	E/WG	NE	Flacourtiaceae
1477	74.75	14.28	Kathalekan	<i>Hydnocarpus laurifolia</i>	E/WG	NE	Flacourtiaceae
1478	74.75	14.28	Kathalekan	<i>Hydnocarpus laurifolia</i>	E/WG	NE	Flacourtiaceae
1479	74.75	14.28	Kathalekan	<i>Calophyllum polyanthum</i>	E/WG	NE	Clusiaceae
1480	74.75	14.28	Kathalekan	<i>Calophyllum polyanthum</i>	E/WG	NE	Clusiaceae
1481	74.75	14.28	Kathalekan	<i>Garcinia talbotii</i>	E/WG	NE	Clusiaceae
1482	74.75	14.28	Kathalekan	<i>Garcinia talbotii</i>	E/WG	NE	Clusiaceae
1483	74.75	14.28	Kathalekan	<i>Mesua ferrea</i>	E/WG	NE	Clusiaceae
1484	74.75	14.28	Kathalekan	<i>Beilschmiedia fagifolia</i>	E/WG	NE	Lauraceae
1485	74.75	14.28	Kathalekan	<i>Beilschmiedia fagifolia</i>	E/WG	NE	Lauraceae
1486	74.75	14.28	Kathalekan	<i>Cinnamomum macrocarpum</i>	E/WG	NE	Lauraceae
1487	74.75	14.28	Kathalekan	<i>Cinnamomum macrocarpum</i>	E/WG	NE	Lauraceae
1488	74.75	14.28	Kathalekan	<i>Artocarpus hirsutus</i>	E/WG	NE	Moraceae
1489	74.75	14.28	Kathalekan	<i>Artocarpus hirsutus</i>	E/WG	NE	Moraceae
1490	74.75	14.28	Kathalekan	<i>Myristica malabarica</i>	E/WG	NE	Myristicaceae
1491	74.75	14.28	Kathalekan	<i>Myristica malabarica</i>	E/WG	NE	Myristicaceae
1492	74.75	14.28	Kathalekan	<i>Syzygium laetum</i>	E/WG	NE	Myrtaceae
1493	74.75	14.28	Kathalekan	<i>Syzygium laetum</i>	E/WG	NE	Myrtaceae
1494	74.75	14.28	Kathalekan	<i>Syzygium macrocephalum</i>	E/WG	NE	Myrtaceae
1495	74.75	14.28	Kathalekan	<i>Syzygium macrocephalum</i>	E/WG	NE	Myrtaceae
1496	74.75	14.28	Kathalekan	<i>Linociera malabarica</i>	E/WG	NE	Oleaceae

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1497	74.75	14.28	Kathalekan	<i>Linociera malabarica</i>	E/WG	NE	Oleaceae
1498	74.75	14.28	Kathalekan	<i>Olea dioica</i>	E/WG	NE	Oleaceae
1499	74.75	14.28	Kathalekan	<i>Olea dioica</i>	E/WG	NE	Oleaceae
1500	74.75	14.28	Kathalekan	<i>Ixora brachiata</i>	E/WG	NE	Rubiaceae
1501	74.75	14.28	Kathalekan	<i>Ixora brachiata</i>	E/WG	NE	Rubiaceae
1502	74.75	14.28	Kathalekan	<i>Vepris bilocularis</i>	E/WG	NE	Rutaceae
1503	74.75	14.28	Kathalekan	<i>Vepris bilocularis</i>	E/WG	NE	Rutaceae
1504	74.75	14.28	Kathalekan	<i>Symplocos racemosa</i>	E/WG	NE	Symplocaceae
1505	74.75	14.28	Kathalekan	<i>Symplocos racemosa</i>	E/WG	NE	Symplocaceae
1506	74.75	14.28	Kathalekan	<i>Garcinia gummi-gutta</i>	E/WG &	NE	Clusiaceae
1507	74.75	14.28	Kathalekan	<i>Garcinia gummi-gutta</i>	E/WG &	NE	Clusiaceae
1508	74.75	14.28	Kathalekan	<i>Persea macrantha</i>	E/WG,SL	NE	Lauraceae
1509	74.75	14.28	Kathalekan	<i>Persea macrantha</i>	E/WG,SL	NE	Lauraceae
1510	74.75	14.28	Kathalekan	<i>Miliusa indica</i>	E/WG/SL	NE	Annonaceae
1511	74.75	14.28	Kathalekan	<i>Miliusa indica</i>	E/WG/SL	NE	Annonaceae
1512	74.75	14.28	Kathalekan	<i>Syzygium gardneri</i>	E/WG/SL	NE	Myrtaceae
1513	74.75	14.28	Kathalekan	<i>Syzygium gardneri</i>	E/WG/SL	NE	Myrtaceae
1514	74.75	14.28	Kathalekan	<i>Elatostema lineolatus</i>	E/I	NE	Elaeocarpaceae
1515	74.75	14.28	Kathalekan	<i>Pinanga dicksonii</i>	E/WG	NE	Arecaceae
1516	74.75	14.28	Kathalekan	<i>Begonia malabarica</i>	E/WG	NE	Begoniaceae
1517	74.75	14.28	Kathalekan	<i>Ochlandra scriptoria</i>	E/WG	NE	Poaceae
1518	74.75	14.28	Kathalekan	<i>Argostemma courtallense</i>	E/WG	NE	Rubiaceae
1519	74.75	14.28	Kathalekan	<i>Neurocalyx calycinus</i>	E/WG	NE	Rubiaceae
1520	74.75	14.28	Kathalekan	<i>Jerdonia indica</i>	E/WG	NE	Scrophulariaceae
1521	74.75	14.28	Kathalekan	<i>Lagenandra ovata</i>	E/WG/SL	NE	Araceae
1522	74.75	14.28	Kathalekan	<i>Apama siliquosa</i>	E/WG/SL	NE	Aristolochiaceae
1523	74.75	14.28	Kathalekan	<i>Schumannianthus virgatus</i>	E/WG/SL	NE	Cyperaceae
1524	74.75	14.28	Kathalekan	<i>Pellionia heyneana</i>	E/WG/SL	NE	Urticaceae
1525	74.75	14.28	Kathalekan	<i>Holigarna nigra</i>	E/WG	NE	Anacardiaceae
1526	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
1527	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
1528	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
1529	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
1530	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
1531	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
1532	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
1533	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Eclipta alba</i>	E	NE	Compositae
1534	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Cyperus iria</i>	E	NE	Cyperaceae
1535	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
1536	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
1537	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
1538	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
1539	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
1540	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
1541	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Centella asiatica</i>	E	NE	Macklinayaceae
1542	74.75	14.28	Kathalekan Swamps (Siddapur)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
1543	74.75	14.28	Kathalekan-Hejani (Siddapur)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
1544	74.75	14.28	Kathalekan-Hejani (Siddapur)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
1545	74.75	14.28	Kathalekan-Hejani (Siddapur)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
1546	74.75	14.28	Kathalekan-Hejani (Siddapur)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae

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1547	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
1548	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
1549	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
1550	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Eclipta alba</i>	E	NE	Compositae
1551	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Cyperus iria</i>	E	NE	Cyperaceae
1552	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
1553	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
1554	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
1555	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
1556	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
1557	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
1558	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
1559	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
1560	74.75	14.28	Kathalekan	<i>Actinodaphne hookeri</i>	E/WG	T	Lauraceae
1561	74.75	14.28	Kathalekan	<i>Actinodaphne hookeri</i>	E/WG	T	Lauraceae
1562	74.75	14.28	Kathlekan Swamps (Siddapur)	<i>Weisneria triandra</i>	E	T	Alismataceae
1563	74.75	14.28	Kathlekan-Hejani (Siddapur)	<i>Weisneria triandra</i>	E	T	Alismataceae
1564	74.75	14.28	Kathalekan	<i>Gymnacranthera canarica</i>	E/WG	VU	Myristicaceae
1565	74.75	14.28	Kathalekan	<i>Gymnacranthera canarica</i>	E/WG	VU	Myristicaceae
1566	74.75	14.28	Kathalekan	<i>Arenga wightii</i>	E/WG	VU	Arecaceae
1567	74.77	14.42	Dandeli	<i>Holigarna arnotiana</i>	E	NE	Anacardiaceae
1568	74.77	14.42	Dandeli	<i>Polyalthia fragrans</i>	E	NE	Annonaceae
1569	74.77	14.42	Dandeli	<i>Caryota urens</i>	E	NE	Arecaceae
1570	74.77	14.42	Dandeli	<i>Aristolochia indica</i>	E	NE	Aristolochiaceae
1571	74.77	14.42	Dandeli	<i>Epaltes divaricata</i>	E	NE	Asteraceae
1572	74.77	14.42	Dandeli	<i>Garcinia indica</i>	E	NE	Clusiaceae
1573	74.77	14.42	Dandeli	<i>Mammea suriga</i>	E	NE	Clusiaceae
1574	74.77	14.42	Dandeli	<i>Cyperus iria</i>	E	NE	Cyperaceae
1575	74.77	14.42	Dandeli	<i>Alysicarpus vaginalis</i>	E	NE	Fabaceae
1576	74.77	14.42	Dandeli	<i>Hydnocarpus laurifolia</i>	E	NE	Flacourtiaceae
1577	74.77	14.42	Dandeli	<i>Litsea laevigata</i>	E	NE	Lauraceae
1578	74.77	14.42	Dandeli	<i>Lagerstroemia macrocarpa</i>	E	NE	Lythraceae
1579	74.77	14.42	Dandeli	<i>Memecylon talbotianum</i>	E	NE	Melastomataceae
1580	74.77	14.42	Dandeli	<i>Artocarpus heterophyllus</i>	E	NE	Moraceae
1581	74.77	14.42	Dandeli	<i>Artocarpus hirsuta</i>	E	NE	Moraceae
1582	74.77	14.42	Dandeli	<i>Myristica malabarica</i>	E	NE	Myristicaceae
1583	74.77	14.42	Dandeli	<i>Crotalaria filipes</i>	E	NE	Papilionaceae
1584	74.77	14.42	Dandeli	<i>Dactyloctenium aegyptium</i>	E	NE	Poaceae
1585	74.77	14.42	Dandeli	<i>Ixora brachiata</i>	E	NE	Rubiaceae
1586	74.78	14.72	Sonda	<i>Nothopegia colebrookiana</i>	E/WG	NE	Anacardiaceae
1587	74.78	14.72	Sonda	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1588	74.78	14.72	Sonda	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1589	74.78	14.72	Sonda	<i>Actinodaphne hookeri</i>	E/WG	T	Lauraceae
1590	74.78	14.59	Sirsimakki village	<i>Vateria indica</i>	E/WG	CE	Dipterocarpaceae
1591	74.79	14.41	Santgal	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
1592	74.79	14.41	Santagal	<i>Nothopegia colebrookiana</i>	E/WG	NE	Anacardiaceae
1593	74.79	14.41	Santagal	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1594	74.79	14.41	Santgal	<i>Actinodaphne hookeri</i>	E/WG	T	Lauraceae
1595	74.79	14.27	Mundigethagu	<i>Semecarpus kathalekanensis</i>	E/WG	CE	Anacardiaceae
1596	74.79	14.27	Torme	<i>Semecarpus kathalekanensis</i>	E/WG	CE	Anacardiaceae

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1597	74.79	14.27	Mundigethagu	<i>Mangifera indica</i>	E/WG	DD	Anacardiaceae
1598	74.79	14.27	Torme	<i>Mangifera indica</i>	E/WG	DD	Anacardiaceae
1599	74.79	14.27	Mundigethagu	<i>Dipterocarpus indicus</i>	E/WG	EN	Dipterocarpaceae
1600	74.79	14.27	Mundigethagu	<i>Hopea ponga</i>	E/WG	EN	Dipterocarpaceae
1601	74.79	14.27	Mundigethagu	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
1602	74.79	14.27	Mundigethagu	<i>Myristica fatua var. magnifica</i>	E/WG	EN	Myristicaceae
1603	74.79	14.27	Torme	<i>Dipterocarpus indicus</i>	E/WG	EN	Dipterocarpaceae
1604	74.79	14.27	Torme	<i>Hopea ponga</i>	E/WG	EN	Dipterocarpaceae
1605	74.79	14.27	Torme	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
1606	74.79	14.27	Torme	<i>Myristica fatua var. magnifica</i>	E/WG	EN	Myristicaceae
1607	74.79	14.27	Mundigethagu	<i>Mastixia arborea</i>	E/WG	LC	Cornaceae
1608	74.79	14.27	Torme	<i>Mastixia arborea</i>	E/WG	LC	Cornaceae
1609	74.79	14.27	Mundigethagu	<i>Knema attenuata</i>	E/WG	LRLC	Myristicaceae
1610	74.79	14.27	Torme	<i>Knema attenuata</i>	E/WG	LRLC	Myristicaceae
1611	74.79	14.27	Mundigethagu	<i>Dimocarpus longan</i>	E/WG	VU	Sapindaceae
1612	74.79	14.27	Torme	<i>Dimocarpus longan</i>	E/WG	VU	Sapindaceae
1613	74.79	14.27	Torme	<i>Elatostema lineolatus</i>	E/I	NE	Elaeocarpaceae
1614	74.79	14.27	Torme	<i>Pinanga dicksonii</i>	E/WG	NE	Arecaceae
1615	74.79	14.27	Torme	<i>Begonia malabarica</i>	E/WG	NE	Begoniaceae
1616	74.79	14.27	Torme	<i>Ochlandra scriptoria</i>	E/WG	NE	Poaceae
1617	74.79	14.27	Torme	<i>Argostemma courtallense</i>	E/WG	NE	Rubiaceae
1618	74.79	14.27	Torme	<i>Neurocalyx calycinus</i>	E/WG	NE	Rubiaceae
1619	74.79	14.27	Torme	<i>Jerdonia indica</i>	E/WG	NE	Scrophulariaceae
1620	74.79	14.27	Torme	<i>Lagenandra ovata</i>	E/WG/SL	NE	Araceae
1621	74.79	14.27	Torme	<i>Apama siliquosa</i>	E/WG/SL	NE	Aristolochiaceae
1622	74.79	14.27	Torme	<i>Schumannianthus virgatus</i>	E/WG/SL	NE	Cyperaceae
1623	74.79	14.27	Torme	<i>Pellionia heyneana</i>	E/WG/SL	NE	Urticaceae
1624	74.79	14.27	Mundigethagu	<i>Elatostema lineolatus</i>	E/I	NE	Elaeocarpaceae
1625	74.79	14.27	Mundigethagu	<i>Holigarna arnotiana</i>	E/WG	NE	Anacardiaceae
1626	74.79	14.27	Mundigethagu	<i>Holigarna ferruginea</i>	E/WG	NE	Anacardiaceae
1627	74.79	14.27	Mundigethagu	<i>Holigarna grahamii</i>	E/WG	NE	Anacardiaceae
1628	74.79	14.27	Mundigethagu	<i>Nothopegia colebrookiana</i>	E/WG	NE	Anacardiaceae
1629	74.79	14.27	Mundigethagu	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1630	74.79	14.27	Mundigethagu	<i>Pinanga dicksonii</i>	E/WG	NE	Arecaceae
1631	74.79	14.27	Mundigethagu	<i>Begonia malabarica</i>	E/WG	NE	Begoniaceae
1632	74.79	14.27	Mundigethagu	<i>Canarium strictum</i>	E/WG	NE	Burseraceae
1633	74.79	14.27	Mundigethagu	<i>Euonymus indicus</i>	E/WG	NE	Celastraceae
1634	74.79	14.27	Mundigethagu	<i>Diospyros assimilis</i>	E/WG	NE	Ebenaceae
1635	74.79	14.27	Mundigethagu	<i>Cyclostemon confertiflorum</i>	E/WG	NE	Euphorbiaceae
1636	74.79	14.27	Mundigethagu	<i>Flacourtia montana</i>	E/WG	NE	Flacourtiaceae
1637	74.79	14.27	Mundigethagu	<i>Hydnocarpus laurifolia</i>	E/WG	NE	Flacourtiaceae
1638	74.79	14.27	Mundigethagu	<i>Calophyllum polyanthum</i>	E/WG	NE	Clusiaceae
1639	74.79	14.27	Mundigethagu	<i>Garcinia talbotii</i>	E/WG	NE	Clusiaceae
1640	74.79	14.27	Mundigethagu	<i>Beilschmiedia sagifolia</i>	E/WG	NE	Lauraceae
1641	74.79	14.27	Mundigethagu	<i>Cinnamomum macrocarpum</i>	E/WG	NE	Lauraceae
1642	74.79	14.27	Mundigethagu	<i>Artocarpus hirsutus</i>	E/WG	NE	Moraceae
1643	74.79	14.27	Mundigethagu	<i>Myristica malabarica</i>	E/WG	NE	Myristicaceae
1644	74.79	14.27	Mundigethagu	<i>Syzygium laetum</i>	E/WG	NE	Myrtaceae
1645	74.79	14.27	Mundigethagu	<i>Syzygium macrocephalum</i>	E/WG	NE	Myrtaceae
1646	74.79	14.27	Mundigethagu	<i>Linociera malabarica</i>	E/WG	NE	Oleaceae

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1647	74.79	14.27	Mundigethagu	<i>Olea dioica</i>	E/WG	NE	Oleaceae
1648	74.79	14.27	Mundigethagu	<i>Ochlandra scriptoria</i>	E/WG	NE	Poaceae
1649	74.79	14.27	Mundigethagu	<i>Argostemma courtallense</i>	E/WG	NE	Rubiaceae
1650	74.79	14.27	Mundigethagu	<i>Ixora brachiata</i>	E/WG	NE	Rubiaceae
1651	74.79	14.27	Mundigethagu	<i>Neurocalyx calycinus</i>	E/WG	NE	Rubiaceae
1652	74.79	14.27	Mundigethagu	<i>Vepris bilocularis</i>	E/WG	NE	Rutaceae
1653	74.79	14.27	Mundigethagu	<i>Jerdonia indica</i>	E/WG	NE	Scrophulariaceae
1654	74.79	14.27	Mundigethagu	<i>Symplocos racemosa</i>	E/WG	NE	Symplocaceae
1655	74.79	14.27	Mundigethagu	<i>Garcinia gummi-gutta</i>	E/WG &	NE	Clusiaceae
1656	74.79	14.27	Mundigethagu	<i>Persea macrantha</i>	E/WG,SL	NE	Lauraceae
1657	74.79	14.27	Mundigethagu	<i>Miliusa indica</i>	E/WG/SL	NE	Annonaceae
1658	74.79	14.27	Mundigethagu	<i>Lagenandra ovata</i>	E/WG/SL	NE	Araceae
1659	74.79	14.27	Mundigethagu	<i>Apama siliquosa</i>	E/WG/SL	NE	Aristolochiaceae
1660	74.79	14.27	Mundigethagu	<i>Schumannianthus virgatus</i>	E/WG/SL	NE	Cyperaceae
1661	74.79	14.27	Mundigethagu	<i>Syzygium gardneri</i>	E/WG/SL	NE	Myrtaceae
1662	74.79	14.27	Mundigethagu	<i>Pellionia heyneana</i>	E/WG/SL	NE	Urticaceae
1663	74.79	14.27	Torme	<i>Holigarna arnotiana</i>	E/WG	NE	Anacardiaceae
1664	74.79	14.27	Torme	<i>Holigarna ferruginea</i>	E/WG	NE	Anacardiaceae
1665	74.79	14.27	Torme	<i>Holigarna grahamii</i>	E/WG	NE	Anacardiaceae
1666	74.79	14.27	Torme	<i>Nothopegia colebrookiana</i>	E/WG	NE	Anacardiaceae
1667	74.79	14.27	Torme	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1668	74.79	14.27	Torme	<i>Canarium strictum</i>	E/WG	NE	Burseraceae
1669	74.79	14.27	Torme	<i>Euonymus indicus</i>	E/WG	NE	Celastraceae
1670	74.79	14.27	Torme	<i>Diospyros assimilis</i>	E/WG	NE	Ebenaceae
1671	74.79	14.27	Torme	<i>Cyclostemon confertiflorum</i>	E/WG	NE	Euphorbiaceae
1672	74.79	14.27	Torme	<i>Flacourtia montana</i>	E/WG	NE	Flacourtiaceae
1673	74.79	14.27	Torme	<i>Hydnocarpus laurifolia</i>	E/WG	NE	Flacourtiaceae
1674	74.79	14.27	Torme	<i>Calophyllum polyanthum</i>	E/WG	NE	Clusiaceae
1675	74.79	14.27	Torme	<i>Garcinia talbotii</i>	E/WG	NE	Clusiaceae
1676	74.79	14.27	Torme	<i>Beilschmiedia fagifolia</i>	E/WG	NE	Lauraceae
1677	74.79	14.27	Torme	<i>Cinnamomum macrocarpum</i>	E/WG	NE	Lauraceae
1678	74.79	14.27	Torme	<i>Artocarpus hirsutus</i>	E/WG	NE	Moraceae
1679	74.79	14.27	Torme	<i>Myristica malabarica</i>	E/WG	NE	Myristicaceae
1680	74.79	14.27	Torme	<i>Syzygium laetum</i>	E/WG	NE	Myrtaceae
1681	74.79	14.27	Torme	<i>Syzygium macrocephalum</i>	E/WG	NE	Myrtaceae
1682	74.79	14.27	Torme	<i>Linociera malabarica</i>	E/WG	NE	Oleaceae
1683	74.79	14.27	Torme	<i>Olea dioica</i>	E/WG	NE	Oleaceae
1684	74.79	14.27	Torme	<i>Ixora brachiata</i>	E/WG	NE	Rubiaceae
1685	74.79	14.27	Torme	<i>Vepris bilocularis</i>	E/WG	NE	Rutaceae
1686	74.79	14.27	Torme	<i>Symplocos racemosa</i>	E/WG	NE	Symplocaceae
1687	74.79	14.27	Torme	<i>Garcinia gummi-gutta</i>	E/WG &	NE	Clusiaceae
1688	74.79	14.27	Torme	<i>Persea macrantha</i>	E/WG,SL	NE	Lauraceae
1689	74.79	14.27	Torme	<i>Miliusa indica</i>	E/WG/SL	NE	Annonaceae
1690	74.79	14.27	Torme	<i>Syzygium gardneri</i>	E/WG/SL	NE	Myrtaceae
1691	74.79	14.27	Mundigethagu	<i>Actinodaphne hookeri</i>	E/WG	T	Lauraceae
1692	74.79	14.27	Torme	<i>Actinodaphne hookeri</i>	E/WG	T	Lauraceae
1693	74.79	14.27	Torme	<i>Arenga wightii</i>	E/WG	VU	Arecaceae
1694	74.79	14.27	Mundigethagu	<i>Gymnacranthera canarica</i>	E/WG	VU	Myristicaceae
1695	74.79	14.27	Mundigethagu	<i>Arenga wightii</i>	E/WG	VU	Arecaceae
1696	74.79	14.27	Torme	<i>Gymnacranthera canarica</i>	E/WG	VU	Myristicaceae

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1697	74.82	14.73	Ragihosahalli (Sirsi)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
1698	74.82	14.73	Ragihosahalli (Sirsi)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
1699	74.82	14.73	Ragihosahalli (Sirsi)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
1700	74.82	14.73	Ragihosahalli (Sirsi)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae
1701	74.82	14.73	Ragihosahalli (Sirsi)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
1702	74.82	14.73	Ragihosahalli (Sirsi)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
1703	74.82	14.73	Ragihosahalli (Sirsi)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
1704	74.82	14.73	Ragihosahalli (Sirsi)	<i>Eclipta alba</i>	E	NE	Compositae
1705	74.82	14.73	Ragihosahalli (Sirsi)	<i>Cyperus iria</i>	E	NE	Cyperaceae
1706	74.82	14.73	Ragihosahalli (Sirsi)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
1707	74.82	14.73	Ragihosahalli (Sirsi)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
1708	74.82	14.73	Ragihosahalli (Sirsi)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
1709	74.82	14.73	Ragihosahalli (Sirsi)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
1710	74.82	14.73	Ragihosahalli (Sirsi)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
1711	74.82	14.73	Ragihosahalli (Sirsi)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
1712	74.82	14.73	Ragihosahalli (Sirsi)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
1713	74.82	14.73	Ragihosahalli (Sirsi)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
1714	74.82	14.73	Ragihosahalli (Sirsi)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
1715	74.82	14.73	Ragihosahalli (Sirsi)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
1716	74.82	14.73	Ragihosahalli (Sirsi)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
1717	74.82	14.73	Ragihosahalli (Sirsi)	<i>Grangea maderaspatana</i>	E	LC	Compositae
1718	74.82	14.73	Ragihosahalli (Sirsi)	<i>Grangea maderaspatana</i>	E	LC	Compositae
1719	74.82	14.73	Ragihosahalli (Sirsi)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
1720	74.82	14.73	Ragihosahalli (Sirsi)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
1721	74.82	14.73	Ragihosahalli (Sirsi)	<i>Drosera burmannii</i>	E	LC	Droseraceae
1722	74.82	14.73	Ragihosahalli (Sirsi)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
1723	74.82	14.73	Ragihosahalli (Sirsi)	<i>Eriocaulon dalzelli</i>	E	LC	Eriocaulaceae
1724	74.82	14.73	Ragihosahalli (Sirsi)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
1725	74.82	14.73	Ragihosahalli (Sirsi)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
1726	74.82	14.73	Ragihosahalli (Sirsi)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
1727	74.82	14.73	Ragihosahalli (Sirsi)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
1728	74.82	14.73	Ragihosahalli (Sirsi)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
1729	74.82	14.73	Ragihosahalli (Sirsi)	<i>Ischaemum molle</i>	E	LC	Gramineae
1730	74.82	14.73	Ragihosahalli (Sirsi)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
1731	74.82	14.73	Ragihosahalli (Sirsi)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
1732	74.82	14.73	Ragihosahalli (Sirsi)	<i>Rotala indica</i>	E	LC	Lythraceae
1733	74.82	14.73	Ragihosahalli (Sirsi)	<i>Rotala macrandra</i>	E	LC	Lythraceae
1734	74.82	14.73	Ragihosahalli (Sirsi)	<i>Rotala malampuzensis</i>	E	LC	Lythraceae
1735	74.82	14.73	Ragihosahalli (Sirsi)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
1736	74.82	14.73	Ragihosahalli (Sirsi)	<i>Rotula aquatica</i>	E	LC	Lythraceae
1737	74.82	14.73	Ragihosahalli (Sirsi)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
1738	74.82	14.73	Ragihosahalli (Sirsi)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
1739	74.82	14.73	Ragihosahalli (Sirsi)	<i>Weisneria triandra</i>	E	T	Alismataceae
1740	74.83	15.18	Tattigere	<i>Hopea ponga</i>	E	EN	Dipterocarpaceae
1741	74.83	15.18	Tattigere	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
1742	74.83	15.18	Tattigere	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
1743	74.83	15.18	Tattigere	<i>Holigarna arnottiana</i>	E	NE	Anacardiaceae
1744	74.83	15.18	Tattigere	<i>Polyalthia fragrans</i>	E	NE	Annonaceae
1745	74.83	15.18	Tattigere	<i>Caryota urens</i>	E	NE	Arecaceae
1746	74.83	15.18	Tattigere	<i>Aristolochia indica</i>	E	NE	Aristolochiaceae

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1747	74.83	15.18	Tattigere	<i>Epaltes divaricata</i>	E	NE	Asteraceae
1748	74.83	15.18	Tattigere	<i>Garcinia indica</i>	E	NE	Clusiaceae
1749	74.83	15.18	Tattigere	<i>Mammea suriga</i>	E	NE	Clusiaceae
1750	74.83	15.18	Tattigere	<i>Cyperus iria</i>	E	NE	Cyperaceae
1751	74.83	15.18	Tattigere	<i>Alysicarpus vaginalis</i>	E	NE	Fabaceae
1752	74.83	15.18	Tattigere	<i>Hydnocarpus laurifolia</i>	E	NE	Flacourtiaceae
1753	74.83	15.18	Tattigere	<i>Liorea laevigata</i>	E	NE	Lauraceae
1754	74.83	15.18	Tattigere	<i>Lagerstroemia macrocarpa</i>	E	NE	Lythraceae
1755	74.83	15.18	Tattigere	<i>Memecylon talbotianum</i>	E	NE	Melastomataceae
1756	74.83	15.18	Tattigere	<i>Artocarpus heterophyllus</i>	E	NE	Moraceae
1757	74.83	15.18	Tattigere	<i>Artocarpus hirsuta</i>	E	NE	Moraceae
1758	74.83	15.18	Tattigere	<i>Myristica malabarica</i>	E	NE	Myristicaceae
1759	74.83	15.18	Tattigere	<i>Crotalaria filipes</i>	E	NE	Papilionaceae
1760	74.83	15.18	Tattigere	<i>Dactyloctenium aegyptium</i>	E	NE	Poaceae
1761	74.83	15.18	Tattigere	<i>Ixora brachiata</i>	E	NE	Rubiaceae
1762	74.83	15.18	Tattigere	<i>Weisneria triandra</i>	E	T	Alismataceae
1763	74.85	14.23	Chandavar	<i>Hopea wightiana</i>	E/WG	EN	Dipterocarpaceae
1764	74.90	14.29	Siddapur	<i>Syzygium travancoricum</i>	E/WG	CE	Myrtaceae
1765	74.92	14.94	Mundgod	<i>Schoenoplectus grossus</i>	E	LC	Cyperaceae
1766	74.92	14.57	Bidralli(Eucalyptus Pant	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1767	74.94	14.61	Sugavi	<i>Ervatamia heyneana</i>	E/WG	NE	Apocynaceae
1768	75.00	14.56	Maralli (Sirsi)	<i>Hygrophila schulli</i>	E	LC	Acanthaceae
1769	75.00	14.56	Maralli (Sirsi)	<i>Alternanthera sessilis</i>	E	LC	Amaranthaceae
1770	75.00	14.56	Maralli (Sirsi)	<i>Commelina diffusa</i>	E	LC	Commelinaceae
1771	75.00	14.56	Maralli (Sirsi)	<i>Grangea maderaspatana</i>	E	LC	Compositae
1772	75.00	14.56	Maralli (Sirsi)	<i>Fuirena uncinata</i>	E	LC	Cyperaceae
1773	75.00	14.56	Maralli (Sirsi)	<i>Schoenoplectus articulatus</i>	E	LC	Cyperaceae
1774	75.00	14.56	Maralli (Sirsi)	<i>Drosera burmannii</i>	E	LC	Droseraceae
1775	75.00	14.56	Maralli (Sirsi)	<i>Eriocaulon cuspidatum</i>	E	LC	Eriocaulaceae
1776	75.00	14.56	Maralli (Sirsi)	<i>Eriocaulon dalzellii</i>	E	LC	Eriocaulaceae
1777	75.00	14.56	Maralli (Sirsi)	<i>Eriocaulon eurypeplon</i>	E	LC	Eriocaulaceae
1778	75.00	14.56	Maralli (Sirsi)	<i>Eriocaulon fysonii</i>	E	LC	Eriocaulaceae
1779	75.00	14.56	Maralli (Sirsi)	<i>Eriocaulon heterolepis</i>	E	LC	Eriocaulaceae
1780	75.00	14.56	Maralli (Sirsi)	<i>Eriocaulon lanceolatum</i>	E	LC	Eriocaulaceae
1781	75.00	14.56	Maralli (Sirsi)	<i>Eriocaulon stellatum</i>	E	LC	Eriocaulaceae
1782	75.00	14.56	Maralli (Sirsi)	<i>Hoppea fastigiata</i>	E	LC	Gentianaceae
1783	75.00	14.56	Maralli (Sirsi)	<i>Ischaemum molle</i>	E	LC	Gramineae
1784	75.00	14.56	Maralli (Sirsi)	<i>Utricularia reticulata</i>	E	LC	Lentibulariaceae
1785	75.00	14.56	Maralli (Sirsi)	<i>Ammannia baccifera</i>	E	LC	Lythraceae
1786	75.00	14.56	Maralli (Sirsi)	<i>Rotala indica</i>	E	LC	Lythraceae
1787	75.00	14.56	Maralli (Sirsi)	<i>Rotala macrandra</i>	E	LC	Lythraceae
1788	75.00	14.56	Maralli (Sirsi)	<i>Rotala malampuzensis</i>	E	LC	Lythraceae
1789	75.00	14.56	Maralli (Sirsi)	<i>Rotala rotundifolia</i>	E	LC	Lythraceae
1790	75.00	14.56	Maralli (Sirsi)	<i>Rotala aquatica</i>	E	LC	Lythraceae
1791	75.00	14.56	Maralli (Sirsi)	<i>Nymphaea nouchali</i>	E	LC	Nymphaeaceae
1792	75.00	14.56	Maralli (Sirsi)	<i>Lindernia crustacea</i>	E	LC	Scrofulariaceae
1793	75.00	14.56	Maralli (Sirsi)	<i>Lagenandra meeboldii</i>	E	NE	Araceae
1794	75.00	14.56	Maralli (Sirsi)	<i>Cryptocoryne spiralis</i>	E	NE	Araceae
1795	75.00	14.56	Maralli (Sirsi)	<i>Epaltes divaricata</i>	E	NE	Asteraceae
1796	75.00	14.56	Maralli (Sirsi)	<i>Spilanthes paniculata</i>	E	NE	Asteraceae

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1797	75.00	14.56	Maralli (Sirsi)	<i>Coldenia procumbens</i>	E	NE	Boraginaceae
1798	75.00	14.56	Maralli (Sirsi)	<i>Amisophacelus axillaris</i>	E	NE	Commelinaceae
1799	75.00	14.56	Maralli (Sirsi)	<i>Murdannia nudiflora</i>	E	NE	Commelinaceae
1800	75.00	14.56	Maralli (Sirsi)	<i>Eclipta alba</i>	E	NE	Compositae
1801	75.00	14.56	Maralli (Sirsi)	<i>Cyperus iria</i>	E	NE	Cyperaceae
1802	75.00	14.56	Maralli (Sirsi)	<i>Cyperus rotundus ssp.rotundus</i>	E	NE	Cyperaceae
1803	75.00	14.56	Maralli (Sirsi)	<i>Fimbristylis woodrowii</i>	E	NE	Cyperaceae
1804	75.00	14.56	Maralli (Sirsi)	<i>Kyllinga brevifolia</i>	E	NE	Cyperaceae
1805	75.00	14.56	Maralli (Sirsi)	<i>Eleocharis retroflexa</i>	E	NE	Elaeocarpaceae
1806	75.00	14.56	Maralli (Sirsi)	<i>Eleocharis dulcis</i>	E	NE	Elaeocarpaceae
1807	75.00	14.56	Maralli (Sirsi)	<i>Pogostemon erectus</i>	E	NE	Lamiaceae
1808	75.00	14.56	Maralli (Sirsi)	<i>Centella asiatica</i>	E	NE	Mackinlayaceae
1809	75.00	14.56	Maralli (Sirsi)	<i>Coix-lacryma Jobi</i>	E	NE	Poaceae
1810	75.00	14.56	Maralli (Sirsi)	<i>Weisneria triandra</i>	E	T	Alismataceae
1811	75.90	14.29	Siddapur	<i>Madhuca bourdillonii</i>	E/WG	EN	Sapotaceae
1812	77.85	14.23	Chandavar	<i>Ervatamia heyneana</i>	E/WG	EN	Apocynaceae
1813	74.85	14.23	Chandavar	<i>Holigarna arnottiana</i>	E/WG	EN	Anacardiaceae
1814	74.85	14.23	Chandavar	<i>Polyalthia fragrans</i>	E/WG	EN	Annonaceae
1815	74.85	14.23	Chandavar	<i>Flacourtia montana</i>	E	E	Flacourtiaceae
1816	74.85	14.23	Chandavar	<i>Garcinia indica</i>	E	E	Clusiaceae
1817	74.78	14.72	Sonda	<i>Lagerstroemia microcarpa</i>	E	E	Lythraceae
1818	74.44	14.51	Nagur	<i>Garcinia indica</i>	E	E	Clusiaceae

* E- Endemic; NE- Non endemic; LC- Least concern; VU- Vulnerable; NT- Near threatened; EN- endangered; CR- Critically endangered; DD- Data deficient;

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Flora – Non endemic							
S.no	Longitude	Latitude	Locations	Scientific name	EN / NE	IUCN status	Family
1	74.85	14.23	Chandavar	<i>Gnetum species</i>	NE	DD	Gnetaceae
2	74.85	14.23	Chandavar	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
3	74.85	14.23	Chandavar	<i>Alstonia scholaris</i>	NE	LC	Apocynaceae
4	75.04	14.52	Sirsi-Soraba Road	<i>Piper nigrum</i>	NE	NE	Piperaceae
5	74.85	14.23	Chandavar	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
6	74.85	14.23	Chandavar	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
7	74.85	14.23	Chandavar	<i>Wagatea spicata</i>	NE	NE	Caesalpiniaceae
8	74.85	14.23	Chandavar	<i>Calycopteris floribunda</i>	NE	NE	Combretaceae
9	74.85	14.23	Chandavar	<i>Sapium insigne</i>	NE	NE	Euphorbiaceae
10	74.85	14.23	Chandavar	<i>Cassia fistula</i>	NE	NE	Fabaceae
11	74.85	14.23	Chandavar	<i>Vitex altissima</i>	NE	NE	Verbenaceae
12	74.85	14.23	Chandavar	<i>Alseodaphne semecarpifolia</i>	NE	NE	Lauraceae
13	74.85	14.23	Chandavar	<i>Careya arborea</i>	NE	NE	Lecythidaceae
14	74.85	14.23	Chandavar	<i>Strychnos nux-vomica</i>	NE	NE	Loganiaceae
15	74.85	14.23	Chandavar	<i>Strychnos sp.</i>	NE	NE	Loganiaceae
16	74.85	14.23	Chandavar	<i>Lagerstroemia lanceolata</i>	NE	NE	Lythraceae
17	74.85	14.23	Chandavar	<i>Memecylon species</i>	NE	NE	Melastomataceae
18	74.85	14.23	Chandavar	<i>Ficus arnottiana</i>	NE	NE	Moraceae
19	74.85	14.23	Chandavar	<i>Myrtaceae member</i>	NE	NE	Myristicaceae
20	74.85	14.23	Chandavar	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae
21	74.85	14.23	Chandavar	<i>Olea dioica</i>	NE	NE	Oleaceae
22	74.85	14.23	Chandavar	<i>Biscofia javanica</i>	NE	NE	Phyllanthaceae
23	74.85	14.23	Chandavar	<i>Adina cordifolia</i>	NE	NE	Rubiaceae
24	74.85	14.23	Chandavar	<i>Ixora brecriata</i>	NE	NE	Rubiaceae
25	74.85	14.23	Chandavar	<i>Allophylus cobbe</i>	NE	NE	Sapindaceae
26	74.85	14.23	Chandavar	<i>Schleichera trijuga</i>	NE	NE	Sapindaceae
27	74.85	14.23	Chandavar	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
28	74.85	14.23	Chandavar	<i>Mimusops elengi</i>	NE	NE	Sapotaceae
29	74.85	14.23	Chandavar	<i>Leea indica</i>	NE	NE	Vitaceae
30	74.85	14.23	Chandavar	<i>E.umbellata</i>	NE	NE	Compositae
31	74.85	14.23	Chandavar	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
32	74.85	14.23	Chandavar	<i>Aglaia odoratissima</i>	NE	NE	Meliaceae
33	74.85	14.23	Chandavar	<i>Eugenia species</i>	NE	NE	Myrtaceae
34	74.85	14.23	Chandavar	<i>Carallia integerrima</i>	NE	NE	Rhizophoraceae
35	74.85	14.23	Chandavar	<i>Paramignyna monophylla</i>	NE	NE	Rutaceae
36	74.85	14.23	Chandavar	<i>Sapindus laurifolia</i>	NE	NE	Sapindaceae
37	74.85	14.23	Chandavar	<i>Madhuca nerifolia</i>	NE	NE	Sapotaceae
38	74.85	14.23	Chandavar	<i>Ailanthus malabarica</i>	NE	NE	Simaroubaceae
39	74.90	14.51	Betta Land(Bhairumbe)	<i>Aporosa lindleyana</i>	NE	EN	Euphorbiaceae
40	74.90	14.51	Bhairumbe	<i>Aporosa lindleyana</i>	NE	EN	Euphorbiaceae
41	74.90	14.51	Betta Land(Bhairumbe)	<i>Acacia torta</i>	NE	LC	Leguminosae
42	74.90	14.51	Bhairumbe	<i>Acacia torta</i>	NE	LC	Leguminosae
43	74.90	14.51	Betta Land(Bhairumbe)	<i>Alstonia scholaris</i>	NE	LRLC	Apocynaceae

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44	74.90	14.51	Bhairumbe	<i>Alstonia scholaris</i>	NE	LRLC	Apocynaceae
45	74.90	14.51	Betta Land(Bhairumbe)	<i>Alangium lamarckii</i>	NE	NE	Alangiaceae
46	74.90	14.51	Betta Land(Bhairumbe)	<i>Buchanania lanzan</i>	NE	NE	Anacardiaceae
47	74.90	14.51	Betta Land(Bhairumbe)	<i>Holigarna arnottiana</i>	NE	NE	Anacardiaceae
48	74.90	14.51	Betta Land(Bhairumbe)	<i>Spondias acuminata</i>	NE	NE	Anacardiaceae
49	74.90	14.51	Betta Land(Bhairumbe)	<i>Uvaria sp.</i>	NE	NE	Annonaceae
50	74.90	14.51	Betta Land(Bhairumbe)	<i>Carissa carandas</i>	NE	NE	Apocynaceae
51	74.90	14.51	Betta Land(Bhairumbe)	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
52	74.90	14.51	Betta Land(Bhairumbe)	<i>Bombax malabaricum</i>	NE	NE	Bombacaceae
53	74.90	14.51	Betta Land(Bhairumbe)	<i>Calycopteris floribunda</i>	NE	NE	Combretaceae
54	74.90	14.51	Betta Land(Bhairumbe)	<i>Terminalia bellerica</i>	NE	NE	Combretaceae
55	74.90	14.51	Betta Land(Bhairumbe)	<i>Terminalia bellerica</i>	NE	NE	Combretaceae
56	74.90	14.51	Betta Land(Bhairumbe)	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
57	74.90	14.51	Betta Land(Bhairumbe)	<i>Terminalia tomentosa</i>	NE	NE	Combretaceae
58	74.90	14.51	Betta Land(Bhairumbe)	<i>Dillenia pentagyna</i>	NE	NE	Dilleniaceae
59	74.94	14.61	Sugavi	<i>Xantolis tomentosa</i>	NE	NE	Sapotaceae
60	74.94	14.61	Sugavi	<i>Dalbergia latifolia</i>	NE	T	Leguminosae
61	74.94	14.61	Sugavi	<i>Pterocarpus marsupium</i>	NE	T	Leguminosae
62	74.90	14.51	Betta Land(Bhairumbe)	<i>Shorea talura</i>	NE	NE	Dipterocarpaceae
63	74.90	14.51	Betta Land(Bhairumbe)	<i>Diospyros montana</i>	NE	NE	Ebenaceae
64	74.90	14.51	Betta Land(Bhairumbe)	<i>Bridelia sp.</i>	NE	NE	Euphorbiaceae
65	74.90	14.51	Betta Land(Bhairumbe)	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
66	74.90	14.51	Betta Land(Bhairumbe)	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
67	74.90	14.51	Betta Land(Bhairumbe)	<i>Flacourtia sp.</i>	NE	NE	Flacourtiaceae
68	74.90	14.51	Betta Land(Bhairumbe)	<i>Flacourtia species</i>	NE	NE	Flacourtiaceae
69	74.90	14.51	Betta Land(Bhairumbe)	<i>Careya arborea</i>	NE	NE	Lecythidaceae
70	74.90	14.51	Betta Land(Bhairumbe)	<i>D.paniculata</i>	NE	NE	Leguminosae
71	74.90	14.51	Betta Land(Bhairumbe)	<i>D.sympathetica</i>	NE	NE	Leguminosae
72	74.90	14.51	Betta Land(Bhairumbe)	<i>Dalbergia sympathetica</i>	NE	NE	Leguminosae
73	74.90	14.51	Betta Land(Bhairumbe)	<i>Lagerstroemia microcarpa</i>	NE	NE	Lythraceae
74	74.90	14.51	Betta Land(Bhairumbe)	<i>Lagerstroemia lanceolata</i>	NE	NE	Lythraceae
75	74.90	14.51	Betta Land(Bhairumbe)	<i>Chukrasia tabularis</i>	NE	NE	Meliaceae
76	74.90	14.51	Betta Land(Bhairumbe)	<i>Artocarpus hirsutus</i>	NE	NE	Moraceae
77	74.90	14.51	Betta Land(Bhairumbe)	<i>Artocarpus lakoocha</i>	NE	NE	Moraceae
78	74.90	14.51	Betta Land(Bhairumbe)	<i>Ficus sp.</i>	NE	NE	Moraceae
79	74.90	14.51	Betta Land(Bhairumbe)	<i>Ficus species</i>	NE	NE	Moraceae
80	74.90	14.51	Betta Land(Bhairumbe)	<i>Embelia sp.</i>	NE	NE	Myrsinaceae
81	74.90	14.51	Betta Land(Bhairumbe)	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae
82	74.90	14.51	Betta Land(Bhairumbe)	<i>Syzygium caryophyllatum</i>	NE	NE	Myrtaceae
83	74.90	14.51	Betta Land(Bhairumbe)	<i>Jasminum malabaricum</i>	NE	NE	Oleaceae
84	74.90	14.51	Betta Land(Bhairumbe)	<i>Linociera malabarica</i>	NE	NE	Oleaceae
85	74.90	14.51	Betta Land(Bhairumbe)	<i>Linociera malabaricum</i>	NE	NE	Oleaceae
86	74.90	14.51	Betta Land(Bhairumbe)	<i>Olea dioica</i>	NE	NE	Oleaceae
87	74.90	14.51	Betta Land(Bhairumbe)	<i>Phyllanthus embellica</i>	NE	NE	Phyllanthaceae
88	74.90	14.51	Betta Land(Bhairumbe)	<i>Phyllanthus embica</i>	NE	NE	Phyllanthaceae

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89	74.90	14.51	Betta Land(Bhairumbe)	<i>Ziziphus oenoplia</i>	NE	NE	Rhamnaceae
90	74.90	14.51	Betta Land(Bhairumbe)	<i>Ziziphus oenoplia</i>	NE	NE	Rhamnaceae
91	74.90	14.51	Betta Land(Bhairumbe)	<i>Ziziphus rugosa</i>	NE	NE	Rhamnaceae
92	74.90	14.51	Betta Land(Bhairumbe)	<i>Ziziphus rugosa</i>	NE	NE	Rhamnaceae
93	74.90	14.51	Betta Land(Bhairumbe)	<i>Ziziphus xylopyrus</i>	NE	NE	Rhamnaceae
94	74.90	14.51	Betta Land(Bhairumbe)	<i>Mitragyna parviflora</i>	NE	NE	Rubiaceae
95	74.90	14.51	Betta Land(Bhairumbe)	<i>Chassalia ophioxylodes</i>	NE	NE	Rubiaceae
96	74.90	14.51	Betta Land(Bhairumbe)	<i>Ixora coccinea</i>	NE	NE	Rubiaceae
97	74.90	14.51	Betta Land(Bhairumbe)	<i>Mussaenda frondosa</i>	NE	NE	Rubiaceae
98	74.90	14.51	Betta Land(Bhairumbe)	<i>Pavetta sp.</i>	NE	NE	Rubiaceae
99	74.90	14.51	Betta Land(Bhairumbe)	<i>Psychotria florida</i>	NE	NE	Rubiaceae
100	74.90	14.51	Betta Land(Bhairumbe)	<i>Randia spinosa</i>	NE	NE	Rubiaceae
101	74.90	14.51	Betta Land(Bhairumbe)	<i>Randia spinosa</i>	NE	NE	Rubiaceae
102	74.90	14.51	Betta Land(Bhairumbe)	<i>Randia uliginosa</i>	NE	NE	Rubiaceae
103	74.90	14.51	Betta Land(Bhairumbe)	<i>Glycosmis pentaphylla</i>	NE	NE	Rutaceae
104	74.90	14.51	Betta Land(Bhairumbe)	<i>Zanthoxylum rhetsa</i>	NE	NE	Rutaceae
105	74.90	14.51	Betta Land(Bhairumbe)	<i>Allophylus cobbe</i>	NE	NE	Sapindaceae
106	74.90	14.51	Betta Land(Bhairumbe)	<i>Schleichera oleosa</i>	NE	NE	Sapindaceae
107	74.90	14.51	Betta Land(Bhairumbe)	<i>Bassia latifolia</i>	NE	NE	Sapotaceae
108	74.90	14.51	Betta Land(Bhairumbe)	<i>Bryenia sp.</i>	NE	NE	Stangeriaceae
109	74.90	14.51	Betta Land(Bhairumbe)	<i>Grewia tilifolia</i>	NE	NE	Tiliaceae
110	74.90	14.51	Betta Land(Bhairumbe)	<i>Clerodendrum sp.</i>	NE	NE	Verbenaceae
111	74.90	14.51	Betta Land(Bhairumbe)	<i>Cissus discolor</i>	NE	NE	Vitaceae
112	74.90	14.51	Betta Land(Bhairumbe)	<i>Leea indica</i>	NE	NE	Vitaceae
113	74.90	14.51	Betta Land(Bhairumbe)	<i>Argeria sp.</i>	NE	NE	
114	74.90	14.51	Betta Land(Bhairumbe)	<i>Odina woodier</i>	NE	NE	
115	74.90	14.51	Betta Land(Bhairumbe)	<i>Strobilanthes sp.</i>	NE	NE	
116	74.90	14.51	Betta Land(Bhairumbe)	<i>Ventilago sp.</i>	NE	NE	
117	74.90	14.51	Bhairumbe	<i>Acanthaceae sp.</i>	NE	NE	Acanthaceae
118	74.90	14.51	Bhairumbe	<i>Alangium lamarckii</i>	NE	NE	Alangiaceae
119	74.90	14.51	Bhairumbe	<i>Buchanania lanzan</i>	NE	NE	Anacardiaceae
120	74.90	14.51	Bhairumbe	<i>Holigarna arnottiana</i>	NE	NE	Anacardiaceae
121	74.90	14.51	Bhairumbe	<i>Spondias acuminata</i>	NE	NE	Anacardiaceae
122	74.90	14.51	Bhairumbe	<i>Uvaria sp.</i>	NE	NE	Annonaceae
123	74.90	14.51	Bhairumbe	<i>Carissa carandas</i>	NE	NE	Apocynaceae
124	74.90	14.51	Bhairumbe	<i>Hemidesmus indicus</i>	NE	NE	Apocynaceae
125	74.90	14.51	Bhairumbe	<i>Compositaceae sp.</i>	NE	NE	Asteraceae
126	74.90	14.51	Bhairumbe	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
127	74.90	14.51	Bhairumbe	<i>Bombax malabaricum</i>	NE	NE	Bombacaceae
128	74.90	14.51	Bhairumbe	<i>Calycopteris floribunda</i>	NE	NE	Combretaceae
129	74.90	14.51	Bhairumbe	<i>Calycopteris floribunda(Lianas)</i>	NE	NE	Combretaceae
130	74.90	14.51	Bhairumbe	<i>Terminalia bellerica</i>	NE	NE	Combretaceae
131	74.90	14.51	Bhairumbe	<i>Terminalia bellirica</i>	NE	NE	Combretaceae
132	74.90	14.51	Bhairumbe	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
133	74.90	14.51	Bhairumbe	<i>Terminalia tomentosa</i>	NE	NE	Combretaceae

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134	74.90	14.51	Bhairumbe	<i>Argyrcia sp.</i>	NE	NE	Convolvulaceae
135	74.90	14.51	Bhairumbe	<i>Cyperaceae sp.</i>	NE	NE	Cyperaceae
136	74.90	14.51	Bhairumbe	<i>Dillenia pentagyna</i>	NE	NE	Dilleniaceae
137	74.90	14.51	Bhairumbe	<i>Shorea talura</i>	NE	NE	Dipterocarpaceae
138	74.90	14.51	Bhairumbe	<i>Diospyros montana</i>	NE	NE	Ebenaceae
139	74.90	14.51	Bhairumbe	<i>Bridelia sp.</i>	NE	NE	Euphorbiaceae
140	74.90	14.51	Bhairumbe	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
141	74.90	14.51	Bhairumbe	<i>Mimosa pudica</i>	NE	NE	Fabaceae
142	74.90	14.51	Bhairumbe	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
143	74.90	14.51	Bhairumbe	<i>Flacourtia sp.</i>	NE	NE	Flacourtiaceae
144	74.90	14.51	Bhairumbe	<i>Flacourtia species</i>	NE	NE	Flacourtiaceae
145	74.90	14.51	Bhairumbe	<i>Gramineae sp.</i>	NE	NE	Gramineae
146	74.90	14.51	Bhairumbe	<i>Careya arborea</i>	NE	NE	Lecythidaceae
147	74.90	14.51	Bhairumbe	<i>Caesalpineae sp.</i>	NE	NE	Leguminosae
148	74.90	14.51	Bhairumbe	<i>D.paniculata</i>	NE	NE	Leguminosae
149	74.90	14.51	Bhairumbe	<i>D.sympathetica</i>	NE	NE	Leguminosae
150	74.90	14.51	Bhairumbe	<i>Dalbergia sympathetica</i>	NE	NE	Leguminosae
151	74.90	14.51	Bhairumbe	<i>Elephantorrhiza scaber</i>	NE	NE	Leguminosae
152	74.90	14.51	Bhairumbe	<i>Indigofera sp.</i>	NE	NE	Leguminosae
153	74.90	14.51	Bhairumbe	<i>Lagerstroemia microcarpa</i>	NE	NE	Lythraceae
154	74.90	14.51	Bhairumbe	<i>Lagerstroemia lanceolata</i>	NE	NE	Lythraceae
155	74.90	14.51	Bhairumbe	<i>Sida sp.</i>	NE	NE	Malvaceae
156	74.90	14.51	Bhairumbe	<i>Chukrasia tabularis</i>	NE	NE	Meliaceae
157	74.90	14.51	Bhairumbe	<i>Artocarpus hirsutus</i>	NE	NE	Moraceae
158	74.90	14.51	Bhairumbe	<i>Artocarpus lakoocha</i>	NE	NE	Moraceae
159	74.90	14.51	Bhairumbe	<i>Ficus sp.</i>	NE	NE	Moraceae
160	74.90	14.51	Bhairumbe	<i>Ficus species 1</i>	NE	NE	Moraceae
161	74.90	14.51	Bhairumbe	<i>Embelia sp.</i>	NE	NE	Myrsinaceae
162	74.90	14.51	Bhairumbe	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae
163	74.90	14.51	Bhairumbe	<i>Syzygium caryophyllatum</i>	NE	NE	Myrtaceae
164	74.90	14.51	Bhairumbe	<i>Jasminum malabaricum</i>	NE	NE	Oleaceae
165	74.90	14.51	Bhairumbe	<i>Linociera malabarica</i>	NE	NE	Oleaceae
166	74.90	14.51	Bhairumbe	<i>Linociera malabaricum</i>	NE	NE	Oleaceae
167	74.90	14.51	Bhairumbe	<i>Olea dioica</i>	NE	NE	Oleaceae
168	74.90	14.51	Bhairumbe	<i>Phyllanthus emblica</i>	NE	NE	Phyllanthaceae
169	74.90	14.51	Bhairumbe	<i>Phyllanthus emblica</i>	NE	NE	Phyllanthaceae
170	74.90	14.51	Bhairumbe	<i>Ziziphus oenoplia</i>	NE	NE	Rhamnaceae
171	74.90	14.51	Bhairumbe	<i>Ziziphus oenoplia</i>	NE	NE	Rhamnaceae
172	74.90	14.51	Bhairumbe	<i>Ziziphus rugosa</i>	NE	NE	Rhamnaceae
173	74.90	14.51	Bhairumbe	<i>Ziziphus rugosa</i>	NE	NE	Rhamnaceae
174	74.90	14.51	Bhairumbe	<i>Ziziphus xylopyrus</i>	NE	NE	Rhamnaceae
175	74.90	14.51	Bhairumbe	<i>Mitragyna parviflora</i>	NE	NE	Rubiaceae
176	74.90	14.51	Bhairumbe	<i>Adina cordifolia</i>	NE	NE	Rubiaceae
177	74.90	14.51	Bhairumbe	<i>Chassalia ophioxylodes</i>	NE	NE	Rubiaceae
178	74.90	14.51	Bhairumbe	<i>Ixora coccinea</i>	NE	NE	Rubiaceae

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179	74.90	14.51	Bhairumbe	<i>Mussaenda frondosa</i>	NE	NE	Rubiaceae
180	74.90	14.51	Bhairumbe	<i>Pavetta sp.</i>	NE	NE	Rubiaceae
181	74.90	14.51	Bhairumbe	<i>Psychotria florida</i>	NE	NE	Rubiaceae
182	74.90	14.51	Bhairumbe	<i>Randia spinosa</i>	NE	NE	Rubiaceae
183	74.90	14.51	Bhairumbe	<i>Randia spinosa</i>	NE	NE	Rubiaceae
184	74.90	14.51	Bhairumbe	<i>Randia uliginosa</i>	NE	NE	Rubiaceae
185	74.90	14.51	Bhairumbe	<i>Glycosmis pentaphylla</i>	NE	NE	Rutaceae
186	74.90	14.51	Bhairumbe	<i>Zanthoxylum rhetsa</i>	NE	NE	Rutaceae
187	74.90	14.51	Bhairumbe	<i>Allophylus cobbe</i>	NE	NE	Sapindaceae
188	74.90	14.51	Bhairumbe	<i>Schleichera oleosa</i>	NE	NE	Sapindaceae
189	74.90	14.51	Bhairumbe	<i>Bassia latifolia</i>	NE	NE	Sapotaceae
190	74.90	14.51	Bhairumbe	<i>Smilax zeylanica</i>	NE	NE	Smilacaceae
191	74.90	14.51	Bhairumbe	<i>Bryenia sp.</i>	NE	NE	Stangeriaceae
192	74.90	14.51	Bhairumbe	<i>Grewia tiliifolia</i>	NE	NE	Malvaceae
193	74.90	14.51	Bhairumbe	<i>Clerodendrum sp.</i>	NE	NE	Verbenaceae
194	74.90	14.51	Bhairumbe	<i>Cissus discolor</i>	NE	NE	Vitaceae
195	74.90	14.51	Bhairumbe	<i>Cissus discolor</i>	NE	NE	Vitaceae
196	74.90	14.51	Bhairumbe	<i>Leea indica</i>	NE	NE	Vitaceae
197	74.94	14.61	Sugavi	<i>Randia uliginosa</i>	NE	NE	Rubiaceae
198	74.94	14.61	Sugavi	<i>Bassia latifolia</i>	NE	NE	Sapotaceae
199	74.90	14.51	Bhairumbe	<i>Strobilanthes sp</i>	NE	NE	Acanthaceae
200	74.90	14.51	Bhairumbe	<i>Ventilago sp.</i>	NE	NE	
201	74.90	14.51	Betta Land(Bhairumbe)	<i>Pterocarpus marsupium</i>	NE	T	Leguminosae
202	74.90	14.51	Bhairumbe	<i>Pterocarpus marsupium</i>	NE	T	Leguminosae
203	74.30	14.65	Ankola-Yellapur Road	<i>Embelia ribes</i>	NE	NE	Myrsinaceae
204	74.30	14.65	Ankola	<i>Isachne pulchella</i>	NE	NE	Poaceae
205	74.32	14.55	Gokarna Beech	<i>Calotropis gigantea</i>	NE	NE	Apocynaceae
206	74.32	14.55	Gokarna Beech	<i>Calotropis gigantea</i>	NE	NE	Apocynaceae
207	74.32	14.55	Gokarna Yellapur Road	<i>Euginea jambolana</i>	NE	NE	Myrtaceae
208	74.32	14.55	Gokarna Yellapur Road	<i>Euginea jambolana</i>	NE	NE	Myrtaceae
209	74.32	14.55	Gokarna Yellapur Road	<i>Euginea jambolana</i>	NE	NE	Myrtaceae
210	74.32	14.55	Gokarna Yellapur Road	<i>Euginea jambolana</i>	NE	NE	Myrtaceae
211	74.33	15.00	Badpolli	<i>Centranthera indica</i>	NE	LC	Scrophulariaceae
212	74.33	15.00	Badpolli	<i>Justicia simplex</i>	NE	NE	Acanthaceae
213	74.33	15.00	Badpolli	<i>Lannea coromandelica</i>	NE	NE	Anacardiaceae
214	74.33	15.00	Badpolli	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
215	74.33	15.00	Badpolli	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
216	74.33	15.00	Badpolli	<i>Holarrhena antidysenterica</i>	NE	NE	Apocynaceae
217	74.33	15.00	Badpolli	<i>Ichnocarpus frutescens</i>	NE	NE	Apocynaceae
218	74.33	15.00	Badpolli	<i>Theriophonum dalzellii</i>	NE	NE	Araceae
219	74.33	15.00	Badpolli	<i>Gymnema sylvestre</i>	NE	NE	Asclepiadaceae
220	74.33	15.00	Badpolli	<i>Hemidesmus indicus</i>	NE	NE	Asclepiadaceae
221	74.33	15.00	Badpolli	<i>Sphaeranthus indicus</i>	NE	NE	Asteraceae
222	74.33	15.00	Badpolli	<i>Tricholepis glaberrima</i>	NE	NE	Asteraceae
223	74.33	15.00	Badpolli	<i>Vernonia divergens</i>	NE	NE	Asteraceae

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224	74.33	15.00	Badpolli	<i>Dolichandrone spathacea</i>	NE	NE	Bignoniaceae
225	74.33	15.00	Badpolli	<i>Bombax ceiba</i>	NE	NE	Bombaceae
226	74.33	15.00	Badpolli	<i>Cordia myxa</i>	NE	NE	Boraginaceae
227	74.33	15.00	Badpolli	<i>Moullava spicata</i>	NE	NE	Caesalpinaceae
228	74.33	15.00	Badpolli	<i>Cassia tora</i>	NE	NE	Caesalpiniae
229	74.33	15.00	Badpolli	<i>Lobelia alsinoides</i>	NE	NE	Campanulaceae
230	74.33	15.00	Badpolli	<i>Calophyllum inophyllum</i>	NE	NE	Clusiaceae
231	74.33	15.00	Badpolli	<i>Terminalia alata</i>	NE	NE	Combretaceae
232	74.33	15.00	Badpolli	<i>Terminalia bellirica</i>	NE	NE	Combretaceae
233	74.33	15.00	Badpolli	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
234	74.33	15.00	Badpolli	<i>Cyperus compressus</i>	NE	NE	Cyperaceae
235	74.33	15.00	Badpolli	<i>Cyperus difformis</i>	NE	NE	Cyperaceae
236	74.33	15.00	Badpolli	<i>Cyperus halpan</i>	NE	NE	Cyperaceae
237	74.33	15.00	Badpolli	<i>Cyperus malaccensis</i>	NE	NE	Cyperaceae
238	74.33	15.00	Badpolli	<i>Eleocharis acutangula</i>	NE	NE	Cyperaceae
239	74.33	15.00	Badpolli	<i>Fimbristylis bisumbellata</i>	NE	NE	Cyperaceae
240	74.33	15.00	Badpolli	<i>Fimbristylis dichotoma</i>	NE	NE	Cyperaceae
241	74.33	15.00	Badpolli	<i>Fimbristylis ferruginea</i>	NE	NE	Cyperaceae
242	74.33	15.00	Badpolli	<i>Fuirena ciliaris</i>	NE	NE	Cyperaceae
243	74.33	15.00	Badpolli	<i>Kyllinga melanosperma</i>	NE	NE	Cyperaceae
244	74.33	15.00	Badpolli	<i>Mariscus javanicus</i>	NE	NE	Cyperaceae
245	74.33	15.00	Badpolli	<i>Pycurus polystachyos</i>	NE	NE	Cyperaceae
246	74.33	15.00	Badpolli	<i>Pycurus pumilus</i>	NE	NE	Cyperaceae
247	74.33	15.00	Badpolli	<i>Pycurus sanguinolentus</i>	NE	NE	Cyperaceae
248	74.33	15.00	Badpolli	<i>Pycurus stramineus</i>	NE	NE	Cyperaceae
249	74.33	15.00	Badpolli	<i>Rhynchospora wightiana</i>	NE	NE	Cyperaceae
250	74.33	15.00	Badpolli	<i>Schoenoplectus lateriflorus</i>	NE	NE	Cyperaceae
251	74.33	15.00	Badpolli	<i>Dillenia pentagyna</i>	NE	NE	Dilleniaceae
252	74.33	15.00	Badpolli	<i>Diospyros montana</i>	NE	NE	Ebenaceae
253	74.33	15.00	Badpolli	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
254	74.33	15.00	Badpolli	<i>Aporosa lindleyana</i>	NE	NE	Euphorbiaceae
255	74.33	15.00	Badpolli	<i>Bridelia crenulata</i>	NE	NE	Euphorbiaceae
256	74.33	15.00	Badpolli	<i>Euphorbia notoptera</i>	NE	NE	Euphorbiaceae
257	74.33	15.00	Badpolli	<i>Excoecaria agallocha</i>	NE	NE	Euphorbiaceae
258	74.33	15.00	Badpolli	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
259	74.33	15.00	Badpolli	<i>Mallotus philippensis</i>	NE	NE	Euphorbiaceae
260	74.33	15.00	Badpolli	<i>Phyllanthus emblica</i>	NE	NE	Euphorbiaceae
261	74.33	15.00	Badpolli	<i>Phyllanthus simplex</i>	NE	NE	Euphorbiaceae
262	74.33	15.00	Badpolli	<i>Phyllanthus urinaria</i>	NE	NE	Euphorbiaceae
263	74.33	15.00	Badpolli	<i>Sapium insigne</i>	NE	NE	Euphorbiaceae
264	74.33	15.00	Badpolli	<i>Trewia nudiflora</i>	NE	NE	Euphorbiaceae
265	74.33	15.00	Badpolli	<i>Cassia fistula</i>	NE	NE	Fabaceae
266	74.33	15.00	Badpolli	<i>Mimosa pudica</i>	NE	NE	Fabaceae
267	74.33	15.00	Badpolli	<i>Desmodium triflorum</i>	NE	NE	Fabaceae
268	74.33	15.00	Badpolli	<i>Smithia hirsuta</i>	NE	NE	Fabaceae

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269	74.33	15.00	Badpolli	<i>Zornia gibbosa</i>	NE	NE	Fabaceae
270	74.33	15.00	Badpolli	<i>Pongamia pinnata</i>	NE	NE	Fabaceae
271	74.33	15.00	Badpolli	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
272	74.33	15.00	Badpolli	<i>Dalbergia horrida</i>	NE	NE	Fabaceae
273	74.33	15.00	Badpolli	<i>Derris scandens</i>	NE	NE	Fabaceae
274	74.33	15.00	Badpolli	<i>Derris trifoliata</i>	NE	NE	Fabaceae
275	74.33	15.00	Badpolli	<i>Casearia rubescens</i>	NE	NE	Flacourtiaceae
276	74.94	14.61	Sugavi	<i>Bassia latifolia</i>	NE	NE	Sapotaceae
277	74.33	15.00	Badpolli	<i>Hoppea dichotoma</i>	NE	NE	Gantianaceae
278	74.33	15.00	Badpolli	<i>Canscora decurrens</i>	NE	NE	Gentianaceae
279	74.33	15.00	Badpolli	<i>Blyxa aubertii</i>	NE	NE	Hydrocharitaceae
280	74.33	15.00	Badpolli	<i>Nothapodytes</i>	NE	NE	Icacinaceae
281	74.33	15.00	Badpolli	<i>Leucas lavandulifolia</i>	NE	NE	Lamiaceae
282	74.33	15.00	Badpolli	<i>Ocimum canum</i>	NE	NE	Lamiaceae
283	74.33	15.00	Badpolli	<i>Barringtonia acutangula</i>	NE	NE	Lecythidaceae
284	74.33	15.00	Badpolli	<i>Careya arborea</i>	NE	NE	Lecythidaceae
285	74.33	15.00	Badpolli	<i>Leea indica</i>	NE	NE	Leeaceae
286	74.33	15.00	Badpolli	<i>Gloriosa superba</i>	NE	NE	Colchicaceae
287	74.33	15.00	Badpolli	<i>Strychnos nux-vomica</i>	NE	NE	Loganiaceae
288	74.33	15.00	Badpolli	<i>Sida acuta</i>	NE	NE	Malvaceae
289	74.33	15.00	Badpolli	<i>Urena lobata</i>	NE	NE	Malvaceae
290	74.33	15.00	Badpolli	<i>Ficus arnottiana</i>	NE	NE	Moraceae
291	74.33	15.00	Badpolli	<i>Ficus drupacea</i>	NE	NE	Moraceae
292	74.33	15.00	Badpolli	<i>Ficus hispida</i>	NE	NE	Moraceae
293	74.33	15.00	Badpolli	<i>Streblus asper</i>	NE	NE	Moraceae
294	74.33	15.00	Badpolli	<i>Avicennia officinalis</i>	NE	NE	Avicenniaceae
295	74.33	15.00	Badpolli	<i>Syzygium caryophyllatum</i>	NE	NE	Myrtaceae
296	74.33	15.00	Badpolli	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
297	74.33	15.00	Badpolli	<i>Olea dioica</i>	NE	NE	Oleaceae
298	74.33	15.00	Badpolli	<i>Ludwigia perennis</i>	NE	NE	Onagraceae
299	74.33	15.00	Badpolli	<i>Rhynchosyris retusa</i>	NE	NE	Orchidaceae
300	74.33	15.00	Badpolli	<i>Arundinella metzii</i>	NE	NE	Papilionaceae
301	74.33	15.00	Badpolli	<i>Geissaspis cristata</i>	NE	NE	Papilionaceae
302	74.33	15.00	Badpolli	<i>Piper nigrum</i>	NE	NE	Piperaceae
303	74.33	15.00	Badpolli	<i>Dimeria hohenackeri</i>	NE	NE	Poaceae
304	74.33	15.00	Badpolli	<i>Dimeria ornithopoda</i>	NE	NE	Poaceae
305	74.33	15.00	Badpolli	<i>Eragrostis unioloides</i>	NE	NE	Poaceae
306	74.33	15.00	Badpolli	<i>Glyphochloa acuminata var. acuminata</i>	NE	NE	Poaceae
307	74.33	15.00	Badpolli	<i>Isachne globosa</i>	NE	NE	Poaceae
308	74.33	15.00	Badpolli	<i>Ischaemum indicum</i>	NE	NE	Poaceae
309	74.33	15.00	Badpolli	<i>Oplismenus burmannii</i>	NE	NE	Poaceae
310	74.33	15.00	Badpolli	<i>Paspalum scrobiculatum</i>	NE	NE	Poaceae
311	74.33	15.00	Badpolli	<i>Porteresia coarctata</i>	NE	NE	Poaceae
312	74.33	15.00	Badpolli	<i>Pseudanthistiria umbellata</i>	NE	NE	Poaceae
313	74.33	15.00	Badpolli	<i>Sporobolus virginicus</i>	NE	NE	Poaceae

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314	74.33	15.00	Badpolli	<i>Zoysia matrella</i>	NE	NE	Poaceae
315	74.33	15.00	Badpolli	<i>Portulaca oleracea</i>	NE	NE	Portulacaceae
316	74.33	15.00	Badpolli	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
317	74.33	15.00	Badpolli	<i>Kandelia candel</i>	NE	NE	Rhizophoraceae
318	74.33	15.00	Badpolli	<i>Rhizophora apiculata</i>	NE	NE	Rhizophoraceae
319	74.33	15.00	Badpolli	<i>Rhizophora mucronata</i>	NE	NE	Rhizophoraceae
320	74.33	15.00	Badpolli	<i>Hedyotis herbacea</i>	NE	NE	Rubiaceae
321	74.33	15.00	Badpolli	<i>Ixora arborea</i>	NE	NE	Rubiaceae
322	74.33	15.00	Badpolli	<i>Randia dumetorum</i>	NE	NE	Rubiaceae
323	74.33	15.00	Badpolli	<i>Spermacoce articularis</i>	NE	NE	Rubiaceae
324	74.33	15.00	Badpolli	<i>Spermacoce verticillata</i>	NE	NE	Rubiaceae
325	74.33	15.00	Badpolli	<i>Sapindus laurifolia</i>	NE	NE	Sapindaceae
326	74.33	15.00	Badpolli	<i>Schleichera oleosa</i>	NE	NE	Sapindaceae
327	74.33	15.00	Badpolli	<i>Madhuca nerifolia</i>	NE	NE	Sapotaceae
328	74.33	15.00	Badpolli	<i>Mimusops elengi</i>	NE	NE	Sapotaceae
329	74.33	15.00	Badpolli	<i>Bacopa monnieri</i>	NE	NE	Scrophulariaceae
330	74.33	15.00	Badpolli	<i>Lindernia crustacea</i>	NE	NE	Scrophulariaceae
331	74.33	15.00	Badpolli	<i>Lindernia tenuifolia</i>	NE	NE	Scrophulariaceae
332	74.33	15.00	Badpolli	<i>Striga lutea</i>	NE	NE	Scrophulariaceae
333	74.33	15.00	Badpolli	<i>Smilax zeylanica</i>	NE	NE	Smilacaceae
334	74.33	15.00	Badpolli	<i>Sonneratia caseolaris</i>	NE	NE	Sonneratiaceae
335	74.33	15.00	Badpolli	<i>Sphenoclea zeylanica</i>	NE	NE	Sphenocleaceae
336	74.33	15.00	Badpolli	<i>Grewia tiliaefolia</i>	NE	NE	Tiliaceae
337	74.33	15.00	Badpolli	<i>Vitex altissima</i>	NE	NE	Verbenaceae
338	74.33	15.00	Badpolli	<i>Buchanania lanzan</i>	NE	R	Anacardiaceae
339	74.33	15.40	Castle Rock-Diggi Road	<i>Acacia auriculiformis</i>	NE	NE	Fabaceae
340	74.33	15.40	Castle-Rock Diggie Road	<i>Emblica officinalis</i>	NE	NE	Phyllanthaceae
341	74.33	15.40	Castle-Rock Diggie Road	<i>Adina cardifolia</i>	NE	NE	Rubiaceae
342	74.37	15.00	Anshighat	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
343	74.37	15.00	Anshighat	<i>Holigarna grahamii</i>	NE	NE	Anacardiaceae
344	74.37	15.00	Anshighat	<i>Lansium amalalaynum</i>	NE	NE	Anacardiaceae
345	74.37	15.00	Anshighat	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
346	74.37	15.00	Anshighat	<i>Terminalia bellerica</i>	NE	NE	Combretaceae
347	74.37	15.00	Anshighat	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
348	74.37	15.00	Anshighat	<i>Terminalia tomentosa</i>	NE	NE	Combretaceae
349	74.37	15.00	Anshighat	<i>Dillenia pentagyna</i>	NE	NE	Dilleniaceae
350	74.37	15.00	Anshighat	<i>Diospyros ebenum</i>	NE	NE	Ebenaceae
351	74.37	15.00	Anshighat	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
352	74.37	15.00	Anshighat	<i>Diospyros montana</i>	NE	NE	Ebenaceae
353	74.37	15.00	Anshighat	<i>Diospyros nigrescens</i>	NE	NE	Ebenaceae
354	74.37	15.00	Anshighat	<i>Flacourtia montana</i>	NE	NE	Flacourtiaceae
355	74.37	15.00	Anshighat	<i>Hydnocarpus wightiana</i>	NE	NE	Flacourtiaceae
356	74.37	15.00	Anshighat	<i>Calophyllum polyanthum</i>	NE	NE	Clusiaceae
357	74.37	15.00	Anshighat	<i>Garcinia indica</i>	NE	NE	Clusiaceae
358	74.37	15.00	Anshighat	<i>Vitex altissima</i>	NE	NE	Verbenaceae

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359	74.37	15.00	Anshighat	<i>Alseodaphne semecarpifolia</i>	NE	NE	Lauraceae
360	74.37	15.00	Anshighat	<i>Cinnamomum sp.</i>	NE	NE	Lauraceae
361	74.37	15.00	Anshighat	<i>Cinnamomum sulphuratum</i>	NE	NE	Lauraceae
362	74.37	15.00	Anshighat	<i>Neolitsea scorbiculata</i>	NE	NE	Lauraceae
363	74.37	15.00	Anshighat	<i>Persea macrantha</i>	NE	NE	Lauraceae
364	74.37	15.00	Anshighat	<i>Careya arborea</i>	NE	NE	Lecythidaceae
365	74.94	14.61	Sugavi	<i>Randia spinosa</i>	NE	NE	Rubiaceae
366	74.94	14.61	Sugavi	<i>Randia uliginosa</i>	NE	NE	Rubiaceae
367	74.37	15.00	Anshighat	<i>Memecylon umbellatum</i>	NE	NE	Melastomataceae
368	74.37	15.00	Anshighat	<i>Dysoxylum malabaricum</i>	NE	NE	Meliaceae
369	74.37	15.00	Anshighat	<i>Artocarpus gomezianus</i>	NE	NE	Moraceae
370	74.37	15.00	Anshighat	<i>Artocarpus hirsuta</i>	NE	NE	Moraceae
371	74.37	15.00	Anshighat	<i>Myristica malabarica</i>	NE	NE	Myristicaceae
372	74.37	15.00	Anshighat	<i>Syzygium sp.</i>	NE	NE	Myrtaceae
373	74.37	15.00	Anshighat	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
374	74.37	15.00	Anshighat	<i>Syzygium sp.</i>	NE	NE	Myrtaceae
375	74.37	15.00	Anshighat	<i>Olea dioica</i>	NE	NE	Oleaceae
376	74.37	15.00	Anshighat	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
377	74.37	15.00	Anshighat	<i>Canthium didymum</i>	NE	NE	Rubiaceae
378	74.37	15.00	Anshighat	<i>Ixora brachiata</i>	NE	NE	Rubiaceae
379	74.37	15.00	Anshighat	<i>Acronychia laurifolia</i>	NE	NE	Rutaceae
380	74.37	15.00	Anshighat	<i>Rutaceae sp.</i>	NE	NE	Rutaceae
381	74.37	15.00	Anshighat	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
382	74.37	15.00	Anshighat	<i>Bachia denudata</i>	NE	NE	
383	74.37	15.00	Anshighat	<i>Garcinia talbotii</i> <i>Garcinia talbotii</i>	NE	NE	Clusiaceae
384	74.37	15.00	Anshighat	<i>Garcinia morella</i>	NE	NE	Clusiaceae
385	74.38	14.99	Karwar	<i>Dimeria avenacea</i>	NE	NE	Gramineae
386	74.38	14.99	Karwar-Anashi Road	<i>Saraca indica</i>	NE	NE	Fabales
387	74.38	14.99	Karwar-Anashi Road	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae
388	74.38	14.99	Karwar-Belgaum Road	<i>Cinnamomum xylanicum</i>	NE	NE	Lauraceae
389	74.38	14.99	Karwar-Belgaum Road	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
390	74.42	14.49	Mirzan	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
391	74.42	14.49	Mirzan	<i>Buchanania lanzan</i>	NE	NE	Anacardiaceae
392	74.42	14.49	Mirzan	<i>Spondias accuminata</i>	NE	NE	Anacardiaceae
393	74.42	14.49	Mirzan	<i>Carissa carandas</i>	NE	NE	Apocynaceae
394	74.42	14.49	Mirzan	<i>Holarrhena antidysenterica</i>	NE	NE	Apocynaceae
395	74.42	14.49	Mirzan	<i>Wagatea spicata</i>	NE	NE	Caesalpiniaceae
396	74.42	14.49	Mirzan	<i>Calycopteris floribunda</i>	NE	NE	Combretaceae
397	74.42	14.49	Mirzan	<i>Terminalia alata</i>	NE	NE	Combretaceae
398	74.42	14.49	Mirzan	<i>Terminalia bellerica</i>	NE	NE	Combretaceae
399	74.42	14.49	Mirzan	<i>Terminalia bellirica</i>	NE	NE	Combretaceae
400	74.42	14.49	Mirzan	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
401	74.42	14.49	Mirzan	<i>Terminalia tomentosa</i>	NE	NE	Combretaceae
402	74.42	14.49	Mirzan	<i>Diospyros montana</i>	NE	NE	Ebenaceae
403	74.42	14.49	Mirzan	<i>Bridelia sp.</i>	NE	NE	Euphorbiaceae

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404	74.42	14.49	Mirzan	<i>Croton sp.</i>	NE	NE	Euphorbiaceae
405	74.94	14.61	Sugavi	<i>Mitragyna parviflora</i>	NE	NE	Rubiaceae
406	74.94	14.61	Sugavi	<i>Adina cordifolia</i>	NE	NE	Rubiaceae
407	74.42	14.49	Mirzan	<i>Calophyllum elatum</i>	NE	NE	Clusiaceae
408	74.42	14.49	Mirzan	<i>Garcinia indica</i>	NE	NE	Clusiaceae
409	74.42	14.49	Mirzan	<i>Alseodaphe semecarpifolia</i>	NE	NE	Lauraceae
410	74.42	14.49	Mirzan	<i>Careya arborea</i>	NE	NE	Lecythidaceae
411	74.42	14.49	Mirzan	<i>Dalbergia sympathetica</i>	NE	NE	Leguminosae
412	74.42	14.49	Mirzan	<i>Strychnos nuxvomica</i>	NE	NE	Loganiaceae
413	74.42	14.49	Mirzan	<i>Strychnos nuxvomica</i>	NE	NE	Loganiaceae
414	74.42	14.49	Mirzan	<i>Aglaiia sp.</i>	NE	NE	Meliaceae
415	74.42	14.49	Mirzan	<i>Embelia sp.</i>	NE	NE	Myrsinaceae
416	74.42	14.49	Mirzan	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae
417	74.42	14.49	Mirzan	<i>Olea dioica</i>	NE	NE	Oleaceae
418	74.42	14.49	Mirzan	<i>Phyllanthus emblica</i>	NE	NE	Phyllanthaceae
419	74.42	14.49	Mirzan	<i>Ziziphus oenoplia</i>	NE	NE	Rhamnaceae
420	74.42	14.49	Mirzan	<i>Ziziphus rugosa</i>	NE	NE	Rhamnaceae
421	74.42	14.49	Mirzan	<i>Ziziphus xylopyrus</i>	NE	NE	Rhamnaceae
422	74.42	14.49	Mirzan	<i>Pavetta sp.</i>	NE	NE	Rubiaceae
423	74.42	14.49	Mirzan	<i>Randia spinosa</i>	NE	NE	Rubiaceae
424	74.42	14.49	Mirzan	<i>Allophylus cobbe</i>	NE	NE	Sapindaceae
425	74.42	14.49	Mirzan	<i>Allophylus lobba</i>	NE	NE	Sapindaceae
426	74.42	14.49	Mirzan	<i>Sapindus laurifolia</i>	NE	NE	Sapindaceae
427	74.42	14.49	Mirzan	<i>Schleichera oleosa</i>	NE	NE	Sapindaceae
428	74.42	14.49	Mirzan	<i>Schleichera trijuga</i>	NE	NE	Sapindaceae
429	74.42	14.49	Mirzan	<i>Schleichera oleosa</i>	NE	NE	Sapindaceae
430	74.42	14.49	Mirzan	<i>Grewia microcos</i>	NE	NE	Tiliaceae
431	74.42	14.49	Mirzan	<i>Odina woodier</i>	NE	NE	
432	74.42	14.49	Mirzan	<i>Bocagea dalzelli</i>	NE	NE	Annonaceae
433	74.42	14.49	Mirzan	<i>Wrightia tomentosa</i>	NE	NE	Apocynaceae
434	74.42	14.49	Mirzan	<i>Heterophragma species</i>	NE	NE	Bignoniaceae
435	74.42	14.49	Mirzan	<i>Sapium insigne</i>	NE	NE	Euphorbiaceae
436	74.42	14.49	Mirzan	<i>Ochrocarpus longifolius</i>	NE	NE	Clusiaceae
437	74.42	14.49	Mirzan	<i>Vitex altissima</i>	NE	NE	Verbenaceae
438	74.42	14.49	Mirzan	<i>Memecylon species</i>	NE	NE	Melastomataceae
439	74.42	14.49	Mirzan	<i>Ficus arnottiana</i>	NE	NE	Moraceae
440	74.42	14.49	Mirzan	<i>Ixora brachiata</i>	NE	NE	Rubiaceae
441	74.42	14.49	Mirzan	<i>Mimusops elengi</i>	NE	NE	Sapotaceae
442	74.42	14.49	Mirzan	<i>Breynia rhamnoides</i>	NE	NE	Stangeriaceae
443	74.43	14.56	Biragod-Baragadde Road	<i>Lagerstroemia lanceolata</i>	NE	NE	Lythraceae
444	74.43	14.85	Kaiga	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
445	74.43	14.85	Kaiga	<i>Cymbidium aloifolium</i>	NE	NE	Orchidaceae
446	74.43	14.85	Kaiga	<i>Pterobryopsis tumida</i>	NE	NE	Pterobryaceae
447	74.43	14.85	Kaiga	<i>Smilax sp.</i>	NE	NE	Smilacaceae
448	74.43	14.85	Kaiga	<i>Tectona grandis</i>	NE	NE	Verbenaceae

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449	74.43	14.85	Kaiga-Idagundi Road	<i>Piper nigrum</i>	NE	NE	Piperaceae
450	74.43	14.85	Kaiga-Karwar Road	<i>Oryza sativa</i>	NE	NE	Gramineae
451	74.43	14.85	Kalghatgi-Haliyal Road	<i>Azadirachta indica</i>	NE	NE	Malaceae
452	74.44	14.61	Devimane Ghat	<i>Celastrus paniculatus</i>	NE	NE	Celastraceae
453	74.44	14.51	Nagur	<i>Gnetum species</i>	NE	DD	Gnetaceae
454	74.44	14.51	Nagur	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
455	74.44	14.51	Nagur	<i>Buchanania lanzan</i>	NE	NE	Anacardiaceae
456	74.44	14.51	Nagur	<i>Holigarna arnottiana</i>	NE	NE	Anacardiaceae
457	74.44	14.51	Nagur	<i>Ancistrocladus heynaeanus</i>	NE	NE	Ancistrocladaceae
458	74.44	14.51	Nagur	<i>Artabotrys zeylanicus</i>	NE	NE	Annonaceae
459	74.44	14.51	Nagur	<i>Polyalthia fragrans</i>	NE	NE	Annonaceae
460	74.44	14.51	Nagur	<i>Carissa carandas</i>	NE	NE	Apocynaceae
461	74.44	14.51	Nagur	<i>Caryota urens</i>	NE	NE	Arecaceae
462	74.44	14.51	Nagur	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
463	74.44	14.51	Nagur	<i>Capparis sp.</i>	NE	NE	Capparaceae
464	74.44	14.51	Nagur	<i>Calycopteris floribunda</i>	NE	NE	Combretaceae
465	74.44	14.51	Nagur	<i>E.umbellata</i>	NE	NE	Compositae
466	74.44	14.51	Nagur	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
467	74.44	14.51	Nagur	<i>Diospyros macrophylla</i>	NE	NE	Ebenaceae
468	74.44	14.51	Nagur	<i>Diospyros sp.</i>	NE	NE	Ebenaceae
469	74.44	14.51	Nagur	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
470	74.44	14.51	Nagur	<i>Bridelia species</i>	NE	NE	Euphorbiaceae
471	74.44	14.51	Nagur	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
472	74.44	14.51	Nagur	<i>Sapium insigne</i>	NE	NE	Euphorbiaceae
473	74.44	14.51	Nagur	<i>Cassia fistula</i>	NE	NE	Fabaceae
474	74.44	14.51	Nagur	<i>Derris scandens</i>	NE	NE	Fabaceae
475	74.44	14.51	Nagur	<i>Flacourtia montana</i>	NE	NE	Flacourtiaceae
476	74.94	14.61	Sugavi	<i>Albizia odoratissima</i>	NE	NE	Leguminosae
477	74.44	14.51	Nagur	<i>Ochrocarpus longifolius</i>	NE	NE	Clusiaceae
478	74.44	14.51	Nagur	<i>Vitex altissima</i>	NE	NE	Verbenaceae
479	74.44	14.51	Nagur	<i>Machilus macrantha</i>	NE	NE	Lauraceae
480	74.44	14.51	Nagur	<i>Neolitsea sp.</i>	NE	NE	Lauraceae
481	74.44	14.51	Nagur	<i>Careya arborea</i>	NE	NE	Lecythidaceae
482	74.44	14.51	Nagur	<i>Strychnos sp.</i>	NE	NE	Loganiaceae
483	74.44	14.51	Nagur	<i>Sterculia gutata</i>	NE	NE	Malvaceae
484	74.44	14.51	Nagur	<i>Aglaiia odoratissima</i>	NE	NE	Meliaceae
485	74.44	14.51	Nagur	<i>Disoxylum sp.</i>	NE	NE	Meliaceae
486	74.44	14.51	Nagur	<i>Ficus sp.</i>	NE	NE	Moraceae
487	74.44	14.51	Nagur	<i>Myristica attenuata</i>	NE	NE	Myristicaceae
488	74.44	14.51	Nagur	<i>Myrtaceae member</i>	NE	NE	Myristicaceae
489	74.44	14.51	Nagur	<i>Ardisia solanacea</i>	NE	NE	Myrsinaceae
490	74.44	14.51	Nagur	<i>Olea dioica</i>	NE	NE	Oleaceae
491	74.44	14.51	Nagur	<i>Bliscofia javanica</i>	NE	NE	Phyllanthaceae
492	74.44	14.51	Nagur	<i>Carallia integerrima</i>	NE	NE	Rhizophoraceae
493	74.44	14.51	Nagur	<i>Rosa rugosa</i>	NE	NE	Rosaceae

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494	74.44	14.51	Nagur	<i>Ixora brachiata</i>	NE	NE	Rubiaceae
495	74.44	14.51	Nagur	<i>Plectronia didyma</i>	NE	NE	Rubiaceae
496	74.44	14.51	Nagur	<i>Schleichera trijuga</i>	NE	NE	Sapindaceae
497	74.44	14.51	Nagur	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
498	74.44	14.51	Nagur	<i>Mimusops elengi</i>	NE	NE	Sapotaceae
499	74.44	14.51	Nagur	<i>Xantolis tomentosa</i>	NE	NE	Sapotaceae
500	74.44	14.51	Nagur	<i>Lagerstroemia lanceolata</i>	NE	NE	Lythraceae
501	74.44	14.51	Nagur	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae
502	74.49	14.45	Kallabbe Forest	<i>Alstonia scholaris</i>	NE	LRLC	Apocynaceae
503	74.49	14.45	Kallabbe Forest	<i>Buchanania lanzan</i>	NE	NE	Anacardiaceae
504	74.49	14.45	Kallabbe Forest	<i>Holigarna arnottiana</i>	NE	NE	Anacardiaceae
505	74.49	14.45	Kallabbe Forest	<i>Holigarna grahamii</i>	NE	NE	Anacardiaceae
506	74.49	14.45	Kallabbe Forest	<i>Lannea coromandelica</i>	NE	NE	Anacardiaceae
507	74.49	14.45	Kallabbe Forest	<i>Polyalthia fragrans</i>	NE	NE	Annonaceae
508	74.49	14.45	Kallabbe Forest	<i>Caryota urens</i>	NE	NE	Arecaceae
509	74.49	14.45	Kallabbe Forest	<i>Pajanelia longifolia</i>	NE	NE	Bignoniaceae
510	74.49	14.45	Kallabbe Forest	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
511	74.49	14.45	Kallabbe Forest	<i>Diospyros montana</i>	NE	NE	Ebenaceae
512	74.49	14.45	Kallabbe Forest	<i>Bauhinia spp.</i>	NE	NE	Fabaceae
513	74.49	14.45	Kallabbe Forest	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
514	74.94	14.61	Sugavi	<i>Lagerstroemia lanceolata</i>	NE	NE	Lythraceae
515	74.49	14.45	Kallabbe Forest	<i>Flacourtia montana</i>	NE	NE	Flacourtiaceae
516	74.49	14.45	Kallabbe Forest	<i>Hydnocarpus wightiana</i>	NE	NE	Flacourtiaceae
517	74.49	14.45	Kallabbe Forest	<i>Vitex altissima</i>	NE	NE	Verbenaceae
518	74.49	14.45	Kallabbe Forest	<i>Alseodaphne semecarpifolia</i>	NE	NE	Lauraceae
519	74.49	14.45	Kallabbe Forest	<i>Strychnos nuxvomica</i>	NE	NE	Loganiaceae
520	74.49	14.45	Kallabbe Forest	<i>Pterospermum reticulatum</i>	NE	NE	Malvaceae
521	74.49	14.45	Kallabbe Forest	<i>Salmaal malabarica</i>	NE	NE	Malvaceae
522	74.49	14.45	Kallabbe Forest	<i>Dysoxylum binectariferum</i>	NE	NE	Meliaceae
523	74.49	14.45	Kallabbe Forest	<i>Dysoxylum malabaricum</i>	NE	NE	Meliaceae
524	74.49	14.45	Kallabbe Forest	<i>Walsura trifolia</i>	NE	NE	Meliaceae
525	74.49	14.45	Kallabbe Forest	<i>Artocarpus gomezianus</i>	NE	NE	Moraceae
526	74.49	14.45	Kallabbe Forest	<i>Artocarpus hirsuta</i>	NE	NE	Moraceae
527	74.49	14.45	Kallabbe Forest	<i>Ficus nervosa</i>	NE	NE	Moraceae
528	74.49	14.45	Kallabbe Forest	<i>Myristica beddomei</i>	NE	NE	Myristicaceae
529	74.49	14.45	Kallabbe Forest	<i>Syzygium corymbosa</i>	NE	NE	Myrtaceae
530	74.49	14.45	Kallabbe Forest	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
531	74.49	14.45	Kallabbe Forest	<i>Strombosia ceylanica</i>	NE	NE	Oleaceae
532	74.49	14.45	Kallabbe Forest	<i>Olea dioica</i>	NE	NE	Oleaceae
533	74.49	14.45	Kallabbe Forest	<i>Adina cordifolia</i>	NE	NE	Rubiaceae
534	74.49	14.45	Kallabbe Forest	<i>Ixora brachiata</i>	NE	NE	Rubiaceae
535	74.49	14.45	Kallabbe Forest	<i>Randia spp.</i>	NE	NE	Rubiaceae
536	74.49	14.45	Kallabbe Forest	<i>Sapindus laurifolius</i>	NE	NE	Sapindaceae
537	74.49	14.45	Kallabbe Forest	<i>Schleichera oleosa</i>	NE	NE	Sapindaceae
538	74.49	14.45	Kallabbe Forest	<i>Mangifera indica</i>	NE	NE	Anacardiaceae

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539	74.49	14.45	Kallabbe Forest	<i>Madhuca nerifolia</i>	NE	NE	Sapotaceae
540	74.49	14.45	Kallabbe Forest	<i>Mimusops elengi</i>	NE	NE	Sapotaceae
541	74.49	14.45	Kallabbe Forest	<i>Grewia sp.</i>	NE	NE	Tiliaceae
542	74.49	14.45	Kallabbe Forest	<i>Garcinia cambogia</i>	NE	NE	Clusiaceae
543	74.50	15.01	Ulvi-Dandeli Road	<i>Terminalia alata</i>	NE	NE	Combretaceae
544	74.51	14.27	Uttara Koppa	<i>Psidium guajava</i>	NE	NE	Myrtaceae
545	74.52	14.22	Tragod(Areca Plantation)	<i>Areca catechu</i>	NE	NE	Areaceae
546	74.52	14.22	Tragod(Areca Plantation)	<i>Blechnum sp.</i>	NE	NE	Blechnaceae
547	74.52	14.22	Tragod(Areca Plantation)	<i>Aneura</i>	NE	NE	Fabaceae
548	74.52	14.22	Tragod(Areca Plantation)	<i>Erythrina indica</i>	NE	NE	Fabaceae
549	74.52	14.22	Tragod(Areca Plantation)	<i>Gleichenia sp.</i>	NE	NE	Gleicheniaceae
550	74.52	14.22	Tragod(Areca Plantation)	<i>Dumortiera sp.</i>	NE	NE	Marchantiaceae
551	74.52	14.22	Tragod(Areca Plantation)	<i>Artocarpus integrifolia</i>	NE	NE	Moraceae
552	74.52	14.22	Tragod(Areca Plantation)	<i>Musa paradisiaca</i>	NE	NE	Musaceae
553	74.52	14.22	Tragod(Areca Plantation)	<i>Piper betel</i>	NE	NE	Piperaceae
554	74.52	14.22	Tragod(Areca Plantation)	<i>Piper nigrum</i>	NE	NE	Piperaceae
555	74.52	14.22	Tragod(Areca Plantation)	<i>Adiantum sp.</i>	NE	NE	Pteridaceae
556	74.52	14.22	Tragod(Areca Plantation)	<i>Riccia sp.</i>	NE	NE	Ricciaceae
557	74.52	14.22	Tragod(Areca Plantation)	<i>Cocos nucifera</i>	NE	NE	Rubiaceae
558	74.52	14.22	Tragod(Areca Plantation)	<i>Coffea sp.</i>	NE	NE	Rubiaceae
559	74.52	14.22	Tragod(Areca Plantation)	<i>Citrus sp.</i>	NE	NE	Rutaceae
560	74.52	14.22	Tragod(Areca Plantation)	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
561	74.52	14.22	Tragod(Areca Plantation)	<i>Elettaria cardomum</i>	NE	NE	Zingiberaceae
562	74.52	14.22	Tragod(Areca Plantation)	<i>Mosses</i>	NE	NE	
563	74.52	14.22	Tragod(Areca Plantation)	<i>Theobroma cacao</i>	NE	NE	Euphorbiaceae
564	74.55	15.21	Bapeli Cross-Ramnagar Road	<i>Caesalpinia bonduc</i>	NE	NE	Leguminosae
565	74.55	15.21	Bapeli Cross-Ramnagar Road	<i>Adina cordifolia</i>	NE	NE	Rubiaceae
566	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Ecbolium viride</i>	NE	NE	Acanthaceae
567	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Buchanania lanzan</i>	NE	NE	Anacardiaceae
568	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Spondias acuminata</i>	NE	NE	Anacardiaceae
569	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Uvaria sp.</i>	NE	NE	Annonaceae
570	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
571	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
572	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Bombax malabaricum</i>	NE	NE	Bombacaceae
573	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Calycopteris floribunda</i>	NE	NE	Combretaceae
574	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Terminalia bellirica</i>	NE	NE	Combretaceae
575	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Terminalia chebula</i>	NE	NE	Combretaceae
576	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
577	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Terminalia tomentosa</i>	NE	NE	Combretaceae
578	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Diospyros sp.</i>	NE	NE	Ebenaceae
579	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Cassia fistula</i>	NE	NE	Fabaceae
580	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
581	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Flacourtia sp.</i>	NE	NE	Flacourtiaceae
582	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Gmelina arborea</i>	NE	NE	Gnetaceae
583	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Gnetum sp.</i>	NE	NE	Gnetaceae

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584	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Sarcostigma kleinii</i>	NE	NE	Icacinaceae
585	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Vitex sp.</i>	NE	NE	Verbenaceae
586	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Alseodaphne semecarpifolia</i>	NE	NE	Lauraceae
587	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Careya arborea</i>	NE	NE	Lecythidaceae
588	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Albizia odoratissima</i>	NE	NE	Leguminosae
589	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Dalbergia latifolia</i>	NE	NE	Leguminosae
590	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Chukrasia tabularis</i>	NE	NE	Meliaceae
591	74.94	14.61	Sugavi	<i>Lagerstroemia lanceolata</i>	NE	NE	Lythraceae
592	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae
593	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Olea dioica</i>	NE	NE	Oleaceae
594	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Calamus rotang</i>	NE	NE	Areaceae
595	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Phyllanthus emblica</i>	NE	NE	Phyllanthaceae
596	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Piper sp.</i>	NE	NE	Piperaceae
597	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Pterissp.</i>	NE	NE	Pteridaceae
598	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Carallia integerrima</i>	NE	NE	Rhizophoraceae
599	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Mitragyna parvifolia</i>	NE	NE	Rubiaceae
600	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Adina cordifolia</i>	NE	NE	Rubiaceae
601	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Randia spinosa</i>	NE	NE	Rubiaceae
602	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Randia uliginosa</i>	NE	NE	Rubiaceae
603	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Sapindus laurifolia</i>	NE	NE	Sapindaceae
604	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Bassia latifolia</i>	NE	NE	Sapotaceae
605	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Smilax zeylanica</i>	NE	NE	Smilacaceae
606	74.57	13.08	Bengle-Sugavi Minor Forest	<i>Pterocarpus marsupium</i>	NE	T	Leguminosae
607	74.58	15.27	Mavinlinge	<i>Centranthera indica</i>	NE	LC	Scrophulariaceae
608	74.58	15.27	Mavinlinge	<i>Justicia simplex</i>	NE	NE	Acanthaceae
609	74.58	15.27	Mavinlinge	<i>Lannea coromandelica</i>	NE	NE	Anacardiaceae
610	74.58	15.27	Mavinlinge	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
611	74.58	15.27	Mavinlinge	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
612	74.58	15.27	Mavinlinge	<i>Holarrhena antidysenterica</i>	NE	NE	Apocynaceae
613	74.58	15.27	Mavinlinge	<i>Ichnocarpus frutescens</i>	NE	NE	Apocynaceae
614	74.58	15.27	Mavinlinge	<i>Theriophonum dalzellii</i>	NE	NE	Araceae
615	74.58	15.27	Mavinlinge	<i>Gymnema sylvestre</i>	NE	NE	Asclepiadaceae
616	74.58	15.27	Mavinlinge	<i>Hemidesmus indicus</i>	NE	NE	Asclepiadaceae
617	74.58	15.27	Mavinlinge	<i>Sphaeranthus indicus</i>	NE	NE	Asteraceae
618	74.58	15.27	Mavinlinge	<i>Tricholepis glaberrima</i>	NE	NE	Asteraceae
619	74.58	15.27	Mavinlinge	<i>Vernonia divergens</i>	NE	NE	Asteraceae
620	74.58	15.27	Mavinlinge	<i>Dolichandrone spathacea</i>	NE	NE	Bignoniaceae
621	74.58	15.27	Mavinlinge	<i>Bombax ceiba</i>	NE	NE	Bombaceae
622	74.58	15.27	Mavinlinge	<i>Cordia myxa</i>	NE	NE	Boraginaceae
623	74.58	15.27	Mavinlinge	<i>Moullava spicata</i>	NE	NE	Caesalpinaceae
624	74.58	15.27	Mavinlinge	<i>Cassia tora</i>	NE	NE	Caesalpiniae
625	74.58	15.27	Mavinlinge	<i>Lobelia alsinoides</i>	NE	NE	Campanulaceae
626	74.58	15.27	Mavinlinge	<i>Calophyllum inophyllum</i>	NE	NE	Clusiaceae
627	74.58	15.27	Mavinlinge	<i>Terminalia alata</i>	NE	NE	Combretaceae
628	74.58	15.27	Mavinlinge	<i>Terminalia bellirica</i>	NE	NE	Combretaceae

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629	74.58	15.27	Mavinlinge	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
630	74.58	15.27	Mavinlinge	<i>Cyperus compressus</i>	NE	NE	Cyperaceae
631	74.58	15.27	Mavinlinge	<i>Cyperus difformis</i>	NE	NE	Cyperaceae
632	74.58	15.27	Mavinlinge	<i>Cyperus halpan</i>	NE	NE	Cyperaceae
633	74.58	15.27	Mavinlinge	<i>Cyperus malaccensis</i>	NE	NE	Cyperaceae
634	74.58	15.27	Mavinlinge	<i>Eleocharis acutangula</i>	NE	NE	Cyperaceae
635	74.58	15.27	Mavinlinge	<i>Fimbristylis bisumbellata</i>	NE	NE	Cyperaceae
636	74.58	15.27	Mavinlinge	<i>Fimbristylis dichotoma</i>	NE	NE	Cyperaceae
637	74.58	15.27	Mavinlinge	<i>Fimbristylis ferruginea</i>	NE	NE	Cyperaceae
638	74.58	15.27	Mavinlinge	<i>Fuirena ciliaris</i>	NE	NE	Cyperaceae
639	74.58	15.27	Mavinlinge	<i>Kyllinga melanosperma</i>	NE	NE	Cyperaceae
640	74.58	15.27	Mavinlinge	<i>Mariscus javanicus</i>	NE	NE	Cyperaceae
641	74.58	15.27	Mavinlinge	<i>Pycrus polystachyos</i>	NE	NE	Cyperaceae
642	74.58	15.27	Mavinlinge	<i>Pycrus pumilus</i>	NE	NE	Cyperaceae
643	74.58	15.27	Mavinlinge	<i>Pycrus sanguinolentus</i>	NE	NE	Cyperaceae
644	74.58	15.27	Mavinlinge	<i>Pycrus stramineus</i>	NE	NE	Cyperaceae
645	74.58	15.27	Mavinlinge	<i>Rhynchospora wightiana</i>	NE	NE	Cyperaceae
646	74.58	15.27	Mavinlinge	<i>Schoenoplectus lateriflorus</i>	NE	NE	Cyperaceae
647	74.58	15.27	Mavinlinge	<i>Dillenia pentagyna</i>	NE	NE	Dilleniaceae
648	74.58	15.27	Mavinlinge	<i>Diospyros montana</i>	NE	NE	Ebenaceae
649	74.58	15.27	Mavinlinge	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
650	74.58	15.27	Mavinlinge	<i>Aporosa lindleyana</i>	NE	NE	Euphorbiaceae
651	74.58	15.27	Mavinlinge	<i>Bridelia crenulata</i>	NE	NE	Euphorbiaceae
652	74.58	15.27	Mavinlinge	<i>Euphorbia notoptera</i>	NE	NE	Euphorbiaceae
653	74.58	15.27	Mavinlinge	<i>Excoecaria agallocha</i>	NE	NE	Euphorbiaceae
654	74.58	15.27	Mavinlinge	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
655	74.58	15.27	Mavinlinge	<i>Mallotus philippensis</i>	NE	NE	Euphorbiaceae
656	74.58	15.27	Mavinlinge	<i>Phyllanthus emblica</i>	NE	NE	Euphorbiaceae
657	74.58	15.27	Mavinlinge	<i>Phyllanthus simplex</i>	NE	NE	Euphorbiaceae
658	74.58	15.27	Mavinlinge	<i>Phyllanthus urinaria</i>	NE	NE	Euphorbiaceae
659	74.58	15.27	Mavinlinge	<i>Sapium insigne</i>	NE	NE	Euphorbiaceae
660	74.58	15.27	Mavinlinge	<i>Trewia nudiflora</i>	NE	NE	Euphorbiaceae
661	74.58	15.27	Mavinlinge	<i>Cassia fistula</i>	NE	NE	Fabaceae
662	74.58	15.27	Mavinlinge	<i>Mimosa pudica</i>	NE	NE	Fabaceae
663	74.58	15.27	Mavinlinge	<i>Desmodium triflorum</i>	NE	NE	Fabaceae
664	74.58	15.27	Mavinlinge	<i>Smithia hirsuta</i>	NE	NE	Fabaceae
665	74.58	15.27	Mavinlinge	<i>Zornia gibbosa</i>	NE	NE	Fabaceae
666	74.58	15.27	Mavinlinge	<i>Pongamia pinnata</i>	NE	NE	Fabaceae
667	74.58	15.27	Mavinlinge	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
668	74.58	15.27	Mavinlinge	<i>Dalbergia horrida</i>	NE	NE	Fabaceae
669	74.58	15.27	Mavinlinge	<i>Derris scandens</i>	NE	NE	Fabaceae
670	74.58	15.27	Mavinlinge	<i>Derris trifoliata</i>	NE	NE	Fabaceae
671	74.58	15.27	Mavinlinge	<i>Casearia rubescens</i>	NE	NE	Flacourtiaceae
672	74.58	15.27	Mavinlinge	<i>Flacourtia montana</i>	NE	NE	Flacourtiaceae
673	74.58	15.27	Mavinlinge	<i>Hoppea dichotoma</i>	NE	NE	Gantianaceae

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674	74.58	15.27	Mavinlinge	<i>Canscora decurrens</i>	NE	NE	Gentianaceae
675	74.58	15.27	Mavinlinge	<i>Blyxa aubertii</i>	NE	NE	Hydrocharitaceae
676	74.58	15.27	Mavinlinge	<i>Nothapodytes</i>	NE	NE	Icacinaceae
677	74.58	15.27	Mavinlinge	<i>Leucas lavandulifolia</i>	NE	NE	Lamiaceae
678	74.58	15.27	Mavinlinge	<i>Ocimum canum</i>	NE	NE	Lamiaceae
679	74.58	15.27	Mavinlinge	<i>Barringtonia acutangula</i>	NE	NE	Lecythidaceae
680	74.58	15.27	Mavinlinge	<i>Careya arborea</i>	NE	NE	Lecythidaceae
681	74.58	15.27	Mavinlinge	<i>Leea indica</i>	NE	NE	Leeaceae
682	74.58	15.27	Mavinlinge	<i>Gloriosa superba</i>	NE	NE	Liliaceae
683	74.58	15.27	Mavinlinge	<i>Strychnos nux-vomica</i>	NE	NE	Loganiaceae
684	74.58	15.27	Mavinlinge	<i>Sida acuta</i>	NE	NE	Malvaceae
685	74.58	15.27	Mavinlinge	<i>Urena lobata</i>	NE	NE	Malvaceae
686	74.58	15.27	Mavinlinge	<i>Ficus arnottiana</i>	NE	NE	Moraceae
687	74.58	15.27	Mavinlinge	<i>Ficus drupacea</i>	NE	NE	Moraceae
688	74.58	15.27	Mavinlinge	<i>Ficus hispida</i>	NE	NE	Moraceae
689	74.58	15.27	Mavinlinge	<i>Streblus asper</i>	NE	NE	Moraceae
690	74.58	15.27	Mavinlinge	<i>Avicennia officinalis</i>	NE	NE	Myrtaceae
691	74.58	15.27	Mavinlinge	<i>Syzygium caryophyllatum</i>	NE	NE	Myrtaceae
692	74.58	15.27	Mavinlinge	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
693	74.58	15.27	Mavinlinge	<i>Olea dioica</i>	NE	NE	Oleaceae
694	74.58	15.27	Mavinlinge	<i>Ludwigia perennis</i>	NE	NE	Onagraceae
695	74.58	15.27	Mavinlinge	<i>Rhynchosstylis retusa</i>	NE	NE	Orchidaceae
696	74.58	15.27	Mavinlinge	<i>Arundinella metzii</i>	NE	NE	Papilionaceae
697	74.58	15.27	Mavinlinge	<i>Geissaspis cristata</i>	NE	NE	Papilionaceae
698	74.58	15.27	Mavinlinge	<i>Piper nigrum</i>	NE	NE	Piperaceae
699	74.58	15.27	Mavinlinge	<i>Dimeria hohenackeri</i>	NE	NE	Poaceae
700	74.58	15.27	Mavinlinge	<i>Dimeria ornithopoda</i>	NE	NE	Poaceae
701	74.58	15.27	Mavinlinge	<i>Eragrostis unioloides</i>	NE	NE	Poaceae
702	74.58	15.27	Mavinlinge	<i>Glyphochloa acuminata var. acuminata</i>	NE	NE	Poaceae
703	74.58	15.27	Mavinlinge	<i>Isachne globosa</i>	NE	NE	Poaceae
704	74.58	15.27	Mavinlinge	<i>Ischaemum indicum</i>	NE	NE	Poaceae
705	74.58	15.27	Mavinlinge	<i>Oplismenus burmannii</i>	NE	NE	Poaceae
706	74.58	15.27	Mavinlinge	<i>Paspalum scrobiculatum</i>	NE	NE	Poaceae
707	74.58	15.27	Mavinlinge	<i>Porteresia coarctata</i>	NE	NE	Poaceae
708	74.58	15.27	Mavinlinge	<i>Pseudanthistiria umbellata</i>	NE	NE	Poaceae
709	74.58	15.27	Mavinlinge	<i>Sporobolus virginicus</i>	NE	NE	Poaceae
710	74.58	15.27	Mavinlinge	<i>Zoysia matrella</i>	NE	NE	Poaceae
711	74.58	15.27	Mavinlinge	<i>Portulaca oleracea</i>	NE	NE	Portulacaceae
712	74.58	15.27	Mavinlinge	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
713	74.58	15.27	Mavinlinge	<i>Kandelia candel</i>	NE	NE	Rhizophoraceae
714	74.58	15.27	Mavinlinge	<i>Rhizophora apiculata</i>	NE	NE	Rhizophoraceae
715	74.58	15.27	Mavinlinge	<i>Rhizophora mucronata</i>	NE	NE	Rhizophoraceae
716	74.58	15.27	Mavinlinge	<i>Hedyotis herbacea</i>	NE	NE	Rubiaceae
717	74.58	15.27	Mavinlinge	<i>Ixora arborea</i>	NE	NE	Rubiaceae
718	74.58	15.27	Mavinlinge	<i>Randia dumetorum</i>	NE	NE	Rubiaceae

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719	74.58	15.27	Mavinlinge	<i>Spermacoce articularis</i>	NE	NE	Rubiaceae
720	74.58	15.27	Mavinlinge	<i>Spermacoce verticillata</i>	NE	NE	Rubiaceae
721	74.58	15.27	Mavinlinge	<i>Sapindus laurifolia</i>	NE	NE	Sapindaceae
722	74.58	15.27	Mavinlinge	<i>Schleichera oleosa</i>	NE	NE	Sapindaceae
723	74.58	15.27	Mavinlinge	<i>Madhuca neriifolia</i>	NE	NE	Sapotaceae
724	74.58	15.27	Mavinlinge	<i>Mimusops elengi</i>	NE	NE	Sapotaceae
725	74.58	15.27	Mavinlinge	<i>Bacopa monnieri</i>	NE	NE	Scrophulariaceae
726	74.58	15.27	Mavinlinge	<i>Lindernia crustacea</i>	NE	NE	Scrophulariaceae
727	74.58	15.27	Mavinlinge	<i>Lindernia tenuifolia</i>	NE	NE	Scrophulariaceae
728	74.58	15.27	Mavinlinge	<i>Striga lutea</i>	NE	NE	Scrophulariaceae
729	74.58	15.27	Mavinlinge	<i>Smilax zeylanica</i>	NE	NE	Smilacaceae
730	74.58	15.27	Mavinlinge	<i>Sonneratia caseolaris</i>	NE	NE	Sonneratiaceae
731	74.58	15.27	Mavinlinge	<i>Sphenoclea zeylanica</i>	NE	NE	Sphenocleaceae
732	74.58	15.27	Mavinlinge	<i>Grewia tiliaefolia</i>	NE	NE	Tiliaceae
733	74.58	15.27	Mavinlinge	<i>Vitex altissima</i>	NE	NE	Verbenaceae
734	74.58	15.27	Mavinlinge	<i>Buchanania lanzan</i>	NE	R	Anacardiaceae
735	74.94	14.61	Sugavi	<i>Chukrasia tabularis</i>	NE	NE	Meliaceae
736	74.66	15.17	Bhagawati-Kulagi Road	<i>Ziziphus mauritiana</i>	NE	NE	Rhamnaceae
737	74.66	15.12	Sykes-Point Ambika Nagar	<i>Dalbergia sissoo</i>	NE	NE	Leguminosae
738	74.68	14.35	Halsolli	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
739	74.68	14.35	Halsolli	<i>Bolbitis appendiculata</i>	NE	LC	Lomariopsidaceae
740	74.68	14.35	Halsolli	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
741	74.68	14.35	Halsolli	<i>Caryota urens</i>	NE	NE	Areaceae
742	74.68	14.35	Halsolli	<i>Lophopetalum wightianum</i>	NE	NE	Celastraceae
743	74.68	14.35	Halsolli	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
744	74.68	14.35	Halsolli	<i>Diospyros malabarica</i>	NE	NE	Ebenaceae
745	74.68	14.35	Halsolli	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
746	74.68	14.35	Halsolli	<i>Elaeocarpus tuberculatus</i>	NE	NE	Elaeocarpaceae
747	74.68	14.35	Halsolli	<i>Cleidion sp.</i>	NE	NE	Euphorbiaceae
748	74.68	14.35	Halsolli	<i>Glochidion sp.</i>	NE	NE	Euphorbiaceae
749	74.68	14.35	Halsolli	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
750	74.68	14.35	Halsolli	<i>Casearia elliptica</i>	NE	NE	Flacourtiaceae
751	74.68	14.35	Halsolli	<i>Agrostistachys longifolia</i>	NE	NE	Gramineae
752	74.68	14.35	Halsolli	<i>Garcinia morella</i>	NE	NE	Clusiaceae
753	74.68	14.35	Halsolli	<i>Aglaia anamallayana</i>	NE	NE	Meliaceae
754	74.68	14.35	Halsolli	<i>Aglaia elaeagnoidea</i>	NE	NE	Meliaceae
755	74.68	14.35	Halsolli	<i>Ficus nervosa</i>	NE	NE	Moraceae
756	74.68	14.35	Halsolli	<i>Myristica dactyloides</i>	NE	NE	Myristicaceae
757	74.68	14.35	Halsolli	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
758	74.68	14.35	Halsolli	<i>Syzygium hemispermicum</i>	NE	NE	Myrtaceae
759	74.68	14.35	Halsolli	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
760	74.68	14.35	Halsolli	<i>Anthocephalus cadamba</i>	NE	NE	Rubiaceae
761	74.68	14.35	Halsolli	<i>Murraya paniculata</i>	NE	NE	Rutaceae
762	74.68	14.35	Halsolli	<i>Paramignya monophylla</i>	NE	NE	Rutaceae
763	74.68	14.35	Halsolli	<i>Callicarpa tomentosa</i>	NE	NE	Verbenaceae

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764	74.68	14.35	Halsolli	<i>Nothapodytes foetida</i>	NE	NE	Anacardiaceae
765	74.68	14.35	Halsolli	<i>Calamus sp.</i>	NE	NE	Arecaceae
766	74.68	14.35	Halsolli	<i>Pandanus sp.</i>	NE	NE	Pandanaceae
767	74.68	14.35	Halsolli	<i>Alpinia malaccensis</i>	NE	NE	Zinziberaceae
768	74.68	14.35	Halsolli	<i>Stenochlaena palustris</i>	NE	NE	Blechnaceae
769	74.68	14.35	Halsolli	<i>Cyathea nilgiriensis</i>	NE	NE	Cyatheaceae
770	74.68	14.35	Halsolli	<i>Tectaria wightii</i>	NE	NE	Dryopteridaceae
771	74.68	14.35	Halsolli	<i>Angiopteris evecta</i>	NE	NE	Marattiaceae
772	74.68	14.35	Halsolli	<i>Osmunda regalis</i>	NE	NE	Osmundaceae
773	74.68	14.35	Halsolli	<i>Pteris sp.</i>	NE	NE	Pteridaceae
774	74.68	14.35	Halsolli	<i>Pronephrium triphyllum</i>	NE	NE	Thelypteridaceae
775	74.68	14.37	Doddamaneghat	<i>Glochidion species</i>	NE	DD	Gnetaceae
776	74.68	14.37	Doddamaneghat	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
777	74.68	14.37	Doddamaneghat	<i>Alstonia scholaris</i>	NE	LRLC	Apocynaceae
778	74.68	14.37	Doddamaneghat	<i>Holigarna arnottiana</i>	NE	NE	Anacardiaceae
779	74.68	14.37	Doddamaneghat	<i>Holigarna grahamii</i>	NE	NE	Anacardiaceae
780	74.68	14.37	Doddamaneghat	<i>Lansium amalayanum</i>	NE	NE	Anacardiaceae
781	74.68	14.37	Doddamaneghat	<i>Spondias acuminata</i>	NE	NE	Anacardiaceae
782	74.68	14.37	Doddamaneghat	<i>Annonaceae sp.</i>	NE	NE	Annonaceae
783	74.68	14.37	Doddamaneghat	<i>Bocage dalzellii</i>	NE	NE	Annonaceae
784	74.68	14.37	Doddamaneghat	<i>Polyalthia fragrans</i>	NE	NE	Annonaceae
785	74.68	14.37	Doddamaneghat	<i>Saccopetalum tomentosum</i>	NE	NE	Annonaceae
786	74.68	14.37	Doddamaneghat	<i>Heterophragma roxburghii</i>	NE	NE	Bignoniaceae
787	74.68	14.37	Doddamaneghat	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
788	74.68	14.37	Doddamaneghat	<i>Lophopetalum wightianum</i>	NE	NE	Celastraceae
789	74.68	14.37	Doddamaneghat	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
790	74.68	14.37	Doddamaneghat	<i>Dillenia pentagyna</i>	NE	NE	Dilleniaceae
791	74.68	14.37	Doddamaneghat	<i>Diospyros ebenum</i>	NE	NE	Ebenaceae
792	74.68	14.37	Doddamaneghat	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
793	74.68	14.37	Doddamaneghat	<i>Diospyros nigrescens</i>	NE	NE	Ebenaceae
794	74.68	14.37	Doddamaneghat	<i>Diospyros sp.</i>	NE	NE	Ebenaceae
795	74.68	14.37	Doddamaneghat	<i>Diospyros sp.</i>	NE	NE	Ebenaceae
796	74.68	14.37	Doddamaneghat	<i>Diospyros sp.</i>	NE	NE	Ebenaceae
797	74.68	14.37	Doddamaneghat	<i>Elaeocarpus glaucum</i>	NE	NE	Elaeocarpaceae
798	74.68	14.37	Doddamaneghat	<i>Cyclostemon confertiflorum</i>	NE	NE	Euphorbiaceae
799	74.68	14.37	Doddamaneghat	<i>Saraca indica</i>	NE	NE	Fabaceae
800	74.68	14.37	Doddamaneghat	<i>Flacourtia montana</i>	NE	NE	Flacourtiaceae
801	74.68	14.37	Doddamaneghat	<i>Hydnocarpus wightiana</i>	NE	NE	Flacourtiaceae
802	74.68	14.37	Doddamaneghat	<i>Calophyllum apetalum</i>	NE	NE	Clusiaceae
803	74.68	14.37	Doddamaneghat	<i>Calophyllum polyanthum</i>	NE	NE	Clusiaceae
804	74.68	14.37	Doddamaneghat	<i>Vitex altissima</i>	NE	NE	Verbenaceae
805	74.68	14.37	Doddamaneghat	<i>Vitex leucoxydon</i>	NE	NE	Verbenaceae
806	74.68	14.37	Doddamaneghat	<i>Cinnamomum sp.</i>	NE	NE	Lauraceae
807	74.68	14.37	Doddamaneghat	<i>Litsea stocksii</i>	NE	NE	Lauraceae
808	74.68	14.37	Doddamaneghat	<i>Persea macrantha</i>	NE	NE	Lauraceae

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809	74.68	14.37	Doddamaneghat	<i>Careya arborea</i>	NE	NE	Lecythidaceae
810	74.68	14.37	Doddamaneghat	<i>Pithecellobium bigemium</i>	NE	NE	Leguminosae
811	74.68	14.37	Doddamaneghat	<i>Pterospermum sp.</i>	NE	NE	Malvaceae
812	74.68	14.37	Doddamaneghat	<i>Pterospermum acerifolium</i>	NE	NE	Malvaceae
813	74.68	14.37	Doddamaneghat	<i>Pterospermum reticulatum</i>	NE	NE	Malvaceae
814	74.68	14.37	Doddamaneghat	<i>Sterculia foetida</i>	NE	NE	Malvaceae
815	74.68	14.37	Doddamaneghat	<i>Memecylon umbellatum</i>	NE	NE	Melastomataceae
816	74.68	14.37	Doddamaneghat	<i>Dysoxylum binectariferum</i>	NE	NE	Meliaceae
817	74.68	14.37	Doddamaneghat	<i>Dysoxylum malabaricum</i>	NE	NE	Meliaceae
818	74.68	14.37	Doddamaneghat	<i>Melia dubia</i>	NE	NE	Meliaceae
819	74.68	14.37	Doddamaneghat	<i>Walsura trifolia</i>	NE	NE	Meliaceae
820	74.68	14.37	Doddamaneghat	<i>Artocarpus gomezianus</i>	NE	NE	Moraceae
821	74.68	14.37	Doddamaneghat	<i>Artocarpus hirsuta</i>	NE	NE	Moraceae
822	74.68	14.37	Doddamaneghat	<i>Ficus nervosa</i>	NE	NE	Moraceae
823	74.68	14.37	Doddamaneghat	<i>Ficus sp.</i>	NE	NE	Moraceae
824	74.68	14.37	Doddamaneghat	<i>Ficus species 1</i>	NE	NE	Moraceae
825	74.68	14.37	Doddamaneghat	<i>Ficus sp.</i>	NE	NE	Moraceae
826	74.68	14.37	Doddamaneghat	<i>Myristica beddomei</i>	NE	NE	Myristicaceae
827	74.68	14.37	Doddamaneghat	<i>Myristica malabarica</i>	NE	NE	Myristicaceae
828	74.68	14.37	Doddamaneghat	<i>Syzygium sp</i>	NE	NE	Myrtaceae
829	74.68	14.37	Doddamaneghat	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
830	74.68	14.37	Doddamaneghat	<i>Syzygium macrocephalum</i>	NE	NE	Myrtaceae
831	74.68	14.37	Doddamaneghat	<i>Syzygium sp.</i>	NE	NE	Myrtaceae
832	74.68	14.37	Doddamaneghat	<i>Strombosia ceylanica</i>	NE	NE	Oleaceae
833	74.68	14.37	Doddamaneghat	<i>Olea dioica</i>	NE	NE	Oleaceae
834	74.68	14.37	Doddamaneghat	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
835	74.68	14.37	Doddamaneghat	<i>Ixora brachiata</i>	NE	NE	Rubiaceae
836	74.68	14.37	Doddamaneghat	<i>Schleichera oleosa</i>	NE	NE	Sapindaceae
837	74.68	14.37	Doddamaneghat	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
838	74.68	14.37	Doddamaneghat	<i>Madhuca nerifolia</i>	NE	NE	Sapotaceae
839	74.68	14.37	Doddamaneghat	<i>Madhuca spp.</i>	NE	NE	Sapotaceae
840	74.68	14.37	Doddamaneghat	<i>Ailanthus malabarica</i>	NE	NE	Simaroubaceae
841	74.68	14.37	Doddamaneghat	<i>Pterygota alata</i>	NE	NE	Sterculiaceae
842	74.68	14.37	Doddamaneghat	<i>Symplocos sp.</i>	NE	NE	Symplocaceae
843	74.68	14.37	Doddamaneghat	<i>Blachia denudata</i>	NE	NE	Euphorbiaceae
844	74.68	14.37	Doddamaneghat	<i>Garcinia talbotii</i>	NE	NE	Clusiaceae
845	74.68	14.37	Doddamaneghat	<i>Garcinia combogea</i>	NE	NE	Clusiaceae
846	74.68	14.37	Doddamaneghat	<i>Garcinia morella</i>	NE	NE	Clusiaceae
847	74.94	14.61	Sugavi	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae
848	74.68	14.37	Doddamaneghat	<i>Arenga wightii</i>	NE	VU	Arecaceae
849	74.72	14.95	Yellapur-Magod Road	<i>Dalbergia latifolia</i>	NE	NE	Fabaceae
850	74.72	14.95	Yellapur-Sirsi Road	<i>Emblica officinalis</i>	NE	NE	Myrsinaceae
851	74.72	14.95	Yellapur-Sirsi Road	<i>Tectona grandis</i>	NE	NE	Verbenaceae
852	74.74	14.27	Malemane	<i>Glochidion species</i>	NE	DD	Phyllanthaceae
853	74.74	14.27	Malemane	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae

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854	74.74	14.27	Malemane	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
855	74.74	14.27	Malemane	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
856	74.74	14.27	Malemane	<i>Bolbitis appendiculata</i>	NE	LC	Lomariopsidaceae
857	74.74	14.27	Malemane	<i>Holigarna arnottiana</i>	NE	NE	Anacardiaceae
858	74.74	14.27	Malemane	<i>Holigarna grahamii</i>	NE	NE	Anacardiaceae
859	74.74	14.27	Malemane	<i>Lansium amalaynum</i>	NE	NE	Anacardiaceae
860	74.74	14.27	Malemane	<i>Nothapodytes foetida</i>	NE	NE	Anacardiaceae
861	74.74	14.27	Malemane	<i>Bocage dalzellii</i>	NE	NE	Annonaceae
862	74.74	14.27	Malemane	<i>Polyalthia fragrans</i>	NE	NE	Annonaceae
863	74.74	14.27	Malemane	<i>Stenochlaena palustris</i>	NE	NE	Blechnaceae
864	74.74	14.27	Malemane	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
865	74.74	14.27	Malemane	<i>Cyathea nilgiriensis</i>	NE	NE	Cyatheaceae
866	74.74	14.27	Malemane	<i>Dillenia pentagyna</i>	NE	NE	Dilleniaceae
867	74.74	14.27	Malemane	<i>Tectaria wightii</i>	NE	NE	Dryopteridaceae
868	74.74	14.27	Malemane	<i>Diospyros ebenum</i>	NE	NE	Ebenaceae
869	74.74	14.27	Malemane	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
870	74.74	14.27	Malemane	<i>Flacourtia montana</i>	NE	NE	Flacourtiaceae
871	74.74	14.27	Malemane	<i>Hydnocarpus wightiana</i>	NE	NE	Flacourtiaceae
872	74.74	14.27	Malemane	<i>Calophyllum apetalum</i>	NE	NE	Clusiaceae
873	74.74	14.27	Malemane	<i>Calophyllum polyanthum</i>	NE	NE	Clusiaceae
874	74.74	14.27	Malemane	<i>Garcinia indica</i>	NE	NE	Clusiaceae
875	74.74	14.27	Malemane	<i>Cinnamomum sp.</i>	NE	NE	Lauraceae
876	74.74	14.27	Malemane	<i>Persea macrantha</i>	NE	NE	Lauraceae
877	74.74	14.27	Malemane	<i>Careya arborea</i>	NE	NE	Lecythidaceae
878	74.74	14.27	Malemane	<i>Pterospermum</i>	NE	NE	Malvaceae
879	74.74	14.27	Malemane	<i>Pterospermum acerifolium</i>	NE	NE	Malvaceae
880	74.74	14.27	Malemane	<i>Angiopteris evecta</i>	NE	NE	Marattiaceae
881	74.74	14.27	Malemane	<i>Dysoxylum binectariferum</i>	NE	NE	Meliaceae
882	74.74	14.27	Malemane	<i>Dysoxylum malabaricum</i>	NE	NE	Meliaceae
883	74.74	14.27	Malemane	<i>Melia dubia</i>	NE	NE	Meliaceae
884	74.74	14.27	Malemane	<i>Meliaceae XY</i>	NE	NE	Meliaceae
885	74.74	14.27	Malemane	<i>Walsura trifolia</i>	NE	NE	Meliaceae
886	74.74	14.27	Malemane	<i>Artocarpus hirsuta</i>	NE	NE	Moraceae
887	74.74	14.27	Malemane	<i>Ficus nervosa</i>	NE	NE	Moraceae
888	74.74	14.27	Malemane	<i>Syzygium sp</i>	NE	NE	Myrtaceae
889	74.74	14.27	Malemane	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
890	74.74	14.27	Malemane	<i>Syzygium macrocephalum</i>	NE	NE	Myrtaceae
891	74.74	14.27	Malemane	<i>Syzygium sp.</i>	NE	NE	Myrtaceae
892	74.74	14.27	Malemane	<i>Strombosia ceylanica</i>	NE	NE	Oleaceae
893	74.74	14.27	Malemane	<i>Olea dioica</i>	NE	NE	Oleaceae
894	74.74	14.27	Malemane	<i>Osmunda regalis</i>	NE	NE	Osmundaceae
895	74.74	14.27	Malemane	<i>Calamus sp.</i>	NE	NE	Arecaceae
896	74.74	14.27	Malemane	<i>Pandanus sp.</i>	NE	NE	Pandanaceae
897	74.74	14.27	Malemane	<i>Pteris sp.</i>	NE	NE	Pteridaceae
898	74.74	14.27	Malemane	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae

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899	74.74	14.27	Malemane	<i>Ixora brachiata</i>	NE	NE	Rubiaceae
900	74.74	14.27	Malemane	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
901	74.74	14.27	Malemane	<i>Pronephrium triphyllum</i>	NE	NE	Thelypteridaceae
902	74.74	14.27	Malemane	<i>Alpinia malaccensis</i>	NE	NE	Ziniberaceae
903	74.74	14.27	Malemane	<i>Bachia denudata</i>	NE	NE	
904	74.74	14.27	Malemane	<i>Garcinia talbotii</i>	NE	NE	Clusiaceae
905	74.74	14.27	Malemane	<i>Garcinia morella</i>	NE	NE	Clusiaceae
906	75.90	14.29	Siddapur-Sorab Road	<i>Terminalia bellirica</i>	NE	NE	Combretaceae
907	75.90	14.29	Siddapur-Sorab Road	<i>Casuarina equisetifolia</i>	NE	NE	Casuarinaceae
908	74.74	14.27	Malemane	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
909	74.74	14.27	Malemane	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
910	74.74	14.27	Malemane	<i>Caryota urens</i>	NE	NE	Arecaceae
911	74.74	14.27	Malemane	<i>Caryota urens</i>	NE	NE	Arecaceae
912	74.74	14.27	Malemane	<i>Lophopetalum wightianum</i>	NE	NE	Celastraceae
913	74.74	14.27	Malemane	<i>Lophopetalum wightianum</i>	NE	NE	Celastraceae
914	74.74	14.27	Malemane	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
915	74.74	14.27	Malemane	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
916	74.74	14.27	Malemane	<i>Diospyros malabarica</i>	NE	NE	Ebenaceae
917	74.74	14.27	Malemane	<i>Diospyros malabarica</i>	NE	NE	Ebenaceae
918	74.74	14.27	Malemane	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
919	74.74	14.27	Malemane	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
920	74.74	14.27	Malemane	<i>Elaeocarpus tuberculatus</i>	NE	NE	Elaeocarpaceae
921	74.74	14.27	Malemane	<i>Elaeocarpus tuberculatus</i>	NE	NE	Elaeocarpaceae
922	74.74	14.27	Malemane	<i>Cleidion sp.</i>	NE	NE	Euphorbiaceae
923	74.74	14.27	Malemane	<i>Cleidion sp.</i>	NE	NE	Euphorbiaceae
924	74.74	14.27	Malemane	<i>Glochidion sp.</i>	NE	NE	Euphorbiaceae
925	74.74	14.27	Malemane	<i>Glochidion sp.</i>	NE	NE	Euphorbiaceae
926	74.74	14.27	Malemane	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
927	74.74	14.27	Malemane	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
928	74.74	14.27	Malemane	<i>Casearia elliptica</i>	NE	NE	Flacourtiaceae
929	74.74	14.27	Malemane	<i>Casearia elliptica</i>	NE	NE	Flacourtiaceae
930	74.74	14.27	Malemane	<i>Agrostistachys longifolia</i>	NE	NE	Gramineae
931	74.74	14.27	Malemane	<i>Agrostistachys longifolia</i>	NE	NE	Gramineae
932	74.74	14.27	Malemane	<i>Garcinia morella</i>	NE	NE	Clusiaceae
933	74.74	14.27	Malemane	<i>Garcinia morella</i>	NE	NE	Clusiaceae
934	74.74	14.27	Malemane	<i>Aglaia anamallayana</i>	NE	NE	Meliaceae
935	74.74	14.27	Malemane	<i>Aglaia anamallayana</i>	NE	NE	Meliaceae
936	74.74	14.27	Malemane	<i>Aglaia elaeagnoidea</i>	NE	NE	Meliaceae
937	74.74	14.27	Malemane	<i>Aglaia elaeagnoidea</i>	NE	NE	Meliaceae
938	74.74	14.27	Malemane	<i>Ficus nervosa</i>	NE	NE	Moraceae
939	74.74	14.27	Malemane	<i>Ficus nervosa</i>	NE	NE	Moraceae
940	74.74	14.27	Malemane	<i>Myristica dactyloides</i>	NE	NE	Myristicaceae
941	74.74	14.27	Malemane	<i>Myristica dactyloides</i>	NE	NE	Myristicaceae
942	74.74	14.27	Malemane	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
943	74.74	14.27	Malemane	<i>Syzygium cumini</i>	NE	NE	Myrtaceae

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944	74.74	14.27	Malemane	<i>Syzygium hemispermicum</i>	NE	NE	Myrtaceae
945	74.74	14.27	Malemane	<i>Syzygium hemispermicum</i>	NE	NE	Myrtaceae
946	74.74	14.27	Malemane	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
947	74.74	14.27	Malemane	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
948	74.74	14.27	Malemane	<i>Anthocephalus cadamba</i>	NE	NE	Rubiaceae
949	74.74	14.27	Malemane	<i>Anthocephalus cadamba</i>	NE	NE	Rubiaceae
950	74.74	14.27	Malemane	<i>Murraya paniculata</i>	NE	NE	Rutaceae
951	74.74	14.27	Malemane	<i>Murraya paniculata</i>	NE	NE	Rutaceae
952	74.74	14.27	Malemane	<i>Paramignya monophylla</i>	NE	NE	Rutaceae
953	74.74	14.27	Malemane	<i>Paramignya monophylla</i>	NE	NE	Rutaceae
954	74.74	14.27	Malemane	<i>Callicarpa tomentosa</i>	NE	NE	Verbenaceae
955	74.74	14.27	Malemane	<i>Callicarpa tomentosa</i>	NE	NE	Verbenaceae
956	74.74	14.27	Malemane	<i>Arenga wightii</i>	NE	VU	Arecaceae
957	74.75	14.28	Kathalekan	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
958	74.75	14.28	Kathalekan	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
959	74.75	14.28	Kathalekan	<i>Bolbitis appendiculata</i>	NE	LC	Lomariopsidaceae
960	74.75	14.28	Kathalekan	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
961	74.75	14.28	Kathalekan	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
962	74.75	14.28	Kathalekan	<i>Caryota urens</i>	NE	NE	Arecaceae
963	74.75	14.28	Kathalekan	<i>Caryota urens</i>	NE	NE	Arecaceae
964	74.75	14.28	Kathalekan	<i>Stenochlaena palustris</i>	NE	NE	Blechnaceae
965	74.75	14.28	Kathalekan	<i>Lophotalum wightianum</i>	NE	NE	Celastraceae
966	74.75	14.28	Kathalekan	<i>Lophotalum wightianum</i>	NE	NE	Celastraceae
967	74.75	14.28	Kathalekan	<i>Cyathea nilgiriensis</i>	NE	NE	Cyatheaceae
968	74.75	14.28	Kathalekan	<i>Tectaria wightii</i>	NE	NE	Dryopteridaceae
969	74.75	14.28	Kathalekan	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
970	74.75	14.28	Kathalekan	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
971	74.75	14.28	Kathalekan	<i>Diospyros malabarica</i>	NE	NE	Ebenaceae
972	74.75	14.28	Kathalekan	<i>Diospyros malabarica</i>	NE	NE	Ebenaceae
973	74.75	14.28	Kathalekan	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
974	74.75	14.28	Kathalekan	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
975	74.75	14.28	Kathalekan	<i>Elaeocarpus tuberculatus</i>	NE	NE	Elaeocarpaceae
976	74.75	14.28	Kathalekan	<i>Elaeocarpus tuberculatus</i>	NE	NE	Elaeocarpaceae
977	74.75	14.28	Kathalekan	<i>Cleidion sp.</i>	NE	NE	Euphorbiaceae
978	74.75	14.28	Kathalekan	<i>Cleidion sp.</i>	NE	NE	Euphorbiaceae
979	74.75	14.28	Kathalekan	<i>Glochidion sp.</i>	NE	NE	Euphorbiaceae
980	74.75	14.28	Kathalekan	<i>Glochidion sp.</i>	NE	NE	Euphorbiaceae
981	74.75	14.28	Kathalekan	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
982	74.75	14.28	Kathalekan	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
983	74.75	14.28	Kathalekan	<i>Casearia elliptica</i>	NE	NE	Flacourtiaceae
984	74.75	14.28	Kathalekan	<i>Casearia elliptica</i>	NE	NE	Flacourtiaceae
985	74.75	14.28	Kathalekan	<i>Agrostistachys longifolia</i>	NE	NE	Gramineae
986	74.75	14.28	Kathalekan	<i>Agrostistachys longifolia</i>	NE	NE	Gramineae
987	74.75	14.28	Kathalekan	<i>Garcinia morella</i>	NE	NE	Clusiaceae
988	74.75	14.28	Kathalekan	<i>Garcinia morella</i>	NE	NE	Clusiaceae

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989	74.75	14.28	Kathalekan	<i>Angiopteris evecta</i>	NE	NE	Marattiaceae
990	74.75	14.28	Kathalekan	<i>Aglaia anamallayana</i>	NE	NE	Meliaceae
991	74.75	14.28	Kathalekan	<i>Aglaia anamallayana</i>	NE	NE	Meliaceae
992	74.75	14.28	Kathalekan	<i>Aglaia elaeagnoidea</i>	NE	NE	Meliaceae
993	74.75	14.28	Kathalekan	<i>Aglaia elaeagnoidea</i>	NE	NE	Meliaceae
994	74.75	14.28	Kathalekan	<i>Ficus nervosa</i>	NE	NE	Moraceae
995	74.75	14.28	Kathalekan	<i>Ficus nervosa</i>	NE	NE	Moraceae
996	74.75	14.28	Kathalekan	<i>Myristica dactyloides</i>	NE	NE	Myristicaceae
997	74.75	14.28	Kathalekan	<i>Myristica dactyloides</i>	NE	NE	Myristicaceae
998	74.75	14.28	Kathalekan	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
999	74.75	14.28	Kathalekan	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
1000	74.75	14.28	Kathalekan	<i>Syzygium hemispermicum</i>	NE	NE	Myrtaceae
1001	74.75	14.28	Kathalekan	<i>Syzygium hemispermicum</i>	NE	NE	Myrtaceae
1002	74.75	14.28	Kathalekan	<i>Osmunda regalis</i>	NE	NE	Osmundaceae
1003	74.75	14.28	Kathalekan	<i>Pteris sp.</i>	NE	NE	Pteridaceae
1004	74.75	14.28	Kathalekan	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
1005	74.75	14.28	Kathalekan	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
1006	74.75	14.28	Kathalekan	<i>Anthocephalus cadamba</i>	NE	NE	Rubiaceae
1007	74.75	14.28	Kathalekan	<i>Anthocephalus cadamba</i>	NE	NE	Rubiaceae
1008	74.75	14.28	Kathalekan	<i>Murraya paniculata</i>	NE	NE	Rutaceae
1009	74.75	14.28	Kathalekan	<i>Murraya paniculata</i>	NE	NE	Rutaceae
1010	74.75	14.28	Kathalekan	<i>Paramignya monophylla</i>	NE	NE	Rutaceae
1011	74.75	14.28	Kathalekan	<i>Paramignya monophylla</i>	NE	NE	Rutaceae
1012	74.75	14.28	Kathalekan	<i>Proneprium triphyllum</i>	NE	NE	Thelypteridaceae
1013	74.75	14.28	Kathalekan	<i>Callicarpa tomentosa</i>	NE	NE	Verbenaceae
1014	74.75	14.28	Kathalekan	<i>Callicarpa tomentosa</i>	NE	NE	Verbenaceae
1015	74.75	14.28	Kathalekan	<i>Nothapodytes foetida</i>	NE	NE	Anacardiaceae
1016	74.75	14.28	Kathalekan	<i>Calamus sp.</i>	NE	NE	Arecaceae
1017	74.75	14.28	Kathalekan	<i>Pandanus sp.</i>	NE	NE	Pandanaceae
1018	74.75	14.28	Kathalekan	<i>Alpinia malaccensis</i>	NE	NE	Zingiberaceae
1019	74.76	15.30	Haliyal-Ganeshgudi Road	<i>Dalbergia sissoo</i>	NE	NE	Fabaceae
1020	74.77	14.42	Dandeli	<i>Centranthera indica</i>	NE	LC	Scrophulariaceae
1021	74.77	14.42	Dandeli	<i>Justicia simplex</i>	NE	NE	Acanthaceae
1022	74.77	14.42	Dandeli	<i>Lannea coromandelica</i>	NE	NE	Anacardiaceae
1023	74.77	14.42	Dandeli	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
1024	74.77	14.42	Dandeli	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
1025	74.77	14.42	Dandeli	<i>Holarrhena antidysenterica</i>	NE	NE	Apocynaceae
1026	74.77	14.42	Dandeli	<i>Ichnocarpus frutescens</i>	NE	NE	Apocynaceae
1027	74.77	14.42	Dandeli	<i>Theriophonum dalzellii</i>	NE	NE	Araceae
1028	74.77	14.42	Dandeli	<i>Gymnema sylvestre</i>	NE	NE	Asclepiadaceae
1029	74.77	14.42	Dandeli	<i>Hemidesmus indicus</i>	NE	NE	Asclepiadaceae
1030	74.77	14.42	Dandeli	<i>Sphaeranthus indicus</i>	NE	NE	Asteraceae
1031	74.77	14.42	Dandeli	<i>Tricholepis glaberrima</i>	NE	NE	Asteraceae
1032	74.77	14.42	Dandeli	<i>Vernonia divergens</i>	NE	NE	Asteraceae
1033	74.77	14.42	Dandeli	<i>Dolichandrone spathacea</i>	NE	NE	Bignoniaceae

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1034	74.77	14.42	Dandeli	<i>Bombax ceiba</i>	NE	NE	Bombaceae
1035	74.77	14.42	Dandeli	<i>Cordia myxa</i>	NE	NE	Boraginaceae
1036	74.77	14.42	Dandeli	<i>Moullava spicata</i>	NE	NE	Caesalpinaceae
1037	74.77	14.42	Dandeli	<i>Cassia tora</i>	NE	NE	Caesalpinaceae
1038	74.77	14.42	Dandeli	<i>Lobelia alsinoides</i>	NE	NE	Campanulaceae
1039	74.77	14.42	Dandeli	<i>Calophyllum inophyllum</i>	NE	NE	Clusiaceae
1040	74.77	14.42	Dandeli	<i>Terminalia alata</i>	NE	NE	Combretaceae
1041	74.77	14.42	Dandeli	<i>Terminalia bellirica</i>	NE	NE	Combretaceae
1042	74.77	14.42	Dandeli	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
1043	74.77	14.42	Dandeli	<i>Cyperus compressus</i>	NE	NE	Cyperaceae
1044	74.77	14.42	Dandeli	<i>Cyperus difformis</i>	NE	NE	Cyperaceae
1045	74.77	14.42	Dandeli	<i>Cyperus halpan</i>	NE	NE	Cyperaceae
1046	74.77	14.42	Dandeli	<i>Cyperus malaccensis</i>	NE	NE	Cyperaceae
1047	74.77	14.42	Dandeli	<i>Eleocharis acutangula</i>	NE	NE	Cyperaceae
1048	74.77	14.42	Dandeli	<i>Fimbristylis bisumbellata</i>	NE	NE	Cyperaceae
1049	74.77	14.42	Dandeli	<i>Fimbristylis dichotoma</i>	NE	NE	Cyperaceae
1050	74.77	14.42	Dandeli	<i>Fimbristylis ferruginea</i>	NE	NE	Cyperaceae
1051	74.77	14.42	Dandeli	<i>Fuirena ciliaris</i>	NE	NE	Cyperaceae
1052	74.77	14.42	Dandeli	<i>Kyllinga melanosperma</i>	NE	NE	Cyperaceae
1053	74.77	14.42	Dandeli	<i>Mariscus javanicus</i>	NE	NE	Cyperaceae
1054	74.77	14.42	Dandeli	<i>Pycnus polystachyos</i>	NE	NE	Cyperaceae
1055	74.77	14.42	Dandeli	<i>Pycnus pumilus</i>	NE	NE	Cyperaceae
1056	74.77	14.42	Dandeli	<i>Pycnus sanguinolentus</i>	NE	NE	Cyperaceae
1057	74.77	14.42	Dandeli	<i>Pycnus stramineus</i>	NE	NE	Cyperaceae
1058	74.77	14.42	Dandeli	<i>Rhynchospora wightiana</i>	NE	NE	Cyperaceae
1059	74.77	14.42	Dandeli	<i>Schoenoplectus lateriflorus</i>	NE	NE	Cyperaceae
1060	74.77	14.42	Dandeli	<i>Dillenia pentagyna</i>	NE	NE	Dilleniaceae
1061	74.77	14.42	Dandeli	<i>Diospyros montana</i>	NE	NE	Ebenaceae
1062	74.77	14.42	Dandeli	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
1063	74.77	14.42	Dandeli	<i>Aporosa lindleyana</i>	NE	NE	Euphorbiaceae
1064	74.77	14.42	Dandeli	<i>Bridelia crenulata</i>	NE	NE	Euphorbiaceae
1065	74.77	14.42	Dandeli	<i>Euphorbia notoptera</i>	NE	NE	Euphorbiaceae
1066	74.77	14.42	Dandeli	<i>Excoecaria agallocha</i>	NE	NE	Euphorbiaceae
1067	74.77	14.42	Dandeli	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
1068	74.77	14.42	Dandeli	<i>Mallotus philippensis</i>	NE	NE	Euphorbiaceae
1069	74.77	14.42	Dandeli	<i>Phyllanthus emblica</i>	NE	NE	Euphorbiaceae
1070	74.77	14.42	Dandeli	<i>Phyllanthus simplex</i>	NE	NE	Euphorbiaceae
1071	74.77	14.42	Dandeli	<i>Phyllanthus urinaria</i>	NE	NE	Euphorbiaceae
1072	74.77	14.42	Dandeli	<i>Sapium insigne</i>	NE	NE	Euphorbiaceae
1073	74.77	14.42	Dandeli	<i>Trewia nudiflora</i>	NE	NE	Euphorbiaceae
1074	74.77	14.42	Dandeli	<i>Cassia fistula</i>	NE	NE	Fabaceae
1075	74.77	14.42	Dandeli	<i>Mimosa pudica</i>	NE	NE	Fabaceae
1076	74.77	14.42	Dandeli	<i>Desmodium triflorum</i>	NE	NE	Fabaceae
1077	74.77	14.42	Dandeli	<i>Smithia hirsuta</i>	NE	NE	Fabaceae
1078	74.77	14.42	Dandeli	<i>Zornia gibbosa</i>	NE	NE	Fabaceae

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1079	74.77	14.42	Dandeli	<i>Pongamia pinnata</i>	NE	NE	Fabaceae
1080	74.77	14.42	Dandeli	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
1081	74.77	14.42	Dandeli	<i>Dalbergia horrida</i>	NE	NE	Fabaceae
1082	74.77	14.42	Dandeli	<i>Derris scandens</i>	NE	NE	Fabaceae
1083	74.77	14.42	Dandeli	<i>Derris trifoliata</i>	NE	NE	Fabaceae
1084	74.77	14.42	Dandeli	<i>Casearia rubescens</i>	NE	NE	Flacourtiaceae
1085	74.77	14.42	Dandeli	<i>Flacourtia montana</i>	NE	NE	Flacourtiaceae
1086	74.77	14.42	Dandeli	<i>Hoppea dichotoma</i>	NE	NE	Gantianaceae
1087	74.77	14.42	Dandeli	<i>Canscora decurrens</i>	NE	NE	Gentianaceae
1088	74.77	14.42	Dandeli	<i>Blyxa aubertii</i>	NE	NE	Hydrocharitaceae
1089	74.77	14.42	Dandeli	<i>Nothapodytes</i>	NE	NE	Icacinaceae
1090	74.77	14.42	Dandeli	<i>Leucas lavandulifolia</i>	NE	NE	Lamiaceae
1091	74.77	14.42	Dandeli	<i>Ocimum canum</i>	NE	NE	Lamiaceae
1092	74.77	14.42	Dandeli	<i>Barringtonia acutangula</i>	NE	NE	Lecythidaceae
1093	74.77	14.42	Dandeli	<i>Careya arborea</i>	NE	NE	Lecythidaceae
1094	74.77	14.42	Dandeli	<i>Leea indica</i>	NE	NE	Leeaceae
1095	74.77	14.42	Dandeli	<i>Gloriosa superba</i>	NE	NE	Liliaceae
1096	74.77	14.42	Dandeli	<i>Strychnos nux-vomica</i>	NE	NE	Loganiaceae
1097	74.77	14.42	Dandeli	<i>Sida acuta</i>	NE	NE	Malvaceae
1098	74.77	14.42	Dandeli	<i>Urena lobata</i>	NE	NE	Malvaceae
1099	74.77	14.42	Dandeli	<i>Ficus arnottiana</i>	NE	NE	Moraceae
1100	74.77	14.42	Dandeli	<i>Ficus drupacea</i>	NE	NE	Moraceae
1101	74.77	14.42	Dandeli	<i>Ficus hispida</i>	NE	NE	Moraceae
1102	74.77	14.42	Dandeli	<i>Streblus asper</i>	NE	NE	Moraceae
1103	74.77	14.42	Dandeli	<i>Avicennia officinalis</i>	NE	NE	Myrtaceae
1104	74.77	14.42	Dandeli	<i>Syzygium caryophyllatum</i>	NE	NE	Myrtaceae
1105	74.77	14.42	Dandeli	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
1106	74.77	14.42	Dandeli	<i>Olea dioica</i>	NE	NE	Oleaceae
1107	74.77	14.42	Dandeli	<i>Ludwigia perennis</i>	NE	NE	Onagraceae
1108	74.77	14.42	Dandeli	<i>Rhynchosyilis retusa</i>	NE	NE	Orchidaceae
1109	74.77	14.42	Dandeli	<i>Arundinella metzii</i>	NE	NE	Papilionaceae
1110	74.77	14.42	Dandeli	<i>Geissaspis cristata</i>	NE	NE	Papilionaceae
1111	74.77	14.42	Dandeli	<i>Piper nigrum</i>	NE	NE	Piperaceae
1112	74.77	14.42	Dandeli	<i>Dimeria hohenackeri</i>	NE	NE	Poaceae
1113	74.77	14.42	Dandeli	<i>Dimeria ornithopoda</i>	NE	NE	Poaceae
1114	74.77	14.42	Dandeli	<i>Eragrostis unioloides</i>	NE	NE	Poaceae
1115	74.77	14.42	Dandeli	<i>Glyphochloa acuminata var. acuminata</i>	NE	NE	Poaceae
1116	74.77	14.42	Dandeli	<i>Isachne globosa</i>	NE	NE	Poaceae
1117	74.77	14.42	Dandeli	<i>Ischaemum indicum</i>	NE	NE	Poaceae
1118	74.77	14.42	Dandeli	<i>Oplismenus burmannii</i>	NE	NE	Poaceae
1119	74.77	14.42	Dandeli	<i>Paspalum scrobiculatum</i>	NE	NE	Poaceae
1120	74.77	14.42	Dandeli	<i>Porteresia coarctata</i>	NE	NE	Poaceae
1121	74.77	14.42	Dandeli	<i>Pseudanthistiria umbellata</i>	NE	NE	Poaceae
1122	74.77	14.42	Dandeli	<i>Sporobolus virginicus</i>	NE	NE	Poaceae
1123	74.77	14.42	Dandeli	<i>Zoysia matrella</i>	NE	NE	Poaceae

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1124	74.77	14.42	Dandeli	<i>Portulaca oleracea</i>	NE	NE	Portulacaceae
1125	74.77	14.42	Dandeli	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
1126	74.77	14.42	Dandeli	<i>Kandelia candel</i>	NE	NE	Rhizophoraceae
1127	74.77	14.42	Dandeli	<i>Rhizophora apiculata</i>	NE	NE	Rhizophoraceae
1128	74.77	14.42	Dandeli	<i>Rhizophora mucronata</i>	NE	NE	Rhizophoraceae
1129	74.77	14.42	Dandeli	<i>Hedyotis herbacea</i>	NE	NE	Rubiaceae
1130	74.77	14.42	Dandeli	<i>Ixora arborea</i>	NE	NE	Rubiaceae
1131	74.77	14.42	Dandeli	<i>Randia dumetorum</i>	NE	NE	Rubiaceae
1132	74.77	14.42	Dandeli	<i>Spermacoce articularis</i>	NE	NE	Rubiaceae
1133	74.77	14.42	Dandeli	<i>Spermacoce verticillata</i>	NE	NE	Rubiaceae
1134	74.77	14.42	Dandeli	<i>Sapindus laurifolia</i>	NE	NE	Sapindaceae
1135	74.77	14.42	Dandeli	<i>Schleichera oleosa</i>	NE	NE	Sapindaceae
1136	74.77	14.42	Dandeli	<i>Madhuca neriifolia</i>	NE	NE	Sapotaceae
1137	74.77	14.42	Dandeli	<i>Mimusops elengi</i>	NE	NE	Sapotaceae
1138	74.77	14.42	Dandeli	<i>Bacopa monnieri</i>	NE	NE	Scrophulariaceae
1139	74.77	14.42	Dandeli	<i>Lindernia crustacea</i>	NE	NE	Scrophulariaceae
1140	74.77	14.42	Dandeli	<i>Lindernia tenuifolia</i>	NE	NE	Scrophulariaceae
1141	74.77	14.42	Dandeli	<i>Striga lutea</i>	NE	NE	Scrophulariaceae
1142	74.77	14.42	Dandeli	<i>Smilax zeylanica</i>	NE	NE	Smilacaceae
1143	74.77	14.42	Dandeli	<i>Sonneratia caseolaris</i>	NE	NE	Sonneratiaceae
1144	74.77	14.42	Dandeli	<i>Sphenoclea zeylanica</i>	NE	NE	Sphenocleaceae
1145	74.77	14.42	Dandeli	<i>Grewia tiliaefolia</i>	NE	NE	Tiliaceae
1146	74.77	14.42	Dandeli	<i>Vitex altissima</i>	NE	NE	Verbenaceae
1147	74.77	14.42	Dandeli	<i>Buchanania lanzan</i>	NE	R	Anacardiaceae
1148	74.78	14.72	Sonda	<i>Gnetum species</i>	NE	DD	Gnetaceae
1149	74.78	14.72	Sonda	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
1150	74.78	14.72	Sonda	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
1151	74.78	14.72	Sonda	<i>Acacia torta</i>	NE	LC	Leguminosae
1152	74.78	14.72	Sonda	<i>Alstonia scholaris</i>	NE	LRLC	Apocynaceae
1153	74.78	14.72	Sonda	<i>Alstonia scholaris</i>	NE	LRLC	Apocynaceae
1154	74.94	14.61	Sugavi	<i>Phyllanthus emblica</i>	NE	NE	Phyllanthaceae
1155	74.78	14.72	Sonda	<i>Buchanania lanzan</i>	NE	NE	Anacardiaceae
1156	74.78	14.72	Sonda	<i>Holigarna arnotiana</i>	NE	NE	Anacardiaceae
1157	74.78	14.72	Sonda	<i>Spondias acuminata</i>	NE	NE	Anacardiaceae
1158	74.78	14.72	Sonda	<i>Carissa carandas</i>	NE	NE	Apocynaceae
1159	74.78	14.72	Sonda	<i>Carissa carandas</i>	NE	NE	Apocynaceae
1160	74.78	14.72	Sonda	<i>Compositae sp.</i>	NE	NE	Asteraceae
1161	74.78	14.72	Sonda	<i>Eupatorium odoratum</i>	NE	NE	Asteraceae
1162	74.78	14.72	Sonda	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
1163	74.78	14.72	Sonda	<i>Ehretia species</i>	NE	NE	Boraginaceae
1164	74.78	14.72	Sonda	<i>F.hispidia</i>	NE	NE	Celastraceae
1165	74.78	14.72	Sonda	<i>Calycopteris floribunda</i>	NE	NE	Combretaceae
1166	74.78	14.72	Sonda	<i>Calycopteris foribunda(Lianas)</i>	NE	NE	Combretaceae
1167	74.78	14.72	Sonda	<i>Terminalia bellerica</i>	NE	NE	Combretaceae
1168	74.78	14.72	Sonda	<i>Terminalia paniculata</i>	NE	NE	Combretaceae

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1169	74.78	14.72	Sonda	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
1170	74.78	14.72	Sonda	<i>Terminalia tomentosa</i>	NE	NE	Combretaceae
1171	74.78	14.72	Sonda	<i>Cyperaceae sp.</i>	NE	NE	Cyperaceae
1172	74.78	14.72	Sonda	<i>Dillenia pentagyna</i>	NE	NE	Dilleniaceae
1173	74.78	14.72	Sonda	<i>Diospyros mantana</i>	NE	NE	Ebenaceae
1174	74.78	14.72	Sonda	<i>Diospyros montana</i>	NE	NE	Ebenaceae
1175	74.78	14.72	Sonda	<i>Bridelia species</i>	NE	NE	Euphorbiaceae
1176	74.78	14.72	Sonda	<i>Glochidion spp.</i>	NE	NE	Euphorbiaceae
1177	74.78	14.72	Sonda	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
1178	74.78	14.72	Sonda	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
1179	74.78	14.72	Sonda	<i>Mallotus sp.</i>	NE	NE	Euphorbiaceae
1180	74.78	14.72	Sonda	<i>Bauhinia sp.</i>	NE	NE	Fabaceae
1181	74.78	14.72	Sonda	<i>Cassia fistula</i>	NE	NE	Fabaceae
1182	74.78	14.72	Sonda	<i>Mimosa pudica</i>	NE	NE	Fabaceae
1183	74.78	14.72	Sonda	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
1184	74.78	14.72	Sonda	<i>Flacourtia montana</i>	NE	NE	Flacourtiaceae
1185	74.78	14.72	Sonda	<i>Gramineae sp.</i>	NE	NE	Gramineae
1186	74.78	14.72	Sonda	<i>Garcinia indica</i>	NE	NE	Clusiaceae
1187	74.78	14.72	Sonda	<i>Vitex altissima</i>	NE	NE	Verbenaceae
1188	74.78	14.72	Sonda	<i>Alseodaphne semecarpifolia</i>	NE	NE	Lauraceae
1189	74.78	14.72	Sonda	<i>Cinnamomum zeylanicum</i>	NE	NE	Lauraceae
1190	74.78	14.72	Sonda	<i>Careya arborea</i>	NE	NE	Lecythidaceae
1191	74.78	14.72	Sonda	<i>Indigofera</i>	NE	NE	Leguminosae
1192	74.94	14.61	Sugavi	<i>Ziziphus rugosa</i>	NE	NE	Rhamnaceae
1193	74.78	14.72	Sonda	<i>Sterculia gutata</i>	NE	NE	Malvaceae
1194	74.78	14.72	Sonda	<i>Sterculia sp.</i>	NE	NE	Malvaceae
1195	74.78	14.72	Sonda	<i>Ficus exasperata</i>	NE	NE	Moraceae
1196	74.78	14.72	Sonda	<i>Embelia sp.</i>	NE	NE	Myrsinaceae
1197	74.78	14.72	Sonda	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae
1198	74.78	14.72	Sonda	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae
1199	74.78	14.72	Sonda	<i>Olea dioica</i>	NE	NE	Oleaceae
1200	74.78	14.72	Sonda	<i>Nervilia sp.</i>	NE	NE	Orchidaceae
1201	74.78	14.72	Sonda	<i>Bliscofia javanica</i>	NE	NE	Phyllanthaceae
1202	74.78	14.72	Sonda	<i>Phyllanthus embica</i>	NE	NE	Phyllanthaceae
1203	74.78	14.72	Sonda	<i>Ziziphus rugosa</i>	NE	NE	Rhamnaceae
1204	74.78	14.72	Sonda	<i>Carallia integerima</i>	NE	NE	Rhizophoraceae
1205	74.78	14.72	Sonda	<i>Mitragyna parvifolia</i>	NE	NE	Rubiaceae
1206	74.78	14.72	Sonda	<i>Adina cordifolia</i>	NE	NE	Rubiaceae
1207	74.78	14.72	Sonda	<i>Psychotria dalzelli</i>	NE	NE	Rubiaceae
1208	74.78	14.72	Sonda	<i>Randia spinosa</i>	NE	NE	Rubiaceae
1209	74.78	14.72	Sonda	<i>Randia spinosa</i>	NE	NE	Rubiaceae
1210	74.78	14.72	Sonda	<i>Randia uliginosa</i>	NE	NE	Rubiaceae
1211	74.78	14.72	Sonda	<i>Glycosmis pentaphylla</i>	NE	NE	Rutaceae
1212	74.78	14.72	Sonda	<i>Zanthoxylum rhetsa</i>	NE	NE	Rutaceae
1213	74.78	14.72	Sonda	<i>Allophylus cobbe</i>	NE	NE	Sapindaceae

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1214	74.78	14.72	Sonda	<i>Alaphylus cobbe</i>	NE	NE	Sapindaceae
1215	74.78	14.72	Sonda	<i>Sapindus laurifolius</i>	NE	NE	Sapindaceae
1216	74.78	14.72	Sonda	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
1217	74.78	14.72	Sonda	<i>Bassia latifolia</i>	NE	NE	Sapotaceae
1218	74.78	14.72	Sonda	<i>Bassia latifolia</i>	NE	NE	Sapotaceae
1219	74.78	14.72	Sonda	<i>Xantolis tomentosa</i>	NE	NE	Sapotaceae
1220	74.78	14.72	Sonda	<i>Xantolis tomentosa</i>	NE	NE	Sapotaceae
1221	74.78	14.72	Sonda	<i>Solanum indicum</i>	NE	NE	Solanaceae
1222	74.78	14.72	Sonda	<i>Grewia microcos</i>	NE	NE	Tiliaceae
1223	74.78	14.72	Sonda	<i>Callicarpa tomentosa</i>	NE	NE	Verbenaceae
1224	74.78	14.72	Sonda	<i>Callicarpa tomentosa</i>	NE	NE	Verbenaceae
1225	74.78	14.72	Sonda	<i>Clerodendrum sp.</i>	NE	NE	Verbenaceae
1226	74.78	14.72	Sonda	<i>Tectona grandis</i>	NE	NE	Verbenaceae
1227	74.78	14.72	Sonda	<i>Leea indica</i>	NE	NE	Vitaceae
1228	74.78	14.72	Sonda	<i>Leea indica</i>	NE	NE	Vitaceae
1229	75.04	14.52	Sirsi-Soraba Road	<i>Piper nigrum</i>	NE	NE	Piperaceae
1230	74.78	14.59	Sirsimakki village	<i>Anacardium occidentale</i>	NE	NE	Anacardiaceae
1231	74.78	14.59	Sirsimakki village	<i>Areca catechu</i>	NE	NE	Arecaceae
1232	74.78	14.59	Sirsimakki village	<i>Erythrina indica</i>	NE	NE	Fabaceae
1233	74.78	14.59	Sirsimakki village	<i>Acacia auriculiformis</i>	NE	NE	Leguminosae
1234	74.78	14.59	Sirsimakki village	<i>Leucaena leucocephala</i>	NE	NE	Leguminosae
1235	74.78	14.59	Sirsimakki village	<i>Leucaena leucocephala</i>	NE	NE	Leguminosae
1236	74.78	14.59	Sirsimakki village	<i>Artocarpus heterophyllus</i>	NE	NE	Moraceae
1237	74.78	14.59	Sirsimakki village	<i>Cocus nucifera</i>	NE	NE	Rubiaceae
1238	74.78	14.59	Sirsimakki village	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
1239	74.78	14.59	Sirsimakki village	<i>Nerium oleander</i>	NE	NE	Apocynaceae
1240	74.78	14.59	Sirsimakki village	<i>Plumeria alba</i>	NE	NE	Apocynaceae
1241	74.78	14.59	Sirsimakki village	<i>Casuarina equisetifolia</i>	NE	NE	Casuarinaceae
1242	74.78	14.59	Sirsimakki village	<i>Terminalia crenulata</i>	NE	NE	Combretaceae
1243	74.78	14.59	Sirsimakki village	<i>Cassia siamea</i>	NE	NE	Fabaceae
1244	74.78	14.59	Sirsimakki village	<i>Casaurina equisetifolia</i>	NE	NE	Flacourtiaceae
1245	74.78	14.59	Sirsimakki village	<i>Careya arborea</i>	NE	NE	Lecythidaceae
1246	74.78	14.59	Sirsimakki village	<i>Ficus sp.</i>	NE	NE	Moraceae
1247	74.78	14.59	Sirsimakki village	<i>Musa paradisiaca</i>	NE	NE	Musaceae
1248	74.78	14.59	Sirsimakki village	<i>Musa paradisiaca</i>	NE	NE	Musaceae
1249	74.78	14.59	Sirsimakki village	<i>Psidium guajava</i>	NE	NE	Myrtaceae
1250	74.78	14.59	Sirsimakki village	<i>Citrus species</i>	NE	NE	Rutaceae
1251	74.78	14.59	Sirsimakki village	<i>Citharexylum substratum</i>	NE	NE	Verbenaceae
1252	74.78	14.59	Sirsimakki village	<i>Banana plants</i>	NE	NE	Musaceae
1253	74.78	14.59	Sirsimakki village	<i>Caesalpinia pulcherrima</i>	NE	NE	Fabaceae
1254	74.78	14.59	Sirsimakki village	<i>Gliricidia maculata</i>	NE	NE	Fabaceae
1255	74.79	14.41	Santagal	<i>Gnetum species</i>	NE	DD	Gnetaceae
1256	74.79	14.41	Santagal	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
1257	74.79	14.41	Santagal	<i>Caryota urens</i>	NE	NE	Arecaceae
1258	74.79	14.41	Santagal	<i>Cinnamomum zeylanica</i>	NE	NE	Lauraceae

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1259	74.79	14.41	Santagal	<i>Artocarpus lakoocha</i>	NE	NE	Moraceae
1260	74.79	14.41	Santagal	<i>Rosa rugosa</i>	NE	NE	Rosaceae
1261	74.79	14.41	Santagal	<i>Nothapodytes foetida</i>	NE	NE	Anacardiaceae
1262	74.79	14.41	Santagal	<i>Ancistrocladus heynaeanus</i>	NE	NE	Ancistrocladaceae
1263	74.79	14.41	Santagal	<i>Artabotrys zeylanicus</i>	NE	NE	Annonaceae
1264	74.79	14.41	Santagal	<i>Polyalthia fragrans</i>	NE	NE	Annonaceae
1265	74.79	14.41	Santagal	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
1266	74.79	14.41	Santagal	<i>Wagatea spicata</i>	NE	NE	Caesalpiniaceae
1267	74.79	14.41	Santagal	<i>Calycopteris floribunda</i>	NE	NE	Combretaceae
1268	74.79	14.41	Santagal	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
1269	74.79	14.41	Santagal	<i>Diospyros pruriens</i>	NE	NE	Ebenaceae
1270	74.79	14.41	Santagal	<i>Elaeocarpus species</i>	NE	NE	Elaeocarpaceae
1271	74.79	14.41	Santagal	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
1272	74.79	14.41	Santagal	<i>Mallotus philippinensis</i>	NE	NE	Euphorbiaceae
1273	74.79	14.41	Santagal	<i>Sapum insigne</i>	NE	NE	Euphorbiaceae
1274	74.79	14.41	Santagal	<i>Flacourtia montana</i>	NE	NE	Flacourtiaceae
1275	74.79	14.41	Santagal	<i>Garcinia indica</i>	NE	NE	Clusiaceae
1276	74.79	14.41	Santagal	<i>Vitex altissima</i>	NE	NE	Verbenaceae
1277	74.79	14.41	Santagal	<i>Vitex species</i>	NE	NE	Verbenaceae
1278	74.79	14.41	Santagal	<i>Colebrookea oppositifolia</i>	NE	NE	Lamiaceae
1279	74.79	14.41	Santagal	<i>Neolitsea sp.</i>	NE	NE	Lauraceae
1280	74.79	14.41	Santagal	<i>Strychnos nux-vomica</i>	NE	NE	Loganiaceae
1281	74.79	14.41	Santagal	<i>Pterospermum sp.1</i>	NE	NE	Malvaceae
1282	74.79	14.41	Santagal	<i>Pterospermum sp2</i>	NE	NE	Malvaceae
1283	74.79	14.41	Santagal	<i>Dysoxylum sp.</i>	NE	NE	Meliaceae
1284	74.79	14.41	Santagal	<i>Dysoxylum malabaricum</i>	NE	NE	Meliaceae
1285	74.79	14.41	Santagal	<i>Meliaceae 2</i>	NE	NE	Meliaceae
1286	74.79	14.41	Santagal	<i>Lauraceae member</i>	NE	NE	Monimiaceae
1287	74.79	14.41	Santagal	<i>Ficus sp.(var)</i>	NE	NE	Moraceae
1288	74.79	14.41	Santagal	<i>Ficus asperrima</i>	NE	NE	Moraceae
1289	74.79	14.41	Santagal	<i>Ficus callosa</i>	NE	NE	Moraceae
1290	74.79	14.41	Santagal	<i>Ficus sp.2</i>	NE	NE	Moraceae
1291	74.79	14.41	Santagal	<i>Ficus sp.3</i>	NE	NE	Moraceae
1292	74.79	14.41	Santagal	<i>Myristicaceae member</i>	NE	NE	Myristicaceae
1293	74.79	14.41	Santagal	<i>Embelia species</i>	NE	NE	Myrsinaceae
1294	74.79	14.41	Santagal	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae
1295	74.79	14.41	Santagal	<i>Eugenia species</i>	NE	NE	Myrtaceae
1296	74.79	14.41	Santagal	<i>Strombosia ceylanica</i>	NE	NE	Olaceae
1297	74.79	14.41	Santagal	<i>Linociera malabarica</i>	NE	NE	Oleaceae
1298	74.79	14.41	Santagal	<i>Bischofia javanica</i>	NE	NE	Phyllanthaceae
1299	74.79	14.41	Santagal	<i>Ixora brachiata</i>	NE	NE	Rubiaceae
1300	74.79	14.41	Santagal	<i>Murraya koenigii</i>	NE	NE	Rutaceae
1301	74.79	14.41	Santagal	<i>Murraya sp.</i>	NE	NE	Rutaceae
1302	74.79	14.41	Santagal	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
1303	74.79	14.41	Santagal	<i>Breynia rhamnoides</i>	NE	NE	Stangeriaceae

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1304	74.79	14.41	Santagal	<i>Symplocos sp.</i>	NE	NE	Symplocaceae
1305	74.79	14.41	Santagal	<i>Leea indica</i>	NE	NE	Vitaceae
1306	74.79	14.41	Santagal	<i>Tarenna sp.</i>	NE	NE	
1307	75.04	14.52	Sirsi Sorab Road	<i>Semecarpus anacardium</i>	NE	NE	Anacardiaceae
1308	75.04	14.52	Sirsi-Banavasi Road	<i>Lagerstroemia lanceolata</i>	NE	NE	Lythraceae
1309	75.04	14.52	Sirsi-Sorab Road	<i>Eucalyptus tereticornis</i>	NE	NE	Myrtaceae
1310	75.04	14.52	Sirsi-Soraba Road	<i>Tectona grandis</i>	NE	NE	Verbenaceae
1311	74.79	14.41	Santagal	<i>Ancistrocladus</i>	NE	NE	Ancistrocladaceae
1312	74.79	14.41	Santagal	<i>Artabotrys zeylanicus</i>	NE	NE	Annonaceae
1313	74.79	14.41	Santagal	<i>Wagatea spicata</i>	NE	NE	Caesalpinaceae
1314	74.79	14.41	Santagal	<i>Gymnosporia rothiana</i>	NE	NE	Celastraceae
1315	74.79	14.41	Santagal	<i>Colebrookea oppositifolia</i>	NE	NE	Lamiaceae
1316	74.79	14.41	Santagal	<i>Myrtaceae member</i>	NE	NE	Myristicaceae
1317	74.79	14.41	Santagal	<i>Canthium didyma</i>	NE	NE	Rubiaceae
1318	74.79	14.41	Santagal	<i>Glycosmis pentaphylla</i>	NE	NE	Rutaceae
1319	74.79	14.41	Santagal	<i>Bryenia sp.</i>	NE	NE	Stangeriaceae
1320	74.79	14.41	Santagal	<i>Leea indica</i>	NE	NE	Vitaceae
1321	74.79	14.41	Santagal	<i>Terrene sp.</i>	NE	NE	Arecaceae
1322	74.79	14.41	Santagal	<i>Arenga wightii</i>	NE	VU	Arecaceae
1323	74.79	14.27	Mundigethagu	<i>Bolbitis appendiculata</i>	NE	LC	Lomariopsidaceae
1324	74.79	14.27	Mundigethagu	<i>Stenochlaena palustris</i>	NE	NE	Blechnaceae
1325	74.79	14.27	Mundigethagu	<i>Cyathea nilgiriensis</i>	NE	NE	Cyatheaceae
1326	74.79	14.27	Mundigethagu	<i>Tectaria wightii</i>	NE	NE	Dryopteridaceae
1327	74.79	14.27	Mundigethagu	<i>Angiopteris evecta</i>	NE	NE	Marattiaceae
1328	74.79	14.27	Mundigethagu	<i>Osmunda regalis</i>	NE	NE	Osmundaceae
1329	74.79	14.27	Mundigethagu	<i>Pteris sp.</i>	NE	NE	Pteridaceae
1330	74.79	14.27	Mundigethagu	<i>Pronephrium triphyllum</i>	NE	NE	Thelypteridaceae
1331	74.79	14.27	Mundigethagu	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
1332	74.79	14.27	Torme	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
1333	74.79	14.27	Torme	<i>Bolbitis appendiculata</i>	NE	LC	Lomariopsidaceae
1334	74.79	14.27	Torme	<i>Nothapodytes foetida</i>	NE	NE	Anacardiaceae
1335	74.79	14.27	Torme	<i>Calamus sp.</i>	NE	NE	Arecaceae
1336	74.79	14.27	Torme	<i>Pandanus sp.</i>	NE	NE	Pandanaceae
1337	74.79	14.27	Torme	<i>Alpinia malaccensis</i>	NE	NE	Zinziberaceae
1338	74.79	14.27	Mundigethagu	<i>Nothapodytes foetida</i>	NE	NE	Anacardiaceae
1339	74.79	14.27	Mundigethagu	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
1340	74.79	14.27	Mundigethagu	<i>Caryota urens</i>	NE	NE	Arecaceae
1341	74.79	14.27	Mundigethagu	<i>Lophopetalum wightianum</i>	NE	NE	Celastraceae
1342	74.79	14.27	Mundigethagu	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
1343	74.79	14.27	Mundigethagu	<i>Diospyros malabarica</i>	NE	NE	Ebenaceae
1344	74.79	14.27	Mundigethagu	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
1345	74.79	14.27	Mundigethagu	<i>Elaeocarpus tuberculatus</i>	NE	NE	Elaeocarpaceae
1346	74.79	14.27	Mundigethagu	<i>Cleidion sp.</i>	NE	NE	Euphorbiaceae
1347	74.79	14.27	Mundigethagu	<i>Glochidion sp.</i>	NE	NE	Euphorbiaceae
1348	74.79	14.27	Mundigethagu	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae

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1349	74.79	14.27	Mundigethagu	<i>Casearia elliptica</i>	NE	NE	Flacourtiaceae
1350	74.79	14.27	Mundigethagu	<i>Agrostistachys longifolia</i>	NE	NE	Gramineae
1351	74.79	14.27	Mundigethagu	<i>Garcinia morella</i>	NE	NE	Clusiaceae
1352	74.79	14.27	Mundigethagu	<i>Aglaia anamallayana</i>	NE	NE	Meliaceae
1353	74.79	14.27	Mundigethagu	<i>Aglaia elaeagnoidea</i>	NE	NE	Meliaceae
1354	74.79	14.27	Mundigethagu	<i>Ficus nervosa</i>	NE	NE	Moraceae
1355	74.79	14.27	Mundigethagu	<i>Myristica dactyloides</i>	NE	NE	Myristicaceae
1356	74.79	14.27	Mundigethagu	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
1357	74.79	14.27	Mundigethagu	<i>Syzygium hemispermicum</i>	NE	NE	Myrtaceae
1358	74.79	14.27	Mundigethagu	<i>Calamus sp.</i>	NE	NE	Arecaceae
1359	74.79	14.27	Mundigethagu	<i>Pandanus sp.</i>	NE	NE	Pandanaceae
1360	74.79	14.27	Mundigethagu	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
1361	74.79	14.27	Mundigethagu	<i>Anthocephalus cadamba</i>	NE	NE	Rubiaceae
1362	74.79	14.27	Mundigethagu	<i>Murraya paniculata</i>	NE	NE	Rutaceae
1363	74.79	14.27	Mundigethagu	<i>Paramignya monophylla</i>	NE	NE	Rutaceae
1364	74.79	14.27	Mundigethagu	<i>Callicarpa tomentosa</i>	NE	NE	Verbenaceae
1365	74.79	14.27	Mundigethagu	<i>Alpinia malaccensis</i>	NE	NE	Zinziberaceae
1366	74.79	14.27	Torme	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
1367	74.79	14.27	Torme	<i>Caryota urens</i>	NE	NE	Arecaceae
1368	74.79	14.27	Torme	<i>Stenochlaena palustris</i>	NE	NE	Blechnaceae
1369	74.79	14.27	Torme	<i>Lophoptalum wightianum</i>	NE	NE	Celastraceae
1370	74.79	14.27	Torme	<i>Cyathea nilgiriensis</i>	NE	NE	Cyatheaceae
1371	74.79	14.27	Torme	<i>Tectaria wightii</i>	NE	NE	Dryopteridaceae
1372	74.79	14.27	Torme	<i>Diospyros candolleana</i>	NE	NE	Ebenaceae
1373	74.79	14.27	Torme	<i>Diospyros malabarica</i>	NE	NE	Ebenaceae
1374	74.79	14.27	Torme	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
1375	74.79	14.27	Torme	<i>Elaeocarpus tuberculatus</i>	NE	NE	Elaeocarpaceae
1376	74.79	14.27	Torme	<i>Cleidion sp.</i>	NE	NE	Euphorbiaceae
1377	74.79	14.27	Torme	<i>Glochidion sp.</i>	NE	NE	Euphorbiaceae
1378	74.79	14.27	Torme	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
1379	74.79	14.27	Torme	<i>Casearia elliptica</i>	NE	NE	Flacourtiaceae
1380	74.79	14.27	Torme	<i>Agrostistachys longifolia</i>	NE	NE	Gramineae
1381	74.79	14.27	Torme	<i>Garcinia morella</i>	NE	NE	Clusiaceae
1382	74.79	14.27	Torme	<i>Angiopteris evecta</i>	NE	NE	Marattiaceae
1383	74.79	14.27	Torme	<i>Aglaia anamallayana</i>	NE	NE	Meliaceae
1384	74.79	14.27	Torme	<i>Aglaia elaeagnoidea</i>	NE	NE	Meliaceae
1385	74.79	14.27	Torme	<i>Ficus nervosa</i>	NE	NE	Moraceae
1386	74.79	14.27	Torme	<i>Myristica dactyloides</i>	NE	NE	Myristicaceae
1387	74.79	14.27	Torme	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
1388	74.79	14.27	Torme	<i>Syzygium hemispermicum</i>	NE	NE	Myrtaceae
1389	74.79	14.27	Torme	<i>Osmunda regalis</i>	NE	NE	Osmundaceae
1390	74.79	14.27	Torme	<i>Pteris sp.</i>	NE	NE	Pteridaceae
1391	74.79	14.27	Torme	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
1392	74.79	14.27	Torme	<i>Anthocephalus cadamba</i>	NE	NE	Rubiaceae
1393	74.79	14.27	Torme	<i>Murraya paniculata</i>	NE	NE	Rutaceae

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1394	74.79	14.27	Torme	<i>Paramignya monophylla</i>	NE	NE	Rutaceae
1395	74.79	14.27	Torme	<i>Pronephrum triphyllum</i>	NE	NE	Thelypteridaceae
1396	74.79	14.27	Torme	<i>Callicarpa tomentosa</i>	NE	NE	Verbenaceae
1397	74.83	15.18	Tattigere	<i>Centranthera indica</i>	NE	LC	Scrophulariaceae
1398	74.83	15.18	Tattigere	<i>Justicia simplex</i>	NE	NE	Acanthaceae
1399	74.83	15.18	Tattigere	<i>Lannea coromandelica</i>	NE	NE	Anacardiaceae
1400	74.83	15.18	Tattigere	<i>Mangifera indica</i>	NE	NE	Anacardiaceae
1401	74.83	15.18	Tattigere	<i>Alstonia scholaris</i>	NE	NE	Apocynaceae
1402	74.83	15.18	Tattigere	<i>Holarrhena antidysenterica</i>	NE	NE	Apocynaceae
1403	74.83	15.18	Tattigere	<i>Ichnocarpus frutescens</i>	NE	NE	Apocynaceae
1404	74.83	15.18	Tattigere	<i>Therioiphonum dalzellii</i>	NE	NE	Araceae
1405	74.83	15.18	Tattigere	<i>Gymnema sylvestre</i>	NE	NE	Asclepiadaceae
1406	74.83	15.18	Tattigere	<i>Hemidesmus indicus</i>	NE	NE	Asclepiadaceae
1407	74.83	15.18	Tattigere	<i>Sphaeranthus indicus</i>	NE	NE	Asteraceae
1408	74.83	15.18	Tattigere	<i>Tricholepis glaberrima</i>	NE	NE	Asteraceae
1409	74.83	15.18	Tattigere	<i>Vernonia divergens</i>	NE	NE	Asteraceae
1410	74.83	15.18	Tattigere	<i>Dolichandrone spathacea</i>	NE	NE	Bignoniaceae
1411	74.83	15.18	Tattigere	<i>Bombax ceiba</i>	NE	NE	Bombaceae
1412	74.83	15.18	Tattigere	<i>Cordia myxa</i>	NE	NE	Boraginaceae
1413	74.83	15.18	Tattigere	<i>Moullava spicata</i>	NE	NE	Caesalpinaceae
1414	74.83	15.18	Tattigere	<i>Cassia tora</i>	NE	NE	Caesalpiniae
1415	74.83	15.18	Tattigere	<i>Lobelia alsinoides</i>	NE	NE	Campanulaceae
1416	74.83	15.18	Tattigere	<i>Calophyllum inophyllum</i>	NE	NE	Clusiaceae
1417	74.83	15.18	Tattigere	<i>Terminalia alata</i>	NE	NE	Combretaceae
1418	74.83	15.18	Tattigere	<i>Terminalia bellirica</i>	NE	NE	Combretaceae
1419	74.83	15.18	Tattigere	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
1420	74.83	15.18	Tattigere	<i>Cyperus compressus</i>	NE	NE	Cyperaceae
1421	74.83	15.18	Tattigere	<i>Cyperus difformis</i>	NE	NE	Cyperaceae
1422	74.83	15.18	Tattigere	<i>Cyperus halpan</i>	NE	NE	Cyperaceae
1423	74.83	15.18	Tattigere	<i>Cyperus malaccensis</i>	NE	NE	Cyperaceae
1424	74.83	15.18	Tattigere	<i>Eleocharis acutangula</i>	NE	NE	Cyperaceae
1425	74.83	15.18	Tattigere	<i>Fimbristylis bisumbellata</i>	NE	NE	Cyperaceae
1426	74.83	15.18	Tattigere	<i>Fimbristylis dichotoma</i>	NE	NE	Cyperaceae
1427	74.83	15.18	Tattigere	<i>Fimbristylis ferruginea</i>	NE	NE	Cyperaceae
1428	74.83	15.18	Tattigere	<i>Fuirena ciliaris</i>	NE	NE	Cyperaceae
1429	74.83	15.18	Tattigere	<i>Kyllinga melanosperma</i>	NE	NE	Cyperaceae
1430	74.83	15.18	Tattigere	<i>Mariscus javanicus</i>	NE	NE	Cyperaceae
1431	74.83	15.18	Tattigere	<i>Pycurus polystachyos</i>	NE	NE	Cyperaceae
1432	74.83	15.18	Tattigere	<i>Pycurus pumilus</i>	NE	NE	Cyperaceae
1433	74.83	15.18	Tattigere	<i>Pycurus sanguinolentus</i>	NE	NE	Cyperaceae
1434	74.83	15.18	Tattigere	<i>Pycurus stramineus</i>	NE	NE	Cyperaceae
1435	74.83	15.18	Tattigere	<i>Rhynchospora wightiana</i>	NE	NE	Cyperaceae
1436	74.83	15.18	Tattigere	<i>Schoenoplectus lateriflorus</i>	NE	NE	Cyperaceae
1437	74.83	15.18	Tattigere	<i>Dillenia pentagyna</i>	NE	NE	Dilleniaceae
1438	74.83	15.18	Tattigere	<i>Diospyros montana</i>	NE	NE	Ebenaceae

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1439	74.83	15.18	Tattigere	<i>Elaeocarpus serratus</i>	NE	NE	Elaeocarpaceae
1440	74.83	15.18	Tattigere	<i>Aporosa lindleyana</i>	NE	NE	Euphorbiaceae
1441	74.83	15.18	Tattigere	<i>Bridelia crenulata</i>	NE	NE	Euphorbiaceae
1442	74.83	15.18	Tattigere	<i>Euphorbia notoptera</i>	NE	NE	Euphorbiaceae
1443	74.83	15.18	Tattigere	<i>Excoecaria agallocha</i>	NE	NE	Euphorbiaceae
1444	74.83	15.18	Tattigere	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
1445	74.83	15.18	Tattigere	<i>Mallotus philippensis</i>	NE	NE	Euphorbiaceae
1446	74.83	15.18	Tattigere	<i>Phyllanthus emblica</i>	NE	NE	Euphorbiaceae
1447	74.83	15.18	Tattigere	<i>Phyllanthus simplex</i>	NE	NE	Euphorbiaceae
1448	74.83	15.18	Tattigere	<i>Phyllanthus urinaria</i>	NE	NE	Euphorbiaceae
1449	74.83	15.18	Tattigere	<i>Sapium insigne</i>	NE	NE	Euphorbiaceae
1450	74.83	15.18	Tattigere	<i>Trewia nudiflora</i>	NE	NE	Euphorbiaceae
1451	74.83	15.18	Tattigere	<i>Cassia fistula</i>	NE	NE	Fabaceae
1452	74.83	15.18	Tattigere	<i>Mimosa pudica</i>	NE	NE	Fabaceae
1453	74.83	15.18	Tattigere	<i>Desmodium triflorum</i>	NE	NE	Fabaceae
1454	74.83	15.18	Tattigere	<i>Smithia hirsuta</i>	NE	NE	Fabaceae
1455	74.83	15.18	Tattigere	<i>Zornia gibbosa</i>	NE	NE	Fabaceae
1456	74.83	15.18	Tattigere	<i>Pongamia pinnata</i>	NE	NE	Fabaceae
1457	74.83	15.18	Tattigere	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
1458	74.83	15.18	Tattigere	<i>Dalbergia horrida</i>	NE	NE	Fabaceae
1459	74.83	15.18	Tattigere	<i>Derris scandens</i>	NE	NE	Fabaceae
1460	74.83	15.18	Tattigere	<i>Derris trifoliata</i>	NE	NE	Fabaceae
1461	74.83	15.18	Tattigere	<i>Casearia rubescens</i>	NE	NE	Flacourtiaceae
1462	74.83	15.18	Tattigere	<i>Flacourtia montana</i>	NE	NE	Flacourtiaceae
1463	74.83	15.18	Tattigere	<i>Hoppea dichotoma</i>	NE	NE	Gentianaceae
1464	74.83	15.18	Tattigere	<i>Canscora decurrens</i>	NE	NE	Gentianaceae
1465	74.83	15.18	Tattigere	<i>Blyxa aubertii</i>	NE	NE	Hydrocharitaceae
1466	74.83	15.18	Tattigere	<i>Nothapodytes</i>	NE	NE	Icacinaceae
1467	74.83	15.18	Tattigere	<i>Leucas lavandulifolia</i>	NE	NE	Lamiaceae
1468	74.83	15.18	Tattigere	<i>Ocimum canum</i>	NE	NE	Lamiaceae
1469	74.83	15.18	Tattigere	<i>Barringtonia acutangula</i>	NE	NE	Lecythidaceae
1470	74.83	15.18	Tattigere	<i>Careya arborea</i>	NE	NE	Lecythidaceae
1471	74.83	15.18	Tattigere	<i>Leea indica</i>	NE	NE	Leeaceae
1472	74.83	15.18	Tattigere	<i>Gloriosa superba</i>	NE	NE	Liliaceae
1473	74.83	15.18	Tattigere	<i>Strychnos nux-vomica</i>	NE	NE	Loganiaceae
1474	74.83	15.18	Tattigere	<i>Sida acuta</i>	NE	NE	Malvaceae
1475	74.83	15.18	Tattigere	<i>Urena lobata</i>	NE	NE	Malvaceae
1476	74.83	15.18	Tattigere	<i>Ficus arnottiana</i>	NE	NE	Moraceae
1477	74.83	15.18	Tattigere	<i>Ficus drupacea</i>	NE	NE	Moraceae
1478	74.83	15.18	Tattigere	<i>Ficus hispida</i>	NE	NE	Moraceae
1479	74.83	15.18	Tattigere	<i>Streblus asper</i>	NE	NE	Moraceae
1480	74.83	15.18	Tattigere	<i>Avicennia officinalis</i>	NE	NE	Myrtaceae
1481	74.83	15.18	Tattigere	<i>Syzygium caryophyllatum</i>	NE	NE	Myrtaceae
1482	74.83	15.18	Tattigere	<i>Syzygium cumini</i>	NE	NE	Myrtaceae
1483	74.83	15.18	Tattigere	<i>Olea dioica</i>	NE	NE	Oleaceae

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1484	74.83	15.18	Tattigere	<i>Ludwigia perennis</i>	NE	NE	Onagraceae
1485	74.83	15.18	Tattigere	<i>Rhynchosstylis retusa</i>	NE	NE	Orchidaceae
1486	74.83	15.18	Tattigere	<i>Arundinella metzii</i>	NE	NE	Papilionaceae
1487	74.83	15.18	Tattigere	<i>Geissaspis cristata</i>	NE	NE	Papilionaceae
1488	74.83	15.18	Tattigere	<i>Piper nigrum</i>	NE	NE	Piperaceae
1489	74.83	15.18	Tattigere	<i>Dimeria hohenackeri</i>	NE	NE	Poaceae
1490	74.83	15.18	Tattigere	<i>Dimeria ornithopoda</i>	NE	NE	Poaceae
1491	74.83	15.18	Tattigere	<i>Eragrostis unioloides</i>	NE	NE	Poaceae
1492	74.83	15.18	Tattigere	<i>Glyphochloa acuminata var. acuminata</i>	NE	NE	Poaceae
1493	74.83	15.18	Tattigere	<i>Isachne globosa</i>	NE	NE	Poaceae
1494	74.83	15.18	Tattigere	<i>Ischaemum indicum</i>	NE	NE	Poaceae
1495	74.83	15.18	Tattigere	<i>Oplismenus burmannii</i>	NE	NE	Poaceae
1496	74.83	15.18	Tattigere	<i>Paspalum scrobiculatum</i>	NE	NE	Poaceae
1497	74.83	15.18	Tattigere	<i>Porteresia coarctata</i>	NE	NE	Poaceae
1498	74.83	15.18	Tattigere	<i>Pseudanthistiria umbellata</i>	NE	NE	Poaceae
1499	74.83	15.18	Tattigere	<i>Sporobolus virginicus</i>	NE	NE	Poaceae
1500	74.83	15.18	Tattigere	<i>Zoysia matrella</i>	NE	NE	Poaceae
1501	74.83	15.18	Tattigere	<i>Portulaca oleracea</i>	NE	NE	Portulacaceae
1502	74.83	15.18	Tattigere	<i>Carallia brachiata</i>	NE	NE	Rhizophoraceae
1503	74.83	15.18	Tattigere	<i>Kandelia candel</i>	NE	NE	Rhizophoraceae
1504	74.83	15.18	Tattigere	<i>Rhizophora apiculata</i>	NE	NE	Rhizophoraceae
1505	74.83	15.18	Tattigere	<i>Rhizophora mucronata</i>	NE	NE	Rhizophoraceae
1506	74.83	15.18	Tattigere	<i>Hedyotis herbacea</i>	NE	NE	Rubiaceae
1507	74.83	15.18	Tattigere	<i>Ixora arborea</i>	NE	NE	Rubiaceae
1508	74.83	15.18	Tattigere	<i>Randia dumetorum</i>	NE	NE	Rubiaceae
1509	74.83	15.18	Tattigere	<i>Spermacoce articularis</i>	NE	NE	Rubiaceae
1510	74.83	15.18	Tattigere	<i>Spermacoce verticillata</i>	NE	NE	Rubiaceae
1511	74.83	15.18	Tattigere	<i>Sapindus laurifolia</i>	NE	NE	Sapindaceae
1512	74.83	15.18	Tattigere	<i>Schleichera oleosa</i>	NE	NE	Sapindaceae
1513	74.83	15.18	Tattigere	<i>Madhuca nerifolia</i>	NE	NE	Sapotaceae
1514	74.83	15.18	Tattigere	<i>Mimusops elengi</i>	NE	NE	Sapotaceae
1515	74.83	15.18	Tattigere	<i>Bacopa monnieri</i>	NE	NE	Scrophulariaceae
1516	74.83	15.18	Tattigere	<i>Lindernia crustacea</i>	NE	NE	Scrophulariaceae
1517	74.83	15.18	Tattigere	<i>Lindernia tenuifolia</i>	NE	NE	Scrophulariaceae
1518	74.83	15.18	Tattigere	<i>Striga lutea</i>	NE	NE	Scrophulariaceae
1519	74.83	15.18	Tattigere	<i>Smilax zeylanica</i>	NE	NE	Smilacaceae
1520	74.83	15.18	Tattigere	<i>Sonneratia caseolaris</i>	NE	NE	Sonneratiaceae
1521	74.83	15.18	Tattigere	<i>Sphenoclea zeylanica</i>	NE	NE	Sphenocleaceae
1522	74.83	15.18	Tattigere	<i>Grewia tiliaefolia</i>	NE	NE	Tiliaceae
1523	74.83	15.18	Tattigere	<i>Vitex altissima</i>	NE	NE	Verbenaceae
1524	74.83	15.18	Tattigere	<i>Buchanania lanzan</i>	NE	R	Anacardiaceae
1525	74.92	14.94	Mundagod-Tadas Road	<i>Acacia auriculiformis</i>	NE	NE	Fabaceae
1526	74.92	14.94	Mundagod-Yellapur Road	<i>Lagerstroemia lanceolata</i>	NE	NE	Lythraceae
1527	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Bolbitis appendiculata</i>	NE	LC	Lomariopsidaceae
1528	74.92	14.57	Bidralli	<i>Alstonia scholaris</i>	NE	LRLC	Apocynaceae

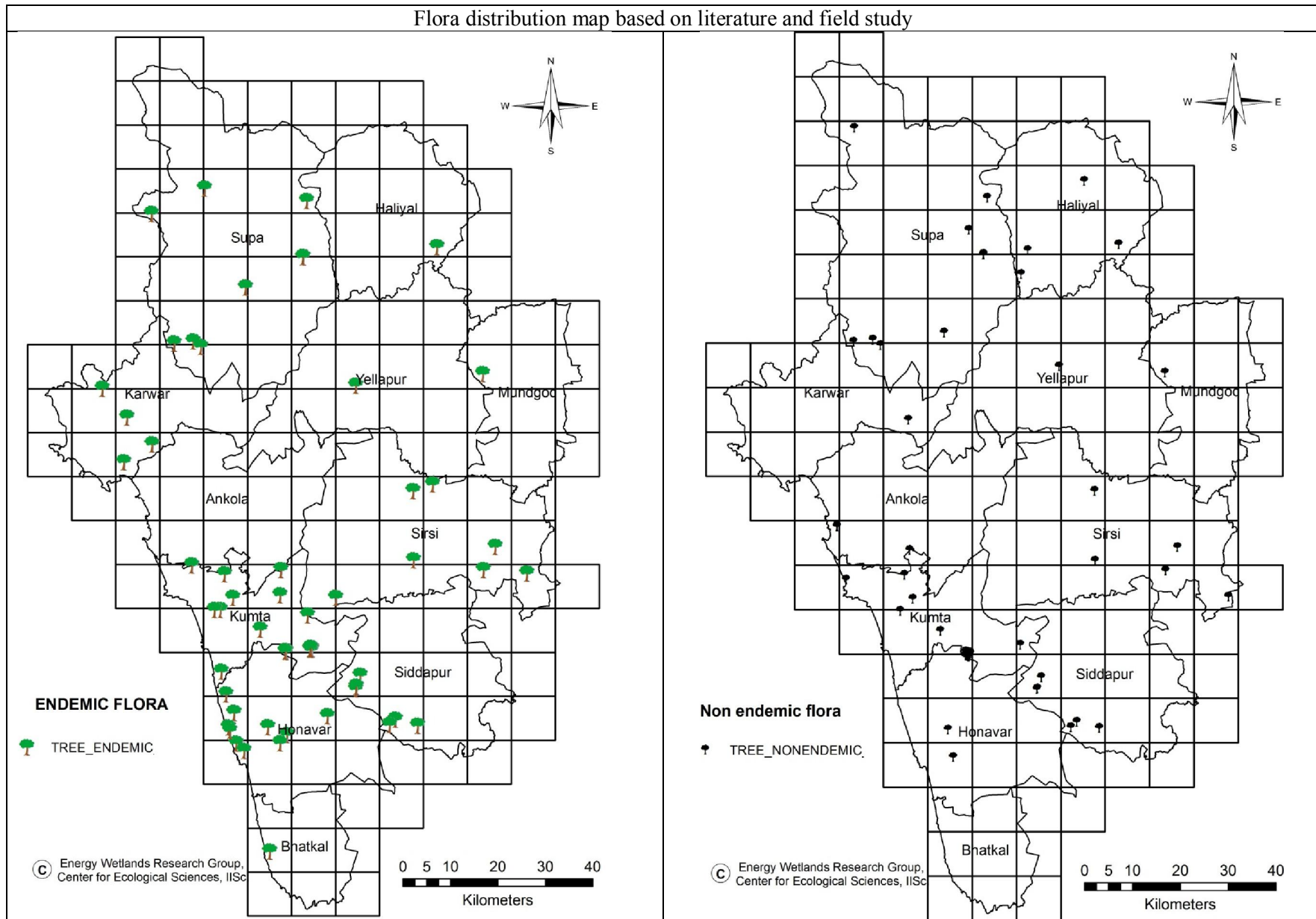
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1529	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Alstonia scholaris</i>	NE	LRLC	Apocynaceae
1530	74.92	14.57	Bidralli	<i>Buchanania lanzan</i>	NE	NE	Anacardiaceae
1531	74.92	14.57	Bidralli	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
1532	74.92	14.57	Bidralli	<i>Calycopteris floribunda</i>	NE	NE	Combretaceae
1533	74.92	14.57	Bidralli	<i>Terminalia bellerica</i>	NE	NE	Combretaceae
1534	74.92	14.57	Bidralli	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
1535	74.92	14.57	Bidralli	<i>Terminalia tomentosa</i>	NE	NE	Combretaceae
1536	74.92	14.57	Bidralli	<i>Diospyros montana</i>	NE	NE	Ebenaceae
1537	74.92	14.57	Bidralli	<i>Bridelia species</i>	NE	NE	Euphorbiaceae
1538	74.92	14.57	Bidralli	<i>Glochidion sp.</i>	NE	NE	Euphorbiaceae
1539	74.92	14.57	Bidralli	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
1540	74.92	14.57	Bidralli	<i>Cassia fistula</i>	NE	NE	Fabaceae
1541	74.92	14.57	Bidralli	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
1542	74.92	14.57	Bidralli	<i>Careya arborea</i>	NE	NE	Lecythidaceae
1543	74.92	14.57	Bidralli	<i>Lagerstroemia lanceolata</i>	NE	NE	Lythraceae
1544	74.92	14.57	Bidralli	<i>Kydia calycina</i>	NE	NE	Malvaceae
1545	74.92	14.57	Bidralli	<i>Sterculia gutata</i>	NE	NE	Malvaceae
1546	74.92	14.57	Bidralli	<i>Sterculia species</i>	NE	NE	Malvaceae
1547	74.92	14.57	Bidralli	<i>Bliscofia javanica</i>	NE	NE	Phyllanthaceae
1548	74.92	14.57	Bidralli	<i>Phyllanthus embica</i>	NE	NE	Phyllanthaceae
1549	74.92	14.57	Bidralli	<i>Ziziphus rugosa</i>	NE	NE	Rhamnaceae
1550	74.92	14.57	Bidralli	<i>Adina cordifolia</i>	NE	NE	Rubiaceae
1551	74.92	14.57	Bidralli	<i>Randia spinosa</i>	NE	NE	Rubiaceae
1552	74.92	14.57	Bidralli	<i>Randia uliginosa</i>	NE	NE	Rubiaceae
1553	74.92	14.57	Bidralli	<i>Allophylus cobbe</i>	NE	NE	Sapindaceae
1554	74.92	14.57	Bidralli	<i>Schleichera trijuga</i>	NE	NE	Sapindaceae
1555	74.92	14.57	Bidralli	<i>Grewia microcos</i>	NE	NE	Tiliaceae
1556	74.92	14.57	Bidralli	<i>Grewia tilliaefolia</i>	NE	NE	Tiliaceae
1557	74.92	14.57	Bidralli	<i>Odina woodier</i>	NE	NE	
1558	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Buchanania lanzan</i>	NE	NE	Anacardiaceae
1559	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Spondias acuminata</i>	NE	NE	Anacardiaceae
1560	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Holarrhena antidysenterica</i>	NE	NE	Apocynaceae
1561	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Terminalia bellirica</i>	NE	NE	Combretaceae
1562	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
1563	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Terminalia tomentosa</i>	NE	NE	Combretaceae
1564	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Diospyros melanoxyton</i>	NE	NE	Ebenaceae
1565	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Diospyros montana</i>	NE	NE	Ebenaceae
1566	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Macaranga peltata</i>	NE	NE	Euphorbiaceae
1567	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Cassia fistula</i>	NE	NE	Fabaceae
1568	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
1569	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Careya arborea</i>	NE	NE	Lecythidaceae
1570	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Dalbergia latifolia</i>	NE	NE	Leguminosae
1571	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Lagerstroemia microcarpa</i>	NE	NE	Lythraceae
1572	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Eucalyptus sp.</i>	NE	NE	Myrtaceae
1573	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Eugenia jambolana</i>	NE	NE	Myrtaceae

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1574	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Phyllanthus emblica</i>	NE	NE	Phyllanthaceae
1575	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Ziziphus rugosa</i>	NE	NE	Rhamnaceae
1576	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Ziziphus xylopyra</i>	NE	NE	Rhamnaceae
1577	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Adina cordifolia</i>	NE	NE	Rubiaceae
1578	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Xeromphis spinosa</i>	NE	NE	Rubiaceae
1579	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Xeromphis uliginosa</i>	NE	NE	Rubiaceae
1580	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Bassia latifolia</i>	NE	NE	Sapotaceae
1581	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Xantolis tomentosa</i>	NE	NE	Sapotaceae
1582	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Grewia tiliifolia</i>	NE	NE	Tiliaceae
1583	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Callicarpa tomentosa</i>	NE	NE	Verbenaceae
1584	74.92	14.57	Bidralli(Eucalyptus Plants)	<i>Breynia sp.</i>	NE	NE	
1585	74.92	14.57	Bidralli	<i>Dalbergia latifolia</i>	NE	T	Leguminosae
1586	74.94	14.61	Sugavi	<i>Gmelina arborea</i>	NE	DD	Gnetaceae
1587	74.94	14.61	Sugavi	<i>Aporosa lindleyana</i>	NE	EN	Phyllanthaceae
1588	74.94	14.61	Sugavi	<i>Acacia torta</i>	NE	LC	Leguminosae
1589	74.94	14.61	Sugavi	<i>Alstonia scholaris</i>	NE	LRLC	Apocynaceae
1590	74.94	14.61	Sugavi	<i>Buchanania lanzan</i>	NE	NE	Anacardiaceae
1591	74.94	14.61	Sugavi	<i>Carissa carandas</i>	NE	NE	Apocynaceae
1592	74.94	14.61	Sugavi	<i>Stereospermum personatum</i>	NE	NE	Bignoniaceae
1593	74.94	14.61	Sugavi	<i>Bombax malabaricum</i>	NE	NE	Bombacaceae
1594	74.94	14.61	Sugavi	<i>Wagatea spicata</i>	NE	NE	Caesalpiniaceae
1595	74.94	14.61	Sugavi	<i>Calycopteris floribunda</i>	NE	NE	Combretaceae
1596	74.94	14.61	Sugavi	<i>Terminalia bellerica</i>	NE	NE	Combretaceae
1597	74.94	14.61	Sugavi	<i>Terminalia chebula</i>	NE	NE	Combretaceae
1598	74.94	14.61	Sugavi	<i>Terminalia paniculata</i>	NE	NE	Combretaceae
1599	74.94	14.61	Sugavi	<i>Terminalia tomentosa</i>	NE	NE	Combretaceae
1600	74.94	14.61	Sugavi	<i>Diospyros montana</i>	NE	NE	Ebenaceae
1601	74.94	14.61	Sugavi	<i>Cassia fistula</i>	NE	NE	Fabaceae
1602	74.94	14.61	Sugavi	<i>Xylia xylocarpa</i>	NE	NE	Fabaceae
1603	74.94	14.61	Sugavi	<i>Alseodaphne semecarpifolia</i>	NE	NE	Lauraceae
1604	74.94	14.61	Sugavi	<i>Careya arborea</i>	NE	NE	Lecythidaceae

ANNEXURE I: Flora of Uttara Kannada district



ANNEXURE II: Fauna of Uttara Kannada district

Mammals - Endemic								
S.no	Longitude	Latitude	Locations	Scientific name	Common name	E / NE	IUCN status	Family
1	74.25	14.97	Dandeli wildlife national park	<i>Macaca silenus</i>	Lion tailed macaque	E	EN	Cercopithecidae
2	74.25	14.97	Gersoppa	<i>Macaca silenus</i>	Lion tailed macaque	E	EN	Cercopithecidae
3	74.25	14.97	Dandeli wildlife national park	<i>Funambulus tristriatus</i>	Jungle striped squirrel	E	EN	Sciuridae
4	74.25	14.97	Dandeli wildlife national park	<i>Cuon alpinus</i>	Wild dog or dhole	E	EN	Canidae
5	74.25	14.97	Dandeli wildlife national park	<i>Paradoxurus jerdoni</i>	Brown Palm Civet	E	VU	Felidae
6	74.25	14.97	Dandeli wildlife national park	<i>Ratufa indica</i>	Indian Giant Squirrel	E	VU	Sciuridae
7	74.40	14.42	Kumta	<i>Macaca silenus</i>	Lion tailed macaque	E	EN	Cercopithecidae
8	74.44	14.28	Honnavar	<i>Macaca silenus</i>	Lion tailed macaque	E	EN	Cercopithecidae
9	74.44	14.28	Honnavar	<i>Macaca silenus</i>	Lion tailed macaque	E	EN	Cercopithecidae
10	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Cuon alpinus</i>	Wild dog or dhole	E	EN	Canidae
11	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Macaca silenus</i>	Lion tailed macaque	E	EN	Cercopithecidae
12	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Herpestes edwardsi</i>	Common Indian Mongoose	E	EN	Herpestidae
13	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Funambulus tristriatus</i>	Jungle striped squirrel	E	EN	Sciuridae
14	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Paradoxurus jerdoni</i>	Brown Palm Civet	E	VU	Felidae
15	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Ratufa indica</i>	Indian Giant Squirrel	E	VU	Sciuridae
16	74.68	14.35	Halsolli	<i>Ratufa indica</i>	Indian Giant Squirrel	E	VU	Sciuridae
17	74.68	14.35	Halsolli	<i>Macaca silenus</i>	Lion Tailed macaque	E	EN	Cercopithecidae
18	74.74	14.27	Malemane	<i>Ratufa indica</i>	Indian Giant Squirrel	E	VU	Sciuridae
19	74.74	14.27	Malemane	<i>Macaca silenus</i>	Lion Tailed macaque	E	EN	Cercopithecidae
20	74.75	14.28	Kathalekan	<i>Ratufa indica</i>	Indian Giant Squirrel	E	VU	Sciuridae
21	74.75	14.28	Kathalekan	<i>Macaca silenus</i>	Lion Tailed macaque	E	EN	Cercopithecidae
22	74.79	14.27	Torme	<i>Ratufa indica</i>	Indian Giant Squirrel	E	VU	Sciuridae
23	74.79	14.27	Mundigethagu	<i>Ratufa indica</i>	Indian Giant Squirrel	E	VU	Sciuridae
24	74.79	14.27	Torme	<i>Macaca silenus</i>	Lion Tailed macaque	E	EN	Cercopithecidae
25	74.79	14.27	Mundigethagu	<i>Macaca silenus</i>	Lion Tailed macaque	E	EN	Cercopithecidae
26	74.83	14.62	Janmane	<i>Macaca silenus</i>	Lion tailed macaque	E	EN	Cercopithecidae
27	74.83	14.62	Kyadagi	<i>Macaca silenus</i>	Lion tailed macaque	E	EN	Cercopithecidae
28	74.83	14.62	Sirsi	<i>Macaca silenus</i>	Lion tailed macaque	E	EN	Cercopithecidae
29	74.90	14.33	Siddapur	<i>Macaca silenus</i>	Lion tailed macaque	E	EN	Cercopithecidae

* E- Endemic; NE- Non endemic; LC- Least concern; VU- Vulnerable; NT- Near threatened; EN- endangered; CR- Critically endangered; DD- Data deficient;

Mammals_ Non endemic								
S.no	Longitude	Latitude	Locations	Scientific name	Common name	E / NE	IUCN status	Family
1	74.12	14.80	Karwar	<i>Elephas maximus</i>	Elephant	NE	VU	Elephantidae
2	74.12	14.80	Karwar	<i>Elephas maximus</i>	Elephant	NE	VU	Elephantidae
3	74.25	14.97	Dandeli wildlife national park	<i>Lutra lutra</i>	Common Otter	NE	DD	Mustilidae
4	74.25	14.97	Gersoppa	<i>Myotis montivagus</i>	Burmese whiskered bat	NE	DD	Vespertilionidae
5	74.25	14.97	Dandeli wildlife national park	<i>Panthera tigris</i>	Tiger	NE	EN	Felidae
6	74.25	14.97	Dandeli wildlife national park	<i>Pteromys oral</i>	Common Giant Flying Squirrel	NE	EN	Sciuridae
7	74.25	14.97	Dandeli wildlife national park	<i>Tragulus meminna</i>	Indian Spotted Chevrotain or Mouse deer	NE	LC	Tragulidae
8	74.25	14.97	Dandeli wildlife national park	<i>Axis axis</i>	Barking Deer	NE	EN	Cervidae
9	74.25	14.97	Dandeli wildlife national park	<i>Cervus unicolor</i>	Sambar	NE	EN	Cervidae
10	74.25	14.97	Dandeli wildlife national park	<i>Cervus unicolor</i>	Sambar	NE	EN	Cervidae
11	74.25	14.97	Dandeli wildlife national park	<i>Sus scrofa cristatus</i>	Wild Boar	NE	EN	Suidae
12	74.25	14.97	Dandeli wildlife national park	<i>Canis aureus</i>	Indian Jackal	NE	EN	Canidae
13	74.25	14.97	Dandeli wildlife national park	<i>Herpestes edwardsi</i>	Common Indian Mongoose	NE	EN	Herpestidae
14	74.25	14.97	Dandeli wildlife national park	<i>Herpestes javanicus</i>	Small Indian Mongoose	NE	EN	Herpestidae
15	74.25	14.97	Dandeli wildlife national park	<i>Lepus nigricollis</i>	Indian hare	NE	EN	Leporidae
16	74.25	14.97	Dandeli wildlife national park	<i>Macaca radiata</i>	Bonnet Macaque	NE	EN	Cercopithecidae
17	74.25	14.97	Dandeli wildlife national park	<i>Semnopithecus entellus</i>	Hanuman Langur	NE	EN	Cercopithecidae
18	74.25	14.97	Dandeli wildlife national park	<i>Hystrix indica</i>	Indian Porcupine	NE	EN	Hystricidae
19	74.25	14.97	Dandeli wildlife national park	<i>Funambulus palmarum</i>	Three striped Palm Squirrel	NE	EN	Sciuridae
20	74.25	14.97	Gersoppa	<i>Megaderma spasma</i>	Lesser false vampire	NE	EN	Megadermatidae
21	74.25	14.97	Gersoppa	<i>Rousettus leschnaulti</i>	Fulvous fruit bat	NE	EN	Pteropodidae
22	74.25	14.97	Gersoppa	<i>Macaca radiata</i>	Bonnet Macaque	NE	EN	Cercopithecidae
23	74.25	14.97	Gersoppa	<i>Semnopithecus entellus</i>	Hanuman Langur	NE	EN	Cercopithecidae

ANNEXURE II: Fauna of Uttara Kannada district

24	74.25	14.97	Dandeli wildlife national park	<i>Vulpes bengalensis</i>	Indian Fox	NE	EN	Canidae
25	74.25	14.97	Dandeli wildlife national park	<i>Felis chaus</i>	Jungle Cat	NE	EN	Felidae
26	74.25	14.97	Dandeli wildlife national park	<i>Prionailurus bengalensis</i>	Leopard	NE	EN	Felidae
27	74.25	14.97	Dandeli wildlife national park	<i>Viverricula indica</i>	Small Indian civet	NE	EN	Viverridae
28	74.25	14.97	Dandeli wildlife national park	<i>Manis crassicaudata</i>	Indian pangolin	NE	EN	Manidae
29	74.25	14.97	Gersoppa	<i>Rhinolophus lepidus</i>	Blyth's horse-shoe bat	NE	EN	Rhinolophidae
30	74.25	14.97	Gersoppa,	<i>Hipposideros speoris</i>	Schneider's leaf-nosed bat	NE	EN	Hipposideridae
31	74.25	14.97	Gersoppa	<i>Taphozous saccolaimus</i>	Pouch bearing bat	NE	NT	Emballonuridae
32	74.25	14.97	Dandeli wildlife national park	<i>Bos gaurus</i>	The gaur	NE	VU	Bovidae
33	74.25	14.97	Dandeli wildlife national park	<i>Felis viverrina</i>	Fishing cat	NE	VU	Felidae
34	74.25	14.97	Dandeli wildlife national park	<i>Loris tardigradus</i>	Slender loris	NE	VU	Loridae
35	74.25	14.97	Dandeli wildlife national park	<i>Elephas maximus</i>	Elephant	NE	VU	Elephantidae
36	74.25	14.97	Dandeli wildlife national park	<i>Melursus ursinus</i>	Sloth Bear	NE	VU/N	Ursidae
37	74.32	14.55	Gokarna	<i>Cynopterus brachyotis</i>	Lesser dog-faced fruit bat	NE	EN	Pteropodidae
38	74.32	14.55	Gokarna	<i>Rhinolophus hardwickii</i>	Lesser mouse-tailed bat	NE	EN	Rhinopomatidae
39	74.40	14.42	Kumta	<i>Macaca radiata</i>	Bonnet Macaque	NE	EN	Cercopithecidae
40	74.40	14.42	Kumta	<i>Semnopithecus entellus</i>	Hanuman Langur	NE	EN	Cercopithecidae
41	74.40	14.42	Muroor	<i>Hipposideros lankadiva</i>	Kelaart's leaf-nosed bat	NE	VU	Hipposideridae
42	74.40	14.42	Muroor	<i>Eonycteris spelaea</i>	Dawn bat	NE	VU/N	Pteropodidae
43	74.44	14.28	Honnavar	<i>Hipposideros galeritus</i>	Cantor's leaf-nosed bat	NE	DD	Hipposideridae
44	74.44	14.28	Honnavar	<i>Megaderma hyra</i>	Greater false vampire	NE	EN	Megadermatidae
45	74.44	14.28	Honnavar	<i>Pipistrellus tenuis</i>	Least pipistrelle	NE	EN	Vespertilionidae
46	74.44	14.28	Honnavar	<i>Pipistrellus ceylonicus</i>	Kelart's pipistrelle	NE	EN	Vespertilionidae
47	74.44	14.28	Honnavar	<i>Macaca radiata</i>	Bonnet Macaque	NE	EN	Cercopithecidae
48	74.44	14.28	Honnavar	<i>Semnopithecus entellus</i>	Hanuman Langur	NE	EN	Cercopithecidae
49	74.44	14.28	Honnavar	<i>Hipposideros fulvus</i>	Fulvous leaf-nosed bat	NE	EN	Hipposideridae
50	74.44	14.28	Honnavar	<i>Hipposideros speoris</i>	Schneider's leaf-nosed bat	NE	EN	Hipposideridae
51	74.44	14.28	Honnavar	<i>Elephas maximus</i>	Elephant	NE	VU	Elephantidae
52	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Lutra lutra</i>	Common Otter	NE	DD	Mustilidae
53	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Panthera tigris</i>	Tiger	NE	EN	Felidae
54	74.63	13.84	Sharavathi wildlife	<i>Pteromys oral</i>	Common Giant Flying Squirrel	NE	EN	Sciuridae

ANNEXURE II: Fauna of Uttara Kannada district

			Sanctuary					
55	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Tragulus meminna</i>	Indian Spotted Chevrotain or Mouse deer	NE	Lc	Tragulidae
56	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Mus rattus</i>	Common Indian Rat	NE	Lc	Muridae
57	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Axis axis</i>	Barking Deer	NE	EN	Cervidae
58	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Cervus unicolor</i>	Sambhar	NE	EN	Cervidae
59	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Sus scrofa cristatus</i>	Wild Boar	NE	EN	Suidae
60	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Canis aureus</i>	Indian Jackal	NE	EN	Canidae
61	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Herpestes javanicus</i>	Small Indian Mongoose	NE	EN	Herpestidae
62	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Lepus nigricollis</i>	Indian hare	NE	EN	Leporidae
63	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Macaca radiata</i>	Bonnet Macaque	NE	EN	Cercopithecidae
64	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Semnopithecus entellus</i>	Hanuman Langur	NE	EN	Cercopithecidae
65	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Hystrix indica</i>	Indian Porcupine	NE	EN	Hystricidae
66	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Funambulus palmarum</i>	Three striped Palm Squirrel	NE	EN	Sciuridae
67	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Vulpes bengalensis</i>	Indian Fox	NE	EN	Canidae
68	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Felis chaus</i>	Jungle Cat	NE	EN	Felidae
69	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Hyaena hyaena</i>	Striped Hyena	NE	EN	Hyaenidae
70	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Viverricula indica</i>	Small Indian civet	NE	EN	Viverridae
71	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Loris tardigradus</i>	Slow loris	NE	EN	Loridae
72	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Manis crassicaudata</i>	Indian pangolin	NE	EN	Manidae
73	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Bos gaurus</i>	The gaur	NE	VU	Bovidae
74	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Felis viverrina</i>	Fishing cat	NE	VU	Felidae
75	74.63	13.84	Sharavathi wildlife Sanctuary	<i>Panthera pardus</i>	Leopard	NE	VU	Felidae
76	74.63	13.84	Sharavathi wildlife	<i>Melursus ursinus</i>	Sloth Bear	NE	VU/N	Ursidae

ANNEXURE II: Fauna of Uttara Kannada district

			Sanctuary					
77	74.65	14.23	Gersoppa	<i>Hipposideros lankadiva</i>	Kelaart's leaf-nosed bat	NE	VU	Hipposideridae
78	74.68	14.35	Halsolli	<i>Bos gaurus</i>	The Gaur or Indian Bison	NE	VU	Bovidae
79	74.68	14.35	Halsolli	<i>Semnopithecus entellus</i>	Common Langur	NE	EN	Cercopithecidae
80	74.68	14.35	Halsolli	<i>Herpestes edwardsii</i>	Grey Mongoose	NE	EN	Herpestidae
81	74.68	14.35	Halsolli	<i>Herpestes javanicus</i>	Small Indian Mongoose	NE	EN	Herpestidae
82	74.68	14.35	Halsolli	<i>Funambulus palmarum</i>	Three Striped Palm Squirrel	NE	EN	Sciuridae
83	74.68	14.35	Halsolli	<i>Hystrix indica</i>	Indian Porcupine	NE	EN	Hystricidae
84	74.68	14.35	Halsolli	<i>Lepus nigricollis</i>	Black naped Hare	NE	EN	Leporidae
85	74.68	14.35	Halsolli	<i>Sus scrofa cristatus</i>	Wild boar	NE	EN	Suidae
86	74.68	14.35	Halsolli	<i>Cervus unicolor</i>	Sambar	NE	EN	Cervidae
87	74.68	14.35	Halsolli	<i>Viverricula indica</i>	Small Indian Civet	NE	EN	Viverridae
88	74.68	14.35	Halsolli	<i>Petaurista petaurista</i>	Common Giant Flying Squirrel	NE	EN	Sciuridae
89	74.68	14.35	Halsolli	<i>Manis crassicaudata</i>	Indian Pangolin	NE	EN	Manidae
90	74.68	14.35	Halsolli	<i>Tragulus meminna</i>	Indian Spotted chevrotain or Mouse Deer	NE	EN	Tragulidae
91	74.72	14.95	Potolli	<i>Hesperoptenus tickelli</i>	Tickelle's bat	NE	DD	Vespertilionidae
92	74.72	14.95	Yellapura	<i>Hesperoptenus tickelli</i>	Tickelle's bat	NE	DD	Vespertilionidae
93	74.72	14.95	Yellapura	<i>Taphozous saccolaimus</i>	Pouch bearing bat	NE	LC	Emballonuridae
94	74.72	14.95	Yellapura	<i>Rhinolophus rouxi</i>	Rufous horse-shoed bat	NE	LR-n	Rhinolophidae
95	74.72	14.95	Yellapura	<i>Elephas maximus</i>	Elephant	NE	VU	Elephantidae
96	74.72	14.95	Yellapura	<i>Elephas maximus</i>	Elephant	NE	VU	Elephantidae
97	74.74	14.27	Malemane	<i>Bos gaurus</i>	The Gaur or Indian Bison	NE	VU	Bovidae
98	74.74	14.27	Malemane	<i>Semnopithecus entellus</i>	Common Langur	NE	EN	Cercopithecidae
99	74.74	14.27	Malemane	<i>Herpestes edwardsii</i>	Grey Mongoose	NE	EN	Herpestidae
100	74.74	14.27	Malemane	<i>Herpestes javanicus</i>	Small Indian Mongoose	NE	EN	Herpestidae
101	74.74	14.27	Malemane	<i>Funambulus palmarum</i>	Three Striped Palm Squirrel	NE	EN	Sciuridae
102	74.74	14.27	Malemane	<i>Hystrix indica</i>	Indian Porcupine	NE	EN	Hystricidae
103	74.74	14.27	Malemane	<i>Lepus nigricollis</i>	Black naped Hare	NE	EN	Leporidae
104	74.74	14.27	Malemane	<i>Sus scrofa cristatus</i>	Wild boar	NE	EN	Suidae
105	74.74	14.27	Malemane	<i>Cervus unicolor</i>	Sambar	NE	EN	Cervidae
106	74.74	14.27	Malemane	<i>Viverricula indica</i>	Small Indian Civet	NE	EN	Viverridae
107	74.74	14.27	Malemane	<i>Petaurista petaurista</i>	Common Giant Flying Squirrel	NE	EN	Sciuridae
108	74.74	14.27	Malemane	<i>Manis crassicaudata</i>	Indian Pangolin	NE	EN	Manidae
109	74.74	14.27	Malemane	<i>Tragulus meminna</i>	Indian Spotted chevrotain or Mouse Deer	NE	EN	Tragulidae
110	74.75	14.28	Kathalekan	<i>Bos gaurus</i>	The Gaur or Indian Bison	NE	VU	Bovidae
111	74.75	14.28	Kathalekan	<i>Semnopithecus entellus</i>	Common Langur	NE	LC	Cercopithecidae
112	74.75	14.28	Kathalekan	<i>Herpestes edwardsii</i>	Grey Mongoose	NE	LC	Herpestidae
113	74.75	14.28	Kathalekan	<i>Herpestes javanicus</i>	Small Indian Mongoose	NE	LC	Herpestidae
114	74.75	14.28	Kathalekan	<i>Funambulus palmarum</i>	Three Striped Palm Squirrel	NE	LC	Sciuridae
115	74.75	14.28	Kathalekan	<i>Hystrix indica</i>	Indian Porcupine	NE	LC	Hystricidae
116	74.75	14.28	Kathalekan	<i>Lepus nigricollis</i>	Black naped Hare	NE	LC	Leporidae

ANNEXURE II: Fauna of Uttara Kannada district

117	74.75	14.28	Kathalekan	<i>Sus scrofa cristatus</i>	Wild boar	NE	LC	Suidae
118	74.75	14.28	Kathalekan	<i>Cervus unicolor</i>	Sambar	NE	LC	Cervidae
119	74.75	14.28	Kathalekan	<i>Viverricula indica</i>	Small Indian Civet	NE	LC	Viverridae
120	74.75	14.28	Kathalekan	<i>Petaurista petaurista</i>	Common Giant Flying Squirrel	NE	LC	Sciuridae
121	74.75	14.28	Kathalekan	<i>Tragulus meminna</i>	Indian Spotted chevrotain or Mouse Deer	NE	LC	Tragulidae
122	74.75	14.28	Kathalekan	<i>Manis crassicaudata</i>	Indian Pangolin	NE	LC	Manidae
123	74.77	14.70	Hulekal	<i>Hesperoptenus tickelli</i>	Tickelle's bat	NE	DD	Vespertilionidae
124	74.77	14.70	Hulekal	<i>Megaderma spasma</i>	Lesser false vampire	NE	LC	Megadermatidae
125	74.77	14.70	Hulekal	<i>Scotophilus heathi</i>	Asiatic greater yellow house bat	NE	LC	Vespertilionidae
126	74.77	14.70	Hulekal	<i>Rhinolophus rouxi</i>	Rufous horse-shoed bat	NE	LC	Rhinolophidae
127	74.77	14.70	Hulekal	<i>Tylonycteris pachypus</i>	Bamboo bat flat-headed bat	NE	LC	Vespertilionidae
128	74.77	15.32	Haliyal	<i>Elephas maximus</i>	Elephant	NE	VU	Elephantidae
129	74.79	14.27	Torme	<i>Bos gaurus</i>	The Gaur or Indian Bison	NE	VU	Bovidae
130	74.79	14.27	Mundigethagu	<i>Bos gaurus</i>	The Gaur or Indian Bison	NE	VU	Bovidae
131	74.79	14.27	Torme	<i>Semnopithecus entellus</i>	Common Langur	NE	LC	Cercopithecidae
132	74.79	14.27	Torme	<i>Herpestes edwardsii</i>	Grey Mongoose	NE	LC	Herpestidae
133	74.79	14.27	Torme	<i>Herpestes javanicus</i>	Small Indian Mongoose	NE	LC	Herpestidae
134	74.79	14.27	Torme	<i>Funambulus palmarum</i>	Three Striped Palm Squirrel	NE	LC	Sciuridae
135	74.79	14.27	Torme	<i>Hystrix indica</i>	Indian Porcupine	NE	LC	Hystricidae
136	74.79	14.27	Torme	<i>Lepus nigricollis</i>	Black naped Hare	NE	LC	Leporidae
137	74.79	14.27	Torme	<i>Sus scrofa cristatus</i>	Wild boar	NE	LC	Suidae
138	74.79	14.27	Torme	<i>Cervus unicolor</i>	Sambar	NE	LC	Cervidae
139	74.79	14.27	Mundigethagu	<i>Semnopithecus entellus</i>	Common Langur	NE	LC	Cercopithecidae
140	74.79	14.27	Mundigethagu	<i>Herpestes edwardsii</i>	Grey Mongoose	NE	LC	Herpestidae
141	74.79	14.27	Mundigethagu	<i>Herpestes javanicus</i>	Small Indian Mongoose	NE	LC	Herpestidae
142	74.79	14.27	Mundigethagu	<i>Funambulus palmarum</i>	Three Striped Palm Squirrel	NE	LC	Sciuridae
143	74.79	14.27	Mundigethagu	<i>Hystrix indica</i>	Indian Porcupine	NE	LC	Hystricidae
144	74.79	14.27	Mundigethagu	<i>Lepus nigricollis</i>	Black naped Hare	NE	LC	Leporidae
145	74.79	14.27	Mundigethagu	<i>Sus scrofa cristatus</i>	Wild boar	NE	LC	Suidae
146	74.79	14.27	Mundigethagu	<i>Cervus unicolor</i>	Sambar	NE	LC	Cervidae
147	74.79	14.27	Torme	<i>Viverricula indica</i>	Small Indian Civet	NE	LC	Viverridae
148	74.79	14.27	Torme	<i>Petaurista petaurista</i>	Common Giant Flying Squirrel	NE	LC	Sciuridae
149	74.79	14.27	Torme	<i>Manis crassicaudata</i>	Indian Pangolin	NE	LC	Manidae
150	74.79	14.27	Torme	<i>Tragulus meminna</i>	Indian Spotted chevrotain or Mouse Deer	NE	LC	Tragulidae
151	74.79	14.27	Mundigethagu	<i>Viverricula indica</i>	Small Indian Civet	NE	LC	Viverridae
152	74.79	14.27	Mundigethagu	<i>Petaurista petaurista</i>	Common Giant Flying Squirrel	NE	LC	Sciuridae
153	74.79	14.27	Mundigethagu	<i>Manis crassicaudata</i>	Indian Pangolin	NE	LC	Manidae
154	74.79	14.27	Mundigethagu	<i>Tragulus meminna</i>	Indian Spotted chevrotain or Mouse Deer	NE	LC	Tragulidae
155	74.80	14.22	Jogfall	<i>Megaderma hyra</i>	Greater false vampire	NE	LC	Megadermatidae
156	74.80	14.22	Jogfall	<i>Lepus nigricollis</i>	Black-naped Hare	NE	LC	Leporidae

ANNEXURE II: Fauna of Uttara Kannada district

157	74.80	14.22	Jogfall	<i>Taphozous melanopogon</i>	Black-bearded tomb bat	NE	LC	Emballonuridae
158	74.80	14.22	Jogfall	<i>Rhinolophus lepidus</i>	Blyth's horse-shoe bat	NE	LC	Rhinolophidae
159	74.80	14.22	Jogfall	<i>Bos gaurus</i>	Gaur	NE	VU	Bovidae
160	74.83	14.62	Sirsi	<i>Rhinolophus beddomei</i>	Lesser woolly horse-shoe Bat	NE	LC	Rhinolophidae
161	74.83	14.62	Sirsi	<i>Nesocia bandicoot</i>	Bandicoot rat	NE	LC	Muridae
162	74.83	14.62	Janmane	<i>Macaca radiata</i>	Bonnet Macaque	NE	LC	Cercopithecidae
163	74.83	14.62	Janmane	<i>Semnopithecus entellus</i>	Hanuman Langur	NE	LC	Cercopithecidae
164	74.83	14.62	Kyadagi	<i>Macaca radiata</i>	Bonnet Macaque	NE	LC	Cercopithecidae
165	74.83	14.62	Kyadagi	<i>Semnopithecus entellus</i>	Hanuman Langur	NE	LC	Cercopithecidae
166	74.83	14.62	Sirsi	<i>Taphozous longimanus</i>	Long winged tomb bat	NE	LC	Emballonuridae
167	74.83	14.62	Sirsi	<i>Megaderma lyra</i>	Greater false vampire	NE	LC	Megadermatidae
168	74.83	14.62	Sirsi	<i>Megaderma spasma</i>	Lesser false vampire	NE	LC	Megadermatidae
169	74.83	14.62	Sirsi	<i>Scotophilus heathi</i>	Asiatic greater yellow house bat	NE	LC	Vespertilionidae
170	74.83	14.62	Sirsi	<i>Pipistrellus ceylonicus</i>	Kelart's pipistrelle	NE	LC	Vespertilionidae
171	74.83	14.62	Sirsi	<i>Taphozous nudiventris</i>	Naked-rumped tomb bat	NE	LC	Emballonuridae
172	74.83	14.62	Sirsi	<i>Tylonycteris pachypus</i>	Bamboo bat or Flat-headed bat	NE	LC	Vespertilionidae
173	74.83	14.62	Sirsi	<i>Rhinolophus rouxi</i>	Rufous horse-shoed bat	NE	LC	Rhinolophidae
174	74.83	14.62	Malg. Sirsi	<i>Taphozous saccolaimus</i>	Pouch bearing bat	NE	NT	Emballonuridae
175	74.90	14.33	Siddapur	<i>Sus barbatus</i>	Pig	NE	LC	Suidae
176	74.90	14.33	Siddapur	<i>Axis axis</i>	Barking Deer	NE	LC	Cervidae
177	74.90	14.33	Siddapur	<i>Lepus nigricollis</i>	Black naped hare	NE	LC	Leporidae
178	74.90	14.33	Siddapur	<i>Macaca radiata</i>	Bonnet Macaque	NE	LC	Cercopithecidae
179	74.90	14.33	Siddapur	<i>Semnopithecus entellus</i>	Hanuman Langur	NE	LC	Cercopithecidae
180	74.90	14.33	Siddapur	<i>Hystrix indica</i>	Porcupine	NE	LC	Hystriidae
181	74.90	14.33	Siddapur	<i>Moschiola indica</i>	Mouse Deer	NE	VU	Tragulidae
182	75.00	15.45	Devikoppa	<i>Megaderma lyra</i>	Greater false vampire	NE	LC	Megadermatidae
183	75.00	15.45	Devikoppa	<i>Pteropus giganteus</i>	Indian flying fox	NE	LC	Pteropodidae

Birds – Endemic

S.no	Longitude	Latitude	Location	Scientific name	Common_name	E / NE	IUCN status	Family
1	74.30	14.65	Ankola	<i>Falco peregrinus peregrinator</i>	Shaheen falcon	E	VU	Falconidae
2	74.30	14.65	Ankola	<i>Falco peregrinus peregrinator</i>	Shaheen falcon	E	VU	Falconidae
3	74.37	15.00	Anishi ghat	<i>Garrulax delesserti</i>	Wynaad laughing thrush	E	LC	Muscicapidae
4	74.37	15.00	Anishi ghat	<i>Buceros bicornis</i>	Greater indian hornbill	E	NT	Bucerotidae
5	74.43	14.85	Kaiga	<i>Aethopyga siparaja</i>	Yellowbacked Sunbird	E	LC	Nectariniidae
6	74.43	14.85	Kaiga	<i>Batrachostomus moniliger</i>	Ceylon Frogmoth	E	LC	Podargidae
7	74.43	14.85	Kaiga	<i>Dendrocitta leucogastra</i>	Southern Treepie	E	LC	Corvidae
8	74.43	14.85	Kaiga	<i>Galerida malabarica</i>	Malabar Lark	E	LC	Alaudidae
9	74.43	14.85	Kaiga	<i>Pycnonotus melanicterus</i>	BlackCrested Bulbul	E	LC	Pycnonotidae

ANNEXURE II: Fauna of Uttara Kannada district

10	74.43	14.85	Kaiga	<i>Pycnonotus melanicterus</i>	Ruby throated Yellow Bulbul	E	LC	Pycnonotidae
11	74.43	14.85	Kaiga	<i>Sturnus malabaricus</i>	Grey Headed Myna	E	LC	Sturnidae
12	74.43	14.85	Kaiga	<i>Buceros bicornis</i>	Great Hornbill	E	NT	Bucerotidae
13	74.43	14.85	Kaiga	<i>Pycnonotus priocephalus</i>	Greyheaded bulbul	E	NT	Pycnonotidae
14	74.63	15.15	Nagzhari	<i>Psittacula columbidae</i>	Blue winged parakeet	E	LC	Pssitacidae
15	74.63	15.15	Nagzhari	<i>Treron bicincta</i>	Orange breasted green pigeon	E	LC	Columbridae
16	74.63	15.15	Nagzhari	<i>Zoothera dauma</i>	Nigiri thrush	E	LC	Turdinae
17	74.64	13.80	Nagur	<i>Pycnonotus melanicterus</i>	Rubythroated bulbul	E	LC	Pycnonotidae
18	74.66	15.17	Kulgi	<i>Psittacula columbidae</i>	Blue winged parakeet	E	LC	Pssitacidae
19	74.66	15.17	Kulgi	<i>Treron bicincta</i>	Orange breasted green pigeon	E	LC	Columbridae
20	74.66	15.17	Kulgi	<i>Zoothera dauma</i>	Nigiri thrush	E	LC	Turdinae
21	74.68	14.35	Halsolli	<i>Garrulax delesserti</i>	Wynaad Laughing Thrush	E	LC	Muscicapidae
22	74.68	14.35	Halsolli	<i>Psittacula columboides</i>	Blue-winged parakeet	E	LC	Pssitacidae
23	74.68	14.35	Halsolli	<i>Pycnonotus melanicterus gularis</i>	Rubythroated bulbul	E	LC	Pycnonotidae
24	74.68	14.35	Halsolli	<i>Buceros bicornis</i>	Great Pied Hornbill	E	NT	Bucerotidae
25	74.68	14.35	Halsolli	<i>Pycnonotus priocephalus Jerdon</i>	Grey headed bulbul	E	NT	Pycnonotidae
26	74.68	14.37	Doddamane ghat	<i>Buceros bicornis</i>	Greater indian hornbill	E	NT	Bucerotidae
27	74.74	14.27	Malemane	<i>Garrulax delesserti</i>	Wynaad Laughing Thrush	E	LC	Muscicapidae
28	74.74	14.27	Malemane	<i>Psittacula columboides</i>	Blue-winged parakeet	E	LC	Pssitacidae
29	74.74	14.27	Malemane	<i>Pycnonotus melanicterus gularis</i>	Rubythroated bulbul'	E	LC	Pycnonotidae
30	74.74	14.27	Malemane	<i>Buceros bicornis</i>	Great Pied Hornbill	E	NT	Bucerotidae
31	74.74	14.27	Malemane	<i>Pycnonotus priocephalus Jerdon</i>	Grey headed bulbul	E	NT	Pycnonotidae
32	74.75	14.85	Magod falls	<i>Psittacula eupatria</i>	Large indian parakeet	E	LC	Pssitacidae
33	74.75	14.85	Magod	<i>Buceros bicornis</i>	Greater indian hornbill	E	NT	Bucerotidae
34	74.75	14.40	Lushington falls	<i>Falco peregrinus peregrinator</i>	Shaheen falcon	E	VU	Falconidae
35	74.75	14.28	Kathalekan	<i>Garrulax delesserti</i>	Wynaad Laughing Thrush	E	LC	Muscicapidae
36	74.75	14.28	Kathalekan	<i>Psittacula columboides</i>	Blue-winged parakeet	E	LC	Pssitacidae
37	74.75	14.28	Kathalekan	<i>Pycnonotus melanicterus gularis</i>	Rubythroated bulbul'	E	LC	Pycnonotidae
38	74.75	14.28	Kathalekan	<i>Buceros bicornis</i>	Great Pied Hornbill	E	NT	Bucerotidae
39	74.75	14.28	Kathalekan	<i>Pycnonotus priocephalus Jerdon</i>	Grey headed bulbul	E	NT	Pycnonotidae
40	74.77	14.42	Dandeli wildlife sanctuary	<i>Batrachostomus moniliger</i>	Ceylon frogmouth	E	LC	Podargidae
41	74.77	14.42	Dandeli wildlife sanctuary	<i>Hieraetus kinnarii</i>	Roufousbellied hawk eagle	E	LC	Accipitridae
42	74.77	14.42	Dandeli wildlife sanctuary	<i>Ictinaetus malayensis</i>	Black eagle	E	LC	Accipitridae
43	74.77	14.42	Dandeli wildlife sanctuary	<i>Musicapa pallipes</i>	White bellied blue flycatcher	E	LC	Muscicapidae
44	74.77	14.42	Dandeli wildlife sanctuary	<i>Picus myrmecophoneus</i>	Rare woodpecker	E	LC	Picidae
45	74.77	14.42	Dandeli wildlife sanctuary	<i>Psittacula columbidae</i>	Blue winged parakeet	E	LC	Pssitacidae
46	74.77	14.42	Dandeli wildlife	<i>Buceros bicornis</i>	Greater indian hornbill	E	NT	Bucerotidae

ANNEXURE II: Fauna of Uttara Kannada district

			sanctuary					
47	74.77	14.42	Dandeli wildlife sanctuary	<i>Pycnonotus pyrocephalus</i>	Greyheaded bulbul	E	NT	Pycnonotidae
48	74.77	14.28	Malemaneghat	<i>Buceros bicornis</i>	Greater indian hornbill	E	NT	Bucerotidae
49	74.78	14.72	Sonda	<i>Columba elphinstonii</i>	Nigiri wood pigeon	E	EN	Columbridae
50	74.78	15.03	Kolikeri	<i>Picus myrmecophoneus</i>	Little scalybellied green woodpecker	E	LC	Picidae
51	74.78	14.72	Sonda	<i>Muscapa pallipes</i>	White bellied blue flycatcher	E	LC	Muscicapidae
52	74.78	14.72	Sonda	<i>Pycnonotus melanicterus</i>	Rubythroated bulbul	E	LC	Pycnonotidae
53	74.79	14.27	Torme	<i>Garrulax delesserti</i>	Wynaad Laughing Thrush	E	LC	Muscicapidae
54	74.79	14.27	Torme	<i>Psittacula columboides</i>	Blue-winged parakeet	E	LC	Pssitacidae
55	74.79	14.27	Torme	<i>Pycnonotus melanicterus gularis</i>	Rubythroated bulbul'	E	LC	Pycnonotidae
56	74.79	14.27	Mundigethagu	<i>Garrulax delesserti</i>	Wynaad Laughing Thrush	E	LC	Muscicapidae
57	74.79	14.27	Mundigethagu	<i>Psittacula columboides</i>	Blue-winged parakeet	E	LC	Pssitacidae
58	74.79	14.27	Mundigethagu	<i>Pycnonotus melanicterus gularis</i>	Rubythroated bulbul'	E	LC	Pycnonotidae
59	74.79	14.27	Torme	<i>Buceros bicornis</i>	Great Pied Hornbill	E	NT	Bucerotidae
60	74.79	14.27	Torme	<i>Pycnonotus priocephalus Jerdon</i>	Grey headed bulbul	E	NT	Pycnonotidae
61	74.79	14.27	Mundigethagu	<i>Buceros bicornis</i>	Great Pied Hornbill	E	NT	Bucerotidae
62	74.79	14.27	Mundigethagu	<i>Pycnonotus priocephalus Jerdon</i>	Grey headed bulbul	E	NT	Pycnonotidae
63	74.80	14.22	Jogfalls	<i>Falco peregrinus peregrinator</i>	Shaheen falcon	E	VU	Falconidae
64	74.83	14.62	Sirsi	<i>Falco peregrinus peregrinator</i>	Shaheen falcon	E	VU	Falconidae
65	74.92	14.57	Bidralli	<i>Pycnonotus melanicterus</i>	Rubythroated bulbul	E	LC	Pycnonotidae

Birds – Non Endemic

S.no	Longitude	Latitude	Location	Scientific name	Common name	E / NE	IUCN status	Family
1	74.38	14.53	Aghnashini	<i>Anas acuta</i>	Pintails	NE	LC	Anatidae
2	74.38	14.53	Aghnashini	<i>Anas querquedula</i>	Bluewinged teal	NE	LC	Anatidae
3	74.38	14.53	Aghnashini	<i>Aythya nyroca</i>	White eyed pochard	NE	NT	Anatidae
4	74.57	13.08	Bengre	<i>Gyps bengalensis</i>	White backed Vulture	NE	CR	Accipitridae
5	74.57	13.08	Bengre	<i>Accipiter badius</i>	Shikra	NE	LC	Accipitridae
6	74.57	13.08	Bengre	<i>Acrocephalus dumetorum</i>	Blyth reed warbler	NE	LC	Muscicapidae
7	74.57	13.08	Bengre	<i>Anthus hodgsoni</i>	Tree pipit	NE	LC	Motacillidae
8	74.57	13.08	Bengre	<i>Zoonavena sylvatica</i>	White rumped spine tailed swift	NE	LC	Apopidae
9	74.57	13.08	Bengre	<i>Chloropsis aurifrons</i>	Gold fronted chloropsis	NE	LC	Chloropsidae
10	74.57	13.08	Bengre	<i>Copsychus saularis</i>	Magpie robin	NE	LC	Muscicapidae
11	74.57	13.08	Bengre	<i>Corvus macrorhynchos</i>	Jungle crow	NE	LC	Corvidae
12	74.57	13.08	Bengre	<i>Cypsiurus parvus</i>	Palm swift	NE	LC	Apopidae
13	74.57	13.08	Bengre	<i>Delicon urbicum</i>	House martin	NE	LC	Hirundinidae
14	74.57	13.08	Bengre	<i>Dicaeum concolor</i>	Nilgiri flower pecker	NE	LC	Dicaeidae
15	74.57	13.08	Bengre	<i>Dicrurus caerueus</i>	White bellied drongo	NE	LC	Dicruridae

ANNEXURE II: Fauna of Uttara Kannada district

16	74.57	13.08	Bengre	<i>Hemiprocne longipennis</i>	Crested tree swift	NE	LC	Apopidae
17	74.57	13.08	Bengre	<i>Loriculus vernalis</i>	Loriqet	NE	LC	Pssitacidae
18	74.57	13.08	Bengre	<i>Megalaima haemocephala</i>	Large green barbet	NE	LC	Capitonidae
19	74.57	13.08	Bengre	<i>Nectarinia asiatica</i>	Purple sunbird	NE	LC	Nectariniidae
20	74.57	13.08	Bengre	<i>Oriolus oriolus</i>	Golden oriole	NE	LC	Oriolidae
21	74.57	13.08	Bengre	<i>Orthotomus sutorius</i>	Tailor bird	NE	LC	Muscicapidae
22	74.57	13.08	Bengre	<i>Petronia xanthocollus</i>	Small minivet	NE	LC	Campephagidae
23	74.57	13.08	Bengre	<i>Petronia xanthocollus</i>	Yellow throated sparrow	NE	LC	Ploceidae
24	74.57	13.08	Bengre	<i>Phylloscopus trochiloides</i>	Greenish leaf warbler	NE	LC	Muscicapidae
25	74.57	13.08	Bengre	<i>Picoides nanus</i>	Pigmy woodpecker	NE	LC	Picidae
26	74.57	13.08	Bengre	<i>Psittacula cyanocephala</i>	Blossom Headed Parakeet	NE	LC	Pssitacidae
27	74.57	13.08	Bengre	<i>Pycnonotus jacosus</i>	Red whiskered bulbul	NE	LC	Pycnonotidae
28	74.57	13.08	Bengre	<i>Ocyrceros griseus</i>	Malabar Grey hornbill	NE	LC	Bucerotidae
29	74.53	14.57	Kumta_betel nut plantation	<i>Alcedo meningting</i>	Blue eared kingfisher	NE	LC	Alcedenidae
30	74.53	14.57	Kumta_betel nut plantation	<i>Arachnothera longirostris</i>	Little spider hunter	NE	LC	Nectariniidae
31	74.53	14.57	Kumta_betel nut plantation	<i>Ceyx erithacus</i>	Three toed kingfisher	NE	LC	Alcedenidae
32	74.53	14.57	Kumta_betel nut plantation	<i>Myophonus horsfieldii</i>	Malabar whistling thrush	NE	LC	Turdinae
33	74.92	14.57	Bidralli	<i>Acrocephalus dumetorum</i>	Blyth reed warbler	NE	LC	Muscicapidae
34	74.92	14.57	Bidralli	<i>Zoonavena sylvatica</i>	White rumped spine tailed swift	NE	LC	Apopidae
35	74.92	14.57	Bidralli	<i>Copsychus Malabaricus</i>	Malabar shama	NE	LC	Muscicapidae
36	74.92	14.57	Bidralli	<i>Dicaeum concolor</i>	Nigiri Flower Woodpecker	NE	LC	Dicaeidae
37	74.92	14.57	Bidralli	<i>Dicrurus aeneus</i>	Bronzed drongo	NE	LC	Dicruridae
38	74.92	14.57	Bidralli	<i>Dicrurus leucophaeus</i>	Grey dongo	NE	LC	Dicruridae
39	74.92	14.57	Bidralli	<i>Dinopium javanense</i>	Golden backed three toad woodpecker	NE	LC	Picidae
40	74.92	14.57	Bidralli	<i>Hemiprocne longipennis</i>	Crested tree swift	NE	LC	Apopidae
41	74.92	14.57	Bidralli	<i>Acritillas indica</i>	Yellow browned bulbul	NE	LC	Pycnonotidae
42	74.92	14.57	Bidralli	<i>Lonchura striata</i>	White backed munia	NE	LC	Ploceidae
43	74.92	14.57	Bidralli	<i>Loriculus vernalis</i>	Loriqet	NE	LC	Pssitacidae
44	74.92	14.57	Bidralli	<i>Megalaima zeylanica</i>	Large green barbet	NE	LC	Capitonidae
45	74.92	14.57	Bidralli	<i>Muscicapa dauurica</i>	Brown Flycatcher	NE	LC	Muscicapidae
46	74.92	14.57	Bidralli	<i>Nectarinia zeylonica</i>	Purple rumped sunbird	NE	LC	Nectariniidae
47	74.92	14.57	Bidralli	<i>Pericrocotus flammeus</i>	Orange minivet	NE	LC	Campephagidae
48	74.92	14.57	Bidralli	<i>Iduna aedon</i>	Thick billed warbler	NE	LC	Muscicapidae
49	74.92	14.57	Bidralli	<i>Phylloscopus trochiloides</i>	Greenish leaf warbler	NE	LC	Muscicapidae
50	74.92	14.57	Bidralli	<i>Dendrocopos nanus</i>	Brown crowned pygmy Woodpecker	NE	LC	Picidae
51	74.92	14.57	Bidralli	<i>Pericrocotus flammeus</i>	Blossom Headed Parakeet	NE	LC	Pssitacidae
52	74.92	14.57	Bidralli	<i>Sitta frontalis</i>	Velvet fronted nuthatch	NE	LC	Sittidae
53	74.92	14.57	Bidralli	<i>Treron pompadora</i>	Grey Frontedpigeon	NE	LC	Columbridae

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54	74.77	14.42	Dandeli wildlife sanctuary	<i>Gyps indicus</i>	Indian Longbilled Vulture	NE	CR	Accipitridae
55	74.77	14.42	Dandeli wildlife sanctuary	<i>Acridotheres tristis</i>	Common myna	NE	LC	Sturnidae
56	74.77	14.42	Dandeli wildlife sanctuary	<i>Anas poecilorhyncha</i>	Resident spotbill duck	NE	LC	Anatidae
57	74.77	14.42	Dandeli wildlife sanctuary	<i>Aquila rapax</i>	Tawny eagle	NE	LC	Accipitridae
58	74.77	14.42	Dandeli wildlife sanctuary	<i>Bubulcus ibis</i>	Cattle egret	NE	LC	Ardeidae
59	74.77	14.42	Dandeli wildlife sanctuary	<i>Copsychus Malabaricus</i>	Malabar shama	NE	LC	Turdinae
60	74.77	14.42	Dandeli wildlife sanctuary	<i>Copsychus saularis</i>	Magpie robin	NE	LC	Muscicapidae
61	74.77	14.42	Dandeli wildlife sanctuary	<i>Corvus macrorhynchos</i>	Jungle crow	NE	LC	Corvidae
62	74.77	14.42	Dandeli wildlife sanctuary	<i>Corvus spp.</i>	Crows	NE	LC	Corvidae
63	74.77	14.42	Dandeli wildlife sanctuary	<i>Dacula badius</i>	Jerdons imperial pigeon	NE	LC	Columbridae
64	74.77	14.42	Dandeli wildlife sanctuary	<i>Dicrurus paradiseus</i>	Racket-tailed drongo	NE	LC	Dicruridae
65	74.77	14.42	Dandeli wildlife sanctuary	<i>Dromas ardeola</i>	Crab plover	NE	LC	Dromadidae
66	74.77	14.42	Dandeli wildlife sanctuary	<i>Egretta garzetta</i>	Little egret	NE	LC	Ardeidae
67	74.77	14.42	Dandeli wildlife sanctuary	<i>Egretta intermedia</i>	Smaller egret	NE	LC	Ardeidae
68	74.77	14.42	Dandeli wildlife sanctuary	<i>Emberiza bruniceps</i>	bunting	NE	LC	Emberizidae
69	74.77	14.42	Dandeli wildlife sanctuary	<i>Emberiza melanocephala</i>	Black headed bunting	NE	LC	Emberizidae
70	74.77	14.42	Dandeli wildlife sanctuary	<i>Francolinus pictus</i>	Painted partridge	NE	LC	Phasianidae
71	74.77	14.42	Dandeli wildlife sanctuary	<i>Gorsachius melanolophus</i>	Malay bittern rare	NE	LC	Rallidae
72	74.77	14.42	Dandeli wildlife sanctuary	<i>Hydrophasianus chirurgus</i>	Pheasant tailed jacanas	NE	LC	Jacanidae
73	74.77	14.42	Dandeli wildlife sanctuary	<i>Acritillas indica</i>	Yellow browned bulbul	NE	LC	Pycnonotidae
74	74.77	14.42	Dandeli wildlife sanctuary	<i>Hypsipetes Leucocephalus</i>	Black bulbul	NE	LC	Pycnonotidae
75	74.77	14.42	Dandeli wildlife sanctuary	<i>Irena puella</i>	Fairy bluebird	NE	LC	Irenidae
76	74.77	14.42	Dandeli wildlife sanctuary	<i>Lonchura kelaarti</i>	Roufousbellied munia	NE	LC	Fringilidae

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77	74.77	14.42	Dandeli wildlife sanctuary	<i>Megalaima rubricapillus</i>	Crimsonthroated barbet	NE	LC	Capitonidae
78	74.77	14.42	Dandeli wildlife sanctuary	<i>Megalaima spp.</i>	Barbets	NE	LC	Capitonidae
79	74.77	14.42	Dandeli wildlife sanctuary	<i>Mivus m.lineatus</i>	Large Indian Kite	NE	LC	Accipitridae
80	74.77	14.42	Dandeli wildlife sanctuary	<i>Orthotomus sutorius</i>	Tailor bird	NE	LC	Syllvidae
81	74.77	14.42	Dandeli wildlife sanctuary	<i>Pelargopsis capensis</i>	Storkbilled Kingfisher	NE	LC	Alcedenidae
82	74.77	14.42	Dandeli wildlife sanctuary	<i>Pericrocotus flammeus</i>	Orange minivet	NE	LC	Campephagidae
83	74.77	14.42	Dandeli wildlife sanctuary	<i>Psittacula spp.</i>	Parakeets	NE	LC	Pssitacidae
84	74.77	14.42	Dandeli wildlife sanctuary	<i>Pycnonotus cafer</i>	Redvented bulbul	NE	LC	Pycnonotidae
85	74.77	14.42	Dandeli wildlife sanctuary	<i>Terpsiphone paradisi</i>	Paradise flycatcher	NE	LC	Muscicapidae
86	74.77	14.42	Dandeli wildlife sanctuary	<i>Ocyrceros birostris</i>	Common greyhornbill	NE	LC	Bucerotidae
87	74.77	14.42	Dandeli wildlife sanctuary	<i>Treron spp.</i>	Green pigeon	NE	LC	Columbridae
88	74.77	14.42	Dandeli wildlife sanctuary	<i>Anthracoceros coronatus</i>	Malabarpied hornbill	NE	NT	Bucerotidae
89	74.77	14.42	Dandeli wildlife sanctuary	<i>Anthracoceros coronatus</i>	Malabarpied hornbill	NE	NT	Bucerotidae
90	74.77	14.42	Dandeli wildlife sanctuary	<i>Anthracoceros malabaricus</i>	Pied hornbill	NE	NT	Bucerotidae
91	74.75	15.35	Doddukere	<i>Vanellus cinereus</i>	Grey headed lapwing	NE	LC	Charadriidae
92	74.77	15.32	Haliyal	<i>Vanellus cinereus</i>	Grey headed lapwing	NE	LC	Charadriidae
93	74.77	15.32	Haliyal	<i>Vanellus indicus</i>	Red Wattled Lapwing	NE	LC	Charadriidae
94	74.68	14.35	Halsolli	<i>Aegithina tiphia</i>	Iora	NE	LC	Irenidae
95	74.68	14.35	Halsolli	<i>Bubo bengalensis</i>	Indian Great Horned Owl	NE	LC	Strigidae
96	74.68	14.35	Halsolli	<i>Centropus sinensis</i>	Crow Pheasant	NE	LC	Cuculidae
97	74.68	14.35	Halsolli	<i>Chalcophaps indica</i>	Emerald Dove	NE	LC	Columbidae
98	74.68	14.35	Halsolli	<i>Chloropsis cochinchinensis</i>	Goldmantled chloropsis	NE	LC	Irenidae
99	74.68	14.35	Halsolli	<i>Corvus splendens</i>	House Crow	NE	LC	Corvidae
100	74.68	14.35	Halsolli	<i>Cuculus canorus</i>	Cuckoo	NE	LC	Cuculidae
101	74.68	14.35	Halsolli	<i>Dacula aenea</i>	Green Imperial Pigeon	NE	LC	Columbidae
102	74.68	14.35	Halsolli	<i>Dendrocitta vagabunda</i>	Tree pie	NE	LC	Corvidae
103	74.68	14.35	Halsolli	<i>Dicrurus paradiseus</i>	Racket-tailed drongo	NE	LC	Dicruridae
104	74.68	14.35	Halsolli	<i>Dinopium javanense</i>	Indian Goldenbacked three toed woodpecker	NE	LC	Picidae
105	74.68	14.35	Halsolli	<i>Dryocopus javensis</i>	Great black woodpecker	NE	LC	Picidae

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106	74.68	14.35	Halsolli	<i>Eudynamys scolopacea</i>	Koel	NE	LC	Cuculidae
107	74.68	14.35	Halsolli	<i>Gallus sonneratii</i>	Grey Jungle Fowl	NE	LC	Phasianidae
108	74.68	14.35	Halsolli	<i>Gracula religiosa</i>	Hill Myna	NE	LC	Sturnidae
109	74.68	14.35	Halsolli	<i>Hemicircus canente</i>	Heart Spotted Woodpecker	NE	LC	Picidae
110	74.68	14.35	Halsolli	<i>Hirundo rustica</i>	Swallow	NE	LC	Hirudinidae
111	74.68	14.35	Halsolli	<i>Irena puella</i>	Fairy Blue bird	NE	LC	Irenidae
112	74.68	14.35	Halsolli	<i>Loriculus vernalis</i>	Lorikeet	NE	LC	Pssitacidae
113	74.68	14.35	Halsolli	<i>Megalaima viridis</i>	Small Green Barbet	NE	LC	Capitonidae
114	74.68	14.35	Halsolli	<i>Megalaima zeylanica</i>	Large Green Barbet	NE	LC	Capitonidae
115	74.68	14.35	Halsolli	<i>Merops orientalis</i>	Small Green Beater	NE	LC	Meropidae
116	74.68	14.35	Halsolli	<i>Muscicapa ruficauda Swainson</i>	Redbreasted flycatcher	NE	LC	Muscicapidae
117	74.68	14.35	Halsolli	<i>Myiophonus horsfieldii</i>	Malabar Whistling Thrush	NE	LC	Muscicapidae
118	74.68	14.35	Halsolli	<i>Oriolus oriolus</i>	Golden oriole	NE	LC	Oriolidae
119	74.68	14.35	Halsolli	<i>Pavo cristatus</i>	Common Peafowl	NE	LC	Phasianidae
120	74.68	14.35	Halsolli	<i>Psittacula cyanocephala</i>	Blossom Headed parakeet	NE	LC	Pssitacidae
121	74.68	14.35	Halsolli	<i>Pycnonotus cafer L.,</i>	Redvented bulbul	NE	LC	Pycnonotidae
122	74.68	14.35	Halsolli	<i>Spilornis cheela</i>	Crested Serpent eagle	NE	LC	Accipitridae
123	74.68	14.35	Halsolli	<i>Taccocua leschenaultii</i>	Sirkeer Cuckoo	NE	LC	Cuculidae
124	74.68	14.35	Halsolli	<i>Terpsiphone paradisi</i>	Paradise Flycatcher	NE	LC	Muscicapidae
125	74.68	14.35	Halsolli	<i>Treron pompadora(Gmelin)</i>	Grey Fronted Green Pigeon	NE	LC	Columbidae
126	74.68	14.35	Halsolli	<i>Treron pompadora(Jerdon)</i>	Orange Breated Green Pigeon	NE	LC	Columbidae
127	74.68	14.35	Halsolli	<i>Turdoides striatus</i>	Jungle babbler	NE	LC	Muscicapidae
128	74.68	14.35	Halsolli	<i>Turdoides subrufus</i>	Rofous babbler	NE	LC	Muscicapidae
129	74.68	14.35	Halsolli	<i>Upupa epops</i>	Hoopoe	NE	LC	Upupidae
130	74.68	14.35	Halsolli	<i>Rhopocichla atriceps</i>	Blackheaded babbler	NE	LC	Muscicapidae
131	74.68	14.35	Halsolli	<i>Anthracoseros malabaricus</i>	Malabar Pied Hornbill	NE	NT	Bucerotidae
132	74.68	14.35	Halsolli	<i>Alcedo atthis</i>	Small Blue Kingfisher	NE	NE	Alcedinidae
133	74.68	14.35	Halsolli	<i>Bubo nipalensis</i>	Forest Eagle Owl	NE	NE	Strigidae
134	74.68	14.35	Halsolli	<i>Hypsipetes indicus</i>	Yellow browned bulbul	NE	NE	Pycnonotidae
135	74.68	14.35	Halsolli	<i>Megalaima rubicapilla</i>	Crimson Throated Barbet	NE	NE	Capitonidae
136	74.68	14.35	Halsolli	<i>Monticola solitarius</i>	Blue-rock Thrush	NE	NE	Muscicapidae
137	74.68	14.35	Halsolli	<i>Muscicapa thalassina</i>	Verditor Flycatcher	NE	NE	Muscicapidae
138	74.68	14.35	Halsolli	<i>Pericrocotus roseus</i>	Scarlet minivet	NE	NE	Campephagidae
139	74.68	14.35	Halsolli	<i>Tockus griseus</i>	Malabar Grey Hornbill	NE	NE	Bucerotidae
140	74.49	14.37	Kadatoka	<i>Accipiter badius</i>	Sikhra	NE	LC	Accipitridae
141	74.49	14.37	Kadatoka	<i>Acridotheres tristis</i>	Common Myna	NE	LC	Sturnidae
142	74.49	14.37	Kadatoka	<i>Alcedo atthis</i>	Small Blue Kingfisher	NE	LC	Alcedinidae
143	74.49	14.37	Kadatoka	<i>Amauromis phoenicurus</i>	White Breasted Waterhen	NE	LC	Rallidae
144	74.49	14.37	Kadatoka	<i>Ardeola grayii</i>	Indian Pond Heron	NE	LC	Ardeidae
145	74.49	14.37	Kadatoka	<i>Asio flammeus</i>	Short eared owl	NE	LC	Strigidae
146	74.49	14.37	Kadatoka	<i>Athene brama</i>	Spotted owlet	NE	LC	Strigidae

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147	74.49	14.37	Kadatoka	<i>Bubo bengalensis</i>	Eurasian Eagle Owl	NE	LC	Tytonidae
148	74.49	14.37	Kadatoka	<i>Bubulcus ibis</i>	Cattle Egret	NE	LC	Ardeidae
149	74.49	14.37	Kadatoka	<i>Butorides striatus</i>	Little Green Heron	NE	LC	Ardeidae
150	74.49	14.37	Kadatoka	<i>Casmerodius albus</i>	Large Egret	NE	LC	Ardeidae
151	74.49	14.37	Kadatoka	<i>Celeus brachyurus</i>	Rofous Woodpecker	NE	LC	Picidae
152	74.49	14.37	Kadatoka	<i>Centropus sinensis</i>	Great caucal	NE	LC	Cuculidae
153	74.49	14.37	Kadatoka	<i>Columba livia</i>	Blue Rock Pigeon	NE	LC	Columbidae
154	74.49	14.37	Kadatoka	<i>Copsychus saularis</i>	Oriental Magpie Robin	NE	LC	Muscicapidae
155	74.49	14.37	Kadatoka	<i>Corvus macrorhynchos</i>	Jungle Crow	NE	LC	Corvidae
156	74.49	14.37	Kadatoka	<i>Corvus splendens</i>	House Crow	NE	LC	Corvidae
157	74.49	14.37	Kadatoka	<i>Coturnix coturnix</i>	Common quail	NE	LC	Phasianidae
158	74.49	14.37	Kadatoka	<i>Dendrocitta vagabunda</i>	Indian Treepie	NE	LC	Corvidae
159	74.49	14.37	Kadatoka	<i>Dicrurus macrocerus</i>	Black Drongo	NE	LC	Dicruridae
160	74.49	14.37	Kadatoka	<i>Dinopium benghalense</i>	Lesser Golden-backed Woodpecker	NE	LC	Picidae
161	74.49	14.37	Kadatoka	<i>Egretta garzetta</i>	Little Egret	NE	LC	Ardeidae
162	74.49	14.37	Kadatoka	<i>Eudynamis scolopacea</i>	Asian koel	NE	LC	Cuculidae
163	74.49	14.37	Kadatoka	<i>Halcyon capensis</i>	Stork billed Kingfisher	NE	LC	Alcedinidae
164	74.49	14.37	Kadatoka	<i>Halcyon smyrnensis</i>	White breasted Kingfisher	NE	LC	Alcedinidae
165	74.49	14.37	Kadatoka	<i>Merops orientalis</i>	Small Bee Eater	NE	LC	Meropidae
166	74.49	14.37	Kadatoka	<i>Nectarinia asiatica</i>	Purple Sunbird	NE	LC	Nectarinidae
167	74.49	14.37	Kadatoka	<i>Nectarinia lotenia</i>	Loten's Sunbird	NE	LC	Nectarinidae
168	74.49	14.37	Kadatoka	<i>Nectarinia zeylonica</i>	Purple Rumped Sunbird	NE	LC	Nectarinidae
169	74.49	14.37	Kadatoka	<i>Oriolus oriolus</i>	Golden Oriole	NE	LC	Orioidae
170	74.49	14.37	Kadatoka	<i>Orthotomus sutorius</i>	Common Tailor Bird	NE	LC	Muscicapidae
171	74.49	14.37	Kadatoka	<i>Passer domesticus</i>	House Sparrow	NE	LC	Passeridae
172	74.49	14.37	Kadatoka	<i>Pavo cristatus</i>	Indian Pea fowl	NE	LC	Phasianidae
173	74.49	14.37	Kadatoka	<i>Pitta brachyura</i>	Indian Pitta	NE	LC	Pittidae
174	74.49	14.37	Kadatoka	<i>Psittacula krameri</i>	Rose Ringed Parakeet	NE	LC	Pssitacidae
175	74.49	14.37	Kadatoka	<i>Pycnonotus jacosus</i>	Red Whiskered Bulbul	NE	LC	Pycnonotidae
176	74.49	14.37	Kadatoka	<i>Rhipidura aureola</i>	White Browed Fintail Flycatcher	NE	LC	Muscicapidae
177	74.49	14.37	Kadatoka	<i>Spilornis cheela</i>	Crested Serpent Eagle	NE	LC	Accipitridae
178	74.49	14.37	Kadatoka	<i>Streptopelia chinensis</i>	Spotted Dove	NE	LC	Columbidae
179	74.49	14.37	Kadatoka	<i>Streptopelia senegalensis</i>	Little Brown Dove	NE	LC	Columbidae
180	74.49	14.37	Kadatoka	<i>Terpsiphone paradisi</i>	Asian Paradise Flycatcher	NE	LC	Muscicapidae
181	74.49	14.37	Kadatoka	<i>Treron phoenicoptera</i>	Yellow Legged Green Pigeon	NE	LC	Columbidae
182	74.49	14.37	Kadatoka	<i>Tyto alba</i>	Barn Owl	NE	LC	Tytonidae
183	74.49	14.37	Kadatoka	<i>Upupa epops</i>	Common Hoopoe	NE	LC	Upupidae
184	74.49	14.37	Kadatoka(Honnavar)	<i>Phalacrocorax niger</i>	Little Comorant	NE	LC	Phalacrocoracidae
185	74.43	14.85	Kaiga	<i>Turdoides striatus</i>	Jungle Babbler	NE	LC	Timalidae
186	74.43	14.85	Kaiga	<i>Accipiter badius</i>	Shikra	NE	LC	Accipitridae
187	74.43	14.85	Kaiga	<i>Accipiter gentilis</i>	Goshawk	NE	LC	Accipitridae

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188	74.43	14.85	Kaiga	<i>Accipiter virgatus</i>	Besra	NE	LC	Accipiteridae
189	74.43	14.85	Kaiga	<i>Acridotheres fuscus</i>	Jungle Myna	NE	LC	Sturnidae
190	74.43	14.85	Kaiga	<i>Acridotheres tristis</i>	Common Myna	NE	LC	Sturnidae
191	74.43	14.85	Kaiga	<i>Acrocephalus aedon</i>	Thick billed warber	NE	LC	Sturnidae
192	74.43	14.85	Kaiga	<i>Acrocephalus agricola</i>	Paddyfield Warbler	NE	LC	Sturnidae
193	74.43	14.85	Kaiga	<i>Acrocephalus dumetorum</i>	Blyth read Warbler	NE	LC	Muscicapidae
194	74.43	14.85	Kaiga	<i>Aegithina tiphia</i>	Common lora'	NE	LC	Trenidae
195	74.43	14.85	Kaiga	<i>Alcedo atthis</i>	Common Kingfisher	NE	LC	Alaudidae
196	74.43	14.85	Kaiga	<i>Alcedo meninting</i>	Blue Eared Kingfisher	NE	LC	Alcedenidae
197	74.43	14.85	Kaiga	<i>Amaurornis phoenicurus</i>	White Breasted Waterhen	NE	LC	Rallidae
198	74.43	14.85	Kaiga	<i>Anas crecca</i>	Common Teal	NE	LC	Anatidae
199	74.43	14.85	Kaiga	<i>Anthus hodgsoni</i>	Indian tree pit	NE	LC	Motacillidae
200	74.43	14.85	Kaiga	<i>Apus affinis</i>	House Swift	NE	LC	Apopidae
201	74.43	14.85	Kaiga	<i>Arachnothera longirostra</i>	Little Spider Hunter	NE	LC	Nectariniidae
202	74.43	14.85	Kaiga	<i>Ardea cinneria</i>	Grey Heron	NE	LC	Ardeidea
203	74.43	14.85	Kaiga	<i>Ardea purpurea</i>	Purple Heron	NE	LC	Ardeidea
204	74.43	14.85	Kaiga	<i>Artamus fuscus</i>	Ashy Wood Swallow	NE	LC	Artamidae
205	74.43	14.85	Kaiga	<i>Aviceda leuphotes</i>	Black crested baja	NE	LC	Accipitridae
206	74.43	14.85	Kaiga	<i>Bubo zeylonensis</i>	Brown Fish Owl	NE	LC	Strigidae
207	74.43	14.85	Kaiga	<i>Bubulcus ibis</i>	Cattle Egret	NE	LC	Adreidae
208	74.43	14.85	Kaiga	<i>Burhinus oedicephalus</i>	Stone curlew	NE	LC	Charadriiformes
209	74.43	14.85	Kaiga	<i>Cacomantis merulinus</i>	Plaintive Cuckoo	NE	LC	Cuculidae
210	74.43	14.85	Kaiga	<i>Calidris alpina</i>	Dunlin	NE	LC	Scolopacidae
211	74.43	14.85	Kaiga	<i>Calidris ferruginea</i>	Curlew Sandpiper	NE	LC	Scolopacidae
212	74.43	14.85	Kaiga	<i>Caprimulgus indicus</i>	Grey Nightjar	NE	LC	Caprimulgidae
213	74.43	14.85	Kaiga	<i>Casmerodius albus</i>	Large Egret	NE	LC	Ardeidae
214	74.43	14.85	Kaiga	<i>Celeus brachyurus</i>	Rofous woodpecker	NE	LC	Picidae
215	74.43	14.85	Kaiga	<i>Centropus bengalensis</i>	Lesser Coucal	NE	LC	Cuculidae
216	74.43	14.85	Kaiga	<i>Cercomela fusca</i>	Indain Chat	NE	LC	Muscicapidae
217	74.43	14.85	Kaiga	<i>Ceryle rudis</i>	Lesser pied Kingfisher	NE	LC	Alcedenidae
218	74.43	14.85	Kaiga	<i>Ceyx erithaca</i>	Back backed Kingfisher	NE	LC	Alcedenidae
219	74.43	14.85	Kaiga	<i>Chalcophaps indica</i>	Emerad dove	NE	LC	Columbridae
220	74.43	14.85	Kaiga	<i>Charadrius dubius</i>	Little winged Plover	NE	LC	Charadriidae
221	74.43	14.85	Kaiga	<i>Chloropsis aurifrons</i>	Golden Fronted Leafbird	NE	LC	Chloropsidae
222	74.43	14.85	Kaiga	<i>Chloropsis cochinchinensis</i>	Blue Winged Leaf Bird	NE	LC	Chloropsidae
223	74.43	14.85	Kaiga	<i>Chrysocolaptes festivus</i>	White naped Woodpecker	NE	LC	Picidae
224	74.43	14.85	Kaiga	<i>Chrysocolaptes lucidus</i>	Larger golden backed Woodpecker	NE	LC	Picidae
225	74.43	14.85	Kaiga	<i>Circaetus gallicus</i>	Short Toed Eagle	NE	LC	Ciconidae
226	74.43	14.85	Kaiga	<i>Collocalia unicolor</i>	Indian swiftlet	NE	LC	Apopidae
227	74.43	14.85	Kaiga	<i>Columba livia</i>	Rock Pigeon	NE	LC	Columbridae

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228	74.43	14.85	Kaiga	<i>Copsychus saularis</i>	Magpie Robin	NE	LC	Muscicapidae
229	74.43	14.85	Kaiga	<i>Coracina melachistos</i>	Smaller Grey Cuckoo Shrike	NE	LC	Campephagidae
230	74.43	14.85	Kaiga	<i>Coracina melanoptera</i>	Black Headed Cuckoo Shrike	NE	LC	Campephagidae
231	74.43	14.85	Kaiga	<i>Coracina macei</i>	Large Cuckoo Shrike	NE	LC	Campephagidae
232	74.43	14.85	Kaiga	<i>Coracias benghalensis</i>	Indian Roller	NE	LC	Coraciidae
233	74.43	14.85	Kaiga	<i>Corvus macrorhynchos</i>	Jungle Crow	NE	LC	Corvidae
234	74.43	14.85	Kaiga	<i>Corvus splendens</i>	House Crow	NE	LC	Corvidae
235	74.43	14.85	Kaiga	<i>Cuculus canorus</i>	Common Cuckoo	NE	LC	Cuculidae
236	74.43	14.85	Kaiga	<i>Cuculus micropterus</i>	Indian Couckoo	NE	LC	Cuculidae
237	74.43	14.85	Kaiga	<i>Cuculus sparverioides</i>	Large Hawk Cuckoo	NE	LC	Cuculidae
238	74.43	14.85	Kaiga	<i>Cuculus varius</i>	Common Hawk Cuckoo	NE	LC	Cuculidae
239	74.43	14.85	Kaiga	<i>Cyornis tickelliae</i>	Tickell's Bue flycatcher	NE	LC	Muscicapidae
240	74.43	14.85	Kaiga	<i>Dacula aenea</i>	Green Imperial Pigeon	NE	LC	Columbridae
241	74.43	14.85	Kaiga	<i>Dacula badia</i>	Mountain Imperial Pigeon	NE	LC	Columbridae
242	74.43	14.85	Kaiga	<i>Dendrocitta vagabunda</i>	Indian Treeple	NE	LC	Corvidae
243	74.43	14.85	Kaiga	<i>Dendrocygna bicolor</i>	Fulvous Whistling duck	NE	LC	Corvidae
244	74.43	14.85	Kaiga	<i>Dendrocygna javanica</i>	Tree Duck	NE	LC	Corvidae
245	74.43	14.85	Kaiga	<i>Dendronanthus indicus</i>	Forest wagtail	NE	LC	Anatidae
246	74.43	14.85	Kaiga	<i>Dicaeum agile</i>	Thick billed Flowerpecker	NE	LC	Dicaeidae
247	74.43	14.85	Kaiga	<i>Dicaeum erythrorhynchus</i>	Tickell's Flowerpecker	NE	LC	Dicaeidae
248	74.43	14.85	Kaiga	<i>Dicrurus hottentottus</i>	Hair Crested Drongo	NE	LC	Dicaeidae
249	74.43	14.85	Kaiga	<i>Dicrurus aeneus</i>	Bronzed Drongo	NE	LC	Dicruridae
250	74.43	14.85	Kaiga	<i>Dicrurus caerulescens</i>	White Bellied Drongo	NE	LC	Dicruridae
251	74.43	14.85	Kaiga	<i>Dicrurus leucophaeus</i>	Ashy Drongo	NE	LC	Dicruridae
252	74.43	14.85	Kaiga	<i>Dicrurus macrocerus</i>	Black Drongo	NE	LC	Dicruridae
253	74.43	14.85	Kaiga	<i>Dicrurus paradiseus</i>	Greater Racket Tailed Drongo	NE	LC	Dicruridae
254	74.43	14.85	Kaiga	<i>Dinopium bengalensis</i>	Lesser Goldenbacked Woodpecker	NE	LC	Picidae
255	74.43	14.85	Kaiga	<i>Dinopium javanense</i>	Indian Three Toad Woodpecker	NE	LC	Picidae
256	74.43	14.85	Kaiga	<i>Dromas ardeola</i>	Crab plover	NE	LC	Dromadidae
257	74.43	14.85	Kaiga	<i>Dryocopus javensis</i>	WhiteBelliedWoodpecker	NE	LC	Picidae
258	74.43	14.85	Kaiga	<i>Dumetia hyperythra</i>	White Throated babbler	NE	LC	Timallidae
259	74.43	14.85	Kaiga	<i>Egretta garzetta</i>	Little Egret	NE	LC	Ardeidea
260	74.43	14.85	Kaiga	<i>Egretta gularis</i>	Indian Reef Heron	NE	LC	Ardeidea
261	74.43	14.85	Kaiga	<i>Elanus caeruleus</i>	Black winged kite	NE	LC	Accipitridae
262	74.43	14.85	Kaiga	<i>Erermopterix grisea</i>	Ashy Crowned Fin Larked	NE	LC	Alaudidae
263	74.43	14.85	Kaiga	<i>Eudynamys scolopacea</i>	Asian koe	NE	LC	Cuculidae
264	74.43	14.85	Kaiga	<i>Eumyias thalassina</i>	Verditor Flycatcher	NE	LC	Muscicapidae
265	74.43	14.85	Kaiga	<i>Gallus gallus</i>	Red JungleFowl	NE	LC	Phasianidae
266	74.43	14.85	Kaiga	<i>Gallus sonneratii</i>	Grey Jungle Fowl	NE	LC	Phasianidae
267	74.43	14.85	Kaiga	<i>Glaucidium radiatum</i>	Jungle Owlet	NE	LC	Strigiformes
268	74.43	14.85	Kaiga	<i>Gracula religiosa</i>	Hill Myna	NE	LC	Sturnidae

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269	74.43	14.85	Kaiga	<i>Haliaeetus leucogaster</i>	White bellied Fish Eagle	NE	LC	Pycnonotidae
270	74.43	14.85	Kaiga	<i>Haliaeetus leucoryphus</i>	Pallas Fishing Eagle	NE	LC	Pycnonotidae
271	74.43	14.85	Kaiga	<i>Haematopus ostralegus</i>	Eurasian oyster catcher	NE	LC	Haematopodidae
272	74.43	14.85	Kaiga	<i>Halcyon smyrnensis</i>	White breasted kingfisher	NE	LC	Alcedinidae
273	74.43	14.85	Kaiga	<i>Haliastur indus</i>	Brahminy Kite	NE	LC	Accipitridae
274	74.43	14.85	Kaiga	<i>Harpectes fasciatus</i>	Malabar Trogon	NE	LC	Trogonidae
275	74.43	14.85	Kaiga	<i>Hemicircus canente</i>	Heart Spotted Woodpecker	NE	LC	Picidae
276	74.43	14.85	Kaiga	<i>Hippolias caligata</i>	Booted Warbler	NE	LC	Acrocephalidae
277	74.43	14.85	Kaiga	<i>Hirundo concolor</i>	Dusky Crag Martin	NE	LC	Hirudinidae
278	74.43	14.85	Kaiga	<i>Hirundo daurica</i>	Striated Swallow	NE	LC	Hirudinidae
279	74.43	14.85	Kaiga	<i>Hirundo fluvicola</i>	Indian Cliffed Swallow	NE	LC	Hirudinidae
280	74.43	14.85	Kaiga	<i>Hirundo rupestris</i>	Eurasian Crag Martin	NE	LC	Hirudinidae
281	74.43	14.85	Kaiga	<i>Hirundo rustica</i>	Swallow	NE	LC	Hirudinidae
282	74.43	14.85	Kaiga	<i>Hirundo smithii</i>	Wire Tailed Swallow	NE	LC	Hirudinidae
283	74.43	14.85	Kaiga	<i>Hirundo tahitica</i>	House Swallow	NE	LC	Hirudinidae
284	74.43	14.85	Kaiga	<i>Hydrophasianus chirurgus</i>	Pheasant tailed jacana	NE	LC	Jacanidae
285	74.43	14.85	Kaiga	<i>Hypsipetes leucocephalus</i>	Black Bulbul	NE	LC	Pycnonotidae
286	74.43	14.85	Kaiga	<i>Irena puella</i>	Fairy Blue Bird	NE	LC	Irenidae
287	74.43	14.85	Kaiga	<i>Ixobrychus flavicollis</i>	Black Bittern	NE	LC	Ardeidae
288	74.43	14.85	Kaiga	<i>Ixobrychus ixobrychus</i>	Little Bittern	NE	LC	Ardeidae
289	74.43	14.85	Kaiga	<i>Ixobrychus sinensis</i>	Yellow Bittern	NE	LC	Ardeidae
290	74.43	14.85	Kaiga	<i>Lanius cristatus</i>	Brown Shrike	NE	LC	Lanidae
291	74.43	14.85	Kaiga	<i>Lanius schach</i>	Long tailed Shrike	NE	LC	Lanidae
292	74.43	14.85	Kaiga	<i>Locustella naevia</i>	Grasshopper Warbler	NE	LC	Locustidae
293	74.43	14.85	Kaiga	<i>Lonchura kelaarti</i>	Black Throated Munia	NE	LC	Ploceidae
294	74.43	14.85	Kaiga	<i>Lonchura malabarica</i>	White Throated Munia	NE	LC	Ploceidae
295	74.43	14.85	Kaiga	<i>Lonchura malacca</i>	Blackheaded Munia	NE	LC	Ploceidae
296	74.43	14.85	Kaiga	<i>Lonchura punctulata</i>	Spotted Munia	NE	LC	Ploceidae
297	74.43	14.85	Kaiga	<i>Lonchura striata</i>	White backed Munia	NE	LC	Ploceidae
298	74.43	14.85	Kaiga	<i>Loriculus vernalis</i>	Indian Lorikeet	NE	LC	Pssitacidae
299	74.43	14.85	Kaiga	<i>Luscinia brunnea</i>	Indian Blue Robin	NE	LC	Muscicapidae
300	74.43	14.85	Kaiga	<i>Megalaima viridis</i>	Small Green Barbet	NE	LC	Capitonidae
301	74.43	14.85	Kaiga	<i>Megalaima zeylanica</i>	Brown headed barbet	NE	LC	Capitonidae
302	74.43	14.85	Kaiga	<i>Megalaima haemacephala</i>	Crimson Breasted Barbet	NE	LC	Capitonidae
303	74.43	14.85	Kaiga	<i>Megalaima rubricapilla</i>	Crimson throated Barbet	NE	LC	Capitonidae
304	74.43	14.85	Kaiga	<i>Merops leschenaulti</i>	Chestnut Headed Bee-eater	NE	LC	Meropidae
305	74.43	14.85	Kaiga	<i>Merops orientalis</i>	Green bee-eater	NE	LC	Meropidae
306	74.43	14.85	Kaiga	<i>Merops philippinus</i>	Blue tailed Bee-eater	NE	LC	Meropidae
307	74.43	14.85	Kaiga	<i>Mesophoyx intermedia</i>	Smaller Egret	NE	LC	Ardeidae
308	74.43	14.85	Kaiga	<i>Milvus migrans govinda</i>	Pariah kite	NE	LC	Accipiteridae
309	74.43	14.85	Kaiga	<i>Milvus migrans</i>	Black kite	NE	LC	Accipiteridae

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310	74.43	14.85	Kaiga	<i>Mirafra assamica</i>	Rofous-winged Lark	NE	LC	Alaudidae
311	74.43	14.85	Kaiga	<i>Mirafra cantillans</i>	Singing Lark	NE	LC	Alaudidae
312	74.43	14.85	Kaiga	<i>Motacilla alba</i>	White wagtail	NE	LC	Motacillidae
313	74.43	14.85	Kaiga	<i>Motacilla cinerea</i>	Grey wagtail	NE	LC	Motacillidae
314	74.43	14.85	Kaiga	<i>Motacilla flava</i>	Yellow wagtail	NE	LC	Motacillidae
315	74.43	14.85	Kaiga	<i>Motacilla madaraspatensis</i>	Large Pied Wagtail	NE	LC	Muscicapidae
316	74.43	14.85	Kaiga	<i>Muscicapa dauwica</i>	Brown Flycatcher	NE	LC	Muscicapidae
317	74.43	14.85	Kaiga	<i>Muscicapa muttui</i>	Brown Breasted Flycatcher	NE	LC	Muscicapidae
318	74.43	14.85	Kaiga	<i>Muscicapa ruficauda</i>	Rusty tailed Flycatcher	NE	LC	Muscicapidae
319	74.43	14.85	Kaiga	<i>Nectarinia asiatica</i>	Purple sunbird	NE	LC	Nectariniidae
320	74.43	14.85	Kaiga	<i>Nectarinia minima</i>	Crimson backed sunbird	NE	LC	Nectariniidae
321	74.43	14.85	Kaiga	<i>Nectarinia zeylonica</i>	Purple Rumped Sunbird	NE	LC	Nectariniidae
322	74.43	14.85	Kaiga	<i>Nycticorax nycticorax</i>	Night Heron	NE	LC	Ardeidea
323	74.43	14.85	Kaiga	<i>Nyctyomis athertoni</i>	Blue bearded bee-eater	NE	LC	Ardeidea
324	74.43	14.85	Kaiga	<i>Ocyrceros birostris</i>	Indian Grey Hornbill	NE	LC	Coraciiformes
325	74.43	14.85	Kaiga	<i>Oriolus oriolus</i>	Golden Oriole	NE	LC	Oriolidae
326	74.43	14.85	Kaiga	<i>Oriolus chinensis</i>	Black-naped Oriole	NE	LC	Oriolidae
327	74.43	14.85	Kaiga	<i>Oriolus xanthornus</i>	Black Headed Oriole	NE	LC	Oriolidae
328	74.43	14.85	Kaiga	<i>Orthotomus sutorius</i>	Common Tailorbird	NE	LC	Syllividae
329	74.43	14.85	Kaiga	<i>Otus scops</i>	Scops Owl	NE	LC	Pycnonotidae
330	74.43	14.85	Kaiga	<i>Pandion haliaetus</i>	Osprey	NE	LC	Pandionidae
331	74.43	14.85	Kaiga	<i>Parus major</i>	Great tit	NE	LC	Paridae
332	74.43	14.85	Kaiga	<i>Parus xanthogenys</i>	Blacklored tit	NE	LC	Paridae
333	74.43	14.85	Kaiga	<i>Passer domesticus</i>	House Sparrow	NE	LC	Paridae
334	74.43	14.85	Kaiga	<i>Pavo cristus</i>	Indian Peafowl	NE	LC	Paridae
335	74.43	14.85	Kaiga	<i>Pelargopsis capensis</i>	Stork billed Kingfisher	NE	LC	Alcedenidae
336	74.43	14.85	Kaiga	<i>Pericrocotus erythropygus</i>	White Bellied Minivet	NE	LC	Campephagidae
337	74.43	14.85	Kaiga	<i>Perichrochotus flammeus</i>	Scarlet Minivet	NE	LC	Campephagidae
338	74.43	14.85	Kaiga	<i>Pernis ptilorhynchus</i>	Oriental Honey Budget	NE	LC	Accipitridae
339	74.43	14.85	Kaiga	<i>Petronia xanthocollis</i>	Yellow throated Sparrow	NE	LC	Campephagidae
340	74.43	14.85	Kaiga	<i>Phaenicophaeus viridirostris</i>	Small Green billed Malkoha	NE	LC	Cuculidae
341	74.43	14.85	Kaiga	<i>Phalacrocorax carbo</i>	Great Cormorant	NE	LC	Phalacrocoracidae
342	74.43	14.85	Kaiga	<i>Phalacrocorax fuscicollis</i>	Indian cormorant	NE	LC	Phalacrocoracidae
343	74.43	14.85	Kaiga	<i>Phalacrocorax niger</i>	Little Cormorant	NE	LC	Phalacrocoracidae
344	74.43	14.85	Kaiga	<i>Phoenicurus ochrurus</i>	Black Redstart	NE	LC	Muscicapidae
345	74.43	14.85	Kaiga	<i>Phylloscopus affinis</i>	Tickell's Leaf Warbler	NE	LC	Muscicapidae
346	74.43	14.85	Kaiga	<i>Phylloscopus trochiloides</i>	Greenish Warbler	NE	LC	Muscicapidae
347	74.43	14.85	Kaiga	<i>Picumnus innominatus</i>	Speckled Piculet	NE	LC	Picidae
348	74.43	14.85	Kaiga	<i>Picus chlorolophus</i>	Lesser Yellow Nape	NE	LC	Picidae
349	74.43	14.85	Kaiga	<i>Picus squamatus</i>	Scalybelied Green Woodpecker	NE	LC	Picidae
350	74.43	14.85	Kaiga	<i>Porphyrio porphyrio</i>	Purple moorhen	NE	LC	Rallidae

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351	74.43	14.85	Kaiga	<i>Prinia hodgsonii</i>	Greybreasted pinnea	NE	LC	Cisticolidae
352	74.43	14.85	Kaiga	<i>Prinia socialis</i>	Ashy prinia	NE	LC	Cisticolidae
353	74.43	14.85	Kaiga	<i>Prinia subflava</i>	Plain prinia	NE	LC	Cisticolidae
354	74.43	14.85	Kaiga	<i>Prinia sylvatica</i>	Jungle Prinia	NE	LC	Cisticolidae
355	74.43	14.85	Kaiga	<i>Psittacula alexandri</i>	Red breasted parakeet	NE	LC	Pssitacidae
356	74.43	14.85	Kaiga	<i>Psittacula eupatria</i>	large Indian Parakeet	NE	LC	Pssitacidae
357	74.43	14.85	Kaiga	<i>Psittacula cyanocephala</i>	Plum Headed Parakeet	NE	LC	Pssitacidae
358	74.43	14.85	Kaiga	<i>Psittacula krameri</i>	Rose Ringed parakeet	NE	LC	Pssitacidae
359	74.43	14.85	Kaiga	<i>Psittacula columboides</i>	Malabar Parakeet	NE	LC	Pssitacidae
360	74.43	14.85	Kaiga	<i>Pycnonotus cafer</i>	Red-vented Bulbul	NE	LC	Pycnonotidae
361	74.43	14.85	Kaiga	<i>Pycnonotus jocosus</i>	Red whiskered Bulbul	NE	LC	Pycnonotidae
362	74.43	14.85	Kaiga	<i>Recurvirostra avosetta</i>	Avocet	NE	LC	Recurvirostridae
363	74.43	14.85	Kaiga	<i>Rhipidura albicollis</i>	White Throated Fantail Flycatcher	NE	LC	Rhipiduridae
364	74.43	14.85	Kaiga	<i>Riparia paludicola</i>	Plain Martin	NE	LC	Hirudinidae
365	74.43	14.85	Kaiga	<i>Saxicola caprata</i>	Pied Bushcat	NE	LC	Muscicapidae
366	74.43	14.85	Kaiga	<i>Saxicoloides fulicata</i>	Indian Robin	NE	LC	Muscicapidae
367	74.43	14.85	Kaiga	<i>Spilornis cheela</i>	Crested Serpent Eagle	NE	LC	Accipitridae
368	74.43	14.85	Kaiga	<i>Nisaetus cirrhatus</i>	Crested Hawk Eagle	NE	LC	Accipitridae
369	74.43	14.85	Kaiga	<i>Sterna aurantia</i>	River tern	NE	LC	Laridae
370	74.43	14.85	Kaiga	<i>Sterna hirundo</i>	Common Tern	NE	LC	Laridae
371	74.43	14.85	Kaiga	<i>Streptopelia chinensis</i>	Spotted Dove	NE	LC	Columbridae
372	74.43	14.85	Kaiga	<i>Streptopelia senegalensis</i>	Laughing Dove	NE	LC	Columbidae
373	74.43	14.85	Kaiga	<i>Sturnus pagodarum</i>	Brahminy Myna	NE	LC	Sturnidae
374	74.43	14.85	Kaiga	<i>Sturnus roseus</i>	Rosy Starling	NE	LC	Sturnidae
375	74.43	14.85	Kaiga	<i>Surniculus lugubris</i>	Drongo Cuckoo	NE	LC	Cuculidae
376	74.43	14.85	Kaiga	<i>Tephrodornis pondicerianus</i>	Common Woodshrike	NE	LC	Campephagidae
377	74.43	14.85	Kaiga	<i>Terpsiphone paradisi</i>	Asian paradise flycatcher	NE	LC	Campephagidae
378	74.43	14.85	Kaiga	<i>Treron phoenicoptera</i>	Yellow Legged Green Pigeon	NE	LC	Columbridae
379	74.43	14.85	Kaiga	<i>Treron pompadora</i>	Pompadaur Green Pigeon	NE	LC	Columbridae
380	74.43	14.85	Kaiga	<i>Tringa glareola</i>	Wood sandpiper	NE	LC	Scolopacidae
381	74.43	14.85	Kaiga	<i>Tringa hypoleucos</i>	Common Sandpiper	NE	LC	Scolopacidae
382	74.43	14.85	Kaiga	<i>Tringa ochropus</i>	Green Sandpiper	NE	LC	Scolopacidae
383	74.43	14.85	Kaiga	<i>Turdoides caudatus</i>	Common Babbler	NE	LC	Timallidae
384	74.43	14.85	Kaiga	<i>Turdoides malcolmi</i>	Large Grey Babbler	NE	LC	Timallidae
385	74.43	14.85	Kaiga	<i>Tyto alba</i>	Barn Owl	NE	LC	Strigidae
386	74.43	14.85	Kaiga	<i>Upupa epops</i>	Eurasian Hoopoe	NE	LC	Upupidae
387	74.43	14.85	Kaiga	<i>Vanellus indicus</i>	Redwattled Lapwing	NE	LC	Charadriidae
388	74.43	14.85	Kaiga	<i>Vanellus malabaricus</i>	Yellow wattled apwing	NE	LC	Charadriidae
389	74.43	14.85	Kaiga	<i>Zoothera citrina</i>	Orange Headed Thrush	NE	LC	Turdinae
390	74.43	14.85	Kaiga	<i>Anhinga melanogaster</i>	Darter	NE	NT	Anhingidae
391	74.43	14.85	Kaiga	<i>Anthracoceros coronatus</i>	Malabar Pied Hornbill	NE	NT	Bucerotidae

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392	74.43	14.85	Kaiga	<i>Ficedula nigrirufa</i>	Black and Orange Flycatcher	NE	NT	Muscicapidae
393	74.43	14.85	Kaiga	<i>Mycteria leucocephala</i>	Painted Stork	NE	NT	Ciconidae
394	74.43	14.85	Kaiga	<i>Ocyrceros griseus</i>	Malabar Grey Hornbill	NE	NT	Coraciiformes
395	74.43	14.85	Kaiga	<i>Sterna acuticauda</i>	Black bellied Tern	NE	NT	Laridae
396	74.43	14.85	Kaiga	<i>Threskiornis melanocephalus</i>	White Ibis	NE	NT	Threskiornithidae
397	74.12	14.80	Karwar	<i>Sterna sandvicensis</i>	Sandwich tern	NE	LC	Laridae
398	74.75	14.28	Kathalekan	<i>Aegithina tiphia</i>	Iora	NE	LC	Irenidae
399	74.75	14.28	Kathalekan	<i>Bubo bengalensis</i>	Indian Great Horned Owl	NE	LC	Strigidae
400	74.75	14.28	Kathalekan	<i>Centropus sinensis</i>	Crow Pheasant	NE	LC	Cuculidae
401	74.75	14.28	Kathalekan	<i>Chalcophaps indica</i>	Emerald Dove	NE	LC	Columbidae
402	74.75	14.28	Kathalekan	<i>Chloropsis cochinchinensis</i>	Goldmantled chloropsis	NE	LC	Irenidae
403	74.75	14.28	Kathalekan	<i>Corvus splendens</i>	House Crow	NE	LC	Corvidae
404	74.75	14.28	Kathalekan	<i>Cuculus canorus</i>	Cuckoo	NE	LC	Cuculidae
405	74.75	14.28	Kathalekan	<i>Dacula aenea</i>	Green Imperial Pigeon	NE	LC	Columbidae
406	74.75	14.28	Kathalekan	<i>Dendrocitta vagabunda</i>	Tree pie	NE	LC	Corvidae
407	74.75	14.28	Kathalekan	<i>Dicrurus paradiseus</i>	Racket -tailed drongo	NE	LC	Dicruridae
408	74.75	14.28	Kathalekan	<i>Dinopium javanense</i>	Indian Goldenbacked three toed woodpecker	NE	LC	Picidae
409	74.75	14.28	Kathalekan	<i>Dryocopus javensis</i>	Great black woodpecker	NE	LC	Picidae
410	74.75	14.28	Kathalekan	<i>Eudynamys scolopacea</i>	Koel	NE	LC	Cuculidae
411	74.75	14.28	Kathalekan	<i>Gallus sonneratii</i>	Grey Jungle Fowl	NE	LC	Phasianidae
412	74.75	14.28	Kathalekan	<i>Gracula religiosa</i>	Hill Myna	NE	LC	Sturnidae
413	74.75	14.28	Kathalekan	<i>Hemicircus canente</i>	Heart Spotted Woodpecker	NE	LC	Picidae
414	74.75	14.28	Kathalekan	<i>Hirundo rustica</i>	Swallow	NE	LC	Hirudinidae
415	74.75	14.28	Kathalekan	<i>Irena puella</i>	Fairy Blue bird	NE	LC	Irenidae
416	74.75	14.28	Kathalekan	<i>Loriculus vernalis</i>	Lorikeet	NE	LC	Pssitacidae
417	74.75	14.28	Kathalekan	<i>Megalaima viridis</i>	Small Green Barbet	NE	LC	Capitonidae
418	74.75	14.28	Kathalekan	<i>Megalaima zeylanica</i>	Large Green Barbet	NE	LC	Capitonidae
419	74.75	14.28	Kathalekan	<i>Merops orientalis</i>	Small Green Beater	NE	LC	Meropidae
420	74.75	14.28	Kathalekan	<i>Muscicapa ruficauda Swainson</i>	Redbreasted flycatcher	NE	LC	Muscicapidae
421	74.75	14.28	Kathalekan	<i>Myiophonus horsfieldii</i>	Malabar Whistling Thrush	NE	LC	Muscicapidae
422	74.75	14.28	Kathalekan	<i>Oriolus oriolus</i>	Golden oriole	NE	LC	Oriolidae
423	74.75	14.28	Kathalekan	<i>Pavo cristatus</i>	Common Peafowl	NE	LC	Phasianidae
424	74.75	14.28	Kathalekan	<i>Psittacula cyanocephala</i>	Blossom Headed parakeet	NE	LC	Pssitacidae
425	74.75	14.28	Kathalekan	<i>Pycnonotus cafer L.,</i>	Redvented bulbul	NE	LC	Pycnonotidae
426	74.75	14.28	Kathalekan	<i>Spilornis cheela</i>	Crested Serpent eagle	NE	LC	Accipitridae
427	74.75	14.28	Kathalekan	<i>Taccocua leschenaultii</i>	Sirkeer Cuckoo	NE	LC	Cuculidae
428	74.75	14.28	Kathalekan	<i>Terpsiphone paradisi</i>	Paradise Flycatcher	NE	LC	Muscicapidae
429	74.75	14.28	Kathalekan	<i>Treron pompadora(Gmelin)</i>	Grey Fronted Green Pigeon	NE	LC	Columbidae
430	74.75	14.28	Kathalekan	<i>Treron pompadora(Jerdon)</i>	Orange Breated Green Pigeon	NE	LC	Columbidae
431	74.75	14.28	Kathalekan	<i>Turdoides striatus</i>	Jungle babbler	NE	LC	Muscicapidae

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432	74.75	14.28	Kathalekan	<i>Turdoides subrufus</i>	Rofous babbler	NE	LC	Muscicapidae
433	74.75	14.28	Kathalekan	<i>Upupa epops</i>	Hoopoe	NE	LC	Upupidae
434	74.75	14.28	Kathalekan	<i>Rhopocichla atriceps</i>	Blackheaded babbler	NE	LC	Muscicapidae
435	74.75	14.28	Kathalekan	<i>Alcedo atthis</i>	Small Blue Kingfisher	NE	NE	Alcedinidae
436	74.75	14.28	Kathalekan	<i>Bubo nipalensis</i>	Forest Eagle Owl	NE	NE	Strigidae
437	74.75	14.28	Kathalekan	<i>Anthracoceros malabaricus</i>	Malabar Pied Hornbill	NE	NT	Bucerotidae
438	74.75	14.28	Kathalekan	<i>Hypsipetes indicus</i>	Yellow browned bulbul	NE	NE	Pycnonotidae
439	74.75	14.28	Kathalekan	<i>Megalaima rubicapilla</i>	Crimson Throated Barbet	NE	NE	Capitonidae
440	74.75	14.28	Kathalekan	<i>Monticola solitarius</i>	Blue-rock Thrush	NE	NE	Muscicapidae
441	74.75	14.28	Kathalekan	<i>Muscicapa thalassina</i>	Verditor Flycatcher	NE	NE	Muscicapidae
442	74.75	14.28	Kathalekan	<i>Pericrocotus roseus</i>	Scarlet minivet	NE	NE	Campephagidae
443	74.75	14.28	Kathalekan	<i>Tockus griseus</i>	Malabar Grey Hornbill	NE	NE	Bucerotidae
444	74.66	15.17	Kulgi	<i>Acridotheres fuscus</i>	Jungle Myna	NE	LC	Sturnidae
445	74.66	15.17	Kulgi	<i>Acrocephalus dumetorum</i>	Blyth reed warbler	NE	LC	Muscicapidae
446	74.66	15.17	Kulgi	<i>Actitis hypoleucos</i>	Common Sandpiper	NE	LC	Scolopacidae
447	74.66	15.17	Kulgi	<i>Aegithina tiphia</i>	Iora	NE	LC	Irenidae
448	74.66	15.17	Kulgi	<i>Alda gangula</i>	Indian small skylark	NE	LC	Alaudidae
449	74.66	15.17	Kulgi	<i>Alcippe poiocephala</i>	Nilgiri quaker babbler	NE	LC	Muscicapidae
450	74.66	15.17	Kulgi	<i>Amauromis phoenicurus</i>	White Breasted Waterhen	NE	LC	Rallidae
451	74.66	15.17	Kulgi	<i>Apus affinis</i>	House swift	NE	LC	Apopidae
452	74.66	15.17	Kulgi	<i>Ardea alba</i>	Large egret	NE	LC	Ardeidae
453	74.66	15.17	Kulgi	<i>Ardeola grayii</i>	Pond heron	NE	LC	Ardeidae
454	74.66	15.17	Kulgi	<i>Bubo coromandus</i>	Dusky horned owl	NE	LC	Strigidae
455	74.66	15.17	Kulgi	<i>Carpodacus erythrinus</i>	Common Rosefinch	NE	LC	Fringilidae
456	74.66	15.17	Kulgi	<i>Centropus sinensis</i>	Lesser coucal	NE	LC	Cuculidae
457	74.66	15.17	Kulgi	<i>Centropus sinensis</i>	Lesser coucal	NE	LC	Cuculidae
458	74.66	15.17	Kulgi	<i>Chalcophaps indica</i>	Emerald dove	NE	LC	Columbridae
459	74.66	15.17	Kulgi	<i>Chloropsis aurifrons</i>	Golden fronted chloropsis	NE	LC	Irenidae
460	74.66	15.17	Kulgi	<i>Cinnyris asiaticus</i>	Purple Sunbird	NE	LC	Nectarinidae
461	74.66	15.17	Kulgi	<i>Copsychus malabaricus</i>	Malabar shama	NE	LC	Muscicapidae
462	74.66	15.17	Kulgi	<i>Copsychus saularis</i>	Magpie Robin	NE	LC	Muscicapidae
463	74.66	15.17	Kulgi	<i>Copsychus saularis</i>	Magpie Robin	NE	LC	Muscicapidae
464	74.66	15.17	Kulgi	<i>Corvus macrorhynchos</i>	Jungle crow	NE	LC	Corvidae
465	74.66	15.17	Kulgi	<i>Corvus splendens</i>	House Crow	NE	LC	Corvidae
466	74.66	15.17	Kulgi	<i>Cyornis tickelliae</i>	Tickell's Bue flycatcher	NE	LC	Muscicapidae
467	74.66	15.17	Kulgi	<i>Dendrocitta vagabunda</i>	Indian Treeple	NE	LC	Corvidae
468	74.66	15.17	Kulgi	<i>Dicaeum erythrorhynchos</i>	Tickell's Flowerpecker	NE	LC	Dicaeidae
469	74.66	15.17	Kulgi	<i>Dicrurus macrocerus</i>	Black Drongo	NE	LC	Dicruridae
470	74.66	15.17	Kulgi	<i>Dicrurus macrocerus</i>	Black Drongo	NE	LC	Dicruridae
471	74.66	15.17	Kulgi	<i>Dicrurus paradiseus</i>	Greater Racket Tailed Drongo	NE	LC	Dicruridae
472	74.66	15.17	Kulgi	<i>Dinopium benghalense</i>	Lesser Goldenbacked Woodpecker	NE	LC	Picidae

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473	74.66	15.17	Kulgi	<i>Dinopium javanense</i>	Three toed goldenbacked woodpecker	NE	LC	Picidae
474	74.66	15.17	Kulgi	<i>Egretta garzetta</i>	Little Egret	NE	LC	Ardeidea
475	74.66	15.17	Kulgi	<i>Amandava amandava</i>	Red munia	NE	LC	Fringilidae
476	74.66	15.17	Kulgi	<i>Eumyias thalassinus</i>	Verditor Flycatcher	NE	LC	Muscicapidae
477	74.66	15.17	Kulgi	<i>Ficedula parva</i>	Black and Orange Flycatcher	NE	LC	Muscicapidae
478	74.66	15.17	Kulgi	<i>Gallus sonneratii</i>	Grey jungle fowl	NE	LC	Phasianidae
479	74.66	15.17	Kulgi	<i>Glareola lactea</i>	Small indian pratincole	NE	LC	Glareolidae
480	74.66	15.17	Kulgi	<i>Halcyon capensis</i>	kingfisher	NE	LC	Alcedenidae
481	74.66	15.17	Kulgi	<i>Halcyon pileata</i>	kingfisher	NE	LC	Alcedenidae
482	74.66	15.17	Kulgi	<i>Halcyon smyrnensis</i>	White breasted kingfisher	NE	LC	Alcedenidae
483	74.66	15.17	Kulgi	<i>Haliastur indus</i>	Brahminy Kite	NE	LC	Accipitridae
484	74.66	15.17	Kulgi	<i>Haliaeetus leucogaster</i>	White bellied sea eagle	NE	LC	Accipitridae
485	74.66	15.17	Kulgi	<i>Harpactes fasciatus</i>	Malabar trogon	NE	LC	Trogonidae
486	74.66	15.17	Kulgi	<i>Hemicircus canente</i>	Heart spotted woodpecker	NE	LC	Picidae
487	74.66	15.17	Kulgi	<i>Hemipus picatus</i>	Pied flycatcher shrike	NE	LC	Campephagidae
488	74.66	15.17	Kulgi	<i>Hirundo smithii</i>	Wire Tailed Swallow	NE	LC	Hirudinidae
489	74.66	15.17	Kulgi	<i>Hydrophasianus chirurgus</i>	Pheasant tailed jacana	NE	LC	Jacaniidae
490	74.66	15.17	Kulgi	<i>Lanius collurio</i>	Red-backed Shrike	NE	LC	Lanidae
491	74.66	15.17	Kulgi	<i>Lanius cristatus</i>	Brown Shrike	NE	LC	Lanidae
492	74.66	15.17	Kulgi	<i>Leptocoma zeylonica</i>	Purple-rumped Sunbird	NE	LC	Nectarinidae
493	74.66	15.17	Kulgi	<i>Lonchura kelaarti</i>	Black Throated Munia	NE	LC	Ploceidae
494	74.66	15.17	Kulgi	<i>Lonchura striata</i>	White backed Munia	NE	LC	Ploceidae
495	74.66	15.17	Kulgi	<i>Loriculus vernalis</i>	Indian Lorikeet	NE	LC	Pssitacidae
496	74.66	15.17	Kulgi	<i>Megalaima rubricapillus</i>	Crimson throated barbet	NE	LC	Capitonidae
497	74.66	15.17	Kulgi	<i>Megalaima viridis</i>	Small Green Barbet	NE	LC	Capitonidae
498	74.66	15.17	Kulgi	<i>Megalaima rubricapilla</i>	Crimson throated Barbet	NE	LC	Capitonidae
499	74.66	15.17	Kulgi	<i>Metopidius indicus</i>	Bronzewinged jacanas	NE	LC	Jacaniidae
500	74.66	15.17	Kulgi	<i>Muscicapa daurica</i>	Brown Flycatcher	NE	LC	Muscicapidae
501	74.66	15.17	Kulgi	<i>Myiophonus horsfieldii</i>	Malabar whistling thrush	NE	LC	Turdinae
502	74.66	15.17	Kulgi	<i>Ocyrceros birostris</i>	Indian Grey Hornbill	NE	LC	Coraciiformes
503	74.66	15.17	Kulgi	<i>Oriolus xanthornus</i>	Back Headed Oriole	NE	LC	Oriolidae
504	74.66	15.17	Kulgi	<i>Orthotomus sutorius</i>	Common Tailorbird	NE	LC	Syllvidae
505	74.66	15.17	Kulgi	<i>Parus major</i>	Grey tit	NE	LC	Paridae
506	74.66	15.17	Kulgi	<i>Parus major</i>	Grey tit	NE	LC	Paridae
507	74.66	15.17	Kulgi	<i>Parus xanthogenys</i>	Blacklored tit	NE	LC	Paridae
508	74.66	15.17	Kulgi	<i>Pericrocotus flammeus</i>	Orange minivet	NE	LC	Campephagidae
509	74.66	15.17	Kulgi	<i>Pericrocotus flammeus</i>	Orange minivet	NE	LC	Campephagidae
510	74.66	15.17	Kulgi	<i>Phylloscopus affinis</i>	Tickell's Leaf Warbler	NE	LC	Muscicapidae
511	74.66	15.17	Kulgi	<i>Phylloscopus trochiloides</i>	Greenish leaf warbler	NE	LC	Muscicapidae
512	74.66	15.17	Kulgi	<i>Podiceps ruficollis</i>	Little grebes	NE	LC	Podicipedidae
513	74.66	15.17	Kulgi	<i>Pseudibis papillosa</i>	Black ibis	NE	LC	Threskiornithidae

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514	74.66	15.17	Kulgi	<i>Psittacula cyanocephala</i>	Plum Headed Parakeet	NE	LC	Pssitacidae
515	74.66	15.17	Kulgi	<i>Pycnonotus cafer</i>	Red-vented Bulbul	NE	LC	Pycnonotidae
516	74.66	15.17	Kulgi	<i>Pycnonotus jacosus</i>	Red whiskered bulbul	NE	LC	Pycnonotidae
517	74.66	15.17	Kulgi	<i>Sitta frontalis</i>	Velvet fronted nuthatch	NE	LC	Sittidae
518	74.66	15.17	Kulgi	<i>Spilornis cheela</i>	Crested Serpent Eagle	NE	LC	Accipitridae
519	74.66	15.17	Kulgi	<i>Sterna aurantia</i>	River tern	NE	LC	Laridae
520	74.66	15.17	Kulgi	<i>Streptopelia chinensis</i>	Spotted dove	NE	LC	Columbridae
521	74.66	15.17	Kulgi	<i>Streptopelia senegalensis</i>	Laughing Dove	NE	LC	Columbidae
522	74.66	15.17	Kulgi	<i>Sturnus malabaricus</i>	Grey Headed Myna	NE	LC	Sturnidae
523	74.66	15.17	Kulgi	<i>Sturnus vulgaris</i>	Common Starling	NE	LC	Sturnidae
524	74.66	15.17	Kulgi	<i>Tephrodornis pondicerianus</i>	Common Woodshrike	NE	LC	Campephagidae
525	74.66	15.17	Kulgi	<i>Terpsiphone paradisi</i>	Paradise flycatcher	NE	LC	Muscicapidae
526	74.66	15.17	Kulgi	<i>Treron phoenicoptera</i>	Yellow Legged Green Pigeon	NE	LC	Columbridae
527	74.66	15.17	Kulgi	<i>Treron pompadora</i>	Pompadaur Green Pigeon	NE	LC	Columbridae
528	74.66	15.17	Kulgi	<i>Upupa cyanosis</i>	Ceyon hoopoe	NE	LC	Upupidae
529	74.66	15.17	Kulgi	<i>Upupa epops</i>	Tibetian hoopoe	NE	LC	Upupidae
530	74.66	15.17	Kulgi	<i>Zoothera citrina</i>	Orange Headed Thrush	NE	LC	Turdinae
531	74.66	15.17	Kulgi	<i>Anthracoceros coronatus</i>	Malabar Pied Hornbill	NE	NT	Bucerotidae
532	74.66	15.17	Kulgi	<i>Ichthyophaga ichthyaetus</i>	Grey headed fishing eagle	NE	NT	Accipitridae
533	74.66	15.17	Kulgi	<i>Ichthyophaga ichthyaetus</i>	Grey headed fishing eagle	NE	NT	Accipitridae
534	74.75	14.40	Lushington falls	<i>Falco vespertinus</i>	Redlegged falcon	NE	NT	Falconidae
535	74.35	14.57	Madnegeri	<i>Anas acuta</i>	pintails	NE	LC	Anatidae
536	74.35	14.57	Madnegeri	<i>anas querquadula</i>	Buewinged teal	NE	LC	Anatidae
537	74.35	14.57	Madnegeri	<i>Aythya nyroca</i>	white eyed pochard	NE	NT	Anatidae
538	75.00	14.57	Madurahai	<i>Sarkidiornis melanotos</i>	comb duck	NE	LC	Anatidae
539	74.74	14.27	Malemane	<i>Aegithina tiphia</i>	Iora	NE	LC	Irenidae
540	74.74	14.27	Malemane	<i>Bubo bengalensis</i>	Indian Great Horned Owl	NE	LC	Strigidae
541	74.74	14.27	Malemane	<i>Centropus sinensis</i>	Crow Pheasant	NE	LC	Cuculidae
542	74.74	14.27	Malemane	<i>Chalcophaps indica</i>	Emerald Dove	NE	LC	Columbidae
543	74.74	14.27	Malemane	<i>Chloropsis cochinchinensis</i>	Goldmantled chloropsis	NE	LC	Irenidae
544	74.74	14.27	Malemane	<i>Corvus splendens</i>	House Crow	NE	LC	Corvidae
545	74.74	14.27	Malemane	<i>Cuculus canorus</i>	Cuckoo	NE	LC	Cuculidae
546	74.74	14.27	Malemane	<i>Dacula aenea</i>	Green Imperial Pigeon	NE	LC	Columbidae
547	74.74	14.27	Malemane	<i>Dendrocitta vagabunda</i>	Tree pie	NE	LC	Corvidae
548	74.74	14.27	Malemane	<i>Dicrurus paradiseus</i>	Racket -tailed drongo	NE	LC	Dicruridae
549	74.74	14.27	Malemane	<i>Dinopium javanense</i>	Indian Goldenbacked three toed woodpecker	NE	LC	Picidae
550	74.74	14.27	Malemane	<i>Dryocopus javensis</i>	Great black woodpecker	NE	LC	Picidae
551	74.74	14.27	Malemane	<i>Eudynamys scolopacea</i>	Koel	NE	LC	Cuculidae
552	74.74	14.27	Malemane	<i>Gallus sonneratii</i>	Grey Jungle Fowl	NE	LC	Phasianidae
553	74.74	14.27	Malemane	<i>Gracula religiosa</i>	Hill Myna	NE	LC	Sturnidae

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554	74.74	14.27	Malemane	<i>Hemicircus canente</i>	Heart Spotted Woodpecker	NE	LC	Picidae
555	74.74	14.27	Malemane	<i>Hirundo rustica</i>	Swallow	NE	LC	Hirudinidae
556	74.74	14.27	Malemane	<i>Irena puella</i>	Fairy Blue bird	NE	LC	Irenidae
557	74.74	14.27	Malemane	<i>Loriculus vernalis</i>	Lorikeet	NE	LC	Pssitacidae
558	74.74	14.27	Malemane	<i>Megalaima viridis</i>	Small Green Barbet	NE	LC	Capitonidae
559	74.74	14.27	Malemane	<i>Megalaima zeylanica</i>	Large Green Barbet	NE	LC	Capitonidae
560	74.74	14.27	Malemane	<i>Merops orientalis</i>	Small Green Beater	NE	LC	Meropidae
561	74.74	14.27	Malemane	<i>Muscicapa ruficauda</i> (Swainson)	Redbreasted flycatcher	NE	LC	Muscicapidae
562	74.74	14.27	Malemane	<i>Myiophonus horsfieldii</i>	Malabar Whistling Thrush	NE	LC	Muscicapidae
563	74.74	14.27	Malemane	<i>Oriolus oriolus</i>	Golden oriole	NE	LC	Oriolidae
564	74.74	14.27	Malemane	<i>Pavo cristatus</i>	Common Peafowl	NE	LC	Phasianidae
565	74.74	14.27	Malemane	<i>Psittacula cyanocephala</i>	Blossom Headed parakeet	NE	LC	Pssitacidae
566	74.74	14.27	Malemane	<i>Pycnonotus cafer L.,</i>	Redvented bulbul	NE	LC	Pycnonotidae
567	74.74	14.27	Malemane	<i>Spilornis cheela</i>	Crested Serpent eagle	NE	LC	Accipitridae
568	74.74	14.27	Malemane	<i>Taccocua leschenaultii Lesson</i>	Sirkeer Cuckoo	NE	LC	Cuculidae
569	74.74	14.27	Malemane	<i>Terpsiphone paradisi</i>	Paradise Flycatcher	NE	LC	Muscicapidae
570	74.74	14.27	Malemane	<i>Treron pompadora(Gmelin)</i>	Grey Fronted Green Pigeon	NE	LC	Columbidae
571	74.74	14.27	Malemane	<i>Treron pompadora(Jerdon)</i>	Orange Breated Green Pigeon	NE	LC	Columbidae
572	74.74	14.27	Malemane	<i>Turdoides striatus</i>	Jungle babbler	NE	LC	Muscicapidae
573	74.74	14.27	Malemane	<i>Turdoides subrufus</i>	Rofous babbler	NE	LC	Muscicapidae
574	74.74	14.27	Malemane	<i>Upupa epops</i>	Hoopoe	NE	LC	Upupidae
575	74.74	14.27	Malemane	<i>Rhopocichla atriceps</i>	Blackheaded babbler	NE	LC	Muscicapidae
576	74.74	14.27	Malemane	<i>Anthracoceros malabaricus</i>	Malabar Pied Hornbill	NE	NT	Bucerotidae
577	74.74	14.27	Malemane	<i>Alcedo atthis</i>	Small Blue Kingfisher	NE	NE	Alcedinidae
578	74.74	14.27	Malemane	<i>Bubo nipalensis</i>	Forest Eagle Owl	NE	NE	Strigidae
579	74.74	14.27	Malemane	<i>Hypsipetes indicus</i>	Yellow browned bulbul	NE	NE	Pycnonotidae
580	74.74	14.27	Malemane	<i>Megalaima rubicapilla</i>	Crimson Throated Barbet	NE	NE	Capitonidae
581	74.74	14.27	Malemane	<i>Monticola solitarius</i>	Blue-rock Thrush	NE	NE	Muscicapidae
582	74.74	14.27	Malemane	<i>Muscicapa thalassina</i> (Swainson)	Verditor Flycatcher	NE	NE	Muscicapidae
583	74.74	14.27	Malemane	<i>Pericrocotus roseus</i>	Scarlet minivet	NE	NE	Campephagidae
584	74.74	14.27	Malemane	<i>Tockus griseus</i>	Malabar Grey Hornbill	NE	NE	Bucerotidae
585	74.38	14.45	Masur	<i>Anas acuta</i>	pintails	NE	LC	Anatidae
586	74.38	14.45	Masur	<i>Anas querquedula</i>	Buewinged teal	NE	LC	Anatidae
587	74.38	14.45	Masur	<i>Aythya nyroca</i>	white eyed pochard	NE	NT	Anatidae
588	74.03	14.97	Mundgod	<i>Nisaetus cirrhatus</i>	Crested hawk eagle	NE	LC	Accipitridae
589	75.03	14.97	Mundgod	<i>Nisaetus cirrhatus</i>	Crested hawk eagle	NE	LC	Accipitridae
590	75.03	14.97	Mundgod reservoirs	<i>Ardea cinerea</i>	Grey heron	NE	LC	Ardeidae
591	75.03	14.97	Mundgod reservoirs	<i>Platalea leucodia</i>	Spoonbill	NE	LC	Ardeidae
592	75.03	14.97	Mundgod reservoirs	<i>Threskiornis melanocephala</i>	White ibis	NE	NT	Ardeidae

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593	75.03	14.97	Mundgodreservoirs	<i>Ardea purpurea</i>	Purple heron	NE	LC	Ardeidae
594	75.03	14.97	Mundgodreservoirs	<i>Ardeola grayii</i>	Pond heron	NE	LC	Ardeidae
595	75.03	14.97	Mundgodreservoirs	<i>Butorides striata</i>	Little green heron	NE	LC	Ardeidae
596	75.03	14.97	Mundgodreservoirs	<i>Egretta gularis</i>	Indian reef heron	NE	LC	Ardeidae
597	75.03	14.97	Mundgodreservoirs	<i>Nycticorax nycticorax</i>	Night herons	NE	LC	Ardeidae
598	74.79	14.27	Mundigethagu	<i>Aegithina tiphia</i>	Iora	NE	LC	Irenidae
599	74.79	14.27	Mundigethagu	<i>Bubo bengalensis</i>	Indian Great Horned Owl	NE	LC	Strigidae
600	74.79	14.27	Mundigethagu	<i>Centropus sinensis</i>	Crow Pheasant	NE	LC	Cuculidae
601	74.79	14.27	Mundigethagu	<i>Chalcophaps indica</i>	Emerald Dove	NE	LC	Columbidae
602	74.79	14.27	Mundigethagu	<i>Chloropsis cochinchinensis</i>	Goldmantled chloropsis	NE	LC	Irenidae
603	74.79	14.27	Mundigethagu	<i>Corvus splendens</i>	House Crow	NE	LC	Corvidae
604	74.79	14.27	Mundigethagu	<i>Cuculus canorus</i>	Cuckoo	NE	LC	Cuculidae
605	74.79	14.27	Mundigethagu	<i>Dacula aenea</i>	Green Imperial Pigeon	NE	LC	Columbidae
606	74.79	14.27	Mundigethagu	<i>Dendrocitta vagabunda</i>	Tree pie	NE	LC	Corvidae
607	74.79	14.27	Mundigethagu	<i>Dicrurus paradiseus</i>	Racket -tailed drongo	NE	LC	Dicruridae
608	74.79	14.27	Mundigethagu	<i>Dinopium javanense</i>	Indian Goldenbacked three toed woodpecker	NE	LC	Picidae
609	74.79	14.27	Mundigethagu	<i>Dryocopus javensis</i>	Great black woodpecker	NE	LC	Picidae
610	74.79	14.27	Mundigethagu	<i>Eudynamys scolopacea</i>	Koel	NE	LC	Cuculidae
611	74.79	14.27	Mundigethagu	<i>Gallus sonneratii</i>	Grey Jungle Fowl	NE	LC	Phasianidae
612	74.79	14.27	Mundigethagu	<i>Gracula religiosa</i>	Hill Myna	NE	LC	Sturnidae
613	74.79	14.27	Mundigethagu	<i>Hemicircus canente</i>	Heart Spotted Woodpecker	NE	LC	Picidae
614	74.79	14.27	Mundigethagu	<i>Hirundo rustica</i>	Swallow	NE	LC	Hirudinidae
615	74.79	14.27	Mundigethagu	<i>Irena puella</i>	Fairy Blue bird	NE	LC	Irenidae
616	74.79	14.27	Mundigethagu	<i>Loriculus vernalis</i>	Lorikeet	NE	LC	Pssitacidae
617	74.79	14.27	Mundigethagu	<i>Megalaima viridis</i>	Small Green Barbet	NE	LC	Capitonidae
618	74.79	14.27	Mundigethagu	<i>Megalaima zeylanica</i>	Large Green Barbet	NE	LC	Capitonidae
619	74.79	14.27	Mundigethagu	<i>Merops orientalis</i>	Small Green Beater	NE	LC	Meropidae
620	74.79	14.27	Mundigethagu	<i>Muscicapa ruficauda (Swainson)</i>	Redbreasted flycatcher	NE	LC	Muscicapidae
621	74.79	14.27	Mundigethagu	<i>Myiophonus horsfieldii</i>	Malabar Whistling Thrush	NE	LC	Muscicapidae
622	74.79	14.27	Mundigethagu	<i>Oriolus oriolus</i>	Golden oriole	NE	LC	Oriolidae
623	74.79	14.27	Mundigethagu	<i>Pavo cristatus</i>	Common Peafowl	NE	LC	Phasianidae
624	74.79	14.27	Mundigethagu	<i>Psittacula cyanocephala</i>	Blossom Headed parakeet	NE	LC	Pssitacidae
625	74.79	14.27	Mundigethagu	<i>Pycnonotus cafer L.,</i>	Redvented bulbul	NE	LC	Pycnonotidae
626	74.79	14.27	Mundigethagu	<i>Spilornis cheela</i>	Crested Serpent eagle	NE	LC	Accipitridae
627	74.79	14.27	Mundigethagu	<i>Taccocua leschenaultii Lesson</i>	Sirkeer Cuckoo	NE	LC	Cuculidae
628	74.79	14.27	Mundigethagu	<i>Terpsiphone paradisi</i>	Paradise Flycatcher	NE	LC	Muscicapidae
629	74.79	14.27	Mundigethagu	<i>Treron pompadora(Gmelin)</i>	Grey Fronted Green Pigeon	NE	LC	Columbidae
630	74.79	14.27	Mundigethagu	<i>Treron pompadora(Jerdon)</i>	Orange Breated Green Pigeon	NE	LC	Columbidae
631	74.79	14.27	Mundigethagu	<i>Turdoides striatus</i>	Jungle babbler	NE	LC	Muscicapidae

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632	74.79	14.27	Mundigethagu	<i>Turdoides subrufus</i>	Rofous babbler	NE	LC	Muscicapidae
633	74.79	14.27	Mundigethagu	<i>Upupa epops</i>	Hoopoe	NE	LC	Upupidae
634	74.79	14.27	Mundigethagu	<i>Rhopocichla atriceps</i>	Blackheaded babbler	NE	LC	Muscicapidae
635	74.79	14.27	Mundigethagu	<i>Anthracoceros malabaricus</i>	Malabar Pied Hornbill	NE	NT	Bucerotidae
636	74.79	14.27	Mundigethagu	<i>Alcedo atthis</i>	Small Blue Kingfisher	NE	NE	Alcedinidae
637	74.79	14.27	Mundigethagu	<i>Bubo nipalensis</i>	Forest Eagle Owl	NE	NE	Strigidae
638	74.79	14.27	Mundigethagu	<i>Hypsipetes indicus</i>	Yellow browned bulbul	NE	NE	Pycnonotidae
639	74.79	14.27	Mundigethagu	<i>Megalaima rubicapilla</i>	Crimson Throated Barbet	NE	NE	Capitonidae
640	74.79	14.27	Mundigethagu	<i>Monticola solitarius</i>	Blue-rock Thrush	NE	NE	Muscicapidae
641	74.79	14.27	Mundigethagu	<i>Muscicapa thalassina Swainson</i>	Verditor Flycatcher	NE	NE	Muscicapidae
642	74.79	14.27	Mundigethagu	<i>Pericrocotus roseus</i>	Scarlet minivet	NE	NE	Campephagidae
643	74.79	14.27	Mundigethagu	<i>Tockus griseus</i>	Malabar Grey Hornbill	NE	NE	Bucerotidae
644	74.64	13.80	Nagur	<i>Accipitor nisus</i>	Asiatic sparrow hawk	NE	LC	Accipiteridae
645	74.64	13.80	Nagur	<i>Alcippe poioicephala</i>	Nilgiri quaker babbler	NE	LC	Muscicapidae
646	74.64	13.80	Nagur	<i>Corvus macrorhynchos</i>	Jungle crow	NE	LC	Corvidae
647	74.64	13.80	Nagur	<i>Dicrurus paradiseus</i>	Racket-tailed drongo	NE	LC	Dicruridae
648	74.64	13.80	Nagur	<i>Diecaeaum concolor</i>	Nilgiri flower pecker	NE	LC	Dicaeidae
649	74.64	13.80	Nagur	<i>Dinopium javanense</i>	Three toed goldenblack woodpecker	NE	LC	Picidae
650	74.64	13.80	Nagur	<i>Gracula religiosa</i>	Hill myna	NE	LC	Sturnidae
651	74.64	13.80	Nagur	<i>Acritillas indica</i>	Yellow browned bulbul	NE	LC	Pycnonotidae
652	74.64	13.80	Nagur	<i>Hypsipetes Leucocephalus</i>	Black bulbul	NE	LC	Pycnonotidae
653	74.64	13.80	Nagur	<i>Irena puella</i>	Fairy bluebird	NE	LC	Irenidae
654	74.64	13.80	Nagur	<i>Loriculus vernalis</i>	Loriquet	NE	LC	Pssitacidae
655	74.64	13.80	Nagur	<i>Cyornis pallipes</i>	White bellied blue flycatcher	NE	LC	Muscicapidae
656	74.64	13.80	Nagur	<i>Megalaima viridis</i>	Small green barbet	NE	LC	Capitonidae
657	74.64	13.80	Nagur	<i>Megalaima rubricapillus</i>	Crimson throated barbet	NE	LC	Capitonidae
658	74.64	13.80	Nagur	<i>Milvus lineatus</i>	Large indian kite	NE	LC	Accipiteridae
659	74.64	13.80	Nagur	<i>Ficedula parva</i>	Redbreasted flycatcher	NE	LC	Muscicapidae
660	74.64	13.80	Nagur	<i>Nectarinia minima</i>	Small sunbird	NE	LC	Nectariniidae
661	74.64	13.80	Nagur	<i>Oriolus oriolus</i>	Golden oriole	NE	LC	Orioidae
662	74.64	13.80	Nagur	<i>Oriolus xanthornus</i>	Black headed oriole	NE	LC	Oriolidae
663	74.64	13.80	Nagur	<i>P.columboides</i>	Blue winged parakeet	NE	LC	Pssitacidae
664	74.64	13.80	Nagur	<i>Pericrocotus flammeus</i>	Orange minivet	NE	LC	Campephagidae
665	74.64	13.80	Nagur	<i>Phylloscopus trochiloides</i>	Greenish leaf warbler	NE	LC	Muscicapidae
666	74.64	13.80	Nagur	<i>Psittacula cyanocephala</i>	Blossom Headed Parakeet	NE	LC	Pssitacidae
667	74.64	13.80	Nagur	<i>Terpsiphone paradisi</i>	Paradise flycatcher	NE	LC	Muscicapidae
668	74.64	13.80	Nagur	<i>Ocyrceros griseus</i>	Malabar Grey hornbill	NE	LC	Bucerotidae
669	74.64	13.80	Nagur	<i>Treron pompadora</i>	Grey fronted green pigeon	NE	LC	Columbridae
670	74.64	13.80	Nagur	<i>Ropocichla atriceps</i>	Black headed babbler	NE	LC	Muscicapidae
671	74.63	15.15	Nagzhari	<i>Acridotheres fuscus</i>	Jungle Myna	NE	LC	Sturnidae
672	74.63	15.15	Nagzhari	<i>Acrocephalus dumetorum</i>	Blyth reed warbler	NE	LC	Muscicapidae

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673	74.63	15.15	Nagzhari	<i>Actitis hypoleucos</i>	Common Sandpiper	NE	LC	Scolopacidae
674	74.63	15.15	Nagzhari	<i>Aegithina tiphia</i>	Iora	NE	LC	Irenidae
675	74.63	15.15	Nagzhari	<i>Alauda gangula</i>	Indian small skylark	NE	LC	Alaudidae
676	74.63	15.15	Nagzhari	<i>Alcippe poiocephala</i>	Nilgiri quaker babbler	NE	LC	Muscicapidae
677	74.63	15.15	Nagzhari	<i>Amauromis phoenicurus</i>	White Breasted Waterhen	NE	LC	Rallidae
678	74.63	15.15	Nagzhari	<i>Apus affinis</i>	House swift	NE	LC	Apodidae
679	74.63	15.15	Nagzhari	<i>Ardea alba</i>	Large egret	NE	LC	Ardeidae
680	74.63	15.15	Nagzhari	<i>Ardeola grayii</i>	Pond heron	NE	LC	Ardeidae
681	74.63	15.15	Nagzhari	<i>Bubo coromandus</i>	Dusky horned owl	NE	LC	Strigidae
682	74.63	15.15	Nagzhari	<i>Carpodacus erythrinus</i>	Common Rosefinch	NE	LC	Fringilidae
683	74.63	15.15	Nagzhari	<i>Centropus sinensis</i>	Lesser coucal	NE	LC	Cuculidae
684	74.63	15.15	Nagzhari	<i>Centropus sinensis</i>	Lesser coucal	NE	LC	Cuculidae
685	74.63	15.15	Nagzhari	<i>Chalcophaps indica</i>	Emerald dove	NE	LC	Columbridae
686	74.63	15.15	Nagzhari	<i>Chloropsis aurifrons</i>	Golden fronted chloropsis	NE	LC	Irenidae
687	74.63	15.15	Nagzhari	<i>Cinnyris asiaticus</i>	Purple Sunbird	NE	LC	Nectarinidae
688	74.63	15.15	Nagzhari	<i>Copsychus malabaricus</i>	Malabar shama	NE	LC	Muscicapidae
689	74.63	15.15	Nagzhari	<i>Copsychus saularis</i>	Magpie Robin	NE	LC	Muscicapidae
690	74.63	15.15	Nagzhari	<i>Copsychus saularis</i>	Magpie Robin	NE	LC	Muscicapidae
691	74.63	15.15	Nagzhari	<i>Corvus macrorhynchos</i>	Jungle crow	NE	LC	Corvidae
692	74.63	15.15	Nagzhari	<i>Corvus splendens</i>	House Crow	NE	LC	Corvidae
693	74.63	15.15	Nagzhari	<i>Cyornis tickelliae</i>	Tickell's Bue flycatcher	NE	LC	Muscicapidae
694	74.63	15.15	Nagzhari	<i>Dendrocitta vagabunda</i>	Indian Treepie	NE	LC	Corvidae
695	74.63	15.15	Nagzhari	<i>Dicaeum erythrorhynchos</i>	Tickell's Flowerpecker	NE	LC	Dicaeidae
696	74.63	15.15	Nagzhari	<i>Dicrurus macrocercus</i>	Black Drongo	NE	LC	Dicruridae
697	74.63	15.15	Nagzhari	<i>Dicrurus macrocercus</i>	Black Drongo	NE	LC	Dicruridae
698	74.63	15.15	Nagzhari	<i>Dicrurus paradiseus</i>	Greater Racket Tailed Drongo	NE	LC	Dicruridae
699	74.63	15.15	Nagzhari	<i>Dinopium benghalense</i>	Lesser Goldenbacked Woodpecker	NE	LC	Picidae
700	74.63	15.15	Nagzhari	<i>Dinopium javanense</i>	Three toed goldenbacked woodpecker	NE	LC	Picidae
701	74.63	15.15	Nagzhari	<i>Egretta garzetta</i>	Little Egret	NE	LC	Ardeidae
702	74.63	15.15	Nagzhari	<i>Amandava amandava</i>	Red munia	NE	LC	Fringilidae
703	74.63	15.15	Nagzhari	<i>Eumyias thalassinus</i>	Verditor Flycatcher	NE	LC	Muscicapidae
704	74.63	15.15	Nagzhari	<i>Ficedula parva</i>	Black and Orange Flycatcher	NE	LC	Muscicapidae
705	74.63	15.15	Nagzhari	<i>Gallus sonneratii</i>	Grey jungle fowl	NE	LC	Phasianidae
706	74.63	15.15	Nagzhari	<i>Glareola lactea</i>	Small indian pratincole	NE	LC	Glareolidae
707	74.63	15.15	Nagzhari	<i>Halcyon capensis</i>	kingfisher	NE	LC	Alcedenidae
708	74.63	15.15	Nagzhari	<i>Halcyon pileata</i>	kingfisher	NE	LC	Alcedenidae
709	74.63	15.15	Nagzhari	<i>Halcyon smyrnensis</i>	White breasted kingfisher	NE	LC	Alcedenidae
710	74.63	15.15	Nagzhari	<i>Haliastur indus</i>	Brahminy Kite	NE	LC	Accipitridae
711	74.63	15.15	Nagzhari	<i>Haliaeetus leucogaster</i>	White bellied sea eagle	NE	LC	Accipitridae
712	74.63	15.15	Nagzhari	<i>Harpactes fasciatus</i>	Malabar trogon	NE	LC	Trogonidae
713	74.63	15.15	Nagzhari	<i>Hemicircus canente</i>	Heart spotted woodpecker	NE	LC	Picidae

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714	74.63	15.15	Nagzhari	<i>Hemipus picatus</i>	Pied flycatcher shrike	NE	LC	Campephagidae
715	74.63	15.15	Nagzhari	<i>Hirundo smithii</i>	Wire Tailed Swallow	NE	LC	Hirudinidae
716	74.63	15.15	Nagzhari	<i>Hydrophasianus chirurgus</i>	Pheasant tailed jacana	NE	LC	Jacanidae
717	74.63	15.15	Nagzhari	<i>Lanius collurio</i>	Red-backed Shrike	NE	LC	Lanidae
718	74.63	15.15	Nagzhari	<i>Lanius cristatus</i>	Brown Shrike	NE	LC	Lanidae
719	74.63	15.15	Nagzhari	<i>Leptocoma zeylonica</i>	Purple-rumped Sunbird	NE	LC	Nectarinidae
720	74.63	15.15	Nagzhari	<i>Lonchura kelaarti</i>	Black Throated Munia	NE	LC	Ploceidae
721	74.63	15.15	Nagzhari	<i>Lonchura striata</i>	White backed Munia	NE	LC	Ploceidae
722	74.63	15.15	Nagzhari	<i>Loriculus vernalis</i>	Indian Lorikeet	NE	LC	Pssitacidae
723	74.63	15.15	Nagzhari	<i>Megalaima rubricapillus</i>	Crimson throated barbet	NE	LC	Capitonidae
724	74.63	15.15	Nagzhari	<i>Megalaima viridis</i>	Small Green Barbet	NE	LC	Capitonidae
725	74.63	15.15	Nagzhari	<i>Megalaima rubricapilla</i>	Crimson throated Barbet	NE	LC	Capitonidae
726	74.63	15.15	Nagzhari	<i>Metopidius indicus</i>	Bronzewinged jacanas	NE	LC	Jacanidae
727	74.63	15.15	Nagzhari	<i>Muscicapa daurica</i>	Brown Flycatcher	NE	LC	Muscicapidae
728	74.63	15.15	Nagzhari	<i>Myiophonus horsfieldii</i>	Malabar whistling thrush	NE	LC	Turdinae
729	74.63	15.15	Nagzhari	<i>Ocyercos birostris</i>	Indian Grey Hornbill	NE	LC	Coraciiformes
730	74.63	15.15	Nagzhari	<i>Oriolus xanthornus</i>	Back Headed Oriole	NE	LC	Oriolidae
731	74.63	15.15	Nagzhari	<i>Orthotomus sutorius</i>	Common Tailorbird	NE	LC	Syllividae
732	74.63	15.15	Nagzhari	<i>Parus major</i>	Grey tit	NE	LC	Paridae
733	74.63	15.15	Nagzhari	<i>Parus major</i>	Grey tit	NE	LC	Paridae
734	74.63	15.15	Nagzhari	<i>Parus xanthogenys</i>	Blacklored tit	NE	LC	Paridae
735	74.63	15.15	Nagzhari	<i>Pericrocotus flammeus</i>	Orange minivet	NE	LC	Campephagidae
736	74.63	15.15	Nagzhari	<i>Pericrocotus flammeus</i>	Orange minivet	NE	LC	Campephagidae
737	74.63	15.15	Nagzhari	<i>Phylloscopus affinis</i>	Tickell's Leaf Warbler	NE	LC	Muscicapidae
738	74.63	15.15	Nagzhari	<i>Phylloscopus trochiloides</i>	Greenish leaf warbler	NE	LC	Muscicapidae
739	74.63	15.15	Nagzhari	<i>Podiceps ruficollis</i>	Little grebes	NE	LC	Podicipedidae
740	74.63	15.15	Nagzhari	<i>Pseudibis papillosa</i>	Black ibis	NE	LC	Threskiornithidae
741	74.63	15.15	Nagzhari	<i>Psittacula cyanocephala</i>	Plum Headed Parakeet	NE	LC	Pssitacidae
742	74.63	15.15	Nagzhari	<i>Pycnonotus cafer</i>	Red-vented Bulbul	NE	LC	Pycnonotidae
743	74.63	15.15	Nagzhari	<i>Pycnonotus jacosus</i>	Red whiskered bulbul	NE	LC	Pycnonotidae
744	74.63	15.15	Nagzhari	<i>Sitta frontalis</i>	Velvet fronted nuthatch	NE	LC	Sittidae
745	74.63	15.15	Nagzhari	<i>Spilornis cheela</i>	Crested Serpent Eagle	NE	LC	Accipitridae
746	74.63	15.15	Nagzhari	<i>Sterna aurantia</i>	River tern	NE	LC	Laridae
747	74.63	15.15	Nagzhari	<i>Streptopelia chinensis</i>	Spotted dove	NE	LC	Columbridae
748	74.63	15.15	Nagzhari	<i>Streptopelia senegalensis</i>	Laughing Dove	NE	LC	Columbidae
749	74.63	15.15	Nagzhari	<i>Sturnus malabaricus</i>	Grey Headed Myna	NE	LC	Sturnidae
750	74.63	15.15	Nagzhari	<i>Sturnus vulgaris</i>	Common Starling	NE	LC	Sturnidae
751	74.63	15.15	Nagzhari	<i>Tephrodornis pondicerianus</i>	Common Woodshrike	NE	LC	Campephagidae
752	74.63	15.15	Nagzhari	<i>Terpsiphone paradisi</i>	Paradise flycatcher	NE	LC	Muscicapidae
753	74.63	15.15	Nagzhari	<i>Treron phoenicoptera</i>	Yellow Legged Green Pigeon	NE	LC	Columbridae
754	74.63	15.15	Nagzhari	<i>Treron pompadora</i>	Pompadaur Green Pigeon	NE	LC	Columbridae

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755	74.63	15.15	Nagzhari	<i>Upupa cyanosis</i>	Ceyon hoopoe	NE	LC	Upupidae
756	74.63	15.15	Nagzhari	<i>Upupa epops</i>	Tibetan hoopoe	NE	LC	Upupidae
757	74.63	15.15	Nagzhari	<i>Zoothera citrina</i>	Orange Headed Thrush	NE	LC	Turdinae
758	74.63	15.15	Nagzhari	<i>Anthraceros coronatus</i>	Malabar Pied Hornbill	NE	NT	Bucerotidae
759	74.63	15.15	Nagzhari	<i>Ichthyophaga ichhyaetus</i>	Grey headed fishing eagle	NE	NT	Accipitridae
760	74.63	15.15	Nagzhari	<i>Ichthyophaga ichhyaetus</i>	Grey headed fishing eagle	NE	NT	Accipitridae
761	74.33	14.55	Saniketta	<i>Anas acuta</i>	pintails	NE	LC	Anatidae
762	74.33	14.55	Saniketta	<i>Anas querquedula</i>	Buewinged teal	NE	LC	Anatidae
763	74.33	14.55	Saniketta	<i>Ciconia nigra</i>	Black stork	NE	LC	Ciconidae
764	74.33	14.55	Saniketta	<i>Larus genei</i>	Senderbilled gull	NE	LC	Laridae
765	74.33	14.55	Saniketta	<i>Aythya nyroca</i>	white eyed pochard	NE	NT	Anatidae
766	74.76	14.48	Scrubland habitat	<i>Ardeotis nigriceps</i>	Great Indian bustard	NE	CR	Turnicidae
767	74.80	14.47	Scrubland habitat	<i>Houbaropsis bengalensis</i>	Bengal florican	NE	CR	Otitidae
768	74.82	14.39	Scrubland habitat	<i>Rhinoptilus bitorquatus</i>	Jerdons courser	NE	CR	Glareolidae
769	74.83	14.62	Sirsi	<i>Cuculus canorus</i>	cukoo	NE	LC	Cuculidae
770	74.83	14.62	Sirsi	<i>Fulica atra</i>	coot	NE	LC	Rallidae
771	74.83	14.62	Sirsi	<i>Nectarinia lotenia</i>	Maroon breasted sunbird	NE	LC	Nectariniidae
772	74.83	14.62	Sirsi	<i>Parus xanthogenys</i>	Yellow cheeked tit	NE	LC	Paridae
773	74.83	14.62	Sirsi	<i>Podiceps ruficollis</i>	Little grebes	NE	LC	Podicipedidae
774	74.83	14.62	Sirsi	<i>Podiceps ruficollis</i>	Dabchick	NE	LC	Podicipedidae
775	74.78	14.72	Sonda	<i>Ardeola grayii</i>	Pond heron	NE	LC	Ardeidae
776	74.78	14.72	Sonda	<i>Alcippe poioicephala</i>	Nilgiri quaker babbler	NE	LC	Muscicapidae
777	74.78	14.72	Sonda	<i>Apus affinis</i>	House swift	NE	LC	Apopidae
778	74.78	14.72	Sonda	<i>Delicon urbicum</i>	House martin	NE	LC	Hirundinidae
779	74.78	14.72	Sonda	<i>Dicaeum concolor</i>	Niliri flower pecker	NE	LC	Dicaeidae
780	74.78	14.72	Sonda	<i>Dicrurus aeneus</i>	Bronzed drongo	NE	LC	Dicruridae
781	74.78	14.72	Sonda	<i>Dicrurus paradiseus</i>	Racket-tailed drongo	NE	LC	Dicruridae
782	74.78	14.72	Sonda	<i>Dinopium benghalense</i>	Golden backed three toad woodpecker	NE	LC	Picidae
783	74.78	14.72	Sonda	<i>Hemicircus canente</i>	Heart spotted woodpecker	NE	LC	Picidae
784	74.78	14.72	Sonda	<i>Hemiprocne longipennis</i>	Crested tree swift	NE	LC	Apopidae
785	74.78	14.72	Sonda	<i>Acritillas indica</i>	Yellow browned bulbul	NE	LC	Pycnonotidae
786	74.78	14.72	Sonda	<i>Hypsipetes Leucocephalus</i>	Black bulbul	NE	LC	Pycnonotidae
787	74.78	14.72	Sonda	<i>Irena puella</i>	Fairy bluebird	NE	LC	Irenidae
788	74.78	14.72	Sonda	<i>Loriculus vernalis</i>	Loriquet	NE	LC	Pssitacidae
789	74.78	14.72	Sonda	<i>Megalaima viridis</i>	Small green barbet	NE	LC	Capitonidae
790	74.78	14.72	Sonda	<i>Nectarine minima</i>	Small sunbird	NE	LC	Nectariniidae
791	74.78	14.72	Sonda	<i>Nectarinia asiatica</i>	Purple sunbird	NE	LC	Nectariniidae
792	74.78	14.72	Sonda	<i>P.cinnamoneus</i>	Small minivet	NE	LC	Campephagidae
793	74.78	14.72	Sonda	<i>Pericrocotus flammeus</i>	Orange minivet	NE	LC	Campephagidae
794	74.78	14.72	Sonda	<i>Phylloscopus trochiloides</i>	Greenish leaf warbler	NE	LC	Muscicapidae
795	74.78	14.72	Sonda	<i>Psittacula cyanocephala</i>	Blossom Headed Parakeet	NE	LC	Pssitacidae

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796	74.78	14.72	Sonda	<i>Sitta frontalis</i>	Velvet fronted nutchhatch	NE	LC	Sittidae
797	74.78	14.72	Sonda	<i>Terpsiphone gularis</i>	Malabar wood shrike	NE	LC	Campephagidae
798	74.78	14.72	Sonda	<i>Terpsiphone paradisi</i>	Paradise flycatcher	NE	LC	Muscicapidae
799	74.84	14.47	Teak plantation	<i>Chrysocolaptes festivus</i>	Indian Blackbacked woodpecker	NE	LC	Picidae
800	74.84	14.41	Teak plantation	<i>Dryocopus javensis</i>	Indian Great Black woodpecker	NE	LC	Picidae
801	74.87	14.46	Teak plantation	<i>Micropternus brachyurus</i>	Rofous Woodpecker	NE	LC	Picidae
802	74.79	14.27	Torme	<i>Aegithina tiphia</i>	Iora	NE	LC	Irenidae
803	74.79	14.27	Torme	<i>Bubo bengalensis</i>	Indian Great Horned Owl	NE	LC	Strigidae
804	74.79	14.27	Torme	<i>Centropus sinensis</i>	Crow Pheasant	NE	LC	Cuculidae
805	74.79	14.27	Torme	<i>Chalcophaps indica</i>	Emerald Dove	NE	LC	Columbidae
806	74.79	14.27	Torme	<i>Chloropsis cochinchinensis</i>	Goldmantled chloropsis	NE	LC	Irenidae
807	74.79	14.27	Torme	<i>Corvus splendens</i>	House Crow	NE	LC	Corvidae
808	74.79	14.27	Torme	<i>Cuculus canorus</i>	Cuckoo	NE	LC	Cuculidae
809	74.79	14.27	Torme	<i>Dacula aenea</i>	Green Imperial Pigeon	NE	LC	Columbidae
810	74.79	14.27	Torme	<i>Dendrocitta vagabunda</i>	Tree pie	NE	LC	Corvidae
811	74.79	14.27	Torme	<i>Dicrurus paradiseus</i>	Racket -tailed drongo	NE	LC	Dicruridae
812	74.79	14.27	Torme	<i>Dinopium javanense</i>	Indian Goldenbacked three toed woodpecker	NE	LC	Picidae
813	74.79	14.27	Torme	<i>Dryocopus javensis</i>	Great black woodpecker	NE	LC	Picidae
814	74.79	14.27	Torme	<i>Eudynamys scolopacea</i>	Koel	NE	LC	Cuculidae
815	74.79	14.27	Torme	<i>Gallus sonneratii</i>	Grey Jungle Fowl	NE	LC	Phasianidae
816	74.79	14.27	Torme	<i>Gracula religiosa</i>	Hill Myna	NE	LC	Sturnidae
817	74.79	14.27	Torme	<i>Hemicircus canente</i>	Heart Spotted Woodpecker	NE	LC	Picidae
818	74.79	14.27	Torme	<i>Hirundo rustica</i>	Swallow	NE	LC	Hirudinidae
819	74.79	14.27	Torme	<i>Irena puella</i>	Fairy Blue bird	NE	LC	Irenidae
820	74.79	14.27	Torme	<i>Loriculus vernalis</i>	Lorikeet	NE	LC	Pssitacidae
821	74.79	14.27	Torme	<i>Megalaima viridis</i>	Small Green Barbet	NE	LC	Capitonidae
822	74.79	14.27	Torme	<i>Megalaima zeylanica</i>	Large Green Barbet	NE	LC	Capitonidae
823	74.79	14.27	Torme	<i>Merops orientalis</i>	Small Green Beater	NE	LC	Meropidae
824	74.79	14.27	Torme	<i>Muscicapa ruficauda (Swainson)</i>	Redbreasted flycatcher	NE	LC	Muscicapidae
825	74.79	14.27	Torme	<i>Myiophonus horsfieldii</i>	Malabar Whistling Thrush	NE	LC	Muscicapidae
826	74.79	14.27	Torme	<i>Oriolus oriolus</i>	Golden oriole	NE	LC	Oriolidae
827	74.79	14.27	Torme	<i>Pavo cristatus</i>	Common Peafowl	NE	LC	Phasianidae
828	74.79	14.27	Torme	<i>Psittacula cyanocephala</i>	Blossom Headed parakeet	NE	LC	Pssitacidae
829	74.79	14.27	Torme	<i>Pycnonotus cafer L.,</i>	Redvented bulbul	NE	LC	Pycnonotidae
830	74.79	14.27	Torme	<i>Spilornis cheela</i>	Crested Serpent eagle	NE	LC	Accipitridae
831	74.79	14.27	Torme	<i>Taccocua leschenaultii Lesson</i>	Sirkeer Cuckoo	NE	LC	Cuculidae
832	74.79	14.27	Torme	<i>Terpsiphone paradisi</i>	Paradise Flycatcher	NE	LC	Muscicapidae
833	74.79	14.27	Torme	<i>Treron pompadora(Gmelin)</i>	Grey Fronted Green Pigeon	NE	LC	Columbidae
834	74.79	14.27	Torme	<i>Treron pompadora(Jerdon)</i>	Orange Breated Green Pigeon	NE	LC	Columbidae

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835	74.79	14.27	Torme	<i>Turdoides striatus</i>	Jungle babbler	NE	LC	Muscicapidae
836	74.79	14.27	Torme	<i>Turdoides subrufus</i>	Rofous babbler	NE	LC	Muscicapidae
837	74.79	14.27	Torme	<i>Upupa epops</i>	Hoopoe	NE	LC	Upupidae
838	74.79	14.27	Torme	<i>Rhopocichla atriceps</i>	Blackheaded babbler	NE	LC	Muscicapidae
839	74.79	14.27	Torme	<i>Anthracoceros malabaricus</i>	Malabar Pied Hornbill	NE	NT	Bucerotidae
840	74.79	14.27	Torme	<i>Alcedo atthis</i>	Small Blue Kingfisher	NE	NE	Alcedinidae
841	74.79	14.27	Torme	<i>Bubo nipalensis</i>	Forest Eagle Owl	NE	NE	Strigidae
842	74.79	14.27	Torme	<i>Hypsipetes indicus</i>	Yellow browned bulbul	NE	NE	Pycnonotidae
843	74.79	14.27	Torme	<i>Megalaima rubicapilla</i>	Crimson Throated Barbet	NE	NE	Capitonidae
844	74.79	14.27	Torme	<i>Monticola solitarius</i>	Blue-rock Thrush	NE	NE	Muscicapidae
845	74.79	14.27	Torme	<i>Muscicapa thalassina</i> (Swainson)	Verditor Flycatcher	NE	NE	Muscicapidae
846	74.79	14.27	Torme	<i>Pericrocotus roseus</i>	Scarlet minivet	NE	NE	Campephagidae
847	74.79	14.27	Torme	<i>Tockus griseus</i>	Malabar Grey Hornbill	NE	NE	Bucerotidae
848	74.72	14.95	Yellapuraa	<i>Ciconia nigra</i>	Black stork	NE	LC	Ciconidae

Butterfly - Endemic							
S.no	Longitude	Latitude	Locations	Scientific name	Common name	E / NE	Family
1	74.25	14.97	Dandeli wildlife sanctuary	<i>Papilio liomedon</i>	Malabar Banded Swallow Tail	E	Papilionidae
2	74.25	14.97	Dandeli wildlife sanctuary	<i>Troides minos</i>	Southern Birdwing	E	Papilionidae
3	74.25	14.97	Dandeli wildlife sanctuary	<i>Kallima horsefieldii</i>	Blue Oak fly	E	Pieridae
4	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Sarangesa purendra</i>	Spotted Small flat	E	Hesperiidae
5	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Pchliopta pandiyana</i>	Malabar Rose	E	Papilionidae
6	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Papilio dravidarum</i>	Malaber raven	E	Papilionidae
7	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Troides minos</i>	Southern Birdwing	E	Papilionidae
8	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Idea malabarica</i>	Malabar tree nymph	E	Pieridae
9	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Kallima horsefieldii</i>	South indian blue oak leaf	E	Pieridae
10	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Papilio liomedon</i>	Malabar branded swallow tail	E/WG	Papilionidae
11	74.68	14.35	Papilionidae	<i>Papilio liomedon</i>	Malabar branded swallow tail	E	Lepidoptera
12	74.68	14.35	Papilionidae	<i>Papilio dravidarum</i>	Malaber raven	E	Lepidoptera
13	74.68	14.35	Papilionidae	<i>Troides minos</i>	Southern Birdwing	E	Lepidoptera
14	74.68	14.35	Nymphalidae	<i>Tamil catseye</i>	Zipoetis saitis	E/WG	Lepidoptera
15	74.68	14.35	Protoneuridae	<i>Phylloneura westermanii</i>	Myristica swamp Bamboo tail	E	Odonata
16	74.68	14.35	Euphaeidae	<i>Euphaea fraseri</i>	Malabar torent dart	E	Odonata
17	74.68	14.35	Platystictidae	<i>Protosticta graveyi</i>	Pied reed tail	E	Odonata
18	74.74	14.27	Papilionidae	<i>Papilio liomedon</i>	Malabar branded swallow tail	E	Lepidoptera
19	74.74	14.27	Papilionidae	<i>Papilio dravidarum</i>	Malaber raven	E	Lepidoptera
20	74.74	14.27	Papilionidae	<i>Troides minos</i>	Southern Birdwing	E	Lepidoptera
21	74.74	14.27	Nymphalidae	<i>Tamil catseye</i>	Zipoetis saitis	E/WG	Lepidoptera
22	74.74	14.27	Protoneuridae	<i>Phylloneura westermanii</i>	Myristica swamp Bamboo tail	E	Odonata
23	74.74	14.27	Euphaeidae	<i>Euphaea fraseri</i>	Malabar torent dart	E	Odonata

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24	74.74	14.27	Platystictidae	<i>Protosticta graveleyi</i>	Pied reed tail	E	Odonata
25	74.75	14.28	Papilionidae	<i>Papilio liomedon</i>	Malabar branded swallow tail	E	Lepidoptera
26	74.75	14.28	Papilionidae	<i>Papilio dravidarum</i>	Malaber raven	E	Lepidoptera
27	74.75	14.28	Papilionidae	<i>Troides minos</i>	Southern Birdwing	E	Lepidoptera
28	74.75	14.28	Nymphalidae	<i>Tamil catseye</i>	Zipoetis saitis	E/WG	Lepidoptera
29	74.75	14.28	Protoneuridae	<i>Phylloneura westermanii</i>	Myristica swamp Bamboo tail	E	Odonata
30	74.75	14.28	Euphaeidae	<i>Euphaea fraseri</i>	Malabar torent dart	E	Odonata
31	74.75	14.28	Platystictidae	<i>Protosticta graveleyi</i>	Pied reed tail	E	Odonata
32	74.79	14.27	Papilionidae	<i>Papilio liomedon</i>	Malabar branded swallow tail	E	Lepidoptera
33	74.79	14.27	Papilionidae	<i>Papilio liomedon</i>	Malabar branded swallow tail	E	Lepidoptera
34	74.79	14.27	Papilionidae	<i>Papilio dravidarum</i>	Malaber raven	E	Lepidoptera
35	74.79	14.27	Papilionidae	<i>Troides minos</i>	Southern Birdwing	E	Lepidoptera
36	74.79	14.27	Papilionidae	<i>Papilio dravidarum</i>	Malaber raven	E	Lepidoptera
37	74.79	14.27	Papilionidae	<i>Troides minos</i>	Southern Birdwing	E	Lepidoptera
38	74.79	14.27	Nymphalidae	<i>Tamil catseye</i>	Zipoetis saitis	E/WG	Lepidoptera
39	74.79	14.27	Nymphalidae	<i>Tamil catseye</i>	Zipoetis saitis	E/WG	Lepidoptera
40	74.79	14.27	Protoneuridae	<i>Phylloneura westermanii</i>	Myristica swamp Bamboo tail	E	Odonata
41	74.79	14.27	Euphaeidae	<i>Euphaea fraseri</i>	Malabar torent dart	E	Odonata
42	74.79	14.27	Platystictidae	<i>Protosticta graveleyi</i>	Pied reed tail	E	Odonata
43	74.79	14.27	Protoneuridae	<i>Phylloneura westermanii</i>	Myristica swamp Bamboo tail	E	Odonata
44	74.79	14.27	Euphaeidae	<i>Euphaea fraseri</i>	Malabar torent dart	E	Odonata
45	74.79	14.27	Platystictidae	<i>Protosticta graveleyi</i>	Pied reed tail	E	Odonata

Butterfly - Nonendemic

S.n o	Longit ude	Latitu de	Locations	Scientific name	Common_name	E / NE	Family
1	74.12	14.07	Karwar	<i>Polyura schreiber</i>	Blue Nawab	NE/VU	Nymphalidae
2	74.25	14.97	Dandeli wildlife sanctuary	<i>Spialia galba</i>	Yellow Spotted Skipper	NE	Hesperiidae
3	74.25	14.97	Dandeli wildlife sanctuary	<i>Caleta caleta</i>	Angled pierrot	NE	Lycanidae
4	74.25	14.97	Dandeli wildlife sanctuary	<i>Prosotas nora</i>	Line Blue	NE	Lycanidae
5	74.25	14.97	Dandeli wildlife sanctuary	<i>Rathinda amor</i>	Monkey puzzle	NE	Lycanidae
6	74.25	14.97	Dandeli wildlife sanctuary	<i>Abisara echerius</i>	Plum Judy	NE	Lycanidae
7	74.25	14.97	Dandeli wildlife sanctuary	<i>Euploea core</i>	Common Indian Crow	NE	Nymphalidae
8	74.25	14.97	Dandeli wildlife sanctuary	<i>Melanitis leda</i>	Evening Brown	NE	Nymphalidae
9	74.25	14.97	Dandeli wildlife sanctuary	<i>Orsotriaena medus</i>	Nigger	NE	Nymphalidae
10	74.25	14.97	Dandeli wildlife sanctuary	<i>Cupha erymanthis</i>	Rustic	NE	Nymphalidae
11	74.25	14.97	Dandeli wildlife sanctuary	<i>Danaus genutia</i>	Striped Tiger	NE	Nymphalidae
12	74.25	14.97	Dandeli wildlife sanctuary	<i>Graphium doson</i>	Common Jay	NE	Papilionidae
13	74.25	14.97	Dandeli wildlife sanctuary	<i>Pachliopta hector</i>	Crimson Rose	NE	Papilionidae
14	74.25	14.97	Dandeli wildlife sanctuary	<i>Papilio demoleus</i>	Lime Butterfly	NE	Papilionidae
15	74.25	14.97	Dandeli wildlife sanctuary	<i>Papilio liomedon</i>	Malabar Banded Peacock	NE	Papilionidae
16	74.25	14.97	Dandeli wildlife sanctuary	<i>Papilio helenus</i>	Red helen	NE	Papilionidae
17	74.25	14.97	Dandeli wildlife sanctuary	<i>Papilio polymnestor</i>	Blue Mormon	NE	Papilionidae
18	74.25	14.97	Dandeli wildlife sanctuary	<i>Junonia iphita</i>	Chocolate Pansy	NE	Pieridae

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19	74.25	14.97	Dandeli wildlife sanctuary	<i>Catopsilia pomona</i>	Common Emigrant	NE	Pieridae
20	74.25	14.97	Dandeli wildlife sanctuary	<i>Ypthima huebneri</i>	Common Four ring	NE	Pieridae
21	74.25	14.97	Dandeli wildlife sanctuary	<i>Hypolimnas bolina</i>	Great Egg Fly	NE	Pieridae
22	74.25	14.97	Dandeli wildlife sanctuary	<i>Junonia lemonias</i>	Lemon Pansy	NE	Pieridae
23	74.25	14.97	Dandeli wildlife sanctuary	<i>Idea malabarica</i>	Malabar tree nymph	NE	Pieridae
24	74.25	14.97	Dandeli wildlife sanctuary	<i>Cynthia cardui</i>	Painted Lady	NE	Pieridae
25	74.25	14.97	Dandeli wildlife sanctuary	<i>Danaus chrysippus</i>	Plain Tiger	NE	Pieridae
26	74.40	14.42	Kumta	<i>Psolos fuligo</i>	Coon	NE	Hesperiidae
27	74.40	14.42	Kumta	<i>Gangara thyrasis</i>	Giant redestye	NE	Hesperiidae
28	74.40	14.42	Kumta	<i>Udaspes folus</i>	Grass Demon	NE	Hesperiidae
29	74.40	14.42	Kumta	<i>Castalius rosimon</i>	Common pierrot	NE	Lycaenidae
30	74.40	14.42	Kumta	<i>Jamides bochus</i>	Dark cerulin	NE	Lycaenidae
31	74.40	14.42	Kumta	<i>Freyeria trochilus</i>	Grass Jewel	NE	Lycaenidae
32	74.40	14.42	Kumta	<i>Curetis thetis</i>	Indian sunbeam	NE	Lycaenidae
33	74.40	14.42	Kumta	<i>Abisara echerius</i>	Plum Judy	NE	Lycaenidae
34	74.40	14.42	Kumta	<i>Charaxes dolon</i>	Black rajah	NE	Nymphalidae
35	74.40	14.42	Kumta	<i>Junonia orithya</i>	Blue pansy	NE	Nymphalidae
36	74.40	14.42	Kumta	<i>Tirumala limnaeus</i>	Blue tiger	NE	Nymphalidae
37	74.40	14.42	Kumta	<i>Junonia iphita</i>	Chocolate Pancy	NE	Nymphalidae
38	74.40	14.42	Kumta	<i>Euthalia aconthea</i>	Common Barbon	NE	Nymphalidae
39	74.40	14.42	Kumta	<i>Ariadne merione</i>	Common castor	NE	Nymphalidae
40	74.40	14.42	Kumta	<i>Melanitis leda</i>	Common Evening Brown	NE	Nymphalidae
41	74.40	14.42	Kumta	<i>Ypthima huebneri</i>	Common Four ring	NE	Nymphalidae
42	74.40	14.42	Kumta	<i>Euploea core</i>	Common Indian Crow	NE	Nymphalidae
43	74.40	14.42	Kumta	<i>Elymnias hypermenstra</i>	Common Indian Crow	NE	Nymphalidae
44	74.40	14.42	Kumta	<i>Neptis hylas</i>	Common Sailor	NE	Nymphalidae
45	74.40	14.42	Kumta	<i>Athyma perius</i>	Common Seargent	NE	Nymphalidae
46	74.40	14.42	Kumta	<i>Lethe rohria</i>	Common Tree Brown	NE	Nymphalidae
47	74.40	14.42	Kumta	<i>Tirumala septentrionis</i>	Dark blue tiger	NE	Nymphalidae
48	74.40	14.42	Kumta	<i>Parantica aglea</i>	Gassy blue tiger	NE	Nymphalidae
49	74.40	14.42	Kumta	<i>Mycalesis patnia</i>	Gladeye Bushbrown	NE	Nymphalidae
50	74.40	14.42	Kumta	<i>Junonia lemonias</i>	Lemon Pansy	NE	Nymphalidae
51	74.40	14.42	Kumta	<i>Cynthia cardui</i>	Painted Lady	NE	Nymphalidae
52	74.40	14.42	Kumta	<i>Danaus chrysippus</i>	Plain tiger	NE	Nymphalidae
53	74.40	14.42	Kumta	<i>Euthalia nais</i>	Red barbon	NE	Nymphalidae
54	74.40	14.42	Kumta	<i>Danaus genutia</i>	Striped Tiger	NE	Nymphalidae
55	74.40	14.42	Kumta	<i>Junonia hierta</i>	Yellow pancy	NE	Nymphalidae
56	74.40	14.42	Kumta	<i>Graphium doson</i>	Common jay	NE	Papilionidae
57	74.40	14.42	Kumta	<i>Papilio clytia</i>	Common mime	NE	Papilionidae
58	74.40	14.42	Kumta	<i>Pachliopta aristolochiae</i>	Common Rose	NE	Papilionidae
59	74.40	14.42	Kumta	<i>Anaphaeis aurota</i> <i>Anaphaeis aurota</i>	Caper White or pioneer	NE	Pieridae
60	74.40	14.42	Kumta	<i>Anaphaeis aurota</i>	Caper White or pioneer	NE	Pieridae
61	74.40	14.42	Kumta	<i>Catopsilia pomona</i>	Common Emigrant	NE	Pieridae
62	74.40	14.42	Kumta	<i>Catopsilia pomona</i>	Common Emigrant	NE	Pieridae

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63	74.40	14.42	Kumta	<i>Eurema hecabe</i>	Common Grass yellow	NE	Pieridae
64	74.40	14.42	Kumta	<i>Eurema hecabe</i>	Common Grass yellow	NE	Pieridae
65	74.40	14.42	Kumta	<i>Cepora nerissa</i>	Common gull	NE	Pieridae
66	74.40	14.42	Kumta	<i>Cepora nerissa</i>	Common gull	NE	Pieridae
67	74.40	14.42	Kumta	<i>Pareronia valeria</i>	Common wanderer	NE	Pieridae
68	74.40	14.42	Kumta	<i>Pareronia valeria</i>	Common wanderer	NE	Pieridae
69	74.40	14.42	Kumta	<i>Appias indra</i>	Plain Puffin	NE	Pieridae
70	74.40	14.42	Kumta	<i>Appias indra</i>	Plain Puffin	NE	Pieridae
71	74.40	14.42	Kumta	<i>Leptosia nina</i>	Psyche	NE	Pieridae
72	74.40	14.42	Kumta	<i>Leptosia nina</i>	Psyche	NE	Pieridae
73	74.40	14.42	Kumta	<i>Eurema brigitta</i>	Small grass yellow	NE	Pieridae
74	74.40	14.42	Kumta	<i>Eurema laeta</i>	Spotless grass yellow	NE	Pieridae
75	74.40	14.42	Kumta	<i>Eurema laeta</i>	Spotless grass yellow	NE	Pieridae
76	74.40	14.42	Kumta	<i>Discophora sondaica</i>	Common Duffer	NE/CR	Nymphalidae
77	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Suatus sp.</i>	Bob	NE	Hesperiidae
78	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Badamia exclamationis</i>	Brown Awl	NE	Hesperiidae
79	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Ampittia dioscorides</i>	Bush hopper	NE	Hesperiidae
80	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Iambrix salsala</i>	Chestnut bob	NE	Hesperiidae
81	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Odontoptilum angulatum</i>	Chestnut or Banded angle	NE	Hesperiidae
82	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Hasora badra</i>	Common Awl	NE	Hesperiidae
83	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Notocrypta paralysis</i>	Common banded demon	NE	Hesperiidae
84	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Hasora chromus</i>	Common Banded owl	NE	Hesperiidae
85	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Taractrocera maevius</i>	Common grass dart	NE	Hesperiidae
86	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Sarangesa dasara</i>	Common Small flat	NE	Hesperiidae
87	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Tagiades japetus</i>	Common Snow Flat	NE	Hesperiidae
88	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Celaenorrhinus leucocera</i>	Common Spotted Flat	NE	Hesperiidae
89	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Pseudocoladenia dan</i>	Fulvous pied flat	NE	Hesperiidae
90	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Gangara thyrasis</i>	Giant redeye	NE	Hesperiidae
91	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Udaspes folus</i>	Grass demon	NE	Hesperiidae
92	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Tagiades gana</i>	Immaculate or Suffused Snow flat	NE	Hesperiidae
93	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Spialia galba</i>	Indian grizzled skipper	NE	Hesperiidae
94	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Suastus gremius</i>	Indian palm bob	NE	Hesperiidae
95	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Celaenorrhinus ambareesa</i>	Malabar Spotted Flat	NE	Hesperiidae
96	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Halpe porus</i>	Moore's ace	NE	Hesperiidae
97	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Bibasis sena</i>	Orange Tail Awl	NE	Hesperiidae
98	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Telicota colon</i>	Pale palm dart	NE	Hesperiidae
99	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Notocrypta curvifascia</i>	Restricted demon	NE	Hesperiidae
100	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Borbo cinnara</i>	Rice swift	NE	Hesperiidae
101	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Pelopidas mathias</i>	Small banded swift	NE	Hesperiidae
102	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Coladenia indrani</i>	Tricolor pied flat	NE	Hesperiidae
103	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Tagiades litigiosa</i>	Water Snow Flat	NE	Hesperiidae
104	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Caleta caleta</i>	Angled pierrot	NE	Lycaenidae
105	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Spalgis epius</i>	Ape fly	NE	Lycaenidae
106	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Discolampa ethion</i>	Banded Blue pierrot	NE	Lycaenidae
107	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Azanus ubaldus</i>	Bright babul blue	NE	Lycaenidae

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108	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Jamides celeno</i>	Common Cerulin	NE	Lycaenidae
109	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Deudorix isocrates</i>	Common guva blue	NE	Lycaenidae
110	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Acytolepis pupa</i>	Common Hedge blue	NE	Lycaenidae
111	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Prosotas nora</i>	Common Line blue	NE	Lycaenidae
112	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Castalius rosimon</i>	Common pierrot	NE	Lycaenidae
113	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Deudoris epizarbus</i>	Cornelian	NE	Lycaenidae
114	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Jamides bochus</i>	Dark cerulin	NE	Lycaenidae
115	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Zizeeria karsandra</i>	Dark grass blue	NE	Lycaenidae
116	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Zeltus amasa</i>	Fluffy tit	NE	Lycaenidae
117	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Freyeria trochilus</i>	Grass Jewel	NE	Lycaenidae
118	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Everes lacturnus</i>	Indian cupid	NE	Lycaenidae
119	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Curetis thetis</i>	Indian sunbeam	NE	Lycaenidae
120	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Rapala varuna</i>	Indigo flash	NE	Lycaenidae
121	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Nacaduba pactolus</i>	Large Four Line Blue	NE	Lycaenidae
122	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Zizina otis</i>	Lesser grass blue	NE	Lycaenidae
123	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Chilades laius</i>	Lime blue	NE	Lycaenidae
124	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Jamides alecto</i>	Metallic Cerulin	NE	Lycaenidae
125	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Nacaduma hermus</i>	Pale four line blue	NE	Lycaenidae
126	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Pseudozizeeria maha</i>	Pale grass blue	NE	Lycaenidae
127	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Lampides boeticus</i>	Pea blue	NE	Lycaenidae
128	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Abisara echerius</i>	Plum Judy	NE	Lycaenidae
129	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Neopithecops zalmora</i>	Quaker	NE	Lycaenidae
130	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Rapala manea</i>	Slate flash	NE	Lycaenidae
131	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Prosotas dubiosa</i>	Tailless line blue	NE	Lycaenidae
132	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Zizula hylax</i>	Tiny grass blue	NE	Lycaenidae
133	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Leptotes plinius</i>	Zebra Blue	NE	Lycaenidae
134	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Papilio budha</i>	Buddha peacock	NE	Papilionidae
135	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Papilio crino</i>	Common banded peacock	NE	Papilionidae
136	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Graphium sarpedon</i>	Common Blue bottle	NE	Papilionidae
137	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Catopsilia pomona</i>	Common Emigrant	NE	Papilionidae
138	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Graphium doston</i>	Common jay	NE	Papilionidae
139	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Papilio clytia</i>	Common mime	NE	Papilionidae
140	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Papilio polytes</i>	Common Mormon	NE	Papilionidae
141	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Pachliopta aristolochiae</i>	Common Rose	NE	Papilionidae
142	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Graphium antiphate</i>	Five bar Sword tail	NE	Papilionidae
143	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Papilio demoleus</i>	Lime butterfly	NE	Papilionidae
144	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Papilio paris</i>	Paris peacock	NE	Papilionidae
145	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Papilio helenus</i>	Red helen	NE	Papilionidae
146	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Graphium nomius</i>	Spot sword tail	NE	Papilionidae
147	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Graphium agamemnon</i>	Tailed jay	NE	Papilionidae
148	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Acraea violae</i>	Tawny coster	NE	Pieridae
149	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Doleschallia bisaltide</i>	Autumn leaf	NE	Pieridae
150	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Charaxes dolon</i>	Black rajah	NE	Pieridae
151	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Kaniska canace</i>	Blue admiral	NE	Pieridae
152	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Junonia orithya</i>	Blue pansy	NE	Pieridae

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153	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Tirumala limnaeus</i>	Blue tiger	NE	Pieridae
154	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Anaphaeis aurota</i>	Caper White or pioneer	NE	Pieridae
155	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Junonia iphita</i>	Chocolate Pancy	NE	Pieridae
156	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Appias albina</i>	Common albatross	NE	Pieridae
157	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Libythea lepita</i>	Common Beak	NE	Pieridae
158	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Ariadne merione</i>	Common castor	NE	Pieridae
159	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Ypthima baldus</i>	Common Five ring	NE	Pieridae
160	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Ypthima huebneri</i>	Common Four ring	NE	Pieridae
161	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Eurema hecabe</i>	Common Grass yellow	NE	Pieridae
162	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Cepora nerissa</i>	Common gull	NE	Pieridae
163	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Euploea core</i>	Common Indian Crow	NE	Pieridae
164	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Delias eucharis</i>	Common jezebel	NE	Pieridae
165	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Polyura athamas</i>	Common nawab	NE	Pieridae
166	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Ypthima asterope</i>	Common Three ring	NE	Pieridae
167	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Pareronia valeria</i>	Common wanderer	NE	Pieridae
168	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Colotis danae</i>	Crimson tip	NE	Pieridae
169	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Tirumala septentrionis</i>	Dark blue tiger	NE	Pieridae
170	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Pareronia ceylanica</i>	Dark wanderer	NE	Pieridae
171	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Parantica aglea</i>	Gassy blue tiger	NE	Pieridae
172	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Hypolimnas bolina</i>	Great eggfly	NE	Pieridae
173	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Junonia atlites</i>	Grey pansy	NE	Pieridae
174	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Pieris canidia</i>	Indian cabbage white	NE	Pieridae
175	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Byblia ilithiya</i>	Joker	NE	Pieridae
176	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Junonia lemonias</i>	Lemon Pansy	NE	Pieridae
177	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Catopsilia pyranthe</i>	Mottled emigrant	NE	Pieridae
178	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Eurema andersonii</i>	One spot grass yellow	NE	Pieridae
179	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Cynthia cardui</i>	Painted Lady	NE	Pieridae
180	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Junonia almana</i>	Peacock pansy	NE	Pieridae
181	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Colotis eucharis</i>	Plain orange tip	NE	Pieridae
182	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Appias indra</i>	Plain Puffin	NE	Pieridae
183	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Danaus chrysippus</i>	Plain tiger	NE	Pieridae
184	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Leptosia nina</i>	Psyche	NE	Pieridae
185	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Dolpha evelina</i>	Redspot duke	NE	Pieridae
186	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Ypthima sp.</i>	Ring	NE	Pieridae
187	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Eurema brigitta</i>	Small grass yellow	NE	Pieridae
188	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Colotis etrida</i>	Small orange tip	NE	Pieridae
189	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Eurema laeta</i>	Spotless grass yellow	NE	Pieridae
190	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Appias libythea</i>	Striped Albatross	NE	Pieridae
191	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Danaus genutia</i>	Striped Tiger	NE	Pieridae
192	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Cethosia nietneri</i>	Tamil lacewing	NE	Pieridae
193	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Charaxes bernardus</i>	Tawny rajah	NE	Pieridae
194	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Eurema blanda</i>	Three spot Grass yellow	NE	Pieridae
195	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Ixias marianne</i>	White orange tip	NE	Pieridae
196	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Ixias pyrene</i>	Yellow orange tip	NE	Pieridae
197	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Junonia hierta</i>	Yellow pansy	NE	Pieridae

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198	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Hypolimnus missipus</i>	zebra Blue	NE	Pieridae
199	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Pachliopta hector</i>	Crimson Rose	NE/EN	Papilionidae
200	74.63	13.84	Sharavathi valley wildlife sanctuary	<i>Polyura schreiber</i>	Blue nawab	NE/EN	Pieridae
201	74.68	14.35	Papilionidae	<i>Pachliopta hector</i>	Crimson Rose	NE	Lepidoptera
202	74.68	14.35	Nymphalidae	<i>Ariadne ariadne</i>	Angled Castor	NE	Lepidoptera
203	74.68	14.35	Papilionidae	<i>Graphium doson</i>	Common jay	NE	Lepidoptera
204	74.68	14.35	Papilionidae	<i>Graphium sarpedon</i>	Common Blue bottle	NE	Lepidoptera
205	74.68	14.35	Papilionidae	<i>Graphium agamemnon</i>	Tailed jay	NE	Lepidoptera
206	74.68	14.35	Papilionidae	<i>Graphium antiphate</i>	Five bar Sword tail	NE	Lepidoptera
207	74.68	14.35	Papilionidae	<i>Graphium doson</i>	Common Jay	NE	Lepidoptera
208	74.68	14.35	Papilionidae	<i>Graphium nomius</i>	Spot sword tail	NE	Lepidoptera
209	74.68	14.35	Papilionidae	<i>Pachliopta aristolochiae</i>	Common Rose	NE	Lepidoptera
210	74.68	14.35	Papilionidae	<i>Pachliopta hector</i>	Crimson Rose	NE	Lepidoptera
211	74.68	14.35	Papilionidae	<i>Papilio budha</i>	Buddha peacock	NE	Lepidoptera
212	74.68	14.35	Papilionidae	<i>Papilio helenus</i>	Red helen	NE	Lepidoptera
213	74.68	14.35	Papilionidae	<i>Papilio helenus</i>	Red helen	NE	Lepidoptera
214	74.68	14.35	Papilionidae	<i>Papilio liomedon</i>	Malabar Banded Peacock	NE	Lepidoptera
215	74.68	14.35	Papilionidae	<i>Papilio paris</i>	Paris peacock	NE	Lepidoptera
216	74.68	14.35	Papilionidae	<i>Papilio polymnestor</i>	Blue Mormon	NE	Lepidoptera
217	74.68	14.35	Papilionidae	<i>Papilio polytes</i>	Common Mormon	NE	Lepidoptera
218	74.68	14.35	Papilionidae	<i>Papilio crino</i>	Common banded peacock	NE	Lepidoptera
219	74.68	14.35	Pieridae	<i>Appias albina</i>	Common albatross	NE	Lepidoptera
220	74.68	14.35	Pieridae	<i>Colotis danae</i>	Crimson tip	NE	Lepidoptera
221	74.68	14.35	Pieridae	<i>Colotis etrida</i>	Small orange tip	NE	Lepidoptera
222	74.68	14.35	Pieridae	<i>Catopsilia pomona</i>	Common Emigrant	NE	Lepidoptera
223	74.68	14.35	Pieridae	<i>Delias eucharis</i>	Common jezebel	NE	Lepidoptera
224	74.68	14.35	Pieridae	<i>Eurema brigitta</i>	Small grass yellow	NE	Lepidoptera
225	74.68	14.35	Pieridae	<i>Eurema hecabe</i>	Common Grass yellow	NE	Lepidoptera
226	74.68	14.35	Pieridae	<i>Eurema laeta</i>	Spotless grass yellow	NE	Lepidoptera
227	74.68	14.35	Pieridae	<i>Ixias pyrene</i>	Yellow orange tip	NE	Lepidoptera
228	74.68	14.35	Pieridae	<i>Leptosia nina</i>	Psyche	NE	Lepidoptera
229	74.68	14.35	Pieridae	<i>Pareronia valeria</i>	Common wanderer	NE	Lepidoptera
230	74.68	14.35	Pieridae	<i>Pareronia ceylanica</i>	Dark wanderer	NE	Lepidoptera
231	74.68	14.35	Pieridae	<i>Hebomoeta glaucippe</i>	Great Orange Tip	NE	Lepidoptera
232	74.68	14.35	Nymphalidae	<i>Cupha erymanthis</i>	Rustic	NE	Lepidoptera
233	74.68	14.35	Nymphalidae	<i>Elymnias hypermenstra</i>	Common Indian Crow	NE	Lepidoptera
234	74.68	14.35	Nymphalidae	<i>Melanitis leda</i>	Common Evening Brown	NE	Lepidoptera
235	74.68	14.35	Nymphalidae	<i>Mycalesis patnia</i>	Gladeye Bushbrown	NE	Lepidoptera
236	74.68	14.35	Nymphalidae	<i>Neptis hylas</i>	Common Sailor	NE	Lepidoptera
237	74.68	14.35	Nymphalidae	<i>Orsotriaena medus</i>	Nigger	NE	Lepidoptera
238	74.68	14.35	Nymphalidae	<i>Ypthima huebneri</i>	Common Four ring	NE	Lepidoptera
239	74.68	14.35	Nymphalidae	<i>Melanitis phedima</i>	Dark evening Brown	NE	Lepidoptera
240	74.68	14.35	Nymphalidae	<i>Mycalesis anaxias</i>	White bar bush brown	NE	Lepidoptera
241	74.68	14.35	Nymphalidae	<i>Mycalesis perseus</i>	Common Bush brown	NE	Lepidoptera
242	74.68	14.35	Nymphalidae	<i>Ypthima asterope</i>	Common Three Ring	NE	Lepidoptera

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243	74.68	14.35	Nymphalidae	<i>Cethosia nietneri</i>	Tamil Lacewing	NE	Lepidoptera
244	74.68	14.35	Nymphalidae	<i>Vindula erota</i>	Cruiser	NE	Lepidoptera
245	74.68	14.35	Nymphalidae	<i>Phalanta phalantha</i>	Common Leopard	NE	Lepidoptera
246	74.68	14.35	Nymphalidae	<i>Cirrochroa thais</i>	Tamil Yeoman	NE	Lepidoptera
247	74.68	14.35	Nymphalidae	<i>Neptis jumbah</i>	Chestnut-streaked Sailer	NE	Lepidoptera
248	74.68	14.35	Nymphalidae	<i>Pantoporia hordonia</i>	Common Lascar	NE	Lepidoptera
249	74.68	14.35	Nymphalidae	<i>Athyma perius L.</i>	Common Sergeant	NE	Lepidoptera
250	74.68	14.35	Nymphalidae	<i>Limenitis procris (Cramer)</i>	Commander	NE	Lepidoptera
251	74.68	14.35	Nymphalidae	<i>Parthenos sylvia (Cramer)</i>	Clipper	NE	Lepidoptera
252	74.68	14.35	Nymphalidae	<i>Tanaecia lepidea (Butler)</i>	Grey Count	NE	Lepidoptera
253	74.68	14.35	Nymphalidae	<i>Euthalia aconthea</i>	Common Baron	NE	Lepidoptera
254	74.68	14.35	Nymphalidae	<i>Dolpha evelina</i>	Red-spot Duke	NE	Lepidoptera
255	74.68	14.35	Nymphalidae	<i>Ariadne merione</i>	Common Castor	NE	Lepidoptera
256	74.68	14.35	Nymphalidae	<i>Ariadne ariadne</i>	Angled Castor	NE	Lepidoptera
257	74.68	14.35	Nymphalidae	<i>Acraea violae</i>	Tawny coster	NE	Lepidoptera
258	74.68	14.35	Calopterygidae	<i>Vestalis gracilis</i>	Clear winged Forest glory	NE	Odonata
259	74.68	14.35	Calopterygidae	<i>Vestalis apicalis</i>	Black-tipped Forest glory	NE	Odonata
260	74.68	14.35	Chlorocyphidae	<i>Rhinocypha bisignata</i>	Stream ruby	NE	Odonata
261	74.68	14.35	Nymphalidae	<i>Polyura athamus</i>	Common Nawab	NE	Lepidoptera
262	74.74	14.27	Papilionidae	<i>Pachliopta hector</i>	Crimson Rose	NE	Lepidoptera
263	74.74	14.27	Papilionidae	<i>Graphium doson</i>	Common jay	NE	Lepidoptera
264	74.74	14.27	Papilionidae	<i>Graphium sarpedon</i>	Common Blue bottle	NE	Lepidoptera
265	74.74	14.27	Papilionidae	<i>Graphium agamemnon</i>	Tailed jay	NE	Lepidoptera
266	74.74	14.27	Papilionidae	<i>Graphium antiphates</i>	Five bar Sword tail	NE	Lepidoptera
267	74.74	14.27	Papilionidae	<i>Graphium doson</i>	Common Jay	NE	Lepidoptera
268	74.74	14.27	Papilionidae	<i>Graphium nomius</i>	Spot sword tail	NE	Lepidoptera
269	74.74	14.27	Papilionidae	<i>Pachliopta aristolochiae</i>	Common Rose	NE	Lepidoptera
270	74.74	14.27	Papilionidae	<i>Pachliopta hector</i>	Crimson Rose	NE	Lepidoptera
271	74.74	14.27	Papilionidae	<i>Papilio budha</i>	Buddha peacock	NE	Lepidoptera
272	74.74	14.27	Papilionidae	<i>Papilio helenus</i>	Red helen	NE	Lepidoptera
273	74.74	14.27	Papilionidae	<i>Papilio helenus</i>	Red helen	NE	Lepidoptera
274	74.74	14.27	Papilionidae	<i>Papilio liomedon</i>	Malabar Banded Peacock	NE	Lepidoptera
275	74.74	14.27	Papilionidae	<i>Papilio paris</i>	Paris peacock	NE	Lepidoptera
276	74.74	14.27	Papilionidae	<i>Papilio polymnestor</i>	Blue Mormon	NE	Lepidoptera
277	74.74	14.27	Papilionidae	<i>Papilio polytes</i>	Common Mormon	NE	Lepidoptera
278	74.74	14.27	Papilionidae	<i>Papilio crino</i>	Common banded peacock	NE	Lepidoptera
279	74.74	14.27	Pieridae	<i>Appias albina</i>	Common albatross	NE	Lepidoptera
280	74.74	14.27	Pieridae	<i>Colotis danae</i>	Crimson tip	NE	Lepidoptera
281	74.74	14.27	Pieridae	<i>Colotis etrida</i>	Small orange tip	NE	Lepidoptera
282	74.74	14.27	Pieridae	<i>Catopsilia pomona</i>	Common Emigrant	NE	Lepidoptera
283	74.74	14.27	Pieridae	<i>Delias eucharis</i>	Common jezebel	NE	Lepidoptera
284	74.74	14.27	Pieridae	<i>Eurema brigitta</i>	Small grass yellow	NE	Lepidoptera
285	74.74	14.27	Pieridae	<i>Eurema hecabe</i>	Common Grass yellow	NE	Lepidoptera
286	74.74	14.27	Pieridae	<i>Eurema laeta</i>	Spotless grass yellow	NE	Lepidoptera
287	74.74	14.27	Pieridae	<i>Ixias pyrene</i>	Yellow orange tip	NE	Lepidoptera

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288	74.74	14.27	Pieridae	<i>Leptosia nina</i>	Psyche	NE	Lepidoptera
289	74.74	14.27	Pieridae	<i>Pareronia valeria</i>	Common wanderer	NE	Lepidoptera
290	74.74	14.27	Pieridae	<i>Pareronia ceylanica</i>	Dark wanderer	NE	Lepidoptera
291	74.74	14.27	Pieridae	<i>Hebomoeta glaucippe</i>	Great Orange Tip	NE	Lepidoptera
292	74.74	14.27	Nymphalidae	<i>Cupha erymanthis</i>	Rustic	NE	Lepidoptera
293	74.74	14.27	Nymphalidae	<i>Elymnias hypermenstra</i>	Common Indian Crow	NE	Lepidoptera
294	74.74	14.27	Nymphalidae	<i>Melanitis leda</i>	Common Evening Brown	NE	Lepidoptera
295	74.74	14.27	Nymphalidae	<i>Mycalesis patnia</i>	Gladeye Bushbrown	NE	Lepidoptera
296	74.74	14.27	Nymphalidae	<i>Neptis hylas</i>	Common Sailor	NE	Lepidoptera
297	74.74	14.27	Nymphalidae	<i>Orsotriaena medus</i>	Nigger	NE	Lepidoptera
298	74.74	14.27	Nymphalidae	<i>Ypthima huebneri</i>	Common Four ring	NE	Lepidoptera
299	74.74	14.27	Nymphalidae	<i>Melanitis phedima</i>	Dark evening Brown	NE	Lepidoptera
300	74.74	14.27	Nymphalidae	<i>Mycalesis anaxias</i>	White bar bush brown	NE	Lepidoptera
301	74.74	14.27	Nymphalidae	<i>Mycalesis perseus</i>	Common Bush brown	NE	Lepidoptera
302	74.74	14.27	Nymphalidae	<i>Ypthima asterope</i>	Common Three Ring	NE	Lepidoptera
303	74.74	14.27	Nymphalidae	<i>Cethosia nietneri</i>	Tamil Lacewing	NE	Lepidoptera
304	74.74	14.27	Nymphalidae	<i>Vindula erota</i>	Cruiser	NE	Lepidoptera
305	74.74	14.27	Nymphalidae	<i>Phalanta phalantha</i>	Common Leopard	NE	Lepidoptera
306	74.74	14.27	Nymphalidae	<i>Cirrochroa thais</i>	Tamil Yeoman	NE	Lepidoptera
307	74.74	14.27	Nymphalidae	<i>Neptis jumbah</i>	Chestnut-streaked Sailer	NE	Lepidoptera
308	74.74	14.27	Nymphalidae	<i>Pantoporia hordonia</i>	Common Lascar	NE	Lepidoptera
309	74.74	14.27	Nymphalidae	<i>Athyma perius L.</i>	Common Sergeant	NE	Lepidoptera
310	74.74	14.27	Nymphalidae	<i>Limenitis procris (Cramer)</i>	Commander	NE	Lepidoptera
311	74.74	14.27	Nymphalidae	<i>Parthenos sylvia (Cramer)</i>	Clipper	NE	Lepidoptera
312	74.74	14.27	Nymphalidae	<i>Tanaecia lepidea (Butler)</i>	Grey Count	NE	Lepidoptera
313	74.74	14.27	Nymphalidae	<i>Euthalia aconthea</i>	Common Baron	NE	Lepidoptera
314	74.74	14.27	Nymphalidae	<i>Dolpha evelina</i>	Red-spot Duke	NE	Lepidoptera
315	74.74	14.27	Nymphalidae	<i>Ariadne merione</i>	Common Castor	NE	Lepidoptera
316	74.74	14.27	Nymphalidae	<i>Ariadne ariadne</i>	Angled Castor	NE	Lepidoptera
317	74.74	14.27	Nymphalidae	<i>Acraea violae</i>	Tawny coster	NE	Lepidoptera
318	74.74	14.27	Calopterygidae	<i>Vestalis gracilis</i>	Clear winged Forest glory	NE	Odonata
319	74.74	14.27	Calopterygidae	<i>Vestalis apicalis</i>	Black-tipped Forest glory	NE	Odonata
320	74.74	14.27	Chlorocyphidae	<i>Rhinocypha bisignata</i>	Stream ruby	NE	Odonata
321	74.74	14.27	Nymphalidae	<i>Polyura athamus</i>	Common Nawab	NE	Lepidoptera
322	74.75	14.28	Papilionidae	<i>Pachliopta hector</i>	Crimson Rose	NE	Lepidoptera
323	74.75	14.28	Papilionidae	<i>Graphium doson</i>	Common jay	NE	Lepidoptera
324	74.75	14.28	Papilionidae	<i>Graphium sarpedon</i>	Common Blue bottle	NE	Lepidoptera
325	74.75	14.28	Papilionidae	<i>Graphium agamemnon</i>	Tailed jay	NE	Lepidoptera
326	74.75	14.28	Papilionidae	<i>Graphium antiphates</i>	Five bar Sword tail	NE	Lepidoptera
327	74.75	14.28	Papilionidae	<i>Graphium doson</i>	Common Jay	NE	Lepidoptera
328	74.75	14.28	Papilionidae	<i>Graphium nomius</i>	Spot sword tail	NE	Lepidoptera
329	74.75	14.28	Papilionidae	<i>Pachliopta aristolochiae</i>	Common Rose	NE	Lepidoptera
330	74.75	14.28	Papilionidae	<i>Pachliopta hector</i>	Crimson Rose	NE	Lepidoptera
331	74.75	14.28	Papilionidae	<i>Papilio budha</i>	Buddha peacock	NE	Lepidoptera
332	74.75	14.28	Papilionidae	<i>Papilio helenus</i>	Red helen	NE	Lepidoptera

ANNEXURE II: Fauna of Uttara Kannada district

333	74.75	14.28	Papilionidae	<i>Papilio helenus</i>	Red helen	NE	Lepidoptera
334	74.75	14.28	Papilionidae	<i>Papilio liomedon</i>	Malabar Banded Peacock	NE	Lepidoptera
335	74.75	14.28	Papilionidae	<i>Papilio paris</i>	Paris peacock	NE	Lepidoptera
336	74.75	14.28	Papilionidae	<i>Papilio polymnestor</i>	Blue Mormon	NE	Lepidoptera
337	74.75	14.28	Papilionidae	<i>Papilio polytes</i>	Common Mormon	NE	Lepidoptera
338	74.75	14.28	Papilionidae	<i>Papilio crino</i>	Common banded peacock	NE	Lepidoptera
339	74.75	14.28	Pieridae	<i>Appias albina</i>	Common albatross	NE	Lepidoptera
340	74.75	14.28	Pieridae	<i>Colotis danae</i>	Crimson tip	NE	Lepidoptera
341	74.75	14.28	Pieridae	<i>Colotis etrida</i>	Small orange tip	NE	Lepidoptera
342	74.75	14.28	Pieridae	<i>Catopsilia pomona</i>	Common Emigrant	NE	Lepidoptera
343	74.75	14.28	Pieridae	<i>Delias eucharis</i>	Common jezebel	NE	Lepidoptera
344	74.75	14.28	Pieridae	<i>Eurema brigitta</i>	Small grass yellow	NE	Lepidoptera
345	74.75	14.28	Pieridae	<i>Eurema hecabe</i>	Common Grass yellow	NE	Lepidoptera
346	74.75	14.28	Pieridae	<i>Eurema laeta</i>	Spotless grass yellow	NE	Lepidoptera
347	74.75	14.28	Pieridae	<i>Ixias pyrene</i>	Yellow orange tip	NE	Lepidoptera
348	74.75	14.28	Pieridae	<i>Leptosia nina</i>	Psyche	NE	Lepidoptera
349	74.75	14.28	Pieridae	<i>Pareronia valeria</i>	Common wanderer	NE	Lepidoptera
350	74.75	14.28	Pieridae	<i>Pareronia ceylanica</i>	Dark wanderer	NE	Lepidoptera
351	74.75	14.28	Pieridae	<i>Hebomoia glaucippe</i>	Great Orange Tip	NE	Lepidoptera
352	74.75	14.28	Nymphalidae	<i>Cupha erymanthis</i>	Rustic	NE	Lepidoptera
353	74.75	14.28	Nymphalidae	<i>Elymnias hypermenstra</i>	Common Indian Crow	NE	Lepidoptera
354	74.75	14.28	Nymphalidae	<i>Melanitis leda</i>	Common Evening Brown	NE	Lepidoptera
355	74.75	14.28	Nymphalidae	<i>Mycalesis patnia</i>	Gladeye Bushbrown	NE	Lepidoptera
356	74.75	14.28	Nymphalidae	<i>Neptis hylas</i>	Common Sailor	NE	Lepidoptera
357	74.75	14.28	Nymphalidae	<i>Orsotriaena medus</i>	Nigger	NE	Lepidoptera
358	74.75	14.28	Nymphalidae	<i>Ypthima huebneri</i>	Common Four ring	NE	Lepidoptera
359	74.75	14.28	Nymphalidae	<i>Melanitis phedima</i>	Dark evening Brown	NE	Lepidoptera
360	74.75	14.28	Nymphalidae	<i>Mycalesis anaxias</i>	White bar bush brown	NE	Lepidoptera
361	74.75	14.28	Nymphalidae	<i>Mycalesis perseus</i>	Common Bush brown	NE	Lepidoptera
362	74.75	14.28	Nymphalidae	<i>Ypthima asterope</i>	Common Three Ring	NE	Lepidoptera
363	74.75	14.28	Nymphalidae	<i>Acraea violae</i>	Tawny coster	NE	Lepidoptera
364	74.75	14.28	Nymphalidae	<i>Cethosia nietneri</i>	Tamil Lacewing	NE	Lepidoptera
365	74.75	14.28	Nymphalidae	<i>Vindula erota</i>	Cruiser	NE	Lepidoptera
366	74.75	14.28	Nymphalidae	<i>Phalanta phalantha</i>	Common Leopard	NE	Lepidoptera
367	74.75	14.28	Nymphalidae	<i>Cirrochroa thais</i>	Tamil Yeoman	NE	Lepidoptera
368	74.75	14.28	Nymphalidae	<i>Neptis jumbah</i>	Chestnut-streaked Sailer	NE	Lepidoptera
369	74.75	14.28	Nymphalidae	<i>Pantoporia hordonia</i>	Common Lascar	NE	Lepidoptera
370	74.75	14.28	Nymphalidae	<i>Athyma perius L.</i>	Common Sergeant	NE	Lepidoptera
371	74.75	14.28	Nymphalidae	<i>Limenitis procris (Cramer)</i>	Commander	NE	Lepidoptera
372	74.75	14.28	Nymphalidae	<i>Parthenos sylvia (Cramer)</i>	Clipper	NE	Lepidoptera
373	74.75	14.28	Nymphalidae	<i>Tanaecia lepidea (Butler)</i>	Grey Count	NE	Lepidoptera
374	74.75	14.28	Nymphalidae	<i>Euthalia aconthea</i>	Common Baron	NE	Lepidoptera
375	74.75	14.28	Nymphalidae	<i>Dolpha evelina</i>	Red-spot Duke	NE	Lepidoptera
376	74.75	14.28	Nymphalidae	<i>Ariadne merione</i>	Common Castor	NE	Lepidoptera
377	74.75	14.28	Nymphalidae	<i>Ariadne ariadne</i>	Angled Castor	NE	Lepidoptera

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378	74.75	14.28	Calopterygidae	<i>Vestalis gracilis</i>	Clear winged Forest glory	NE	Odonata
379	74.75	14.28	Calopterygidae	<i>Vestalis apicalis</i>	Black-tipped Forest glory	NE	Odonata
380	74.75	14.28	Chlorocyphidae	<i>Rhinocypha bisignata</i>	Stream ruby	NE	Odonata
381	74.75	14.28	Nymphalidae	<i>Polyura athamus</i>	Common Nawab	NE	Lepidoptera
382	74.79	14.27	Papilionidae	<i>Pachliopta hector</i>	Crimson Rose	NE	Lepidoptera
383	74.79	14.27	Papilionidae	<i>Pachliopta hector</i>	Crimson Rose	NE	Lepidoptera
384	74.79	14.27	Papilionidae	<i>Graphium doson</i>	Common jay	NE	Lepidoptera
385	74.79	14.27	Papilionidae	<i>Graphium sarpedon</i>	Common Blue bottle	NE	Lepidoptera
386	74.79	14.27	Papilionidae	<i>Graphium agamemnon</i>	Tailed jay	NE	Lepidoptera
387	74.79	14.27	Papilionidae	<i>Graphium antiphate</i>	Five bar Sword tail	NE	Lepidoptera
388	74.79	14.27	Papilionidae	<i>Graphium doson</i>	Common Jay	NE	Lepidoptera
389	74.79	14.27	Papilionidae	<i>Graphium nomius</i>	Spot sword tail	NE	Lepidoptera
390	74.79	14.27	Papilionidae	<i>Pachliopta aristolochiae</i>	Common Rose	NE	Lepidoptera
391	74.79	14.27	Papilionidae	<i>Pachliopta hector</i>	Crimson Rose	NE	Lepidoptera
392	74.79	14.27	Papilionidae	<i>Papilio budha</i>	Buddha peacock	NE	Lepidoptera
393	74.79	14.27	Papilionidae	<i>Papilio helenus</i>	Red helen	NE	Lepidoptera
394	74.79	14.27	Papilionidae	<i>Papilio helenus</i>	Red helen	NE	Lepidoptera
395	74.79	14.27	Papilionidae	<i>Papilio liomedon</i>	Malabar Banded Peacock	NE	Lepidoptera
396	74.79	14.27	Papilionidae	<i>Papilio paris</i>	Paris peacock	NE	Lepidoptera
397	74.79	14.27	Papilionidae	<i>Papilio polymnestor</i>	Blue Mormon	NE	Lepidoptera
398	74.79	14.27	Papilionidae	<i>Papilio polytes</i>	Common Mormon	NE	Lepidoptera
399	74.79	14.27	Papilionidae	<i>Papilio crino</i>	Common banded peacock	NE	Lepidoptera
400	74.79	14.27	Pieridae	<i>Appias albina</i>	Common albatross	NE	Lepidoptera
401	74.79	14.27	Pieridae	<i>Colotis danae</i>	Crimson tip	NE	Lepidoptera
402	74.79	14.27	Pieridae	<i>Colotis etrida</i>	Small orange tip	NE	Lepidoptera
403	74.79	14.27	Pieridae	<i>Catopsilia pomona</i>	Common Emigrant	NE	Lepidoptera
404	74.79	14.27	Pieridae	<i>Delias eucharis</i>	Common jezebel	NE	Lepidoptera
405	74.79	14.27	Pieridae	<i>Eurema brigitta</i>	Small grass yellow	NE	Lepidoptera
406	74.79	14.27	Pieridae	<i>Eurema hecabe</i>	Common Grass yellow	NE	Lepidoptera
407	74.79	14.27	Pieridae	<i>Eurema laeta</i>	Spotless grass yellow	NE	Lepidoptera
408	74.79	14.27	Pieridae	<i>Ixias pyrene</i>	Yellow orange tip	NE	Lepidoptera
409	74.79	14.27	Pieridae	<i>Leptosia nina</i>	Psyche	NE	Lepidoptera
410	74.79	14.27	Pieridae	<i>Pareronia valeria</i>	Common wanderer	NE	Lepidoptera
411	74.79	14.27	Pieridae	<i>Pareronia ceylanica</i>	Dark wanderer	NE	Lepidoptera
412	74.79	14.27	Pieridae	<i>Hebomoeta glaucippe</i>	Great Orange Tip	NE	Lepidoptera
413	74.79	14.27	Nymphalidae	<i>Cupha erymanthis</i>	Rustic	NE	Lepidoptera
414	74.79	14.27	Nymphalidae	<i>Elymnias hypermenstra</i>	Common Indian Crow	NE	Lepidoptera
415	74.79	14.27	Nymphalidae	<i>Melanitis leda</i>	Common Evening Brown	NE	Lepidoptera
416	74.79	14.27	Nymphalidae	<i>Mycalesis patnia</i>	Gladeye Bushbrown	NE	Lepidoptera
417	74.79	14.27	Nymphalidae	<i>Neptis hylas</i>	Common Sailor	NE	Lepidoptera
418	74.79	14.27	Nymphalidae	<i>Orsotriaena medus</i>	Nigger	NE	Lepidoptera
419	74.79	14.27	Nymphalidae	<i>Ypthima huebneri</i>	Common Four ring	NE	Lepidoptera
420	74.79	14.27	Nymphalidae	<i>Melanitis phedima</i>	Dark evening Brown	NE	Lepidoptera
421	74.79	14.27	Nymphalidae	<i>Mycalesis anaxias</i>	White bar bush brown	NE	Lepidoptera
422	74.79	14.27	Nymphalidae	<i>Mycalesis perseus</i>	Common Bush brown	NE	Lepidoptera

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423	74.79	14.27	Nymphalidae	<i>Ypthima asterope</i>	Common Three Ring	NE	Lepidoptera
424	74.79	14.27	Nymphalidae	<i>Cethosia nietneri</i>	Tamil Lacewing	NE	Lepidoptera
425	74.79	14.27	Nymphalidae	<i>Vindula erota</i>	Cruiser	NE	Lepidoptera
426	74.79	14.27	Nymphalidae	<i>Phalanta phalantha</i>	Common Leopard	NE	Lepidoptera
427	74.79	14.27	Nymphalidae	<i>Cirrochroa thais</i>	Tamil Yeoman	NE	Lepidoptera
428	74.79	14.27	Nymphalidae	<i>Neptis jumbah</i>	Chestnut-streaked Sailer	NE	Lepidoptera
429	74.79	14.27	Nymphalidae	<i>Pantoporia hordonia</i>	Common Lascar	NE	Lepidoptera
430	74.79	14.27	Nymphalidae	<i>Athyma perius L.</i>	Common Sergeant	NE	Lepidoptera
431	74.79	14.27	Nymphalidae	<i>Limenitis procris (Cramer)</i>	Commander	NE	Lepidoptera
432	74.79	14.27	Nymphalidae	<i>Parthenos sylvia (Cramer)</i>	Clipper	NE	Lepidoptera
433	74.79	14.27	Nymphalidae	<i>Tanaecia lepidea (Butler)</i>	Grey Count	NE	Lepidoptera
434	74.79	14.27	Nymphalidae	<i>Euthalia aconthea</i>	Common Baron	NE	Lepidoptera
435	74.79	14.27	Nymphalidae	<i>Dolpha evelina</i>	Red-spot Duke	NE	Lepidoptera
436	74.79	14.27	Nymphalidae	<i>Ariadne merione</i>	Common Castor	NE	Lepidoptera
437	74.79	14.27	Papilionidae	<i>Graphium doson</i>	Common jay	NE	Lepidoptera
438	74.79	14.27	Papilionidae	<i>Graphium sarpedon</i>	Common Blue bottle	NE	Lepidoptera
439	74.79	14.27	Papilionidae	<i>Graphium agamemnon</i>	Tailed jay	NE	Lepidoptera
440	74.79	14.27	Papilionidae	<i>Graphium antiphate</i>	Five bar Sword tail	NE	Lepidoptera
441	74.79	14.27	Papilionidae	<i>Graphium doson</i>	Common Jay	NE	Lepidoptera
442	74.79	14.27	Papilionidae	<i>Graphium nomius</i>	Spot sword tail	NE	Lepidoptera
443	74.79	14.27	Papilionidae	<i>Pachliopta aristolochiae</i>	Common Rose	NE	Lepidoptera
444	74.79	14.27	Papilionidae	<i>Pachliopta hector</i>	Crimson Rose	NE	Lepidoptera
445	74.79	14.27	Papilionidae	<i>Papilio budha</i>	Buddha peacock	NE	Lepidoptera
446	74.79	14.27	Papilionidae	<i>Papilio helenus</i>	Red helen	NE	Lepidoptera
447	74.79	14.27	Papilionidae	<i>Papilio helenus</i>	Red helen	NE	Lepidoptera
448	74.79	14.27	Papilionidae	<i>Papilio liomedon</i>	Malabar Banded Peacock	NE	Lepidoptera
449	74.79	14.27	Papilionidae	<i>Papilio paris</i>	Paris peacock	NE	Lepidoptera
450	74.79	14.27	Papilionidae	<i>Papilio polymnestor</i>	Blue Mormon	NE	Lepidoptera
451	74.79	14.27	Papilionidae	<i>Papilio polytes</i>	Common Mormon	NE	Lepidoptera
452	74.79	14.27	Papilionidae	<i>Papilio crino</i>	Common banded peacock	NE	Lepidoptera
453	74.79	14.27	Pieridae	<i>Appias albina</i>	Common albatross	NE	Lepidoptera
454	74.79	14.27	Pieridae	<i>Colotis danae</i>	Crimson tip	NE	Lepidoptera
455	74.79	14.27	Pieridae	<i>Colotis etrida</i>	Small orange tip	NE	Lepidoptera
456	74.79	14.27	Pieridae	<i>Catopsilia pomona</i>	Common Emigrant	NE	Lepidoptera
457	74.79	14.27	Pieridae	<i>Delias eucharis</i>	Common jezebel	NE	Lepidoptera
458	74.79	14.27	Pieridae	<i>Eurema brigitta</i>	Small grass yellow	NE	Lepidoptera
459	74.79	14.27	Pieridae	<i>Eurema hecabe</i>	Common Grass yellow	NE	Lepidoptera
460	74.79	14.27	Pieridae	<i>Eurema laeta</i>	Spotless grass yellow	NE	Lepidoptera
461	74.79	14.27	Pieridae	<i>Ixias pyrene</i>	Yellow orange tip	NE	Lepidoptera
462	74.79	14.27	Pieridae	<i>Leptosia nina</i>	Psyche	NE	Lepidoptera
463	74.79	14.27	Pieridae	<i>Pareronia valeria</i>	Common wanderer	NE	Lepidoptera
464	74.79	14.27	Pieridae	<i>Pareronia ceylanica</i>	Dark wanderer	NE	Lepidoptera
465	74.79	14.27	Pieridae	<i>Hebomoeta glaucippe</i>	Great Orange Tip	NE	Lepidoptera
466	74.79	14.27	Nymphalidae	<i>Cupha erymanthis</i>	Rustic	NE	Lepidoptera
467	74.79	14.27	Nymphalidae	<i>Elymnias hypermenstra</i>	Common Indian Crow	NE	Lepidoptera

ANNEXURE II: Fauna of Uttara Kannada district

468	74.79	14.27	Nymphalidae	<i>Melanitis leda</i>	Common Evening Brown	NE	Lepidoptera
469	74.79	14.27	Nymphalidae	<i>Mycalesis patnia</i>	Gladeye Bushbrown	NE	Lepidoptera
470	74.79	14.27	Nymphalidae	<i>Neptis hylas</i>	Common Sailor	NE	Lepidoptera
471	74.79	14.27	Nymphalidae	<i>Orsotriaena medus</i>	Nigger	NE	Lepidoptera
472	74.79	14.27	Nymphalidae	<i>Ypthima huebneri</i>	Common Four ring	NE	Lepidoptera
473	74.79	14.27	Nymphalidae	<i>Melanitis phedima</i>	Dark evening Brown	NE	Lepidoptera
474	74.79	14.27	Nymphalidae	<i>Mycalesis anaxias</i>	White bar bush brown	NE	Lepidoptera
475	74.79	14.27	Nymphalidae	<i>Mycalesis perseus</i>	Common Bush brown	NE	Lepidoptera
476	74.79	14.27	Nymphalidae	<i>Ypthima asterope</i>	Common Three Ring	NE	Lepidoptera
477	74.79	14.27	Nymphalidae	<i>Cethosia nietneri</i>	Tamil Lacewing	NE	Lepidoptera
478	74.79	14.27	Nymphalidae	<i>Vindula erota</i>	Cruiser	NE	Lepidoptera
479	74.79	14.27	Nymphalidae	<i>Phalanta phalantha</i>	Common Leopard	NE	Lepidoptera
480	74.79	14.27	Nymphalidae	<i>Cirrochroa thais</i>	Tamil Yeoman	NE	Lepidoptera
481	74.79	14.27	Nymphalidae	<i>Neptis jumbah</i>	Chestnut-streaked Sailer	NE	Lepidoptera
482	74.79	14.27	Nymphalidae	<i>Pantoporia hordonia</i>	Common Lascar	NE	Lepidoptera
483	74.79	14.27	Nymphalidae	<i>Athyma perius L.,</i>	Common Sergeant	NE	Lepidoptera
484	74.79	14.27	Nymphalidae	<i>Limenitis procris (Cramer)</i>	Commander	NE	Lepidoptera
485	74.79	14.27	Nymphalidae	<i>Parthenos sylvia (Cramer)</i>	Clipper	NE	Lepidoptera
486	74.79	14.27	Nymphalidae	<i>Tanaecia lepidea (Butler)</i>	Grey Count	NE	Lepidoptera
487	74.79	14.27	Nymphalidae	<i>Euthalia aconthea</i>	Common Baron	NE	Lepidoptera
488	74.79	14.27	Nymphalidae	<i>Dolpha evelina</i>	Red-spot Duke	NE	Lepidoptera
489	74.79	14.27	Nymphalidae	<i>Ariadne merione</i>	Common Castor	NE	Lepidoptera
490	74.79	14.27	Nymphalidae	<i>Ariadne ariadne</i>	Angled Castor	NE	Lepidoptera
491	74.79	14.27	Nymphalidae	<i>Acraea violae</i>	Tawny coster	NE	Lepidoptera
492	74.79	14.27	Nymphalidae	<i>Acraea violae</i>	Tawny coster	NE	Lepidoptera
493	74.79	14.27	Calopterygidae	<i>Vestalis gracilis</i>	C;lear winged Forest glory	NE	Odonata
494	74.79	14.27	Calopterygidae	<i>Vestalis apicalis</i>	Black-tipped Forest glory	NE	Odonata
495	74.79	14.27	Chlorocyphidae	<i>Rhinocypha bisignata</i>	Stream ruby	NE	Odonata
496	74.79	14.27	Calopterygidae	<i>Vestalis gracilis</i>	C;lear winged Forest glory	NE	Odonata
497	74.79	14.27	Calopterygidae	<i>Vestalis apicalis</i>	Black-tipped Forest glory	NE	Odonata
498	74.79	14.27	Chlorocyphidae	<i>Rhinocypha bisignata</i>	Stream ruby	NE	Odonata
499	74.79	14.27	Nymphalidae	<i>Polyura athamus</i>	Common Nawab	NE	Lepidoptera
500	74.79	14.27	Nymphalidae	<i>Polyura athamus</i>	Common Nawab	NE	Lepidoptera
501	74.90	14.33	Siddapur	<i>Suatus sp.</i>	Bob	NE	Hesperiidae
502	74.90	14.33	Siddapur	<i>Badamia exclamationis</i>	Brown Awl	NE	Hesperiidae
503	74.90	14.33	Siddapur	<i>Ampittia dioscorides</i>	Bush hopper	NE	Hesperiidae
504	74.90	14.33	Siddapur	<i>Ambrix salsala</i>	Chestnut bob	NE	Hesperiidae
505	74.90	14.33	Siddapur	<i>Odontoptilum angulatum</i>	Chestnut or Banded angle	NE	Hesperiidae
506	74.90	14.33	Siddapur	<i>Hasora badra</i>	Common Awl	NE	Hesperiidae
507	74.90	14.33	Siddapur	<i>Notocrypta paralysis</i>	Common banded demon	NE	Hesperiidae
508	74.90	14.33	Siddapur	<i>Hasora chromus</i>	Common Banded owl	NE	Hesperiidae
509	74.90	14.33	Siddapur	<i>Taractrocera maevius</i>	Common grass dart	NE	Hesperiidae
510	74.90	14.33	Siddapur	<i>Sarangesa dasara</i>	Common Small flat	NE	Hesperiidae
511	74.90	14.33	Siddapur	<i>Tagiades japetus</i>	Common Snow Flat	NE	Hesperiidae
512	74.90	14.33	Siddapur	<i>Celaenorrhinus leucocera</i>	Common Spotted Flat	NE	Hesperiidae

ANNEXURE II: Fauna of Uttara Kannada district

513	74.90	14.33	Siddapur	<i>Pseudocoladenia dan</i>	Fulvous pied flat	NE	Hesperiidae
514	74.90	14.33	Siddapur	<i>Gangara thyrasis</i>	Giant redeste	NE	Hesperiidae
515	74.90	14.33	Siddapur	<i>Udaspes folus</i>	Grass demon	NE	Hesperiidae
516	74.90	14.33	Siddapur	<i>Tagiades gana</i>	Immaculate or Suffused Snow flat	NE	Hesperiidae
517	74.90	14.33	Siddapur	<i>Spialia galba</i>	Indian grizzled skipper	NE	Hesperiidae
518	74.90	14.33	Siddapur	<i>Suastus gremius</i>	Indian palm bob	NE	Hesperiidae
519	74.90	14.33	Siddapur	<i>Celaenorrhinus ambareesa</i>	Malabar Spotted Flat	NE	Hesperiidae
520	74.90	14.33	Siddapur	<i>Halpe porus</i>	Moore's ace	NE	Hesperiidae
521	74.90	14.33	Siddapur	<i>Bibasis sena</i>	Orange Tail Awl	NE	Hesperiidae
522	74.90	14.33	Siddapur	<i>Telicota colon</i>	Pale palm dart	NE	Hesperiidae
523	74.90	14.33	Siddapur	<i>Notoecrypta curvifascia</i>	Restricted demon	NE	Hesperiidae
524	74.90	14.33	Siddapur	<i>Borbo cinnara</i>	Rice swift	NE	Hesperiidae
525	74.90	14.33	Siddapur	<i>Pelopidas mathias</i>	Small banded swift	NE	Hesperiidae
526	74.90	14.33	Siddapur	<i>Coladenia indrani</i>	Tricolor pied flat	NE	Hesperiidae
527	74.90	14.33	Siddapur	<i>Tagiades litigiosa</i>	Water Snow Flat	NE	Hesperiidae
528	74.90	14.33	Siddapur	<i>Caleta caleta</i>	Angled pierrot	NE	Lycaenidae
529	74.90	14.33	Siddapur	<i>Spalgis epius</i>	Ape fly	NE	Lycaenidae
530	74.90	14.33	Siddapur	<i>Discolampa ethion</i>	Banded Blue pierrot	NE	Lycaenidae
531	74.90	14.33	Siddapur	<i>Azanus ubaldus</i>	Bright babul blue	NE	Lycaenidae
532	74.90	14.33	Siddapur	<i>Jamides celeno</i>	Common Cerulin	NE	Lycaenidae
533	74.90	14.33	Siddapur	<i>Deudorix isocrates</i>	Common guva bue	NE	Lycaenidae
534	74.90	14.33	Siddapur	<i>Acytolepis puspa</i>	Common Hedge blue	NE	Lycaenidae
535	74.90	14.33	Siddapur	<i>Prosotas nora</i>	Common Line blue	NE	Lycaenidae
536	74.90	14.33	Siddapur	<i>Castalius rosimon</i>	Common pierrot	NE	Lycaenidae
537	74.90	14.33	Siddapur	<i>Deudorix epizarbus</i>	Cornelian	NE	Lycaenidae
538	74.90	14.33	Siddapur	<i>Jamides bochus</i>	Dark cerulin	NE	Lycaenidae
539	74.90	14.33	Siddapur	<i>Zizeeria karsandra</i>	Dark grass blue	NE	Lycaenidae
540	74.90	14.33	Siddapur	<i>Zelus amasa</i>	Fluffy tit	NE	Lycaenidae
541	74.90	14.33	Siddapur	<i>Freyeria trochilus</i>	Grass Jewel	NE	Lycaenidae
542	74.90	14.33	Siddapur	<i>Everes lacturnus</i>	Indian cupid	NE	Lycaenidae
543	74.90	14.33	Siddapur	<i>Curetis thetis</i>	Indian sunbeam	NE	Lycaenidae
544	74.90	14.33	Siddapur	<i>Rapala varuna</i>	Indigo flash	NE	Lycaenidae
545	74.90	14.33	Siddapur	<i>Nacaduba pactolus</i>	Large Four Line Blue	NE	Lycaenidae
546	74.90	14.33	Siddapur	<i>Zizina otis</i>	Lesser grass blue	NE	Lycaenidae
547	74.90	14.33	Siddapur	<i>Chilades laius</i>	Lime blue	NE	Lycaenidae
548	74.90	14.33	Siddapur	<i>Jamides alecto</i>	Metallic Cerulin	NE	Lycaenidae
549	74.90	14.33	Siddapur	<i>Nacaduma hermus</i>	Pale four line blue	NE	Lycaenidae
550	74.90	14.33	Siddapur	<i>Pseudozizeeria maha</i>	Pale grass blue	NE	Lycaenidae
551	74.90	14.33	Siddapur	<i>Lampides boeticus</i>	Pea blue	NE	Lycaenidae
552	74.90	14.33	Siddapur	<i>Abisara echerius</i>	Plum Judy	NE	Lycaenidae
553	74.90	14.33	Siddapur	<i>Neopithecops zalmora</i>	Quaker	NE	Lycaenidae
554	74.90	14.33	Siddapur	<i>Rapala manea</i>	Slate flash	NE	Lycaenidae
555	74.90	14.33	Siddapur	<i>Prosotas dubiosa</i>	Tailless line blue	NE	Lycaenidae
556	74.90	14.33	Siddapur	<i>Zizula hylax</i>	Tiny grass blue	NE	Lycaenidae
557	74.90	14.33	Siddapur	<i>Leptotes plinius</i>	Zebra Blue	NE	Lycaenidae

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558	74.90	14.33	Siddapur	<i>Papilio budha</i>	Buddha peacock	NE	Papilionidae
559	74.90	14.33	Siddapur	<i>Papilio crino</i>	Common banded peacock	NE	Papilionidae
560	74.90	14.33	Siddapur	<i>Graphium sarpedon</i>	Common Blue bottle	NE	Papilionidae
561	74.90	14.33	Siddapur	<i>Catopsilia pomona</i>	Common Emigrant	NE	Papilionidae
562	74.90	14.33	Siddapur	<i>Graphium doson</i>	Common jay	NE	Papilionidae
563	74.90	14.33	Siddapur	<i>Papilio clytia</i>	Common mime	NE	Papilionidae
564	74.90	14.33	Siddapur	<i>Papilio polytes</i>	Common Mormon	NE	Papilionidae
565	74.90	14.33	Siddapur	<i>Pachliopta aristolochiae</i>	Common Rose	NE	Papilionidae
566	74.90	14.33	Siddapur	<i>Graphium antiphates</i>	Five bar Sword tail	NE	Papilionidae
567	74.90	14.33	Siddapur	<i>Papilio demoleus</i>	Lime butterfly	NE	Papilionidae
568	74.90	14.33	Siddapur	<i>Papilio paris</i>	Paris peacock	NE	Papilionidae
569	74.90	14.33	Siddapur	<i>Papilio helenus</i>	Red helen	NE	Papilionidae
570	74.90	14.33	Siddapur	<i>Graphium nomius</i>	Spot sword tail	NE	Papilionidae
571	74.90	14.33	Siddapur	<i>Graphium agamemnon</i>	Tailed jay	NE	Papilionidae
572	74.90	14.33	Siddapur	<i>Acraea violae</i>	Tawny coster	NE	Pieridae
573	74.90	14.33	Siddapur	<i>Doleschallia bisaltide</i>	Autumn leaf	NE	Pieridae
574	74.90	14.33	Siddapur	<i>Charaxes dolon</i>	Black rajah	NE	Pieridae
575	74.90	14.33	Siddapur	<i>Kaniska canace</i>	Blue admiral	NE	Pieridae
576	74.90	14.33	Siddapur	<i>Junonia orithya</i>	Blue pansy	NE	Pieridae
577	74.90	14.33	Siddapur	<i>Tirumala limnaeus</i>	Blue tiger	NE	Pieridae
578	74.90	14.33	Siddapur	<i>Anaphaeis aurota</i>	Caper White or pioneer	NE	Pieridae
579	74.90	14.33	Siddapur	<i>Junonia iphita</i>	Chocolate Pancy	NE	Pieridae
580	74.90	14.33	Siddapur	<i>Appias albina</i>	Common albatross	NE	Pieridae
581	74.90	14.33	Siddapur	<i>Libythea lepita</i>	Common Beak	NE	Pieridae
582	74.90	14.33	Siddapur	<i>Ariadne merione</i>	Common castor	NE	Pieridae
583	74.90	14.33	Siddapur	<i>Ypthima baldus</i>	Common Five ring	NE	Pieridae
584	74.90	14.33	Siddapur	<i>Ypthima huebneri</i>	Common Four ring	NE	Pieridae
585	74.90	14.33	Siddapur	<i>Eurema hecabe</i>	Common Grass yellow	NE	Pieridae
586	74.90	14.33	Siddapur	<i>Cepora nerissa</i>	Common gull	NE	Pieridae
587	74.90	14.33	Siddapur	<i>Euploea core</i>	Common Indian Crow	NE	Pieridae
588	74.90	14.33	Siddapur	<i>Delias eucharis</i>	Common jezebel	NE	Pieridae
589	74.90	14.33	Siddapur	<i>Polyura athamas</i>	Common nawab	NE	Pieridae
590	74.90	14.33	Siddapur	<i>Ypthima asterope</i>	Common Three ring	NE	Pieridae
591	74.90	14.33	Siddapur	<i>Pareronia valeria</i>	Common wanderer	NE	Pieridae
592	74.90	14.33	Siddapur	<i>Colotis danae</i>	Crimson tip	NE	Pieridae
593	74.90	14.33	Siddapur	<i>Tirumala septentrionis</i>	Dark blue tiger	NE	Pieridae
594	74.90	14.33	Siddapur	<i>Pareronia ceylanica</i>	Dark wanderer	NE	Pieridae
595	74.90	14.33	Siddapur	<i>Parantica aglea</i>	Gassy blue tiger	NE	Pieridae
596	74.90	14.33	Siddapur	<i>Hypolimnas bolina</i>	Great eggfly	NE	Pieridae
597	74.90	14.33	Siddapur	<i>Junonia atlites</i>	Grey pansy	NE	Pieridae
598	74.90	14.33	Siddapur	<i>Pieris canidia</i>	Indian cabbage white	NE	Pieridae
599	74.90	14.33	Siddapur	<i>Byblia ilithiya</i>	Joker	NE	Pieridae
600	74.90	14.33	Siddapur	<i>Junonia lemonias</i>	Lemon Pansy	NE	Pieridae
601	74.90	14.33	Siddapur	<i>Catopsilia pyranthe</i>	Mottled emigrant	NE	Pieridae
602	74.90	14.33	Siddapur	<i>Eurema andersonii</i>	One spot grass yellow	NE	Pieridae

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603	74.90	14.33	Siddapur	<i>Cynthia cardui</i>	Painted Lady	NE	Pieridae
604	74.90	14.33	Siddapur	<i>Junonia almana</i>	Peacock pansy	NE	Pieridae
605	74.90	14.33	Siddapur	<i>Colotis eucharis</i>	Plain orange tip	NE	Pieridae
606	74.90	14.33	Siddapur	<i>Appias indra</i>	Plain Puffin	NE	Pieridae
607	74.90	14.33	Siddapur	<i>Danaus chrysipus</i>	Plain tiger	NE	Pieridae
608	74.90	14.33	Siddapur	<i>Leptosia nina</i>	Psyche	NE	Pieridae
609	74.90	14.33	Siddapur	<i>Dolpha evelina</i>	Redspot duke	NE	Pieridae
610	74.90	14.33	Siddapur	<i>Ypthima sp.</i>	Ring	NE	Pieridae
611	74.90	14.33	Siddapur	<i>Eurema brigitta</i>	Small grass yellow	NE	Pieridae
612	74.90	14.33	Siddapur	<i>Colotis etrida</i>	Small orange tip	NE	Pieridae
613	74.90	14.33	Siddapur	<i>Eurema laeta</i>	Spotless grass yellow	NE	Pieridae
614	74.90	14.33	Siddapur	<i>Appias libythea</i>	Striped Albatross	NE	Pieridae
615	74.90	14.33	Siddapur	<i>Danaus genutia</i>	Common Tiger	NE	Pieridae
616	74.90	14.33	Siddapur	<i>Cethosia nietneri</i>	Tamil lacewing	NE	Pieridae
617	74.90	14.33	Siddapur	<i>Charaxes bernardus</i>	Tawny rajah	NE	Pieridae
618	74.90	14.33	Siddapur	<i>Eurema blanda</i>	Three spot Grass yellow	NE	Pieridae
619	74.90	14.33	Siddapur	<i>Ixias marianne</i>	White orange tip	NE	Pieridae
620	74.90	14.33	Siddapur	<i>Ixias pyrene</i>	Yellow orange tip	NE	Pieridae
621	74.90	14.33	Siddapur	<i>Junonia hierta</i>	Yellow pancy	NE	Pieridae
622	74.90	14.33	Siddapur	<i>Hypolimnas misippus</i>	Zebra Blue	NE	Pieridae
623	74.90	14.33	Siddapur	<i>Pachliopta hector</i>	Crimson Rose	NE/EN	Papilionidae
624	74.90	14.33	Siddapur	<i>Polyura schreiber</i>	Blue nawab	NE/EN	Pieridae

Amphibian - Endemic

S.no	Longitude	Latitude	Location	Scientific name	Common_name	E / NE	IUCN status	Family
1	74.90	14.50	Aghnashini	<i>Minervarya sahyadris</i>		E	EN	Dicroglossidae
2	74.90	14.50	Aghnashini	<i>Nyctibatrachus cf. aliciae</i>		E	VU	Ranidae
3	74.90	14.50	Aghnashini	<i>Pedostibes tuberculosus</i>	Malabar tree toad	E	VU	Bufoidea
4	74.61	15.14	Amgaon	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
5	74.61	15.14	Amgaon	<i>Fejervarya caperata</i>	Wrinkled Fejervarya	E/WG	DD	Dicroglossidae
6	74.61	15.14	Amgaon	<i>Euphyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
7	74.38	15.02	Anashi	<i>Pedostibes tuberculosus</i>	Malabar tree toad	E	VU	Bufoidea
8	74.40	15.01	Anashi	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
9	74.40	15.01	Anashi	<i>Philautus tuberohumerus</i>	Kudremukh Bush Frog	E/WG	DD	Rhacophoridae
10	74.40	15.01	Anashi	<i>Minervarya sahyadris</i>	Minervarya Frog	E/WG	EN	Dicroglossidae
11	74.40	15.01	Anashi	<i>Pedostibe tuberculosus</i>	Malabar Tree Toad	E/WG	EN	Bufoidea
12	74.40	15.01	Anashi	<i>Philautus wynaadensis</i>	Dark eared bush frog	E/WG	EN	Rhacophoridae
13	74.40	15.01	Anashi	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	E/WG	LC	Dicroglossidae
14	74.40	15.01	Anashi	<i>Ramanella montana</i>	Jerdon Ramanella's	E/WG	LC	Microhalidae
15	74.40	15.01	Anashi	<i>Hylarana temporalis</i>	Bronze Frog	E/WG	NT	Ranidae

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16	74.40	15.01	Anashi	<i>Microhyla rubra</i>	Rednarrow mouthed frog	E/WG	NT	Microhalidae
17	74.40	15.01	Anashi	<i>Nyctibatrachus petraeus</i>	Castle Rock Night Frog	E/WG	NT	Nyctibatrachidae
18	74.40	15.01	Anashi	<i>Philautus bombayensis</i>	Maharashtra Bush Frog	E/WG	VU	Rhacophoridae
19	74.36	15.01	Badapoli	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
20	74.36	15.01	Badapoli	<i>Fejervarya caperata</i>	Wrinkled Fejervarya	E/WG	DD	Dicroglossidae
21	74.36	15.01	Badapoli	<i>Indirana semipalmata</i>	South Indian Frog	E/WG	LC	Ranixalidae
22	74.36	15.01	Badapoli	<i>Nyctibatrachus petraeus</i>	Castle Rock Night Frog	E/WG	NT	Nyctibatrachidae
23	74.36	15.01	Badapoli	<i>Philautus bombayensis</i>	Maharashtra Bush Frog	E/WG	VU	Rhacophoridae
24	74.67	14.25	Baillalli	<i>Acris crepitans</i>	Reddish Cricket Frog	E	LC	Bufoidea
25	74.67	14.25	Baillalli	<i>Rhacophorus malabaricus</i>	Malabar gliding Frog	E	LC	Bufoidea
26	74.78	14.97	Bedthi	<i>Minervarya sahyadris</i>		E	EN	Dicroglossidae
27	74.78	14.97	Bedthi	<i>Nyctibatrachus cf. aliciae</i>		E	VU	Ranidae
28	74.78	14.97	Bedthi	<i>Nyctibatrachus cf. petraeus</i>		E	VU	Ranidae
29	74.78	14.97	Bedthi	<i>Pedostibes tuberculosus</i>	Malabar tree toad	E	VU	Bufoidea
30	74.58	14.91	Beegaru	<i>Euphylyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
31	74.58	14.91	Beegaru	<i>Indirana semipalmata</i>	South Indian Frog	E/WG	LC	Ranixalidae
32	74.58	14.91	Beegaru	<i>Nyctibatrachus petraeus</i>	Castle Rock Night Frog	E/WG	NT	Nyctibatrachidae
33	74.57	13.97	Bhatkal	<i>Ichthyophis glutinosus</i>		E	LC	Ichthyophiidae
34	74.34	15.45	Castle rock	<i>Acris crepitans</i>	Reddish Cricket Frog	E	LC	Bufoidea
35	75.03	14.97	Chitageri	<i>Philautus ambolli</i>	Ambolli Bush Frog	E	CR	Bufoidea
36	75.03	14.97	Chitageri	<i>Nyctibatrachus petraeus</i>	Castlerock Night Frog	E	LC	Bufoidea
37	75.03	14.97	Chitageri	<i>Nyctibatrachus karnatakaensis</i>	Karnataka night Frog	E	VU	Bufoidea
38	74.52	15.09	Cyntheri rock	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
39	74.52	15.09	Cyntheri rock	<i>Fejervarya caperata</i>	Wrinkled Fejervarya	E/WG	DD	Dicroglossidae
40	74.52	15.09	Cyntheri rock	<i>Duttaphrynus melanostictus</i>	Common Indian Toad	E/WG	LC	Bufoidea
41	74.52	15.09	Cyntheri rock	<i>Euphylyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
42	74.52	15.09	Cyntheri rock	<i>Clinotarsus curtipes</i>	Bicoloured Frog	E/WG	LC	Ranidae
43	74.52	15.09	Cyntheri rock	<i>Indirana semipalmata</i>	South Indian Frog	E/WG	LC	Ranixalidae
44	74.52	15.09	Cyntheri rock	<i>Philautus bombayensis</i>	Maharashtra Bush Frog	E/WG	VU	Rhacophoridae
45	74.25	14.97	Dandeli Wildlife sanctuary	<i>Hylarana malabarica</i>	Fungoid Frog	E	LC	Ranidae
46	74.41	15.15	Deriye	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
47	74.41	15.15	Deriye	<i>Fejervarya caperata</i>	Wrinkled Fejervarya	E/WG	DD	Dicroglossidae
48	74.41	15.15	Deriye	<i>Fajervarya rufescens</i>	Reddish Burrowing Frog	E/WG	LC	Dicroglossidae
49	74.41	15.15	Deriye	<i>Nyctibatrachus petraeus</i>	Castle Rock Night Frog	E/WG	NT	Nyctibatrachidae
50	74.41	15.15	Deriye	<i>Philautus bombayensis</i>	Maharashtra Bush Frog	E/WG	VU	Rhacophoridae
51	74.25	14.97	Gersoppa	<i>Ichthyophis beddomei</i>		E	VU	Ichthyophiidae taylor
52	74.29	14.96	Goira	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
53	74.29	14.96	Goira	<i>Euphylyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
54	74.29	14.96	Goira	<i>Clinotarsus curtipes</i>	Bicoloured Frog	E/WG	LC	Ranidae
55	74.29	14.96	Goira	<i>Fajervarya rufescens</i>	Reddish Burrowing Frog	E/WG	LC	Dicroglossidae
56	74.57	15.35	Gowliwada	<i>Acris crepitans</i>	Reddish Cricket Frog	E	LC	Bufoidea
57	74.57	15.35	Gowliwada	<i>Hylarana aurantiaca</i>	Golden Frog	E	VU	Bufoidea
58	74.57	15.35	Gowliwada	<i>Micrixalus saxicola</i>	Small Torrent Frog	E	VU	Bufoidea
59	74.54	15.14	Gunda road	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae

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60	74.54	15.14	Gunda road	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
61	74.54	15.14	Gunda road	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	E/WG	LC	Dicroglossidae
62	74.54	15.14	Gunda road	<i>Ramanella montana</i>	Jerdon Ramanella's	E/WG	LC	Microhalidae
63	74.54	15.14	Gunda road	<i>Hylarana temporalis</i>	Bronze Frog	E/WG	NT	Ranidae
64	74.54	15.14	Gunda road	<i>Nyctibatrachus petraeus</i>	Castle Rock Night Frog	E/WG	NT	Nyctibatrachidae
65	75.03	15.00	Gunjavathi	<i>Fejervarya sahyadris</i>	Sahyadri Minervarya Frog	E	EN	Bufoidea
66	75.03	15.00	Gunjavathi	<i>Hylarana malabarica</i>	Fungoid Frog	E	LC	Bufoidea
67	74.68	14.35	Halsolli	<i>Rhacophorus malabaricus</i>	Malabar gliding Frog	E	LC	Bufoidea
68	74.68	14.35	Halsolli	<i>Nyctibatrachus petraeus</i>	Castlerock Night Frog	E	LC	Bufoidea
69	74.68	14.35	Halsolli	<i>Micrixalus saxicola</i>	Small Torrent Frog	E	VU	Bufoidea
70	74.68	14.35	Halsolli	<i>Nyctibatrachus cf. aliciae</i>		E	VU	Ranidae
71	74.68	14.35	Halsolli	<i>Ichthyophis beddomei</i>		E	VU	Ichthyophiidae tay
72	74.68	14.35	Halsolli	<i>Fejervarya rufescens</i>		E	DD	Dicroglossidae
73	74.68	14.35	Halsolli	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	E/	LC	Dicroglossidae
74	74.68	14.35	Halsolli	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/	LC	Dicroglossidae
75	74.68	14.35	Halsolli	<i>Ramanella montana</i>	Jerdon Ramanella's	E/	LC	Microhalidae
76	74.64	14.12	Hosagadde	<i>Indirana semipalmata</i>	Small Leaping Frog	E	LC	Bufoidea
77	74.38	15.10	Jhalavali	<i>Philautus bombayensis</i>	Maharashtra Bush Frog	E/WG	VU	Rhacophoridae
78	74.38	15.10	Jhalavalli	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
79	74.38	15.10	Jhalavalli	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	E/WG	LC	Dicroglossidae
80	74.38	15.10	Jhalavalli	<i>Clinotarsus curtipes</i>	Bicoloured Frog	E/WG	LC	Ranidae
81	74.38	15.10	Jhalavalli	<i>Hylarana temporalis</i>	Bronze Frog	E/WG	NT	Ranidae
82	74.38	15.10	Jhalavalli	<i>Nyctibatrachus petraeus</i>	Castle Rock Night Frog	E/WG	NT	Nyctibatrachidae
83	74.47	15.02	Kaneri bridge	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
84	74.47	15.02	Kaneri bridge	<i>Fejervarya caperata</i>	Wrinkled Fejervarya	E/WG	DD	Dicroglossidae
85	74.47	15.02	Kaneri bridge	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
86	74.47	15.02	Kaneri bridge	<i>Indirana semipalmata</i>	South Indian Frog	E/WG	LC	Ranixalidae
87	74.47	15.02	Kaneri bridge	<i>Rhacophorus malabaricus</i>	Malabar Flying Frog	E/WG	LC	Rhacophoridae
88	74.47	15.02	Kaneri bridge	<i>Nyctibatrachus petraeus</i>	Castle Rock Night Frog	E/WG	NT	Nyctibatrachidae
89	74.47	15.02	Kaneri bridge	<i>Philautus bombayensis</i>	Maharashtra Bush Frog	E/WG	VU	Rhacophoridae
90	74.64	15.22	KAnashirda lake	<i>Euphlyctis aloysii</i>	Alloys Skittering Frog	E/WG	DD	Dicroglossidae
91	74.64	15.22	KAnashirda lake	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
92	74.45	14.39	Kathagala	<i>Fejervarya sahyadris</i>	Sahyadri Minervarya Frog	E	EN	Bufoidea
93	74.45	14.39	Kathagala	<i>Hylarana malabarica</i>	Fungoid Frog	E	LC	Bufoidea
94	74.45	14.39	Kathagala	<i>Indirana semipalmata</i>	Small Leaping Frog	E	LC	Bufoidea
95	74.45	14.39	Kathagala	<i>Micrixalus saxicola</i>	Small Torrent Frog	E	VU	Bufoidea
96	74.75	14.28	Kathagala	<i>Hylarana aurantiaca</i>	Golden Frog	E	VU	Bufoidea
97	74.75	14.28	Kathalekan	<i>Philautus amboli</i>	Ambolli Bush Frog	E	CR	Bufoidea
98	74.75	14.28	Kathalekan	<i>Nyctibatrachus petraeus</i>	Castlerock Night Frog	E	LC	Bufoidea
99	74.75	14.28	Kathalekan	<i>Nyctibatrachus karnatakaensis</i>	Karnataka night Frog	E	VU	Bufoidea
100	74.75	14.28	Kathalekan	<i>Rhacophorus malabaricus</i>	Malabar gliding Frog	E	LC	Bufoidea
101	74.75	14.28	Kathalekan	<i>Nyctibatrachus petraeus</i>	Castlerock Night Frog	E	LC	Bufoidea
102	74.75	14.28	Kathalekan	<i>Micrixalus saxicola</i>	Small Torrent Frog	E	VU	Bufoidea
103	74.75	14.28	Kathalekan	<i>Nyctibatrachus cf. aliciae</i>		E	VU	Ranidae
104	74.75	14.28	Kathalekan	<i>Ichthyophis beddomei</i>		E	VU	Ichthyophiidae tay

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105	74.75	14.28	Kathalekan	<i>Fejervarya rufescens</i>		E	DD	Dicroglossidae
106	74.75	14.28	Kathalekan	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	E/	LC	Dicroglossidae
107	74.75	14.28	Kathalekan	<i>Euphyctis cyanophlyctis</i>	Skittering Frog	E/	LC	Dicroglossidae
108	74.75	14.28	Kathalekan	<i>Ramanella montana</i>	Jerdon Ramanella's	E/	LC	Microhalidae
109	74.66	15.17	Kulgi	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
110	74.66	15.17	Kulgi	<i>Fejervarya caperata</i>	Wrinkled Fejervarya	E/WG	DD	Dicroglossidae
111	74.66	15.17	Kulgi	<i>Sphaerotheca leucorhynchus</i>	Rao's Burrowing Frog	E/WG	DD	Dicroglossidae
112	74.66	15.17	Kulgi	<i>Minervarya sahyadris</i>	Minervarya Frog	E/WG	EN	Dicroglossidae
113	74.66	15.17	Kulgi	<i>Euphyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
114	74.66	15.17	Kulgi	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	E/WG	LC	Dicroglossidae
115	74.66	15.17	Kulgi	<i>Kaloula taprobanica</i>	Sri lankakaloula	E/WG	LC	Microhalidae
116	74.66	15.17	Kulgi	<i>Microhyla ornata</i>	Ornate Narrow mouthed Frog	E/WG	LC	Microhalidae
117	74.66	15.17	Kulgi	<i>Polypedates maculatus</i>	Chunam Frog	E/WG	LC	Rhacophoridae
118	74.66	15.17	Kulgi	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	E/WG	LC	Dicroglossidae
119	74.66	15.17	Kulgi	<i>Ramanella montana</i>	Jerdon Ramanella's	E/WG	LC	Microhalidae
120	74.66	15.17	Kulgi	<i>Hylarana temporalis</i>	Bronze Frog	E/WG	NT	Ranidae
121	74.66	15.17	Kulgi	<i>Philautus bombayensis</i>	Maharashtra Bush Frog	E/WG	VU	Rhacophoridae
122	74.40	14.42	Kumta	<i>Ichthyophis beddomei</i>		E	VU	Ichthyophiidae taylor
123	74.75	14.85	Magod	<i>Fejervarya sahyadris</i>	Sahyadri Minervarya Frog	E	EN	Bufoidea
124	74.75	14.85	Magod	<i>Hylarana malabarica</i>	Fungoid Frog	E	LC	Bufoidea
125	74.75	14.85	Magod	<i>Indirana semipalmata</i>	Small Leaping Frog	E	LC	Bufoidea
126	74.75	14.85	Magod	<i>Rhacophorus malabaricus</i>	Malabar gliding Frog	E	LC	Bufoidea
127	74.74	14.27	Malemane	<i>Rhacophorus malabaricus</i>	Malabar gliding Frog	E	LC	Bufoidea
128	74.74	14.27	Malemane	<i>Nyctibatrachus petraeus</i>	Castlerock Night Frog	E	LC	Bufoidea
129	74.74	14.27	Malemane	<i>Micrixalus saxicola</i>	Small Torrent Frog	E	VU	Bufoidea
130	74.74	14.27	Malemane	<i>Nyctibatrachus cf. aliciae</i>		E	VU	Ranidae
131	74.74	14.27	Malemane	<i>Ichthyophis beddomei</i>		E	VU	Ichthyophiidae tay
132	74.74	14.27	Malemane	<i>Fejervarya rufescens</i>		E	DD	Dicroglossidae
133	74.74	14.27	Malemane	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	E/	LC	Dicroglossidae
134	74.74	14.27	Malemane	<i>Euphyctis cyanophlyctis</i>	Skittering Frog	E/	LC	Dicroglossidae
135	74.74	14.27	Malemane	<i>Ramanella montana</i>	Jerdon Ramanella's	E/	LC	Microhalidae
136	74.61	15.10	Mines	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
137	74.61	15.10	Mines	<i>Duttaphrynus melanostictus</i>	Common Indian Toad	E/WG	LC	Bufoidea
138	74.61	15.10	Mines	<i>Euphyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
139	74.79	14.27	Mundigethagu	<i>Rhacophorus malabaricus</i>	Malabar gliding Frog	E	VU	Bufoidea
140	74.79	14.27	Mundigethagu	<i>Nyctibatrachus petraeus</i>	Castlerock Night Frog	E	LC	Bufoidea
141	74.79	14.27	Mundigethagu	<i>Micrixalus saxicola</i>	Small Torrent Frog	E	VU	Bufoidea
142	74.79	14.27	Mundigethagu	<i>Nyctibatrachus cf. aliciae</i>		E	VU	Ranidae
143	74.79	14.27	Mundigethagu	<i>Ichthyophis beddomei</i>		E	VU	Ichthyophiidae tay
144	74.79	14.27	Mundigethagu	<i>Fejervarya rufescens</i>		E	DD	Dicroglossidae
145	74.79	14.27	Mundigethagu	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	E/	LC	Dicroglossidae
146	74.79	14.27	Mundigethagu	<i>Euphyctis cyanophlyctis</i>	Skittering Frog	E/	LC	Dicroglossidae
147	74.79	14.27	Mundigethagu	<i>Ramanella montana</i>	Jerdon Ramanella's	E/	LC	Microhalidae
148	74.63	15.15	Nagzhari	<i>Minervarya sahyadris</i>	Minervarya Frog	E/WG	EN	Dicroglossidae

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149	74.63	15.15	Nagzhari	<i>Indirana semipalmata</i>	South Indian Frog	E/WG	LC	Ranixalidae
150	74.64	15.09	Nagzhari(xiii)	<i>Duttaphrynus melanostictus</i>	Common Indian Toad	E/WG	LC	Bufoidea
151	74.64	15.09	Nagzhari(xiii)	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
152	74.64	15.09	Nagzhari(xiii)	<i>Polypedates maculatus</i>	Chunam Frog	E/WG	LC	Rhacophoridae
153	74.64	15.09	Nagzhari(xiii)	<i>Nyctibatrachus petraeus</i>	Castle Rock Night Frog	E/WG	NT	Nyctibatrachidae
154	74.63	15.15	Nagzhari(xiv)	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
155	74.63	15.15	Nagzhari(xiv)	<i>Indirana beddomii</i>	Beddome's Indian Frog	E/WG	LC	Ranixalidae
156	74.63	15.15	Nagzhari(xiv)	<i>Nyctibatrachus petraeus</i>	Castle Rock Night Frog	E/WG	NT	Nyctibatrachidae
157	74.34	14.92	Sakatihalli	<i>Fejervarya caperata</i>	Wrinkled Fejervarya	E/WG	DD	Dicroglossidae
158	74.34	14.92	Sakatihalli	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
159	74.72	14.55	Sapurthi	<i>Philautus amboli</i>	Ambolli Bush Frog	E	CR	Bufoidea
160	74.72	14.55	Sapurthi	<i>Micrixalus saxicola</i>	Small Torrent Frog	E	VU	Bufoidea
161	74.72	14.55	Sapurthi	<i>Pedostibes tuberculosus</i>	Malabar tree toad	E	VU	Bufoidea
162	74.62	14.40	Sharavathi	<i>Fejervarya sahyadris</i>		E	EN	Dicroglossidae
163	74.62	14.40	Sharavathi	<i>Micrixalus gadgil</i>		E	EN	Micrixalidae
164	74.62	14.40	Sharavathi	<i>Philautus ponmudi</i>		E	CR	Rhacophoridae
165	74.62	14.40	Sharavathi	<i>Fejervarya rufescens</i>		E	DD	Dicroglossidae
166	74.62	14.40	Sharavathi	<i>Philautus tuberochumerus</i>		E	DD	Rhacophoridae
167	74.62	14.40	Sharavathi	<i>Clinotarsus curtipes</i>	Bicoloured frog	E	LC	Ranidae
168	74.62	14.40	Sharavathi	<i>Rhacophorus malabaricus</i>		E	LC	Rhacophoridae
169	74.62	14.40	Sharavathi	<i>Nyctibatrachus cf.aliciae</i>		E	VU	Ranidae
170	74.62	14.40	Sharavathi	<i>Nyctibatrachus cf.petraeus</i>		E	VU	Ranidae
171	74.83	14.62	Sirsi	<i>Ichthyopsis malabarensis</i>		E	DD	Ichthyophiidae
172	74.83	14.62	Sirsi	<i>Ichthyophis beddomei</i>		E	VU	Ichthyophiidae
173	74.53	14.57	Sirsi_betelnut plantation	<i>Fejervarya keralensis</i>	Verrucose Frog	E	DD	Ranidae
174	74.79	14.27	Torme	<i>Rhacophorus malabaricus</i>	Malabar gliding Frog	E	LC	Bufoidea
175	74.79	14.27	Torme	<i>Nyctibatrachus petraeus</i>	Castlerock Night Frog	E	LC	Bufoidea
176	74.79	14.27	Torme	<i>Micrixalus saxicola</i>	Small Torrent Frog	E	VU	Bufoidea
177	74.79	14.27	Torme	<i>Nyctibatrachus cf.aliciae</i>		E	VU	Ranidae
178	74.79	14.27	Torme	<i>Ichthyophis beddomei</i>		E	VU	Ichthyophiidae tay
179	74.79	14.27	Torme	<i>Fejervarya rufescens</i>		E	DD	Dicroglossidae
180	74.79	14.27	Torme	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	E/	LC	Dicroglossidae
181	74.79	14.27	Torme	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/	LC	Dicroglossidae
182	74.79	14.27	Torme	<i>Ramanella montana</i>	Jerdon Ramanella's	E/	LC	Microhalidae
183	74.50	15.01	Ulvi	<i>Fejervarya caperata</i>	Wrinkled Fejervarya	E/WG	DD	Dicroglossidae
184	74.50	15.01	Ulvi	<i>Minervarya sahyadris</i>	Minervarya Frog	E/WG	EN	Dicroglossidae
185	74.50	15.01	Ulvi	<i>Duttaphrynus melanostictus</i>	Common Indian Toad	E/WG	LC	Bufoidea
186	74.50	15.01	Ulvi	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
187	74.50	15.01	Ulvi	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	E/WG	LC	Dicroglossidae
188	74.50	15.01	Ulvi	<i>Microhyla ornata</i>	Ornate Narrow mouthed Frog	E/WG	LC	Microhalidae
189	74.50	15.01	Ulvi	<i>Hylarana temporalis</i>	Bronze Frog	E/WG	NT	Ranidae
190	74.71	15.16	Virnolli	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
191	74.71	15.16	Virnolli	<i>Duttaphrynus melanostictus</i>	Common Indian Toad	E/WG	LC	Bufoidea

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192	74.71	15.16	Virnolli	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
193	74.71	15.16	Virnolli	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	E/WG	LC	Dicroglossidae
194	74.71	15.16	Virnolli	<i>Bufo scaber</i>	Ferguson Toad	E/WG	LC	Bufonidae
195	74.71	15.16	Virnolli	<i>Clinotarsus curtipes</i>	Bicoloured Frog	E/WG	LC	Ranidae
196	74.57	15.17	Water (ix)	<i>Fejervarya caperata</i>	Wrinkled Fejervarya	E/WG	DD	Dicroglossidae
197	74.57	15.17	Water (ix)	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
198	74.57	15.17	Water (ix)	<i>Microhyla ornata</i>	Ornate Narrow mouthed Frog	E/WG	LC	Microhalidae
199	74.57	15.17	Water (ix)	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	E/WG	LC	Dicroglossidae
200	74.57	15.17	Water (ix)	<i>Fajervarya rufescens</i>	Reddish Burrowing Frog	E/WG	LC	Dicroglossidae
201	74.62	15.11	Water (xi)	<i>Philautus ambolli</i>	Ambolli Bush Frog	E/WG	CR	Rhacophoridae
202	74.62	15.11	Water (xi)	<i>Fejervarya caperata</i>	Wrinkled Fejervarya	E/WG	DD	Dicroglossidae
203	74.62	15.11	Water (xi)	<i>Minervarya sahyadris</i>	Minervarya Frog	E/WG	EN	Dicroglossidae
204	74.62	15.11	Water (xi)	<i>Dutaphrynus melanostictus</i>	Common Indian Toad	E/WG	LC	Bufonidae
205	74.62	15.11	Water (xi)	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	E/WG	LC	Dicroglossidae
206	74.62	15.11	Water (xi)	<i>Hylarana malabarica</i>	Fungoid Frpg	E/WG	LC	Ranidae
207	74.62	15.11	Water (xi)	<i>Polypedates maculatus</i>	Chunam Frog	E/WG	LC	Rhacophoridae
208	74.62	15.11	Water (xi)	<i>Fajervarya rufescens</i>	Reddish Burrowing Frog	E/WG	LC	Dicroglossidae
209	74.62	15.11	Water (xi)	<i>Nyctibatrachus petraeus</i>	Castle Rock Night Frog	E/WG	NT	Nyctibatrachidae
210	74.62	15.11	Water (xi)	<i>Philautus bombayensis</i>	Maharashtra Bush Frog	E/WG	VU	Rhacophoridae

Amphibian – Non Endemic

S.no	Longitude	Latitude	Location	Scientific name	Common_name	E / NE	IUCN status	Family
1	74.90	14.50	Aghnashini	<i>Euphlyctis cyanophlyctis</i>	Common skittering Frog	NE	DD	Dicroglossidae
2	74.90	14.50	Aghnashini	<i>Fejervarya keralensis</i>		NE	DD	Dicroglossidae
3	74.90	14.50	Aghnashini	<i>Fejervarya brevipalmata</i>		NE	DD	Dicroglossidae
4	74.90	14.50	Aghnashini	<i>Fejervarya limnocharis</i>		NE	DD	Dicroglossidae
5	74.90	14.50	Aghnashini	<i>Philautus cf.leuteolus</i>		NE	DD	Rhacophoridae
6	74.90	14.50	Aghnashini	<i>Philautus cf.nasutus</i>		NE	DD	Rhacophoridae
7	74.90	14.50	Aghnashini	<i>Philautus cf.ponmudi</i>		NE	DD	Rhacophoridae
8	74.90	14.50	Aghnashini	<i>Philautus tuberothumerus</i>		NE	DD	Rhacophoridae
9	74.90	14.50	Aghnashini	<i>Sphaerotheca rufescens</i>		NE	DD	Dicroglossidae
10	74.90	14.50	Aghnashini	<i>Fejervarya sahyadris</i>		NE	EN	Dicroglossidae
11	74.90	14.50	Aghnashini	<i>Bufo scaber</i>	Ferguson toad	NE	LC	Bufonidae
12	74.90	14.50	Aghnashini	<i>Bufo spp.</i>	Common Frog	NE	LC	Bufonidae
13	74.90	14.50	Aghnashini	<i>Clinotarsus curtipes</i>	Bicoloured frog	NE	LC	Ranidae
14	74.90	14.50	Aghnashini	<i>Indirana beddomii</i>		NE	LC	Petrapedatidae
15	74.90	14.50	Aghnashini	<i>Indirana semipalmata</i>		NE	LC	Petrapedatidae
16	74.90	14.50	Aghnashini	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	NE	LC	Dicroglossidae
17	74.90	14.50	Aghnashini	<i>Microhyla ornata</i>	Ornate narrow mouthed frog	NE	LC	Microhylidae
18	74.90	14.50	Aghnashini	<i>Microhyla rubra</i>	Ornate narrow mouthed frog	NE	LC	Microhylidae
19	74.90	14.50	Aghnashini	<i>Philautus leucorhinus</i>		NE	LC	Rhacophoridae
20	74.90	14.50	Aghnashini	<i>Sylvirana temporalis</i>		NE	NT	Ranidae

ANNEXURE II: Fauna of Uttara Kannada district

21	74.90	14.50	Aghnashini	<i>Bufo melanostictus</i>	Common Frog	NE	VU	Bufonidae
22	74.90	14.50	Aghnashini	<i>Hoplobatrachus crassus</i>		NE	VU	Dicroglossidae
23	74.90	14.50	Aghnashini	<i>Nyctibatrachus major</i>		NE	VU	Ranidae
24	74.90	14.50	Aghnashini	<i>Sylvirana spp.</i>		NE	VU	Ranidae
25	74.38	15.02	Anashi	<i>Microhyla rubra</i>	Red narrow Mouth frog	NE	LC	Bufonidae
26	74.38	15.02	Anashi	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	NE	LC	Bufonidae
27	74.38	15.02	Anashi	<i>Microhyla ornata</i>	Ornate narrow mouthed frog	NE	LC	Bufonidae
28	74.67	14.25	Baillalli	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	NE	VU	Bufonidae
29	74.78	14.97	Bedthi	<i>Euphlyctis cyanophlyctis</i>	Common skittering Frog	NE	DD	Dicroglossidae
30	74.78	14.97	Bedthi	<i>Fejervarya keralensis</i>		NE	DD	Dicroglossidae
31	74.78	14.97	Bedthi	<i>Fejervarya brevipalmata</i>		NE	DD	Dicroglossidae
32	74.78	14.97	Bedthi	<i>Fejervarya limnocharis</i>		NE	DD	Dicroglossidae
33	74.78	14.97	Bedthi	<i>Fejervrya spp</i>		NE	DD	Dicroglossidae
34	74.78	14.97	Bedthi	<i>Ichthyophis malabaricus</i>		NE	DD	Ichthyophiidae
35	74.78	14.97	Bedthi	<i>Philautus cf.leuteolus</i>		NE	DD	Rhacophoridae
36	74.78	14.97	Bedthi	<i>Philautus tuberothumerus</i>		NE	DD	Rhacophoridae
37	74.78	14.97	Bedthi	<i>Sphaerotheca rufescens</i>		NE	DD	Dicroglossidae
38	74.78	14.97	Bedthi	<i>Fejervarya sahyadris</i>		NE	EN	Dicroglossidae
39	74.78	14.97	Bedthi	<i>Minervrya spp.</i>		NE	EN	Dicroglossidae
40	74.78	14.97	Bedthi	<i>Polypedates maculatus</i>	Common Tree Frog	NE	EN	Rhacophoridae
41	74.78	14.97	Bedthi	<i>Polypedates pseudocruciger</i>		NE	EN	Rhacophoridae
42	74.78	14.97	Bedthi	<i>Bufo scaber</i>	Ferguson toad	NE	LC	Bufonidae
43	74.78	14.97	Bedthi	<i>Clinotarsus curtipes</i>	Bicoloured frog	NE	LC	Ranidae
44	74.78	14.97	Bedthi	<i>Hydrophylax malabaricus</i>		NE	LC	Ranidae
45	74.78	14.97	Bedthi	<i>Indirana beddomii</i>		NE	LC	Petrapedatidae
46	74.78	14.97	Bedthi	<i>Indirana semipalmata</i>		NE	LC	Petrapedatidae
47	74.78	14.97	Bedthi	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	NE	LC	Dicroglossidae
48	74.78	14.97	Bedthi	<i>Microhyla ornata</i>	Ornate narrow mouthed frog	NE	LC	Microhylidae
49	74.78	14.97	Bedthi	<i>Philautus leucorhinus</i>		NE	LC	Rhacophoridae
50	74.78	14.97	Bedthi	<i>Rhacophorus malabaricus</i>	Malabar gliding Frog	NE	LC	Rhacophoridae
51	74.78	14.97	Bedthi	<i>Sylvirana temporalis</i>		NE	NT	Ranidae
52	74.78	14.97	Bedthi	<i>Bufo melanostictus</i>	Common Frog	NE	VU	Bufonidae
53	74.78	14.97	Bedthi	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	NE	VU	Dicroglossidae
54	74.78	14.97	Bedthi	<i>Micrixalus saxicola</i>		NE	VU	Micrixalidae
55	74.78	14.97	Bedthi	<i>Nyctibatrachus major</i>		NE	VU	Ranidae
56	74.78	14.97	Bedthi	<i>Sylvirana aurantiaca</i>		NE	VU	Ranidae
57	74.57	13.97	Bhatkal	<i>Gegeneophis carnosus</i>		NE	DD	Ichthyophiidae
58	74.34	15.45	Castle rock	<i>Bufo scaber</i>	Ferguson toad	NE	LC	Bufonidae
59	74.34	15.45	Castle rock	<i>Duttaphrynus melanostictus</i>	Common Toad	NE	LC	Bufonidae
60	74.48	14.40	Chandavara	<i>Bufo scaber</i>	Ferguson toad	NE	LC	Bufonidae
61	74.48	14.40	Chandavara	<i>Duttaphrynus melanostictus</i>	Common Toad	NE	LC	Bufonidae
62	74.48	14.40	Chandavara	<i>Microhyla rubra</i>	Red narrow Mouth frog	NE	LC	Bufonidae
63	74.48	14.40	Chandavara	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	NE	LC	Bufonidae
64	74.48	14.40	Chandavara	<i>Euphlyctis cyanophlyctis</i>	Common skittering Frog	NE	LC	Bufonidae
65	74.48	14.40	Chandavara	<i>Microhyla ornata</i>	Ornate narrow mouthed frog	NE	LC	Bufonidae

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66	74.48	14.40	Chandavara	<i>Euphlyctis aloysii</i>	Aloysius skittering frog	NE	DD	Bufonidae
67	0.00	0.00	Coastal scrub	<i>Bufo scaber</i>	Ferguson's Toad	NE	LC	Bufonidae
68	74.78	14.85	Dabguli	<i>Euphlyctis aloysii</i>	Aloysius skittering frog	NE	DD	Bufonidae
69	74.78	14.85	Dabguli	<i>Euphlyctis cyanophlyctis</i>	Common skittering Frog	NE	LC	Bufonidae
70	74.25	14.97	Dandeli wildlife sanctuary	<i>Euphlyctis cyanophlyctis</i>	Skittering Frog	NE	DD	Ranidae
71	74.57	15.35	Gowliwada	<i>Fejervarya kundremukhensis</i>	Kundremukh Cricket Frog	NE	DD	Bufonidae
72	74.57	15.35	Gowliwada	<i>Fejervarya caperata</i>	Wrinkled cricket Frog	NE	LC	Bufonidae
73	74.57	15.35	Gowliwada	<i>Microhyla rubra</i>	Red narrow Mouth frog	NE	LC	Bufonidae
74	74.57	15.35	Gowliwada	<i>Microhyla ornata</i>	Ornate narrow mouthed frog	NE	LC	Bufonidae
75	74.57	15.35	Gowliwada	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	NE	VU	Bufonidae
76	75.03	15.00	Gunjavathi	<i>Bufo scaber</i>	Ferguson toad	NE	LC	Bufonidae
77	75.03	15.00	Gunjavathi	<i>Duttaphrynus melanostictus</i>	Common Toad	NE	LC	Bufonidae
78	74.68	14.35	Halsolli	<i>Fejervarya brevipalmata</i>		NE	DD	Dicroglossidae
79	74.68	14.35	Halsolli	<i>Fejervarya limnocharis</i>		NE	DD	Dicroglossidae
80	74.68	14.35	Halsolli	<i>Philautus tuberothumerus</i>		NE	DD	Rhacophoridae
81	74.68	14.35	Halsolli	<i>Philautus cf.leuteolus</i>		NE	DD	Rhacophoridae
82	74.68	14.35	Halsolli	<i>Philautus cf.ponmudi</i>		NE	DD	Rhacophoridae
83	74.68	14.35	Halsolli	<i>Microhyla ornata</i>	Ornate narrow mouthed frog	NE	LC	Microhylidae
84	74.68	14.35	Halsolli	<i>Philautus leucorhinus</i>		NE	LC	Rhacophoridae
85	74.68	14.35	Halsolli	<i>Sylvirana temporalis</i>		NE	NT	Ranidae
86	74.68	14.35	Halsolli	<i>Bufo melanostictus</i>	Common Frog	NE	VU	Bufonidae
87	74.68	14.35	Halsolli	<i>Nyctibatrachus major</i>		NE	VU	Ranidae
88	74.68	14.35	Halsolli	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	NE	VU	Bufonidae
89	74.68	14.35	Halsolli	<i>Sylvirana spp.</i>		NE	VU	Ranidae
90	74.68	14.35	Halsolli	<i>Fejervarya sahyadris</i>		NE	EN	Dicroglossidae
91	74.68	14.35	Halsolli	<i>Polypedates pseudocruciger</i>		NE	EN	Rhacophoridae
92	74.68	14.35	Halsolli	<i>Bufo scaber</i>	Ferguson toad	NE	LC	Bufonidae
93	74.68	14.35	Halsolli	<i>Indirana beddomii</i>		NE	LC	Petrapedatidae
94	74.68	14.35	Halsolli	<i>Indirana semipalmata</i>		NE	LC	Petrapedatidae
95	74.68	14.35	Halsolli	<i>Hydrophylax malabaricus</i>		NE	LC	Ranidae
96	74.45	14.65	Hasehalla	<i>Fejervarya kundremukhensis</i>	Kundremukh Cricket Frog	NE	DD	Bufonidae
97	74.45	14.65	Hasehalla	<i>Fejervarya caperata</i>	Wrinkled cricket Frog	NE	LC	Bufonidae
98	74.79	14.27	Torme	<i>Hydrophylax malabaricus</i>		NE	LC	Ranidae
99	74.80	13.16	Ulluru	<i>Polypedates maculatus</i>	Common Tree Frog	NE	EN	Bufonidae
100	74.64	14.12	Hosagadde	<i>Polypedates maculatus</i>	Common Tree Frog	NE	EN	Bufonidae
101	74.52	15.07	Kaneri	<i>Clinotarsus curtipes</i>	Bicoloured frog	NE	LC	Bufonidae
102	74.45	14.39	Kathagala	<i>Fejervarya kundremukhensis</i>	Kundremukh Cricket Frog	NE	DD	Bufonidae
103	74.45	14.39	Kathagala	<i>Clinotarsus curtipes</i>	Bicoloured frog	NE	LC	Bufonidae
104	74.45	14.39	Kathagala	<i>Fejervarya caperata</i>	Wrinkled cricket Frog	NE	LC	Bufonidae
105	74.45	14.39	Kathagala	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	NE	VU	Bufonidae
106	74.75	14.28	Kathalekan	<i>Polypedates maculatus</i>	Common Tree Frog	NE	EN	Bufonidae
107	74.75	14.28	Kathalekan	<i>Fejervarya brevipalmata</i>		NE	DD	Dicroglossidae
108	74.75	14.28	Kathalekan	<i>Fejervarya limnocharis</i>		NE	DD	Dicroglossidae
109	74.75	14.28	Kathalekan	<i>Philautus tuberothumerus</i>		NE	DD	Rhacophoridae

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110	74.75	14.28	Kathalekan	<i>Philautus cf.leuteolus</i>		NE	DD	Rhacophoridae
111	74.75	14.28	Kathalekan	<i>Philautus cf.ponmudi</i>		NE	DD	Rhacophoridae
112	74.75	14.28	Kathalekan	<i>Microhyla ornata</i>	Ornate narrow mouthed frog	NE	LC	Microhylidae
113	74.75	14.28	Kathalekan	<i>Philautus leucorhinus</i>		NE	LC	Rhacophoridae
114	74.75	14.28	Kathalekan	<i>Sylvirana temporalis</i>		NE	NT	Ranidae
115	74.75	14.28	Kathalekan	<i>Bufo melanostictus</i>	Common Frog	NE	VU	Bufoidea
116	74.75	14.28	Kathalekan	<i>Nyctibatrachus major</i>		NE	VU	Ranidae
117	74.75	14.28	Kathalekan	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	NE	VU	Bufoidea
118	74.75	14.28	Kathalekan	<i>Sylvirana spp.</i>		NE	VU	Ranidae
119	74.75	14.28	Kathalekan	<i>Fejervarya sahyadris</i>		NE	EN	Dicroglossidae
120	74.75	14.28	Kathalekan	<i>Polypedates pseudocruciger</i>		NE	EN	Rhacophoridae
121	74.75	14.28	Kathalekan	<i>Bufo scaber</i>	Ferguson toad	NE	LC	Bufoidea
122	74.75	14.28	Kathalekan	<i>Indirana beddomii</i>		NE	LC	Petropedetidae
123	74.75	14.28	Kathalekan	<i>Indirana semipalmata</i>		NE	LC	Petropedetidae
124	74.75	14.28	Kathalekan	<i>Hydrophylax malabaricus</i>		NE	LC	Ranidae
125	75.32	13.33	Kotigehar	<i>Gegeneophis carnosus</i>		NE	DD	Caeciliidae rafinesque
126	74.75	14.85	Magod	<i>Euphyctis aloysii</i>	Aloysius skittering frog	NE	DD	Bufoidea
127	74.75	14.85	Magod	<i>Clinotarsus curtipes</i>	Bicoloured frog	NE	LC	Bufoidea
128	74.74	14.27	Malemane	<i>Fejervarya brevipalmata</i>		NE	DD	Dicroglossidae
129	74.74	14.27	Malemane	<i>Fejervarya limnocharis</i>		NE	DD	Dicroglossidae
130	74.74	14.27	Malemane	<i>Philautus tuberochumerus</i>		NE	DD	Rhacophoridae
131	74.74	14.27	Malemane	<i>Philautus cf.leuteolus</i>		NE	DD	Rhacophoridae
132	74.74	14.27	Malemane	<i>Philautus cf.ponmudi</i>		NE	DD	Rhacophoridae
133	74.74	14.27	Malemane	<i>Microhyla ornata</i>	Ornate narrow mouthed frog	NE	LC	Microhylidae
134	74.74	14.27	Malemane	<i>Philautus leucorhinus</i>		NE	LC	Rhacophoridae
135	74.74	14.27	Malemane	<i>Sylvirana temporalis</i>		NE	NT	Ranidae
136	74.74	14.27	Malemane	<i>Bufo melanostictus</i>	Common Frog	NE	VU	Bufoidea
137	74.74	14.27	Malemane	<i>Nyctibatrachus major</i>		NE	VU	Ranidae
138	74.74	14.27	Malemane	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	NE	VU	Bufoidea
139	74.74	14.27	Malemane	<i>Sylvirana spp.</i>		NE	VU	Ranidae
140	74.74	14.27	Malemane	<i>Fejervarya sahyadris</i>		NE	EN	Dicroglossidae
141	74.74	14.27	Malemane	<i>Polypedates pseudocruciger</i>		NE	EN	Rhacophoridae
142	74.74	14.27	Malemane	<i>Bufo scaber</i>	Ferguson toad	NE	LC	Bufoidea
143	74.74	14.27	Malemane	<i>Indirana beddomii</i>		NE	LC	Petropedetidae
144	74.74	14.27	Malemane	<i>Indirana semipalmata</i>		NE	LC	Petropedetidae
145	74.74	14.27	Malemane	<i>Hydrophylax malabaricus</i>		NE	LC	Ranidae
146	74.79	14.27	Mundigethagu	<i>Fejervarya brevipalmata</i>		NE	DD	Dicroglossidae
147	74.79	14.27	Mundigethagu	<i>Fejervarya limnocharis</i>		NE	DD	Dicroglossidae
148	74.79	14.27	Mundigethagu	<i>Philautus tuberochumerus</i>		NE	DD	Rhacophoridae
149	74.79	14.27	Mundigethagu	<i>Philautus cf.leuteolus</i>		NE	DD	Rhacophoridae
150	74.79	14.27	Mundigethagu	<i>Philautus cf.ponmudi</i>		NE	DD	Rhacophoridae
151	74.79	14.27	Mundigethagu	<i>Microhyla ornata</i>	Ornate narrow mouthed frog	NE	LC	Microhylidae
152	74.79	14.27	Mundigethagu	<i>Philautus leucorhinus</i>		NE	LC	Rhacophoridae
153	74.79	14.27	Mundigethagu	<i>Sylvirana temporalis</i>		NE	NT	Ranidae
154	74.79	14.27	Mundigethagu	<i>Bufo melanostictus</i>	Common Frog	NE	VU	Bufoidea

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155	74.79	14.27	Mundigethagu	<i>Nyctibatrachus major</i>		NE	VU	Ranidae
156	74.79	14.27	Mundigethagu	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	NE	VU	Bufonidae
157	74.79	14.27	Mundigethagu	<i>Sylvirana spp.</i>		NE	VU	Ranidae
158	74.79	14.27	Mundigethagu	<i>Fejervarya sahyadris</i>		NE	EN	Dicroglossidae
159	74.79	14.27	Mundigethagu	<i>Polypedates pseudocruciger</i>		NE	EN	Rhacophoridae
160	74.79	14.27	Mundigethagu	<i>Bufo scaber</i>	Ferguson toad	NE	LC	Bufonidae
161	74.79	14.27	Mundigethagu	<i>Indirana beddomii</i>		NE	LC	Petrapedatidae
162	74.79	14.27	Mundigethagu	<i>Indirana semipalmata</i>		NE	LC	Petrapedatidae
163	74.79	14.27	Mundigethagu	<i>Hydrophylax malabaricus</i>		NE	LC	Ranidae
164	74.72	14.55	Sapurthi	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	NE	LC	Bufonidae
165	74.62	14.40	Sharavathi	<i>Euphlyctis cyanophlyctis</i>	Common skittering Frog	NE	DD	Dicroglossidae
166	74.62	14.40	Sharavathi	<i>Fejervarya keralensis</i>		NE	DD	Dicroglossidae
167	74.62	14.40	Sharavathi	<i>Fejervarya limnocharis</i>		NE	DD	Dicroglossidae
168	74.62	14.40	Sharavathi	<i>Fejervarya limnocharis</i>		NE	DD	Dicroglossidae
169	74.62	14.40	Sharavathi	<i>Philautus cf. leuteolus</i>		NE	DD	Rhacophoridae
170	74.62	14.40	Sharavathi	<i>Philautus cf. nasutus</i>		NE	DD	Rhacophoridae
171	74.62	14.40	Sharavathi	<i>Philautus luteolus</i>		NE	DD	Rhacophoridae
172	74.62	14.40	Sharavathi	<i>Philautus tuberothumerus</i>		NE	DD	Rhacophoridae
173	74.62	14.40	Sharavathi	<i>Sphaerotheca dobsonii</i>		NE	DD	Dicroglossidae
174	74.62	14.40	Sharavathi	<i>Sphaerotheca rufescens</i>		NE	DD	Dicroglossidae
175	74.62	14.40	Sharavathi	<i>Polypedates leucomystax</i>		NE	EN	Rhacophoridae
176	74.62	14.40	Sharavathi	<i>Polypedates maculatus</i>	Common Tree Frog	NE	EN	Rhacophoridae
177	74.62	14.40	Sharavathi	<i>Polypedates pseudocruciger</i>		NE	EN	Rhacophoridae
178	74.62	14.40	Sharavathi	<i>Bufo scaber</i>	Ferguson toad	NE	LC	Bufonidae
179	74.62	14.40	Sharavathi	<i>Bufo spp.</i>	Common Frog	NE	LC	Bufonidae
180	74.62	14.40	Sharavathi	<i>Hydrophylax malabaricus</i>		NE	LC	Ranidae
181	74.62	14.40	Sharavathi	<i>Indirana beddomii</i>		NE	LC	Petrapedatidae
182	74.62	14.40	Sharavathi	<i>Indirana semipalmata</i>		NE	LC	Petrapedatidae
183	74.62	14.40	Sharavathi	<i>Kaloula pulchra</i>		NE	LC	Microhylidae
184	74.62	14.40	Sharavathi	<i>Sphaerotheca breviceps</i>	Indian Burrowing Frog	NE	LC	Dicroglossidae
185	74.62	14.40	Sharavathi	<i>Euphlyctis hexadactylus</i>	Common skittering Frog	NE	LC	Dicroglossidae
186	74.62	14.40	Sharavathi	<i>Philautus leucorhinus</i>		NE	LC	Rhacophoridae
187	74.62	14.40	Sharavathi	<i>Polypedates leucomystax</i>	Bamboo tree frog	NE	LC	Rhacophoridae
188	74.62	14.40	Sharavathi	<i>Ramanella montana</i>		NE	LC	Microhylidae
189	74.62	14.40	Sharavathi	<i>Rhacophorus malabaricus</i>	Malabar gliding Frog	NE	LC	Rhacophoridae
190	74.62	14.40	Sharavathi	<i>Micrixalus fuscus</i>		NE	NT	Micrixalidae
191	74.62	14.40	Sharavathi	<i>Sylvirana temporalis</i>		NE	NT	Ranidae
192	74.62	14.40	Sharavathi	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	NE	VU	Dicroglossidae
193	74.62	14.40	Sharavathi	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	NE	VU	Dicroglossidae
194	74.62	14.40	Sharavathi	<i>Ichthyophis beddomei</i>		NE	VU	Ichthyophiidae
195	74.62	14.40	Sharavathi	<i>Micrixalus saxicola</i>		NE	VU	Micrixalidae
196	74.62	14.40	Sharavathi	<i>Nyctibatrachus major</i>		NE	VU	Ranidae
197	74.62	14.40	Sharavathi	<i>Sylvirana aurantiaca</i>		NE	VU	Ranidae
198	74.62	14.40	Sharavathi	<i>Sylvirana sp.</i>		NE	VU	Ranidae
199	74.62	14.40	Sharavathi	<i>Polypedates cruciger</i>	Ceylonese Treefrog	NE	VU	Rhacophoridae

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200	74.62	14.40	Sharavathi	<i>Philautus cf.ponmudi</i>		NE	CR	Rhacophoridae
201	74.79	14.27	Torme	<i>Fejervarya brevipalmata</i>		NE	DD	Dicroglossidae
202	74.79	14.27	Torme	<i>Fejervarya limnocharis</i>		NE	DD	Dicroglossidae
203	74.79	14.27	Torme	<i>Philautus tuberothumerus</i>		NE	DD	Rhacophoridae
204	74.79	14.27	Torme	<i>Philautus cf.leuteolus</i>		NE	DD	Rhacophoridae
205	74.79	14.27	Torme	<i>Philautus cf.ponmudi</i>		NE	DD	Rhacophoridae
206	74.79	14.27	Torme	<i>Microhylla ornata</i>	Ornate narrow mouthed frog	NE	LC	Microhylidae
207	74.79	14.27	Torme	<i>Philautus leucorhinus</i>		NE	LC	Rhacophoridae
208	74.79	14.27	Torme	<i>Sylvirana temporalis</i>		NE	NT	Ranidae
209	74.79	14.27	Torme	<i>Bufo melanostictus</i>	Common Frog	NE	VU	Bufonidae
210	74.79	14.27	Torme	<i>Nyctibatrachus major</i>		NE	VU	Ranidae
211	74.79	14.27	Torme	<i>Hoplobatrachus tigerinus</i>	Indian Bull Frog	NE	VU	Bufonidae
212	74.79	14.27	Torme	<i>Sylvirana spp.</i>		NE	VU	Ranidae
213	74.79	14.27	Torme	<i>Fejervarya sahyadris</i>		NE	EN	Dicroglossidae
214	74.79	14.27	Torme	<i>Polypedates pseudocruciger</i>		NE	EN	Rhacophoridae
215	74.79	14.27	Torme	<i>Bufo scaber</i>	Ferguson toad	NE	LC	Bufonidae
216	74.79	14.27	Torme	<i>Indirana beddomii</i>		NE	LC	Petrapedatidae
217	74.79	14.27	Torme	<i>Indirana semipalmata</i>		NE	LC	Petrapedatidae

Ants						
S.no	Longitude	Latitude	Locations	Scientific name	Family	Subfamily
1	74.12	14.80	Karwar	<i>Bothronopera rubiceps</i>	Formicidae	Ponerinae
2	74.12	14.80	Karwar	<i>Leptogenys chinensis</i>	Formicidae	Ponerinae
3	74.12	14.80	Karwar	<i>Leptogenys ocellifera</i>	Formicidae	Ponerinae
4	74.12	14.80	Karwar	<i>Odontomachus haematodus</i>	Formicidae	Ponerinae
5	74.36	14.95	Acacia plantation	<i>Anoplolepis longipes</i>	Formicidae	Formicinae
6	74.36	14.95	Acacia plantation	<i>Aphaenogaster beccari</i>	Formicidae	Myrmicinae
7	74.36	14.95	Acacia plantation	<i>Camponotus angusticollis</i>	Formicidae	Formicinae
8	74.36	14.95	Acacia plantation	<i>Camponotus confucii</i> <i>Camponotus confucii</i>	Formicidae	Formicinae
9	74.36	14.95	Acacia plantation	<i>Camponotus compressus</i>	Formicidae	Formicinae
10	74.36	14.95	Acacia plantation	<i>Camponotus fornarnoris</i>	Formicidae	Formicinae
11	74.36	14.95	Acacia plantation	<i>Camponotus paria</i>	Formicidae	Formicinae
12	74.36	14.95	Acacia plantation	<i>Camponotus rufoglaucus</i>	Formicidae	Formicinae
13	74.36	14.95	Acacia plantation	<i>Camponotus sericeus</i>	Formicidae	Formicinae
14	74.36	14.95	Acacia plantation	<i>Camponotus taylori</i>	Formicidae	Formicinae
15	74.36	14.95	Acacia plantation	<i>Camponotus variegatus</i>	Formicidae	Formicinae
16	74.36	14.95	Acacia plantation	<i>Cataulacus latus</i>	Formicidae	Myrmicinae
17	74.36	14.95	Acacia plantation	<i>Cataulacus spp.</i>	Formicidae	Myrmicinae
18	74.36	14.95	Acacia plantation	<i>Cataulacus taprobanae</i>	Formicidae	Myrmicinae
19	74.36	14.95	Acacia plantation	<i>Cataulacus taprobanae</i>	Formicidae	Myrmicinae
20	74.36	14.95	Acacia plantation	<i>Crematogaster biroi</i>	Formicidae	Myrmicinae
21	74.36	14.95	Acacia plantation	<i>Crematogaster ransoneti</i>	Formicidae	Myrmicinae

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22	74.36	14.95	Acacia plantation	<i>Crematogaster rogenhoferi</i>	Formicidae	Myrmicinae
23	74.36	14.95	Acacia plantation	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
24	74.36	14.95	Acacia plantation	<i>Crematogaster Wroughtonii</i>	Formicidae	Myrmicinae
25	74.36	14.95	Acacia plantation	<i>Crematogaster brunei</i>	Formicidae	Myrmicinae
26	74.36	14.95	Acacia plantation	<i>Crematogaster dohr</i>	Formicidae	Myrmicinae
27	74.36	14.95	Acacia plantation	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
28	74.36	14.95	Acacia plantation	<i>Diacamma indicum</i>	Formicidae	Ponerinae
29	74.36	14.95	Acacia plantation	<i>Diacamma rugosum</i>	Formicidae	Ponerinae
30	74.36	14.95	Acacia plantation	<i>Dilobocondyla bangalorica</i>	Formicidae	Myrmicinae
31	74.36	14.95	Acacia plantation	<i>Leptogenys chinensis</i>	Formicidae	Ponerinae
32	74.36	14.95	Acacia plantation	<i>Leptogenys ocellifera</i>	Formicidae	Ponerinae
33	74.36	14.95	Acacia plantation	<i>Leptothorax spp.</i>	Formicidae	Myrmicinae
34	74.36	14.95	Acacia plantation	<i>Lophomyrmex quadrispinosus</i>	Formicidae	Myrmicinae
35	74.36	14.95	Acacia plantation	<i>Meranoplus belli</i>	Formicidae	Myrmicinae
36	74.36	14.95	Acacia plantation	<i>Meranoplus bicolor</i>	Formicidae	Myrmicinae
37	74.36	14.95	Acacia plantation	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
38	74.36	14.95	Acacia plantation	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
39	74.36	14.95	Acacia plantation	<i>Monomorium criniceps</i>	Formicidae	Myrmicinae
40	74.36	14.95	Acacia plantation	<i>Monomorium criniceps</i>	Formicidae	Myrmicinae
41	74.36	14.95	Acacia plantation	<i>Monomorium destructor</i>	Formicidae	Myrmicinae
42	74.36	14.95	Acacia plantation	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
43	74.36	14.95	Acacia plantation	<i>Monomorium glaberglaber</i>	Formicidae	Myrmicinae
44	74.36	14.95	Acacia plantation	<i>Monomorium minutum</i>	Formicidae	Myrmicinae
45	74.36	14.95	Acacia plantation	<i>Monomorium pharaonis</i>	Formicidae	Myrmicinae
46	74.36	14.95	Acacia plantation	<i>Monomorium sebriceps</i>	Formicidae	Myrmicinae
47	74.36	14.95	Acacia plantation	<i>Monomorium spp.</i>	Formicidae	Myrmicinae
48	74.36	14.95	Acacia plantation	<i>Monomorium subopacum</i>	Formicidae	Myrmicinae
49	74.36	14.95	Acacia plantation	<i>Monomorium wroughtonii</i>	Formicidae	Myrmicinae
50	74.36	14.95	Acacia plantation	<i>Pachycondyla crassa</i>	Formicidae	Ponerinae
51	74.36	14.95	Acacia plantation	<i>Pachycondyla melanaria</i>	Formicidae	Ponerinae
52	74.36	14.95	Acacia plantation	<i>Pachycondyla rufipes</i>	Formicidae	Ponerinae
53	74.36	14.95	Acacia plantation	<i>Paratrechina longicornis</i>	Formicidae	Formicinae
54	74.36	14.95	Acacia plantation	<i>Paratrechina yerburyi</i>	Formicidae	Formicinae
55	74.36	14.95	Acacia plantation	<i>Pheidole fergusoni</i>	Formicidae	Myrmicinae
56	74.36	14.95	Acacia plantation	<i>Pheidole spp.</i>	Formicidae	Myrmicinae
57	74.36	14.95	Acacia plantation	<i>Pheidole woodmasoni</i>	Formicidae	Myrmicinae
58	74.36	14.95	Acacia plantation	<i>Pheidole rhombinoda</i>	Formicidae	Myrmicinae
59	74.36	14.95	Acacia plantation	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
60	74.36	14.95	Acacia plantation	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
61	74.36	14.95	Acacia plantation	<i>Pheidologeton diversus</i>	Formicidae	Myrmicinae
62	74.36	14.95	Acacia plantation	<i>Pheidole constantia</i>	Formicidae	Myrmicinae
63	74.36	14.95	Acacia plantation	<i>Pheidole jucunda</i>	Formicidae	Myrmicinae
64	74.36	14.95	Acacia plantation	<i>Pheidole malini</i>	Formicidae	Myrmicinae
65	74.36	14.95	Acacia plantation	<i>Pheidole mus</i>	Formicidae	Myrmicinae
66	74.36	14.95	Acacia plantation	<i>Pheidole neitneri</i>	Formicidae	Myrmicinae

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67	74.36	14.95	Acacia plantation	<i>Pheidole phipsoni</i>	Formicidae	Myrmicinae
68	74.36	14.95	Acacia plantation	<i>Pheidole robertii</i>	Formicidae	Myrmicinae
69	74.36	14.95	Acacia plantation	<i>Tetraponera aitkeni</i>	Formicidae	Pseudomirminae
70	74.36	14.95	Acacia plantation	<i>Tetraponera allaborans</i>	Formicidae	Pseudomyrmecinae
71	74.36	14.95	Acacia plantation	<i>Tetraponera nigra</i>	Formicidae	Pseudomirminae
72	74.36	14.95	Acacia plantation	<i>Tetraponera rufonigra</i>	Formicidae	Pseudomirminae
73	74.40	14.42	Kumta	<i>Acropyga spp.</i>	Formicidae	Formicinae
74	74.40	14.42	Kumta	<i>Aenictus brevicornis</i>	Formicidae	Aenictinae
75	74.40	14.42	Kumta	<i>Aenictus pachycereus</i>	Formicidae	Aenictinae
76	74.40	14.42	Kumta	<i>Aenictus spp.</i>	Formicidae	Aenictinae
77	74.40	14.42	Kumta	<i>Amblyopone spp.</i>	Formicidae	Ponerinae
78	74.40	14.42	Kumta	<i>Anochetus obscurior</i>	Formicidae	Ponerinae
79	74.40	14.42	Kumta	<i>Anopolepis gracilipes</i>	Formicidae	Formicinae
80	74.40	14.42	Kumta	<i>Bothriomyrmex spp.</i>	Formicidae	Dolichoderinae
81	74.40	14.42	Kumta	<i>Bothriomyrmex spp.</i>	Formicidae	Dolichoderinae
82	74.40	14.42	Kumta	<i>Bothronopera rubiceps</i>	Formicidae	Ponerinae
83	74.40	14.42	Kumta	<i>Camponotus compressus</i>	Formicidae	Formicinae
84	74.40	14.42	Kumta	<i>Camponotus paria</i>	Formicidae	Formicinae
85	74.40	14.42	Kumta	<i>Camponotus sericeus</i>	Formicidae	Formicinae
86	74.40	14.42	Kumta	<i>Cardiocondyla spp.</i>	Formicidae	Myrmicinae
87	74.40	14.42	Kumta	<i>Cardiocondyla wroughtoni</i>	Formicidae	Myrmicinae
88	74.40	14.42	Kumta	<i>Crematogaster ransoneti</i>	Formicidae	Myrmicinae
89	74.40	14.42	Kumta	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
90	74.40	14.42	Kumta	<i>Diacamma indicum</i>	Formicidae	Ponerinae
91	74.40	14.42	Kumta	<i>Dolichoderus affinis</i>	Formicidae	Dolichoderinae
92	74.40	14.42	Kumta	<i>Emeryopone spp.</i>	Formicidae	Ponerinae
93	74.40	14.42	Kumta	<i>Hypoponera spp.</i>	Formicidae	Ponerinae
94	74.40	14.42	Kumta	<i>Lepisiota spp.</i>	Formicidae	Formicinae
95	74.40	14.42	Kumta	<i>Leptogenys chinensis</i>	Formicidae	Ponerinae
96	74.40	14.42	Kumta	<i>Leptogenys ocellifera</i>	Formicidae	Ponerinae
97	74.40	14.42	Kumta	<i>Meranoplus bicolor</i>	Formicidae	Myrmicinae
98	74.40	14.42	Kumta	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
99	74.40	14.42	Kumta	<i>Monomorium criniceps</i>	Formicidae	Myrmicinae
100	74.40	14.42	Kumta	<i>Monomorium destructor</i>	Formicidae	Myrmicinae
101	74.40	14.42	Kumta	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
102	74.40	14.42	Kumta	<i>Monomorium subopacum</i>	Formicidae	Myrmicinae
103	74.40	14.42	Kumta	<i>Myrmecaria brunnea</i>	Formicidae	Myrmicinae
104	74.40	14.42	Kumta	<i>Myrmoterus spp.</i>	Formicidae	Formicinae
105	74.40	14.42	Kumta	<i>Odontomachus haematodus</i>	Formicidae	Ponerinae
106	74.40	14.42	Kumta	<i>Odontomachus haematodus</i>	Formicidae	Ponerinae
107	74.40	14.42	Kumta	<i>Oecophylla smaragdina</i>	Formicidae	Formicinae
108	74.40	14.42	Kumta	<i>Pachycondyla crassa</i>	Formicidae	Ponerinae
109	74.40	14.42	Kumta	<i>Pachycondyla melanaria</i>	Formicidae	Ponerinae
110	74.40	14.42	Kumta	<i>Pachycondyla rufipes</i>	Formicidae	Ponerinae
111	74.40	14.42	Kumta	<i>Paratrechina longicornis</i>	Formicidae	Formicinae

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112	74.40	14.42	Kumta	<i>Paratrechina yerburyi</i>	Formicidae	Formicinae
113	74.40	14.42	Kumta	<i>Pheidole spp.</i>	Formicidae	Myrmicinae
114	74.40	14.42	Kumta	<i>Pheidole woodmasoni</i>	Formicidae	Myrmicinae
115	74.40	14.42	Kumta	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
116	74.40	14.42	Kumta	<i>Plagiolepis jerdonii</i>	Formicidae	Formicinae
117	74.40	14.42	Kumta	<i>Polyrhachis exercita</i>	Formicidae	Formicinae
118	74.40	14.42	Kumta	<i>Polyrhachis punctulata</i>	Formicidae	Formicinae
119	74.40	14.42	Kumta	<i>Recurvidris recurvispinosa</i>	Formicidae	Myrmicinae
120	74.40	14.42	Kumta	<i>Rhoptromyrmex wroughtonii</i>	Formicidae	Myrmicinae
121	74.40	14.42	Kumta	<i>Strumigenys spp.</i>	Formicidae	Myrmicinae
122	74.40	14.42	Kumta	<i>Tapinoma melanocephalum</i>	Formicidae	Dolichoderinae
123	74.40	14.42	Kumta	<i>Technomyrmex albipes</i>	Formicidae	Dolichoderinae
124	74.40	14.42	Kumta	<i>Tetramorium mixtum</i>	Formicidae	Myrmicinae
125	74.40	14.42	Kumta	<i>Tetramorium obesum</i>	Formicidae	Myrmicinae
126	74.40	14.42	Kumta	<i>Tetramorium smithii</i>	Formicidae	Myrmicinae
127	74.40	14.42	Kumta	<i>Tetramorium walshi</i>	Formicidae	Myrmicinae
128	74.40	14.42	Kumta	<i>Tetraponera allaborans</i>	Formicidae	Pseudomyrmecinae
129	74.40	14.42	Kumta	<i>Tetraponera nigra</i>	Formicidae	Pseudomyrmecinae
130	74.40	14.42	Kumta	<i>Tetraponera rufonigra</i>	Formicidae	Pseudomyrmecinae
131	74.40	14.42	Santagal	<i>Aenictus aratus</i>	Formicidae	Aenictinae
132	74.40	14.42	Santagal	<i>Calyptomyrmex spp.</i>	Formicidae	Myrmicinae
133	74.40	14.42	Santagal	<i>Camponotus sericeus</i>	Formicidae	Formicinae
134	74.40	14.42	Santagal	<i>Cardiocondyla spp.</i>	Formicidae	Myrmicinae
135	74.40	14.42	Santagal	<i>Cataulacus taprobanae</i>	Formicidae	Myrmicinae
136	74.40	14.42	Santagal	<i>Cerapachys spp.</i>	Formicidae	Cerapachyinae
137	74.40	14.42	Santagal	<i>Crematogaster ransoneti</i>	Formicidae	Myrmicinae
138	74.40	14.42	Santagal	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
139	74.40	14.42	Santagal	<i>Lophomyrmex quadrispinosus</i>	Formicidae	Myrmicinae
140	74.40	14.42	Santagal	<i>Meranoplus bicolor</i>	Formicidae	Myrmicinae
141	74.40	14.42	Santagal	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
142	74.40	14.42	Santagal	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
143	74.40	14.42	Santagal	<i>Monomorium subopacum</i>	Formicidae	Myrmicinae
144	74.40	14.42	Santagal	<i>Paratrechina longicornis</i>	Formicidae	Formicinae
145	74.40	14.42	Santagal	<i>Pheidole spp.</i>	Formicidae	Myrmicinae
146	74.40	14.42	Santagal	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
147	74.40	14.42	Santagal	<i>Plagiolepis exigua</i>	Formicidae	Formicinae
148	74.40	14.42	Santagal	<i>Polyrhachis lactipennis</i>	Formicidae	Formicinae
149	74.40	14.42	Santagal	<i>Polyrhachis punctulata</i>	Formicidae	Formicinae
150	74.40	14.42	Santagal	<i>Rhopalomastix spp.</i>	Formicidae	Myrmicinae
151	74.40	14.42	Santagal	<i>Strumigenys spp.</i>	Formicidae	Myrmicinae
152	74.40	14.42	Santagal	<i>Tapinoma melanocephalum</i>	Formicidae	Dolichoderinae
153	74.40	14.42	Santagal	<i>Tetramorium mixtum</i>	Formicidae	Myrmicinae
154	74.40	14.42	Santagal	<i>Tetramorium obesum</i>	Formicidae	Myrmicinae
155	74.40	14.42	Santagal	<i>Tetramorium smithii</i>	Formicidae	Myrmicinae
156	74.40	14.42	Santaghal	<i>Diacamma indicum</i>	Formicidae	Ponerinae

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157	74.40	14.42	Santaghal	<i>Pachycondyla crassa</i>	Formicidae	Ponerinae
158	74.40	14.42	Santaghal	<i>Pachycondyla melanaria</i>	Formicidae	Ponerinae
159	74.40	14.42	Santaghal	<i>Pachycondyla rufipes</i>	Formicidae	Ponerinae
160	74.40	14.42	Santaghal	<i>Platythrea parallela</i>	Formicidae	Ponerinae
161	74.42	15.08	Evergreen	<i>Cardiocondyla spp.</i>	Formicidae	Myrmicinae
162	74.42	15.08	Evergreen	<i>Cardiocondyla wroughtoni</i>	Formicidae	Myrmicinae
163	74.42	15.08	Evergreen	<i>Cataulacus latus</i>	Formicidae	Myrmicinae
164	74.42	15.08	Evergreen	<i>Cataulacus spp.</i>	Formicidae	Myrmicinae
165	74.42	15.08	Evergreen	<i>Cataulacus taprobanae</i>	Formicidae	Myrmicinae
166	74.42	15.08	Evergreen	<i>Cataulacus tetrobonae</i>	Formicidae	Myrmicinae
167	74.42	15.08	Evergreen	<i>Crematogaster biroi</i>	Formicidae	Myrmicinae
168	74.42	15.08	Evergreen	<i>Crematogaster ransoneti</i>	Formicidae	Myrmicinae
169	74.42	15.08	Evergreen	<i>Crematogaster rogenhoferi</i>	Formicidae	Myrmicinae
170	74.42	15.08	Evergreen	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
171	74.42	15.08	Evergreen	<i>Crematogaster Wroughtonii</i>	Formicidae	Myrmicinae
172	74.42	15.08	Evergreen	<i>Crematogaster brunei</i>	Formicidae	Myrmicinae
173	74.42	15.08	Evergreen	<i>Crematogaster dohr</i>	Formicidae	Myrmicinae
174	74.42	15.08	Evergreen	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
175	74.42	15.08	Evergreen	<i>Harpegnathos saltator</i>	Formicidae	Ponerinae
176	74.42	15.08	Evergreen	<i>Leptogenys chinensis</i>	Formicidae	Ponerinae
177	74.42	15.08	Evergreen	<i>Leptogenys ocellifera</i>	Formicidae	Ponerinae
178	74.42	15.08	Evergreen	<i>Lepto thorax spp.</i>	Formicidae	Myrmicinae
179	74.42	15.08	Evergreen	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
180	74.42	15.08	Evergreen	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
181	74.42	15.08	Evergreen	<i>Pheidologeton diversus</i>	Formicidae	Myrmicinae
182	74.42	15.08	Evergreen	<i>Pheidole constantia</i>	Formicidae	Myrmicinae
183	74.42	15.08	Evergreen	<i>Pheidole jucunda</i>	Formicidae	Myrmicinae
184	74.42	15.08	Evergreen	<i>Pheidole malini</i>	Formicidae	Myrmicinae
185	74.42	15.08	Evergreen	<i>Pheidole mus</i>	Formicidae	Myrmicinae
186	74.42	15.08	Evergreen	<i>Pheidole neitneri</i>	Formicidae	Myrmicinae
187	74.42	15.08	Evergreen	<i>Pheidole phipsoni</i>	Formicidae	Myrmicinae
188	74.42	15.08	Evergreen	<i>Pheidole robertii</i>	Formicidae	Myrmicinae
189	74.42	15.08	Evergreen	<i>Polyrhachis exercita</i>	Formicidae	Formicinae
190	74.42	15.08	Evergreen	<i>Polyrhachis clypeata</i>	Formicidae	Formicinae
191	74.42	15.08	Evergreen	<i>Polyrhachis furchata</i>	Formicidae	Formicinae
192	74.42	15.08	Evergreen	<i>Polyrhachis lactipennis</i>	Formicidae	Formicinae
193	74.42	15.08	Evergreen	<i>Polyrhachis punctilata</i>	Formicidae	Formicinae
194	74.42	15.08	Evergreen	<i>Polyrhachis simplex</i>	Formicidae	Formicinae
195	74.42	15.08	Evergreen	<i>Polyrhachis spp.</i>	Formicidae	Formicinae
196	74.42	15.08	Evergreen	<i>Polyrhachis striata</i>	Formicidae	Formicinae
197	74.44	14.28	Honnavar	<i>Bothronopera rubiceps</i>	Formicidae	Ponerinae
198	74.44	14.28	Honnavar	<i>Leptogenys chinensis</i>	Formicidae	Ponerinae
199	74.44	14.28	Honnavar	<i>Leptogenys ocellifera</i>	Formicidae	Ponerinae
200	74.44	14.28	Honnavar	<i>Odontomachus haematodus</i>	Formicidae	Ponerinae
201	74.51	14.91	Evergreen and semi	<i>Camponotus angusticollis</i>	Formicidae	Formicinae

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202	74.51	14.91	Evergreen and semi	<i>Camponotus confucii</i>	Formicidae	Formicinae
203	74.51	14.91	Evergreen and semi	<i>Camponotus formanorisi</i>	Formicidae	Formicinae
204	74.51	14.91	Evergreen and semi	<i>Camponotus rufoglaucus</i>	Formicidae	Formicinae
205	74.51	14.91	Evergreen and semi	<i>Camponotus sericeus</i>	Formicidae	Formicinae
206	74.51	14.91	Evergreen and semi	<i>Camponotus taylori</i>	Formicidae	Formicinae
207	74.51	14.91	Evergreen and semi	<i>Plagiolepis rothneyii</i>	Formicidae	Formicinae
208	74.51	14.91	Evergreen and semi	<i>Plagiolepis exigua</i>	Formicidae	Formicinae
209	74.51	14.91	Evergreen and semi	<i>Polyrhachis chypeata</i>	Formicidae	Formicinae
210	74.51	14.91	Evergreen and semi	<i>Polyrhachis furcata</i>	Formicidae	Formicinae
211	74.51	14.91	Evergreen and semi	<i>Polyrhachis simplex</i>	Formicidae	Formicinae
212	74.51	14.91	Evergreen and semi	<i>Polyrhachis spp.</i>	Formicidae	Formicinae
213	74.51	14.91	Evergreen and semi	<i>Polyrhachis striata</i>	Formicidae	Formicinae
214	74.51	14.91	Evergreen and semi	<i>Prenolepis longicornis</i>	Formicidae	Formicinae
215	74.52	15.05	Evergreen	<i>Monomorium criniceps</i>	Formicidae	Myrmicinae
216	74.52	15.05	Evergreen	<i>Monomorium destructor</i>	Formicidae	Myrmicinae
217	74.52	15.05	Evergreen	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
218	74.52	15.05	Evergreen	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
219	74.52	15.05	Evergreen	<i>Monomorium minutum</i>	Formicidae	Myrmicinae
220	74.52	15.05	Evergreen	<i>Monomorium pharaonis</i>	Formicidae	Myrmicinae
221	74.52	15.05	Evergreen	<i>Monomorium sebriceps</i>	Formicidae	Myrmicinae
222	74.52	15.05	Evergreen	<i>Monomorium spp.</i>	Formicidae	Myrmicinae
223	74.52	15.05	Evergreen	<i>Monomorium wroughtonii</i>	Formicidae	Myrmicinae
224	74.52	15.05	Evergreen	<i>Oecophylla smaragdina</i>	Formicidae	Formicinae
225	74.52	15.05	Evergreen	<i>Pheidole fergusonii</i>	Formicidae	Myrmicinae
226	74.52	15.05	Evergreen	<i>Pheidole spp.</i>	Formicidae	Myrmicinae
227	74.52	15.05	Evergreen	<i>Pheidole woodmasoni</i>	Formicidae	Myrmicinae
228	74.52	15.05	Evergreen	<i>Pheidole rhombinoda</i>	Formicidae	Myrmicinae
229	74.52	15.05	Evergreen	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
230	74.58	14.63	Semi evergreen	<i>Crematogaster ransoneti</i>	Formicidae	Myrmicinae
231	74.58	14.63	Semi evergreen	<i>Crematogaster rogenhoferi</i>	Formicidae	Myrmicinae
232	74.58	14.63	Semi evergreen	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
233	74.58	14.63	Semi evergreen	<i>Crematogaster Wroughtonii</i>	Formicidae	Myrmicinae
234	74.58	14.63	Semi evergreen	<i>Crematogaster brunei</i>	Formicidae	Myrmicinae
235	74.58	14.63	Semi evergreen	<i>Crematogaster dohr</i>	Formicidae	Myrmicinae
236	74.58	14.63	Semi evergreen	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
237	74.58	14.63	Semi evergreen	<i>Diacamma indicum</i>	Formicidae	Ponerinae
238	74.58	14.63	Semi evergreen	<i>Diacamma indicum</i>	Formicidae	Ponerinae
239	74.58	14.63	Semi evergreen	<i>Diacamma rugosum</i>	Formicidae	Ponerinae
240	74.58	14.63	Semi evergreen	<i>Harpegnathos saltator</i>	Formicidae	Ponerinae
241	74.58	14.63	Semi evergreen	<i>Leptogenys chinensis</i>	Formicidae	Ponerinae
242	74.58	14.63	Semi evergreen	<i>Leptogenys ocellifera</i>	Formicidae	Ponerinae
243	74.58	14.63	Semi evergreen	<i>Leptothorax spp.</i>	Formicidae	Myrmicinae
244	74.58	14.63	Semi evergreen	<i>Meranoplus belli</i>	Formicidae	Myrmicinae
245	74.58	14.63	Semi evergreen	<i>Meranoplus bicolor</i>	Formicidae	Myrmicinae
246	74.58	14.63	Semi evergreen	<i>Monomorium atomum</i>	Formicidae	Myrmicinae

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247	74.58	14.63	Semi evergreen	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
248	74.58	14.63	Semi evergreen	<i>Monomorium criniceps</i>	Formicidae	Myrmicinae
249	74.58	14.63	Semi evergreen	<i>Monomorium criniceps</i>	Formicidae	Myrmicinae
250	74.58	14.63	Semi evergreen	<i>Monomorium destructor</i>	Formicidae	Myrmicinae
251	74.58	14.63	Semi evergreen	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
252	74.58	14.63	Semi evergreen	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
253	74.58	14.63	Semi evergreen	<i>Monomorium minutum</i>	Formicidae	Myrmicinae
254	74.58	14.63	Semi evergreen	<i>Monomorium pharaonis</i>	Formicidae	Myrmicinae
255	74.58	14.63	Semi evergreen	<i>Monomorium sebriceps</i>	Formicidae	Myrmicinae
256	74.58	14.63	Semi evergreen	<i>Monomorium spp.</i>	Formicidae	Myrmicinae
257	74.58	14.63	Semi evergreen	<i>Monomorium subopacum</i>	Formicidae	Myrmicinae
258	74.62	13.97	Bhatkal	<i>Bothronopera rubiceps</i>	Formicidae	Ponerinae
259	74.62	13.97	Bhatkal	<i>Leptogenys chinensis</i>	Formicidae	Ponerinae
260	74.62	13.97	Bhatkal	<i>Leptogenys ocellifera</i>	Formicidae	Ponerinae
261	74.62	13.97	Bhatkal	<i>Odontomachus haematodus</i>	Formicidae	Ponerinae
262	74.63	14.73	Semi evergreen	<i>Aphaenogaster beccari</i>	Formicidae	Myrmicinae
263	74.63	14.73	Semi evergreen	<i>Camponotus angusticollis</i>	Formicidae	Formicinae
264	74.63	14.73	Semi evergreen	<i>Camponotus confucii</i>	Formicidae	Formicinae
265	74.63	14.73	Semi evergreen	<i>Camponotus compressus</i>	Formicidae	Formicinae
266	74.63	14.73	Semi evergreen	<i>Camponotus fornarnoris</i>	Formicidae	Formicinae
267	74.63	14.73	Semi evergreen	<i>Camponotus paria</i>	Formicidae	Formicinae
268	74.63	14.73	Semi evergreen	<i>Camponotus rufoglaucus</i>	Formicidae	Formicinae
269	74.63	14.73	Semi evergreen	<i>Camponotus sericeus</i>	Formicidae	Formicinae
270	74.63	14.73	Semi evergreen	<i>Camponotus taylora</i>	Formicidae	Formicinae
271	74.63	14.73	Semi evergreen	<i>Camponotus variegatus</i>	Formicidae	Formicinae
272	74.63	14.73	Semi evergreen	<i>Crematogaster biroi</i>	Formicidae	Myrmicinae
273	74.63	14.73	Semi evergreen	<i>Monomorium subopacum</i>	Formicidae	Myrmicinae
274	74.63	14.73	Semi evergreen	<i>Monomorium wroughtonii</i>	Formicidae	Myrmicinae
275	74.63	14.73	Semi evergreen	<i>Myrmicaria brunnea</i>	Formicidae	Myrmicinae
276	74.63	14.73	Semi evergreen	<i>Oecophylla smaragdina</i>	Formicidae	Formicinae
277	74.63	14.73	Semi evergreen	<i>Oecophylla smaragdina</i>	Formicidae	Formicinae
278	74.63	14.73	Semi evergreen	<i>Pheidole fergusonii</i>	Formicidae	Myrmicinae
279	74.63	14.73	Semi evergreen	<i>Pheidole spp.</i>	Formicidae	Myrmicinae
280	74.63	14.73	Semi evergreen	<i>Pheidole woodmasoni</i>	Formicidae	Myrmicinae
281	74.63	14.73	Semi evergreen	<i>Pheidole rhombinoda</i>	Formicidae	Myrmicinae
282	74.63	14.73	Semi evergreen	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
283	74.63	14.73	Semi evergreen	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
284	74.63	14.73	Semi evergreen	<i>Pheidologeton diversus</i>	Formicidae	Myrmicinae
285	74.63	14.73	Semi evergreen	<i>Pheidole constantia</i>	Formicidae	Myrmicinae
286	74.63	14.73	Semi evergreen	<i>Pheidole jucunda</i>	Formicidae	Myrmicinae
287	74.63	14.73	Semi evergreen	<i>Pheidole malini</i>	Formicidae	Myrmicinae
288	74.63	14.73	Semi evergreen	<i>Pheidole mus</i>	Formicidae	Myrmicinae
289	74.63	14.73	Semi evergreen	<i>Pheidole neitneri</i>	Formicidae	Myrmicinae
290	74.63	14.73	Semi evergreen	<i>Pheidole phipsoni</i>	Formicidae	Myrmicinae
291	74.63	14.73	Semi evergreen	<i>Pheidole robertii</i>	Formicidae	Myrmicinae

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292	74.63	14.73	Semi evergreen	<i>Prenolepis naoroji</i>	Formicidae	Formicinae
293	74.63	14.73	Semi evergreen	<i>Tetramorium mixtum</i>	Formicidae	Myrmicinae
294	74.63	14.73	Semi evergreen	<i>Tetramorium obesum</i>	Formicidae	Myrmicinae
295	74.63	14.73	Semi evergreen	<i>Tetramorium smithii</i>	Formicidae	Myrmicinae
296	74.63	14.73	Semi evergreen	<i>Tetramorium spp.</i>	Formicidae	Myrmicinae
297	74.63	14.73	Semi evergreen	<i>Tetramorium walshi</i>	Formicidae	Myrmicinae
298	74.63	14.73	Semi evergreen	<i>Tetraponera aitkeni</i>	Formicidae	Pseudomirminae
299	74.63	14.73	Semi evergreen	<i>Tetraponera allaborans</i>	Formicidae	Pseudomyrmecinae
300	74.63	14.73	Semi evergreen	<i>Tetraponera nigra</i>	Formicidae	Pseudomirminae
301	74.63	14.73	Semi evergreen	<i>Tetraponera rufonigra</i>	Formicidae	Pseudomirminae
302	74.70	15.06	Moist deciduous forest	<i>Harpegnathos saltator</i>	Formicidae	Ponerinae
303	74.70	15.06	Moist deciduous forest	<i>Harpegnathos saltator</i>	Formicidae	Ponerinae
304	74.70	15.06	Moist deciduous forest	<i>Leptogenys chinensis</i>	Formicidae	Ponerinae
305	74.70	15.06	Moist deciduous forest	<i>Leptogenys ocellifera</i>	Formicidae	Ponerinae
306	74.70	15.06	Moist deciduous forest	<i>Leptothorax spp.</i>	Formicidae	Myrmicinae
307	74.70	15.06	Moist deciduous forest	<i>Lophomyrmex quadrispinosus</i>	Formicidae	Myrmicinae
308	74.70	15.06	Moist deciduous forest	<i>Meranoplus belli</i>	Formicidae	Myrmicinae
309	74.70	15.06	Moist deciduous forest	<i>Meranoplus bicolor</i>	Formicidae	Myrmicinae
310	74.70	15.06	Moist deciduous forest	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
311	74.70	15.06	Moist deciduous forest	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
312	74.70	15.06	Moist deciduous forest	<i>Monomorium criniceps</i>	Formicidae	Myrmicinae
313	74.70	15.06	Moist deciduous forest	<i>Monomorium destructor</i>	Formicidae	Myrmicinae
314	74.70	15.06	Moist deciduous forest	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
315	74.70	15.06	Moist deciduous forest	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
316	74.70	15.06	Moist deciduous forest	<i>Monomorium minutum</i>	Formicidae	Myrmicinae
317	74.70	15.06	Moist deciduous forest	<i>Monomorium pharaonis</i>	Formicidae	Myrmicinae
318	74.70	15.06	Moist deciduous forest	<i>Monomorium sebriceps</i>	Formicidae	Myrmicinae
319	74.70	15.06	Moist deciduous forest	<i>Monomorium spp.</i>	Formicidae	Myrmicinae
320	74.70	15.06	Moist deciduous forest	<i>Monomorium subopacum</i>	Formicidae	Myrmicinae
321	74.70	15.06	Moist deciduous forest	<i>Monomorium wroughtonii</i>	Formicidae	Myrmicinae
322	74.70	15.06	Moist deciduous forest	<i>Myrmecaria brunnea</i>	Formicidae	Myrmicinae
323	74.70	15.06	Moist deciduous forest	<i>Myrmoterus spp.</i>	Formicidae	Formicinae
324	74.70	15.06	Moist deciduous forest	<i>Oecophylla smaragdina</i>	Formicidae	Formicinae
325	74.70	15.06	Moist deciduous forest	<i>Oecophylla smaragdina</i>	Formicidae	Formicinae
326	74.70	15.06	Moist deciduous forest	<i>Pachycondyla crassa</i>	Formicidae	Ponerinae
327	74.70	15.06	Moist deciduous forest	<i>Pachycondyla melanaria</i>	Formicidae	Ponerinae
328	74.70	15.06	Moist deciduous forest	<i>Pachycondyla rufipes</i>	Formicidae	Ponerinae
329	74.70	15.06	Moist deciduous forest	<i>Paratrechina longicornis</i>	Formicidae	Formicinae
330	74.70	15.06	Moist deciduous forest	<i>Paratrechina yerburyi</i>	Formicidae	Formicinae
331	74.70	15.06	Moist deciduous forest	<i>Pheidole fergusonii</i>	Formicidae	Myrmicinae
332	74.70	15.06	Moist deciduous forest	<i>Pheidole spp.</i>	Formicidae	Myrmicinae
333	74.70	15.06	Moist deciduous forest	<i>Pheidole woodmasoni</i>	Formicidae	Myrmicinae
334	74.70	15.06	Moist deciduous forest	<i>Pheidole constantia</i>	Formicidae	Myrmicinae
335	74.70	15.06	Moist deciduous forest	<i>Pheidole jucunda</i>	Formicidae	Myrmicinae
336	74.70	15.06	Moist deciduous forest	<i>Pheidole malini</i>	Formicidae	Myrmicinae

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337	74.70	15.06	Moist deciduous forest	<i>Pheidole mus</i>	Formicidae	Myrmicinae
338	74.70	15.06	Moist deciduous forest	<i>Pheidole neitneri</i>	Formicidae	Myrmicinae
339	74.70	15.06	Moist deciduous forest	<i>Pheidole phipsoni</i>	Formicidae	Myrmicinae
340	74.70	15.06	Moist deciduous forest	<i>Pheidole robertii</i>	Formicidae	Myrmicinae
341	74.70	15.06	Moist deciduous forest	<i>Polyrhachis clypeata</i>	Formicidae	Formicinae
342	74.70	15.06	Moist deciduous forest	<i>Polyrhachis furcata</i>	Formicidae	Formicinae
343	74.70	15.06	Moist deciduous forest	<i>Polyrachis lactipennis</i>	Formicidae	Formicinae
344	74.70	15.06	Moist deciduous forest	<i>Polyrhachis punctulata</i>	Formicidae	Formicinae
345	74.70	15.06	Moist deciduous forest	<i>Polyrachis simplex</i>	Formicidae	Formicinae
346	74.70	15.06	Moist deciduous forest	<i>Polyrachis spp.</i>	Formicidae	Formicinae
347	74.70	15.06	Moist deciduous forest	<i>Polyrachis striata</i>	Formicidae	Formicinae
348	74.70	15.06	Moist deciduous forest	<i>Prenolepis longicornis</i>	Formicidae	Formicinae
349	74.70	15.06	Moist deciduous forest	<i>Prenolepis naoroji</i>	Formicidae	Formicinae
350	74.70	15.06	Moist deciduous forest	<i>Tetramorium mixtum</i>	Formicidae	Myrmicinae
351	74.70	15.06	Moist deciduous forest	<i>Tetramorium obesum</i>	Formicidae	Myrmicinae
352	74.70	15.06	Moist deciduous forest	<i>Tetramorium smithii</i>	Formicidae	Myrmicinae
353	74.70	15.06	Moist deciduous forest	<i>Tetramorium spp.</i>	Formicidae	Myrmicinae
354	74.70	15.06	Moist deciduous forest	<i>Tetramorium walshi</i>	Formicidae	Myrmicinae
355	74.70	15.06	Moist deciduous forest	<i>Tetraponera aitkeni</i>	Formicidae	Pseudomirminae
356	74.70	15.06	Moist deciduous forest	<i>Tetraponera allaborans</i>	Formicidae	Pseudomyrmecinae
357	74.70	15.06	Moist deciduous forest	<i>Tetraponera nigra</i>	Formicidae	Pseudomirminae
358	74.70	15.06	Moist deciduous forest	<i>Tetraponera rufonigra</i>	Formicidae	Pseudomyrmecinae
359	74.71	14.35	Scrublands	<i>Anoplolepis longipes</i>	Formicidae	Formicinae
360	74.71	14.35	Scrublands	<i>Anoplolepis gracilipes</i>	Formicidae	Formicinae
361	74.71	14.35	Scrublands	<i>Aphaenogaster beccari</i>	Formicidae	Myrmicinae
362	74.71	14.35	Scrublands	<i>Camponotus angusticollis</i>	Formicidae	Formicinae
363	74.71	14.35	Scrublands	<i>Camponotus confucii</i>	Formicidae	Formicinae
364	74.71	14.35	Scrublands	<i>Camponotus compressus</i>	Formicidae	Formicinae
365	74.71	14.35	Scrublands	<i>Camponotus compressus</i>	Formicidae	Formicinae
366	74.71	14.35	Scrublands	<i>Camponotus compressus</i>	Formicidae	Formicinae
367	74.71	14.35	Scrublands	<i>Camponotus fornarnoris</i>	Formicidae	Formicinae
368	74.71	14.35	Scrublands	<i>Camponotus paria</i>	Formicidae	Formicinae
369	74.71	14.35	Scrublands	<i>Camponotus paria</i>	Formicidae	Formicinae
370	74.71	14.35	Scrublands	<i>Camponotus rufoglaucus</i>	Formicidae	Formicinae
371	74.71	14.35	Scrublands	<i>Camponotus sericeus</i>	Formicidae	Formicinae
372	74.71	14.35	Scrublands	<i>Camponotus taylora</i>	Formicidae	Formicinae
373	74.71	14.35	Scrublands	<i>Camponotus variegatus</i>	Formicidae	Formicinae
374	74.71	14.35	Scrublands	<i>Cardiocondyla spp.</i>	Formicidae	Myrmicinae
375	74.71	14.35	Scrublands	<i>Cardiocondyla wroughtoni</i>	Formicidae	Myrmicinae
376	74.71	14.35	Scrublands	<i>Crematogaster biroi</i>	Formicidae	Myrmicinae
377	74.71	14.35	Scrublands	<i>Crematogaster ransoneti</i>	Formicidae	Myrmicinae
378	74.71	14.35	Scrublands	<i>Crematogaster rogenhoferi</i>	Formicidae	Myrmicinae
379	74.71	14.35	Scrublands	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
380	74.71	14.35	Scrublands	<i>Crematogaster Wroughtonii</i>	Formicidae	Myrmicinae
381	74.71	14.35	Scrublands	<i>Crematogaster brunei</i>	Formicidae	Myrmicinae

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382	74.71	14.35	Scrublands	<i>Crematogaster dohr</i>	Formicidae	Myrmicinae
383	74.71	14.35	Scrublands	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
384	74.71	14.35	Scrublands	<i>Diacamma indicum</i>	Formicidae	Ponerinae
385	74.71	14.35	Scrublands	<i>Diacamma rugosum</i>	Formicidae	Ponerinae
386	74.71	14.35	Scrublands	<i>Leptogenys chinensis</i>	Formicidae	Ponerinae
387	74.71	14.35	Scrublands	<i>Leptogenys ocellifera</i>	Formicidae	Ponerinae
388	74.71	14.35	Scrublands	<i>Leptothorax spp.</i>	Formicidae	Myrmicinae
389	74.71	14.35	Scrublands	<i>Lophomyrmex quadrispinosus</i>	Formicidae	Myrmicinae
390	74.71	14.35	Scrublands	<i>Meranoplus belli</i>	Formicidae	Myrmicinae
391	74.71	14.35	Scrublands	<i>Meranoplus bicolor</i>	Formicidae	Myrmicinae
392	74.71	14.35	Scrublands	<i>Meranoplus bicolor</i>	Formicidae	Myrmicinae
393	74.71	14.35	Scrublands	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
394	74.71	14.35	Scrublands	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
395	74.71	14.35	Scrublands	<i>Monomorium criniceps</i>	Formicidae	Myrmicinae
396	74.71	14.35	Scrublands	<i>Monomorium destructor</i>	Formicidae	Myrmicinae
397	74.71	14.35	Scrublands	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
398	74.71	14.35	Scrublands	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
399	74.71	14.35	Scrublands	<i>Monomorium minutum</i>	Formicidae	Myrmicinae
400	74.71	14.35	Scrublands	<i>Monomorium pharaonis</i>	Formicidae	Myrmicinae
401	74.71	14.35	Scrublands	<i>Monomorium sebriceps</i>	Formicidae	Myrmicinae
402	74.71	14.35	Scrublands	<i>Monomorium spp.</i>	Formicidae	Myrmicinae
403	74.71	14.35	Scrublands	<i>Monomorium subopacum</i>	Formicidae	Myrmicinae
404	74.71	14.35	Scrublands	<i>Monomorium wroughtonii</i>	Formicidae	Myrmicinae
405	74.71	14.35	Scrublands	<i>Myrmicaria brunnea</i>	Formicidae	Myrmicinae
406	74.71	14.35	Scrublands	<i>Pachycondyla crassa</i>	Formicidae	Ponerinae
407	74.71	14.35	Scrublands	<i>Pachycondyla melanaria</i>	Formicidae	Ponerinae
408	74.71	14.35	Scrublands	<i>Pachycondyla rufipes</i>	Formicidae	Ponerinae
409	74.71	14.35	Scrublands	<i>Paratrechina longicornis</i>	Formicidae	Formicinae
410	74.71	14.35	Scrublands	<i>Paratrechina yerburyi</i>	Formicidae	Formicinae
411	74.71	14.35	Scrublands	<i>Pheidole fergusonii</i>	Formicidae	Myrmicinae
412	74.71	14.35	Scrublands	<i>Pheidole spp.</i>	Formicidae	Myrmicinae
413	74.71	14.35	Scrublands	<i>Pheidole woodmasoni</i>	Formicidae	Myrmicinae
414	74.71	14.35	Scrublands	<i>Pheidole rhombinoda</i>	Formicidae	Myrmicinae
415	74.71	14.35	Scrublands	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
416	74.71	14.35	Scrublands	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
417	74.71	14.35	Scrublands	<i>Pheidologeton diversus</i>	Formicidae	Myrmicinae
418	74.71	14.35	Scrublands	<i>Pheidole constantia</i>	Formicidae	Myrmicinae
419	74.71	14.35	Scrublands	<i>Pheidole jucunda</i>	Formicidae	Myrmicinae
420	74.71	14.35	Scrublands	<i>Pheidole malini</i>	Formicidae	Myrmicinae
421	74.71	14.35	Scrublands	<i>Pheidole mus</i>	Formicidae	Myrmicinae
422	74.71	14.35	Scrublands	<i>Pheidole neitneri</i>	Formicidae	Myrmicinae
423	74.71	14.35	Scrublands	<i>Pheidole phipsoni</i>	Formicidae	Myrmicinae
424	74.71	14.35	Scrublands	<i>Pheidole robertii</i>	Formicidae	Myrmicinae
425	74.71	14.35	Scrublands	<i>Plagiolepis dichroa</i>	Formicidae	Formicinae
426	74.71	14.35	Scrublands	<i>Polyrhachis exercita</i>	Formicidae	Formicinae

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427	74.71	14.35	Scrublands	<i>Polyrhachis clypeata</i>	Formicidae	Formicinae
428	74.71	14.35	Scrublands	<i>Polyrhachis furcata</i>	Formicidae	Formicinae
429	74.71	14.35	Scrublands	<i>Polyrhachis lactipennis</i>	Formicidae	Formicinae
430	74.71	14.35	Scrublands	<i>Polyrhachis punctulata</i>	Formicidae	Formicinae
431	74.71	14.35	Scrublands	<i>Polyrhachis simplex</i>	Formicidae	Formicinae
432	74.71	14.35	Scrublands	<i>Polyrhachis spp.</i>	Formicidae	Formicinae
433	74.71	14.35	Scrublands	<i>Polyrhachis striata</i>	Formicidae	Formicinae
434	74.71	14.35	Scrublands	<i>Solenopsis spp.</i>	Formicidae	Myrmicinae
435	74.71	14.35	Scrublands	<i>Solenopsis wroughtonii</i>	Formicidae	Myrmicinae
436	74.71	14.35	Scrublands	<i>Tetramorium mixtum</i>	Formicidae	Myrmicinae
437	74.71	14.35	Scrublands	<i>Tetramorium obesum</i>	Formicidae	Myrmicinae
438	74.71	14.35	Scrublands	<i>Tetramorium smithii</i>	Formicidae	Myrmicinae
439	74.71	14.35	Scrublands	<i>Tetramorium spp.</i>	Formicidae	Myrmicinae
440	74.71	14.35	Scrublands	<i>Tetramorium walshi</i>	Formicidae	Myrmicinae
441	74.71	14.35	Scrublands	<i>Tetraoponera aitkeni</i>	Formicidae	Pseudomirminae
442	74.71	14.35	Scrublands	<i>Tetraoponera allaborans</i>	Formicidae	Pseudomyrmecinae
443	74.71	14.35	Scrublands	<i>Tetraoponera nigra</i>	Formicidae	Pseudomyrmecinae
444	74.71	14.35	Scrublands	<i>Tetraoponera rufonigra</i>	Formicidae	Pseudomirminae
445	74.77	15.29	Moist deciduous forest	<i>Cataulacus latus</i>	Formicidae	Myrmicinae
446	74.77	15.29	Moist deciduous forest	<i>Cataulacus spp.</i>	Formicidae	Myrmicinae
447	74.77	15.29	Moist deciduous forest	<i>Cataulacus taprobanae</i>	Formicidae	Myrmicinae
448	74.77	15.29	Moist deciduous forest	<i>Cataulacus taprobanae</i>	Formicidae	Myrmicinae
449	74.77	15.29	Moist deciduous forest	<i>Crematogaster biroi</i>	Formicidae	Myrmicinae
450	74.77	15.29	Moist deciduous forest	<i>Crematogaster ransoneti</i>	Formicidae	Myrmicinae
451	74.77	15.29	Moist deciduous forest	<i>Crematogaster rogenhoferi</i>	Formicidae	Myrmicinae
452	74.77	15.29	Moist deciduous forest	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
453	74.77	15.29	Moist deciduous forest	<i>Crematogaster Wroughtonii</i>	Formicidae	Myrmicinae
454	74.77	15.29	Moist deciduous forest	<i>Crematogaster brunei</i>	Formicidae	Myrmicinae
455	74.77	15.29	Moist deciduous forest	<i>Crematogaster dohr</i>	Formicidae	Myrmicinae
456	74.77	15.29	Moist deciduous forest	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
457	74.77	15.29	Moist deciduous forest	<i>Diacamma indicum</i>	Formicidae	Ponerinae
458	74.77	15.29	Moist deciduous forest	<i>Diacamma rugosum</i>	Formicidae	Ponerinae
459	74.80	14.89	Moist deciduous forest	<i>Acantholepis capensis</i>	Formicidae	Formicinae
460	74.80	14.89	Moist deciduous forest	<i>Acantholepis pulchella</i>	Formicidae	Formicinae
461	74.80	14.89	Moist deciduous forest	<i>Acantholepis simplex</i>	Formicidae	Formicinae
462	74.80	14.89	Moist deciduous forest	<i>Anoplolepis longipes</i>	Formicidae	Formicinae
463	74.80	14.89	Moist deciduous forest	<i>Anoplolepis gracilipes</i>	Formicidae	Formicinae
464	74.80	14.89	Moist deciduous forest	<i>Aphaenogaster beccari</i>	Formicidae	Myrmicinae
465	74.80	14.89	Moist deciduous forest	<i>Camponotus angusticollis</i>	Formicidae	Formicinae
466	74.80	14.89	Moist deciduous forest	<i>Camponotus confucii</i>	Formicidae	Formicinae
467	74.80	14.89	Moist deciduous forest	<i>Camponotus compressus</i>	Formicidae	Formicinae
468	74.80	14.89	Moist deciduous forest	<i>Camponotus fornarnoris</i>	Formicidae	Formicinae
469	74.80	14.89	Moist deciduous forest	<i>Camponotus paria</i>	Formicidae	Formicinae
470	74.80	14.89	Moist deciduous forest	<i>Camponotus rufoglaucus</i>	Formicidae	Formicinae
471	74.80	14.89	Moist deciduous forest	<i>Camponotus sericeus</i>	Formicidae	Formicinae

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472	74.80	14.89	Moist deciduous forest	<i>Camponotus taylori</i>	Formicidae	Formicinae
473	74.80	14.89	Moist deciduous forest	<i>Camponotus variegatus</i>	Formicidae	Formicinae
474	74.80	14.89	Moist deciduous forest	<i>Cardiocondyla spp.</i>	Formicidae	Myrmicinae
475	74.80	14.89	Moist deciduous forest	<i>Cardiocondyla wroughtoni</i>	Formicidae	Myrmicinae
476	74.83	14.62	Sirsi	<i>Acantholepis capensis</i>	Formicidae	Formicinae
477	74.83	14.62	Sirsi	<i>Acantholepis pulchella</i>	Formicidae	Formicinae
478	74.83	14.62	Sirsi	<i>Acantholepis simplex</i>	Formicidae	Formicinae
479	74.83	14.62	Sirsi	<i>Aeniticus pachycerus</i>	Formicidae	Dorylinae
480	74.83	14.62	Sirsi	<i>Anoplolepis longipes</i>	Formicidae	Formicinae
481	74.83	14.62	Sirsi	<i>Bothriomyrmex myops</i>	Formicidae	Dolichoderinae
482	74.83	14.62	Sirsi	<i>Camponotus variegatus</i>	Formicidae	Formicinae
483	74.83	14.62	Sirsi	<i>Dolichoderus bituberculatus</i>	Formicidae	Dolichoderinae
484	74.83	14.62	Sirsi	<i>Dorylus labiatus</i>	Formicidae	Dorylinae
485	74.83	14.62	Sirsi	<i>Dorylus orientalis</i>	Formicidae	Dorylinae
486	74.83	14.62	Sirsi	<i>Tapinoma indicum</i>	Formicidae	Dolichoderinae
487	74.83	14.62	Sirsi	<i>Tapinoma melanocephala</i>	Formicidae	Dolichoderinae
488	74.92	14.57	Bidaralli	<i>Aenictus brevicornis</i>	Formicidae	Aenictinae
489	74.92	14.57	Bidaralli	<i>Aenictus pachycereus</i>	Formicidae	Aenictinae
490	74.92	14.57	Bidaralli	<i>Anochetus kanariensis</i>	Formicidae	Ponerinae
491	74.92	14.57	Bidaralli	<i>Bothriomyrmex spp</i>	Formicidae	Dolichoderinae
492	74.92	14.57	Bidaralli	<i>Camponotus compressus</i>	Formicidae	Formicinae
493	74.92	14.57	Bidaralli	<i>Camponotus paria</i>	Formicidae	Formicinae
494	74.92	14.57	Bidaralli	<i>Cardiocondyla spp.</i>	Formicidae	Myrmicinae
495	74.92	14.57	Bidaralli	<i>Cardiocondyla wroughtoni</i>	Formicidae	Myrmicinae
496	74.92	14.57	Bidaralli	<i>Cataulacus spp.</i>	Formicidae	Myrmicinae
497	74.92	14.57	Bidaralli	<i>Cataulacus taprobanae</i>	Formicidae	Myrmicinae
498	74.92	14.57	Bidaralli	<i>Cerapachys sulcinodis</i>	Formicidae	Cerapachyinae
499	74.92	14.57	Bidaralli	<i>Crematogaster ransoneti</i>	Formicidae	Myrmicinae
500	74.92	14.57	Bidaralli	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
501	74.92	14.57	Bidaralli	<i>Diacamma indicum</i>	Formicidae	Ponerinae
502	74.92	14.57	Bidaralli	<i>Dorylus spp.</i>	Formicidae	Dorylinae
503	74.92	14.57	Bidaralli	<i>Harpegnathos saltator</i>	Formicidae	Ponerinae
504	74.92	14.57	Bidaralli	<i>Iridomyrmex spp</i>	Formicidae	Dolichoderinae
505	74.92	14.57	Bidaralli	<i>Lepisiota spp.</i>	Formicidae	Formicinae
506	74.92	14.57	Bidaralli	<i>Lophomyrmex quadrispinosus</i>	Formicidae	Myrmicinae
507	74.92	14.57	Bidaralli	<i>Meranoplus bicolor</i>	Formicidae	Myrmicinae
508	74.92	14.57	Bidaralli	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
509	74.92	14.57	Bidaralli	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
510	74.92	14.57	Bidaralli	<i>Myrmoterus spp.</i>	Formicidae	Formicinae
511	74.92	14.57	Bidaralli	<i>Oecophylla smaragdina</i>	Formicidae	Formicinae
512	74.92	14.57	Bidaralli	<i>Oligomyrmex spp.</i>	Formicidae	Myrmicinae
513	74.92	14.57	Bidaralli	<i>Pachycondyla crassa</i>	Formicidae	Ponerinae
514	74.92	14.57	Bidaralli	<i>Pachycondyla rufipes</i>	Formicidae	Ponerinae
515	74.92	14.57	Bidaralli	<i>Paratrechina longicornis</i>	Formicidae	Formicinae
516	74.92	14.57	Bidaralli	<i>Pheidole spp.</i>	Formicidae	Myrmicinae

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517	74.92	14.57	Bidaralli	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
518	74.92	14.57	Bidaralli	<i>Plagiolepis dichroa</i>	Formicidae	Formicinae
519	74.92	14.57	Bidaralli	<i>Polyrhachis exercita</i>	Formicidae	Formicinae
520	74.92	14.57	Bidaralli	<i>Polyrhachis punctulata</i>	Formicidae	Formicinae
521	74.92	14.57	Bidaralli	<i>Recurvidris recurvispinosa</i>	Formicidae	Myrmicinae
522	74.92	14.57	Bidaralli	<i>Rhoptromyrmex wroughtonii</i>	Formicidae	Myrmicinae
523	74.92	14.57	Bidaralli	<i>Strumigenys spp.</i>	Formicidae	Myrmicinae
524	74.92	14.57	Bidaralli	<i>Tapinoma melanocephalum</i>	Formicidae	Dolichoderinae
525	74.92	14.57	Bidaralli	<i>Technomyrmex albipes</i>	Formicidae	Dolichoderinae
526	74.92	14.57	Bidaralli	<i>Tetramorium smithii</i>	Formicidae	Myrmicinae
527	74.92	14.57	Bidaralli	<i>Tetramorium walshi</i>	Formicidae	Myrmicinae
528	74.92	14.57	Bidaralli	<i>Tetraponera allaborans</i>	Formicidae	Pseudomyrmecinae
529	74.97	15.01	Dry deciduous forest	<i>Acantholepis capensis</i>	Formicidae	Formicinae
530	74.97	15.01	Dry deciduous forest	<i>Acantholepis pulchella</i>	Formicidae	Formicinae
531	74.97	15.01	Dry deciduous forest	<i>Acantholepis simplex</i>	Formicidae	Formicinae
532	74.97	15.01	Dry deciduous forest	<i>Anoplolepis longipes</i>	Formicidae	Formicinae
533	74.97	15.01	Dry deciduous forest	<i>Anoplolepis gracilipes</i>	Formicidae	Formicinae
534	74.97	15.01	Dry deciduous forest	<i>Aphaenogaster beccari</i>	Formicidae	Myrmicinae
535	74.97	15.01	Dry deciduous forest	<i>Camponotus angusticollis</i>	Formicidae	Formicinae
536	74.97	15.01	Dry deciduous forest	<i>Camponotus confucii</i>	Formicidae	Formicinae
537	74.97	15.01	Dry deciduous forest	<i>Camponotus compressus</i>	Formicidae	Formicinae
538	74.97	15.01	Dry deciduous forest	<i>Camponotus formarnoris</i>	Formicidae	Formicinae
539	74.98	14.80	Dry deciduous forest	<i>Camponotus paria</i>	Formicidae	Formicinae
540	74.98	14.80	Dry deciduous forest	<i>Camponotus rufoglaucus</i>	Formicidae	Formicinae
541	74.98	14.80	Dry deciduous forest	<i>Camponotus sericeus</i>	Formicidae	Formicinae
542	74.98	14.80	Dry deciduous forest	<i>Camponotus taylori</i>	Formicidae	Formicinae
543	74.98	14.80	Dry deciduous forest	<i>Camponotus variegatus</i>	Formicidae	Formicinae
544	74.98	14.80	Dry deciduous forest	<i>Cardiocondyla spp.</i>	Formicidae	Myrmicinae
545	74.98	14.80	Dry deciduous forest	<i>Cardiocondyla wroughtoni</i>	Formicidae	Myrmicinae
546	74.98	14.80	Dry deciduous forest	<i>Cataulacus latus</i>	Formicidae	Myrmicinae
547	74.98	14.80	Dry deciduous forest	<i>Cataulacus spp.</i>	Formicidae	Myrmicinae
548	74.98	14.80	Dry deciduous forest	<i>Cataulacus taprobanae</i>	Formicidae	Myrmicinae
549	74.98	14.80	Dry deciduous forest	<i>Cataulacus taprobanae</i>	Formicidae	Myrmicinae
550	74.98	14.80	Dry deciduous forest	<i>Crematogaster biroi</i>	Formicidae	Myrmicinae
551	74.98	14.80	Dry deciduous forest	<i>Crematogaster ransoneti</i>	Formicidae	Myrmicinae
552	74.98	14.80	Dry deciduous forest	<i>Crematogaster rogenhoferi</i>	Formicidae	Myrmicinae
553	74.98	14.80	Dry deciduous forest	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
554	74.98	14.80	Dry deciduous forest	<i>Crematogaster Wroughtonii</i>	Formicidae	Myrmicinae
555	74.98	14.80	Dry deciduous forest	<i>Crematogaster brunei</i>	Formicidae	Myrmicinae
556	74.98	14.80	Dry deciduous forest	<i>Crematogaster dohr</i>	Formicidae	Myrmicinae
557	74.98	14.80	Dry deciduous forest	<i>Crematogaster rothneyi</i>	Formicidae	Myrmicinae
558	74.98	14.80	Dry deciduous forest	<i>Diacamma indicum</i>	Formicidae	Ponerinae
559	74.98	14.80	Dry deciduous forest	<i>Diacamma rugosum</i>	Formicidae	Ponerinae
560	74.98	14.80	Dry deciduous forest	<i>Leptogenys chinensis</i>	Formicidae	Ponerinae
561	74.98	14.80	Dry deciduous forest	<i>Leptogenys ocellifera</i>	Formicidae	Ponerinae

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562	74.98	14.80	Dry deciduous forest	<i>Leptothorax spp.</i>	Formicidae	Myrmicinae
563	74.98	14.80	Dry deciduous forest	<i>Lophomyrmex quadrispinosus</i>	Formicidae	Myrmicinae
564	74.98	14.80	Dry deciduous forest	<i>Meranoplus belli</i>	Formicidae	Myrmicinae
565	74.98	14.80	Dry deciduous forest	<i>Meranoplus bicolor</i>	Formicidae	Myrmicinae
566	74.98	14.80	Dry deciduous forest	<i>Monomorium atomum</i>	Formicidae	Myrmicinae
567	74.98	14.62	Dry deciduous forest	<i>Tetraponera rufonigra</i>	Formicidae	Pseudomyrmecinae
568	74.98	14.80	Dry deciduous forest	<i>Monomorium criniceps</i>	Formicidae	Myrmicinae
569	74.98	14.62	Dry deciduous forest	<i>Monomorium destructor</i>	Formicidae	Myrmicinae
570	74.98	14.62	Dry deciduous forest	<i>Tetraponera nigra</i>	Formicidae	Pseudomyrmecinae
571	74.98	14.62	Dry deciduous forest	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
572	74.98	14.62	Dry deciduous forest	<i>Monomorium glaber</i>	Formicidae	Myrmicinae
573	74.98	14.62	Dry deciduous forest	<i>Monomorium minutum</i>	Formicidae	Myrmicinae
574	74.98	14.62	Dry deciduous forest	<i>Monomorium pharaonis</i>	Formicidae	Myrmicinae
575	74.98	14.62	Dry deciduous forest	<i>Monomorium sebriceps</i>	Formicidae	Myrmicinae
576	74.98	14.62	Dry deciduous forest	<i>Monomorium spp.</i>	Formicidae	Myrmicinae
577	74.98	14.62	Dry deciduous forest	<i>Monomorium subopacum</i>	Formicidae	Myrmicinae
578	74.98	14.62	Dry deciduous forest	<i>Monomorium wroughtonii</i>	Formicidae	Myrmicinae
579	74.98	14.62	Dry deciduous forest	<i>Oecophylla smaragdina</i>	Formicidae	Formicinae
580	74.98	14.62	Dry deciduous forest	<i>Oecophylla smaragdina</i>	Formicidae	Formicinae
581	74.98	14.62	Dry deciduous forest	<i>Oligomyrmex spp.</i>	Formicidae	Myrmicinae
582	74.98	14.62	Dry deciduous forest	<i>Pachycondyla crassa</i>	Formicidae	Ponerinae
583	74.98	14.62	Dry deciduous forest	<i>Pachycondyla melanaria</i>	Formicidae	Ponerinae
584	74.98	14.62	Dry deciduous forest	<i>Pachycondyla rufipes</i>	Formicidae	Ponerinae
585	74.98	14.62	Dry deciduous forest	<i>Paratrechina longicornis</i>	Formicidae	Formicinae
586	74.98	14.62	Dry deciduous forest	<i>Paratrechina yerburyi</i>	Formicidae	Formicinae
587	74.98	14.62	Dry deciduous forest	<i>Pheidole fergusonii</i>	Formicidae	Myrmicinae
588	74.98	14.62	Dry deciduous forest	<i>Pheidole spp.</i>	Formicidae	Myrmicinae
589	74.98	14.62	Dry deciduous forest	<i>Pheidole woodmasoni</i>	Formicidae	Myrmicinae
590	74.98	14.62	Dry deciduous forest	<i>Pheidole rhombinoda</i>	Formicidae	Myrmicinae
591	74.98	14.62	Dry deciduous forest	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
592	74.98	14.62	Dry deciduous forest	<i>Pheidologeton affinis</i>	Formicidae	Myrmicinae
593	74.98	14.62	Dry deciduous forest	<i>Pheidologeton diversus</i>	Formicidae	Myrmicinae
594	74.98	14.62	Dry deciduous forest	<i>Pheidole constantia</i>	Formicidae	Myrmicinae
595	74.98	14.62	Dry deciduous forest	<i>Pheidole jucunda</i>	Formicidae	Myrmicinae
596	74.98	14.62	Dry deciduous forest	<i>Pheidole malini</i>	Formicidae	Myrmicinae
597	74.98	14.62	Dry deciduous forest	<i>Pheidole mus</i>	Formicidae	Myrmicinae
598	74.98	14.62	Dry deciduous forest	<i>Pheidole neitneri</i>	Formicidae	Myrmicinae
599	74.98	14.62	Dry deciduous forest	<i>Pheidole phipsoni</i>	Formicidae	Myrmicinae
600	74.98	14.62	Dry deciduous forest	<i>Pheidole robertii</i>	Formicidae	Myrmicinae
601	74.98	14.62	Dry deciduous forest	<i>Plagiolepis dichroa</i>	Formicidae	Formicinae
602	74.98	14.62	Dry deciduous forest	<i>Plagiolepis exigua</i>	Formicidae	Formicinae
603	74.98	14.62	Dry deciduous forest	<i>Plagiolepis jerdonii</i>	Formicidae	Formicinae
604	74.98	14.62	Dry deciduous forest	<i>Plagiolepis rothneyi</i>	Formicidae	Formicinae
605	74.98	14.62	Dry deciduous forest	<i>Plagiolepis exigua</i>	Formicidae	Formicinae
606	74.98	14.62	Dry deciduous forest	<i>Platythrea parallela</i>	Formicidae	Ponerinae

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607	74.98	14.62	Dry deciduous forest	<i>Polyrhachis exercita</i>	Formicidae	Formicinae
608	74.98	14.62	Dry deciduous forest	<i>Polyrhachis clypeata</i>	Formicidae	Formicinae
609	74.98	14.62	Dry deciduous forest	<i>Polyrhachis furcata</i>	Formicidae	Formicinae
610	74.98	14.62	Dry deciduous forest	<i>Polyrhachis lactipennis</i>	Formicidae	Formicinae
611	74.98	14.62	Dry deciduous forest	<i>Polyrhachis punctulata</i>	Formicidae	Formicinae
612	74.98	14.62	Dry deciduous forest	<i>Polyrhachis simplex</i>	Formicidae	Formicinae
613	74.98	14.62	Dry deciduous forest	<i>Polyrhachis spp.</i>	Formicidae	Formicinae
614	74.98	14.62	Dry deciduous forest	<i>Polyrhachis striata</i>	Formicidae	Formicinae
615	74.98	14.62	Dry deciduous forest	<i>Prenolepis longicornis</i>	Formicidae	Formicinae
616	74.98	14.62	Dry deciduous forest	<i>Prenolepis naoroji</i>	Formicidae	Formicinae
617	74.98	14.62	Dry deciduous forest	<i>Solenopsis wroughtonii</i>	Formicidae	Myrmicinae
618	74.98	14.62	Dry deciduous forest	<i>Tetramorium mixtum</i>	Formicidae	Myrmicinae
619	74.98	14.62	Dry deciduous forest	<i>Tetramorium obesum</i>	Formicidae	Myrmicinae
620	74.98	14.62	Dry deciduous forest	<i>Tetramorium smithii</i>	Formicidae	Myrmicinae
621	74.98	14.62	Dry deciduous forest	<i>Tetramorium spp.</i>	Formicidae	Myrmicinae
622	74.98	14.62	Dry deciduous forest	<i>Tetramorium walshi</i>	Formicidae	Myrmicinae
623	74.98	14.62	Dry deciduous forest	<i>Tetraponera aitkeni</i>	Formicidae	Pseudomirminae
624	74.98	14.62	Dry deciduous forest	<i>Tetraponera allaborans</i>	Formicidae	Pseudomyrmecinae
625	74.98	14.62	Dry deciduous forest	<i>Tetraponera nigra</i>	Formicidae	Pseudomirminae

Fish- Endemic										
S.no	Longitude	Latitude	Locations	Down stream	Up stream	River	Scientific name	E / NE	Iucn_India	Family
1	74.41	15.01	Kadra	+	+	Kali	<i>Parambassis dayi</i>	E	EN	Chandidae
2	74.41	15.01	Kadra	+	+	Kali	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
3	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Parambassis dayi</i>	E	EN	Chandidae
4	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
5	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
6	74.61	15.13	Nujji	+	+	Kali	<i>Parambassis dayi</i>	E	EN	Chandidae
7	74.61	15.13	Nujji	+	+	Kali	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
8	74.62	14.40	Allanki	+	+	Sharavathi	<i>Gonoproktopterus dubius</i>	E	EN	Cyprinidae
9	74.62	14.40	Allanki	+	+	Sharavathi	<i>Gonoproktopterus kolus</i>	E	EN	Cyprinidae
10	74.62	14.40	Allanki	+	+	Sharavathi	<i>Parambassis dayi</i>	E	EN	Chandidae
11	74.62	14.40	Allanki	+	+	Sharavathi	<i>Puntius jerdoni</i>	E	EN	Cyprinidae
12	74.62	14.40	Allanki	+	+	Sharavathi	<i>Puntius filamentosus</i>	E	LC	Cyprinidae
13	74.62	14.40	Allanki	+	+	Sharavathi	<i>Rasbora daniconius</i>	E	LC	Cyprinidae
14	74.62	14.40	Allanki	+	+	Sharavathi	<i>Salmostoma boopis</i>	E	LC	Cyprinidae
15	74.62	14.40	Allanki	+	+	Sharavathi	<i>Danio aequipinnatus</i>	E	VU	Cyprinidae
16	74.62	14.40	Allanki	+	+	Sharavathi	<i>Glossogobius giuris</i>	E	VU	Gobidae
17	74.62	14.40	Allanki	+	+	Sharavathi	<i>Garra gotyla stenorhynchus</i>	E	VU	Cyprinidae

ANNEXURE II: Fauna of Uttara Kannada district

18	74.62	14.40	Allanki	+	+	Sharavathi	<i>Parambassis thomassi</i>	E	VU	Chandidae
19	74.63	14.44	Kirtigadde	+		Aghnashini	<i>Parambassis dayi</i>	E	EN	Chandidae
20	74.69	15.43	Dandeli	+	+	Kali	<i>Parambassis dayi</i>	E	EN	Chandidae
21	74.69	15.43	Dandeli		+	Kali	<i>Tetraodon travancoricus</i>	E/I	EN	Tetraodontia
22	74.69	15.43	Dandeli		+	Kali	<i>Horabagrus brachysoma</i>	E/WG	EN	Bagridae
23	74.69	15.43	Dandeli	+	+	Kali	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
24	74.70	14.39	Gersoppa nursery	+	+	Sharavathi	<i>Gonoproktopterus dubius</i>	E	EN	Cyprinidae
25	74.70	14.39	Gersoppa nursery	+	+	Sharavathi	<i>Gonoproktopterus kolus</i>	E	EN	Cyprinidae
26	74.70	14.39	Gersoppa nursery	+	+	Sharavathi	<i>Puntius filamentosus</i>	E	LC	Cyprinidae
27	74.70	14.39	Gersoppa nursery	+	+	Sharavathi	<i>Rasbora daniconius</i>	E	LC	Cyprinidae
28	74.70	14.39	Gersoppa nursery	+	+	Sharavathi	<i>Salmostoma boopis</i>	E	LC	Cyprinidae
29	74.70	14.39	Gersoppa nursery	+	+	Sharavathi	<i>Danio aequipinnatus</i>	E	VU	Cyprinidae
30	74.70	14.39	Gersoppa nursery	+	+	Sharavathi	<i>Garra gotyla stenorhynchus</i>	E	VU	Cyprinidae
31	74.70	14.39	Gersoppa nursery	+	+	Sharavathi	<i>Parambassis thomassi</i>	E	VU	Chandidae
32	74.73	15.35	Maulangi	+	+	Kali	<i>Parambassis dayi</i>	E	EN	Chandidae
33	74.73	15.35	Maulangi	+	+	Kali	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
34	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
35	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Parambassis dayi</i>	E	EN	Chandidae
36	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Tetraodon travancoricus</i>	E/I	EN	Tetraodontia
37	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Horabagrus brachysoma</i>	E/WG	EN	Bagridae
38	74.78	14.97	Patnahole	+	+	Bedthi	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
39	74.83	15.01	Bedthi bridge		+	Bedthi	<i>Parambassis dayi</i>	E	EN	Chandidae
40	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
41	74.85	14.46	Jogfall		+	Sharavathi	<i>Puntius narayani</i>	E	CR	Cyprinidae
42	74.85	14.46	Jogfall	+	+	Sharavathi	<i>Gonoproktopterus dubius</i>	E	EN	Cyprinidae
43	74.85	14.46	Jogfall	+	+	Sharavathi	<i>Gonoproktopterus kolus</i>	E	EN	Cyprinidae
44	74.85	14.46	Jogfall		+	Sharavathi	<i>Mystus malabaricus</i>	E	EN	Bagridae
45	74.85	14.46	Jogfall		+	Sharavathi	<i>Labeo kawrus</i>	E	LC	Cyprinidae
46	74.85	14.46	Jogfall		+	Sharavathi	<i>Oreochthys cosuatis</i>	E	LC	Cyprinidae
47	74.85	14.46	Jogfall		+	Sharavathi	<i>Puntius fasciatus</i>	E	LC	Cyprinidae
48	74.85	14.46	Jogfall	+	+	Sharavathi	<i>Puntius filamentosus</i>	E	LC	Cyprinidae
49	74.85	14.46	Jogfall		+	Sharavathi	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
50	74.85	14.46	Jogfall	+	+	Sharavathi	<i>Rasbora daniconius</i>	E	LC	Cyprinidae
51	74.85	14.46	Jogfall	+	+	Sharavathi	<i>Salmostoma boopis</i>	E	LC	Cyprinidae
52	74.85	14.46	Jogfall		+	Sharavathi	<i>Salmostoma clupeoides</i>	E	LC	Cyprinidae
53	74.85	14.46	Jogfall	+	+	Sharavathi	<i>Danio aequipinnatus</i>	E	VU	Cyprinidae
54	74.85	14.46	Jogfall		+	Sharavathi	<i>Puntius sophore</i>	E	VU	Cyprinidae
55	74.85	14.46	Jogfall		+	Sharavathi	<i>Puntius ticto</i>	E	VU	Cyprinidae
56	74.85	14.46	Jogfall		+	Sharavathi	<i>Labeo fimbriatus</i>	E	VU	Cyprinidae
57	74.85	14.46	Jogfall		+	Sharavathi	<i>Mystus cavasius</i>	E	VU	Bagridae

ANNEXURE II: Fauna of Uttara Kannada district

58	74.85	14.46	Jogfall	+	+	Sharavathi	<i>Garra gotyla stenorhynchus</i>	E	VU	Cyprinidae
59	74.85	14.46	Jogfall	+	+	Sharavathi	<i>Parambassis thomassi</i>	E	VU	Chandidae
60	74.85	14.46	Jogfall		+	Sharavathi	<i>Tor khudree</i>	E	VU	Cyprinidae
61	74.86	15.11	Kumbri		+	Bedthi	<i>Parambassis dayi</i>	E	EN	Chandidae
62	74.86	15.11	Kumbri	+	+	Bedthi	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
63	74.87	15.43	B.p.damsite	+	+	Kali	<i>Parambassis dayi</i>	E	EN	Chandidae
64	74.87	15.43	B.p.damsite	+	+	Kali	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
65	74.88	14.46	Manihole		+	Aghnashini	<i>Bhavana australis</i>	E	EN/N	Balitoridae
66	74.88	14.46	Manihole		+	Aghnashini	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
67	74.88	14.62	Tattikai		+	Aghnashini	<i>Bhavana australis</i>	E	EN/N	Balitoridae
68	74.88	14.62	Tattikai		+	Aghnashini	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
69	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Silurus wynaadensis</i>	E/I	CR	Siluridae
70	74.90	15.04	Ganeshpal		+	Bedthi	<i>Parambassis dayi</i>	E	EN	Chandidae
71	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Tetraodon travancoricus</i>	E/I	EN	Tetraodontia
72	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
73	74.90	14.50	Bilgi bridge	+		Aghnashini	<i>Parambassis dayi</i>	E	EN	Chandidae
74	74.91	14.31	Gersoppa bate	+	+	Sharavathi	<i>Gonoproktopterus dubius</i>	E	EN	Cyprinidae
75	74.91	14.31	Gersoppa bate	+	+	Sharavathi	<i>Gonoproktopterus kolus</i>	E	EN	Cyprinidae
76	74.91	14.31	Gersoppa bate	+		Sharavathi	<i>Parambassis dayi</i>	E	EN	Chandidae
77	74.91	14.31	Gersoppa nursery	+		Sharavathi	<i>Parambassis dayi</i>	E	EN	Chandidae
78	74.91	14.31	Gersoppa bate	+		Sharavathi	<i>Puntius jerdoni</i>	E	EN	Cyprinidae
79	74.91	14.31	Gersoppa nursery	+		Sharavathi	<i>Puntius jerdoni</i>	E	EN	Cyprinidae
80	74.91	14.31	Gersoppa bate	+	+	Sharavathi	<i>Puntius filamentosus</i>	E	LC	Cyprinidae
81	74.91	14.31	Gersoppa bate	+	+	Sharavathi	<i>Rasbora daniconius</i>	E	LC	Cyprinidae
82	74.91	14.31	Gersoppa bate	+	+	Sharavathi	<i>Salmostoma boopis</i>	E	LC	Cyprinidae
83	74.91	14.31	Gersoppa bate	+	+	Sharavathi	<i>Danio aequipinnatus</i>	E	VU	Cyprinidae
84	74.91	14.31	Gersoppa bate	+		Sharavathi	<i>Glossogobius giuris</i>	E	VU	Gobidae
85	74.91	14.31	Gersoppa nursery	+		Sharavathi	<i>Glossogobius giuris</i>	E	VU	Gobidae
86	74.91	14.31	Gersoppa bate	+	+	Sharavathi	<i>Garra gotyla stenorhynchus</i>	E	VU	Cyprinidae
87	74.91	14.31	Gersoppa bate	+	+	Sharavathi	<i>Parambassis thomassi</i>	E	VU	Chandidae
88	74.93	14.46	Joginmatha		+	Sharavathi	<i>Puntius narayani</i>	E	CR	Cyprinidae
89	74.93	14.46	Joginmatha	+	+	Sharavathi	<i>Gonoproktopterus dubius</i>	E	EN	Cyprinidae
90	74.93	14.46	Joginmatha	+	+	Sharavathi	<i>Gonoproktopterus kolus</i>	E	EN	Cyprinidae
91	74.93	14.46	Joginmatha		+	Sharavathi	<i>Mystus malabaricus</i>	E	EN	Bagridae
92	74.93	14.46	Joginmatha		+	Sharavathi	<i>Labeo kawrus</i>	E	LC	Cyprinidae
93	74.93	14.46	Joginmatha		+	Sharavathi	<i>Oreochthys cosuatis</i>	E	LC	Cyprinidae
94	74.93	14.46	Joginmatha		+	Sharavathi	<i>Puntius fasciatus</i>	E	LC	Cyprinidae
95	74.93	14.46	Joginmatha	+	+	Sharavathi	<i>Puntius filamentosus</i>	E	LC	Cyprinidae
96	74.93	14.46	Joginmatha		+	Sharavathi	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
97	74.93	14.46	Joginmatha	+	+	Sharavathi	<i>Rasbora daniconius</i>	E	LC	Cyprinidae

ANNEXURE II: Fauna of Uttara Kannada district

98	74.93	14.46	Joginmatha	+	+	Sharavathi	<i>Salmostoma boopis</i>	E	LC	Cyprinidae
99	74.93	14.46	Joginmatha		+	Sharavathi	<i>Salmostoma clupeoides</i>	E	LC	Cyprinidae
100	74.93	14.46	Joginmatha	+	+	Sharavathi	<i>Danio aequipinnatus</i>	E	VU	Cyprinidae
101	74.93	14.46	Joginmatha		+	Sharavathi	<i>Puntius sophore</i>	E	VU	Cyprinidae
102	74.93	14.46	Joginmatha		+	Sharavathi	<i>Puntius ticto</i>	E	VU	Cyprinidae
103	74.93	14.46	Joginmatha		+	Sharavathi	<i>Labeo fimbriatus</i>	E	LT-n	Cyprinidae
104	74.93	14.46	Joginmatha		+	Sharavathi	<i>Mystus cavasius</i>	E	LT-n	Bagridae
105	74.93	14.46	Joginmatha	+	+	Sharavathi	<i>Garra gotyla stenorhynchus</i>	E	VU	Cyprinidae
106	74.93	14.46	Joginmatha	+	+	Sharavathi	<i>Parambassis thomassi</i>	E	VU	Chandidae
107	74.93	14.46	Joginmatha		+	Sharavathi	<i>Tor khudree</i>	E	VU	Cyprinidae
108	74.96	14.71	Balur		+	Aghnashini	<i>Bhavana australis</i>	E	EN/N	Balitoridae
109	74.96	14.71	Balur		+	Aghnashini	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
110	75.00	14.34	Chaina gate		+	Sharavathi	<i>Puntius narayani</i>	E	CR	Cyprinidae
111	75.00	14.34	Chaina gate	+	+	Sharavathi	<i>Gonoproktopterus dubius</i>	E	EN	Cyprinidae
112	75.00	14.34	Chaina gate	+	+	Sharavathi	<i>Gonoproktopterus kolus</i>	E	EN	Cyprinidae
113	75.00	14.34	Chaina gate		+	Sharavathi	<i>Mystus malabaricus</i>	E	EN	Bagridae
114	75.00	14.34	Chaina gate		+	Sharavathi	<i>Labeo kawrus</i>	E	LC	Cyprinidae
115	75.00	14.34	Chaina gate		+	Sharavathi	<i>Oreochthys cosuatis</i>	E	LC	Cyprinidae
116	75.00	14.34	Chaina gate		+	Sharavathi	<i>Puntius fasciatus</i>	E	LC	Cyprinidae
117	75.00	14.34	Chaina gate	+	+	Sharavathi	<i>Puntius filamentosus</i>	E	LC	Cyprinidae
118	75.00	14.34	Chaina gate		+	Sharavathi	<i>Puntius sahyadriensis</i>	E	LC	Cyprinidae
119	75.00	14.34	Chaina gate	+	+	Sharavathi	<i>Rasbora daniconius</i>	E	LC	Cyprinidae
120	75.00	14.34	Chaina gate	+	+	Sharavathi	<i>Salmostoma boopis</i>	E	LC	Cyprinidae
121	75.00	14.34	Chaina gate		+	Sharavathi	<i>Salmostoma clupeoides</i>	E	LC	Cyprinidae
122	75.00	14.34	Chaina gate	+	+	Sharavathi	<i>Danio aequipinnatus</i>	E	VU	Cyprinidae
123	75.00	14.34	Chaina gate		+	Sharavathi	<i>Puntius sophore</i>	E	VU	Cyprinidae
124	75.00	14.34	Chaina gate		+	Sharavathi	<i>Puntius ticto</i>	E	VU	Cyprinidae
125	75.00	14.34	Chaina gate		+	Sharavathi	<i>Pristolepis marginata</i>	E/I	VU	Nandidae
126	75.00	14.34	Chaina gate		+	Sharavathi	<i>Labeo fimbriatus</i>	E	LT-n	Cyprinidae
127	75.00	14.34	Chaina gate		+	Sharavathi	<i>Mystus cavasius</i>	E	LT-n	Bagridae
128	75.00	14.34	Chaina gate	+	+	Sharavathi	<i>Garra gotyla stenorhynchus</i>	E	VU	Cyprinidae
129	75.00	14.34	Chaina gate	+	+	Sharavathi	<i>Parambassis thomassi</i>	E	VU	Chandidae
130	75.00	14.34	Chaina gate		+	Sharavathi	<i>Tor khudree</i>	E	VU	Cyprinidae

Fish- Nonendemic										
S.no	Longitude	Latitude	Locations	Down stream	Up stream	River	Scientific name	E / NE	IUCN_India	Family
1	74.41	15.01	Kadra	+		Kali	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
2	74.41	15.01	Kadra	+	+	Kali	<i>Puntius amphibius</i>	NE	DD	Cyprinidae

ANNEXURE II: Fauna of Uttara Kannada district

3	74.41	15.01	Kadra	+	+	Kali	<i>Mystus malabaricus</i>	NE	EN	Bagridae
4	74.41	15.01	Kadra	+	+	Kali	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
5	74.41	15.01	Kadra	+	+	Kali	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae
6	74.41	15.01	Kadra	+	+	Kali	<i>Chanda nama</i>	NE	LC	Chandidae
7	74.41	15.01	Kadra	+		Kali	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
8	74.41	15.01	Kadra	+	+	Kali	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
9	74.41	15.01	Kadra	+		Kali	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
10	74.41	15.01	Kadra	+		Kali	<i>Mugil cephalus</i>	NE	LC	Mugilidae
11	74.41	15.01	Kadra	+	+	Kali	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
12	74.41	15.01	Kadra	+	+	Kali	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
13	74.41	15.01	Kadra	+	+	Kali	<i>Puntius sarana</i>	NE	LC	Cyprinidae
14	74.41	15.01	Kadra	+	+	Kali	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
15	74.41	15.01	Kadra	+	+	Kali	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
16	74.41	15.01	Kadra	+	+	Kali	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
17	74.41	15.01	Kadra	+	+	Kali	<i>Glossogobius giuris</i>	NE	EN	Gobidae
18	74.41	15.01	Kadra	+	+	Kali	<i>Garra gotyla stenorrhynchus</i>	NE	VU	Cyprinidae
19	74.41	15.01	Kadra	+	+	Kali	<i>Parambassis thomassi</i>	NE	VU	Chandidae
20	74.58	15.44	Ganeshgudi	+		Kali	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
21	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
22	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Mystus malabaricus</i>	NE	EN	Bagridae
23	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
24	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae
25	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Chanda nama</i>	NE	LC	Chandidae
26	74.58	15.44	Ganeshgudi	+		Kali	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
27	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
28	74.58	15.44	Ganeshgudi	+		Kali	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
29	74.58	15.44	Ganeshgudi	+		Kali	<i>Mugil cephalus</i>	NE	LC	Mugilidae
30	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
31	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
32	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Puntius sarana</i>	NE	LC	Cyprinidae
33	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
34	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
35	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
36	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Glossogobius giuris</i>	NE	EN	Gobidae
37	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Garra gotyla stenorrhynchus</i>	NE	VU	Cyprinidae
38	74.58	15.44	Ganeshgudi	+	+	Kali	<i>Parambassis thomassi</i>	NE	VU	Chandidae
39	74.59	14.89	Hoskambi	+		Bedthi	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
40	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Puntius narayani</i>	NE	CR	Cyprinidae
41	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
42	74.59	14.89	Hoskambi	+		Bedthi	<i>Gonoproktopterus curmuca</i>	NE	EN	Cyprinidae
43	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
44	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
45	74.59	14.89	Hoskambi	+		Bedthi	<i>Gonoproktopterus lithopodus</i>	NE	EN	Cyprinidae
46	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Mystus malabaricus</i>	NE	EN	Bagridae
47	74.59	14.89	Hoskambi	+		Bedthi	<i>Puntius arulius</i>	NE	EN	Cyprinidae

ANNEXURE II: Fauna of Uttara Kannada district

48	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
49	74.59	14.89	Hoskambi	+		Bedthi	<i>Badis badis</i>	NE	LC	Nandidae
50	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Chanda nama</i>	NE	LC	Chandidae
51	74.59	14.89	Hoskambi	+		Bedthi	<i>Labeo porcellus</i>	NE	LC	Cyprinidae
52	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
53	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
54	74.59	14.89	Hoskambi	+		Bedthi	<i>Puntius phutunio</i>	NE	LC	Cyprinidae
55	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
56	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
57	74.59	14.89	Hoskambi	+		Bedthi	<i>Channa striatus</i>	NE	LR-LC	Channidae
58	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
59	74.59	14.89	Hoskambi	+		Bedthi	<i>Glossogobius giuris</i>	NE	EN	Gobidae
60	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Puntius sophore</i>	NE	EN	Cyprinidae
61	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Garra gotyla stenorhynchus</i>	NE	VU	Cyprinidae
62	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Parambassis thomassi</i>	NE	VU	Chandidae
63	74.59	14.89	Hoskambi	+		Bedthi	<i>Puntius dorsalis</i>	NE	VU	Cyprinidae
64	74.59	14.89	Hoskambi	+	+	Bedthi	<i>Tor khudree</i>	NE	VU	Cyprinidae
65	74.61	15.13	Nujji	+		Kali	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
66	74.61	15.13	Nujji	+	+	Kali	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
67	74.61	15.13	Nujji	+	+	Kali	<i>Mystus malabaricus</i>	NE	EN	Bagridae
68	74.61	15.13	Nujji	+	+	Kali	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
69	74.61	15.13	Nujji	+	+	Kali	<i>Aplocheilichthys lineatus</i>	NE	LC	Aplocheilidae
70	74.61	15.13	Nujji	+	+	Kali	<i>Chanda nama</i>	NE	LC	Chandidae
71	74.61	15.13	Nujji	+		Kali	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
72	74.61	15.13	Nujji	+	+	Kali	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
73	74.61	15.13	Nujji	+		Kali	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
74	74.61	15.13	Nujji	+		Kali	<i>Mugil cephalus</i>	NE	LC	Mugilidae
75	74.61	15.13	Nujji	+	+	Kali	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
76	74.61	15.13	Nujji	+	+	Kali	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
77	74.61	15.13	Nujji	+	+	Kali	<i>Puntius sarana</i>	NE	LC	Cyprinidae
78	74.61	15.13	Nujji	+	+	Kali	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
79	74.61	15.13	Nujji	+	+	Kali	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
80	74.61	15.13	Nujji	+	+	Kali	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
81	74.61	15.13	Nujji	+	+	Kali	<i>Glossogobius giuris</i>	NE	EN	Gobidae
82	74.61	15.13	Nujji	+	+	Kali	<i>Garra gotyla stenorhynchus</i>	NE	VU	Cyprinidae
83	74.61	15.13	Nujji	+	+	Kali	<i>Parambassis thomassi</i>	NE	VU	Chandidae
84	74.62	14.40	Allanki	+		Sharavathi	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
85	74.62	14.40	Allanki	+	+	Sharavathi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
86	74.62	14.40	Allanki	+	+	Sharavathi	<i>Chanda nama</i>	NE	LC	Chandidae
87	74.62	14.40	Allanki	+		Sharavathi	<i>Megalops cyprinoides</i>	NE	LC	Megalopidae
88	74.62	14.40	Allanki	+		Sharavathi	<i>Puntius sarana</i>	NE	LC	Cyprinidae
89	74.62	14.40	Allanki	+		Sharavathi	<i>Nandus nandus</i>	NE	EN	Nandidae
90	74.63	14.44	Kirtigadde	+		Aghnashini	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
91	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Puntius narayani</i>	NE	CR	Cyprinidae
92	74.63	14.44	Kirtigadde	+		Aghnashini	<i>Arius caelatus</i>	NE	DD	Arridae

ANNEXURE II: Fauna of Uttara Kannada district

93	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
94	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
95	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Mystus malabaricus</i>	NE	EN	Bagridae
96	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
97	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheilidae
98	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Chanda nama</i>	NE	LC	Chandidae
99	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
100	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
101	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Puntius sarana</i>	NE	LC	Cyprinidae
102	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
103	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
104	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
105	74.63	14.44	Kirtigadde	+	+	Aghnashini	<i>Glossogobius giuris</i>	NE	EN	Gobidae
106	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Puntius sophore</i>	NE	EN	Cyprinidae
107	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Puntius ticto</i>	NE	EN	Cyprinidae
108	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Mystus cavasius</i>	NE	EN	Bagridae
109	74.63	14.44	Kirtigadde	+	+	Aghnashini	<i>Oreochromis mossambicus</i>	NE	NT	Cichlidae
110	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Garra gotyla stenorhynchus</i>	NE	VU	Cyprinidae
111	74.63	14.63	Kirtigadde	+	+	Aghnashini	<i>Parabassia thomassi</i>	NE	VU	Chandidae
112	74.63	14.44	Kirtigadde	+	+	Aghnashini	<i>Tor khudree</i>	NE	VU	Cyprinidae
113	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Channa orientalis</i>	NE	NE	Channidae
114	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Schistura denisonii denisonii</i>	NE	NE	Balitoridae
115	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Ompok bimaculatus</i>	NE	NT	Siluridae
116	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Mystus malabaricus</i>	NE	NT	Bagridae
117	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Danio aequipinnatus</i>	NE	DD	Cyprinidae
118	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Puntius sp.</i>	NE	DD	Cyprinidae
119	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Schistura sp.</i>	NE	DD	Balitoridae
120	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Schistura sp.</i>	NE	DD	Balitoridae
121	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Monopterus sp.</i>	NE	DD	Synbranchidae
122	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Puntius ticto</i>	NE	LC	Cyprinidae
123	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
124	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheilidae
125	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae

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126	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
127	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Garra gotyla stenorhynchus</i>	NE	LC	Cyprinidae
128	74.68	14.35	Dandeli	-	-	Myristica swamps	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
129	74.69	15.43	Dandeli		+	Kali	<i>Puntius bovanicus</i>	NE	CR	Cyprinidae
130	74.69	15.43	Dandeli		+	Kali	<i>Puntius narayani</i>	NE	CR	Cyprinidae
131	74.69	15.43	Dandeli		+	Kali	<i>Aphanius dispar</i>	NE	DD	Poeciliidae
132	74.69	15.43	Dandeli	+	+	Kali	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
133	74.69	15.43	Dandeli		+	Kali	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
134	74.69	15.43	Dandeli		+	Kali	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
135	74.69	15.43	Dandeli		+	Kali	<i>Gonoproktopterus micropogon</i>	NE	EN	Cyprinidae
136	74.69	15.43	Dandeli	+	+	Kali	<i>Mystus malabaricus</i>	NE	EN	Bagridae
137	74.69	15.43	Dandeli		+	Kali	<i>Osteocheilus nashii</i>	NE	EN	Cyprinidae
138	74.69	15.43	Dandeli	+	+	Kali	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
139	74.69	15.43	Dandeli		+	Kali	<i>Ompok bimaculatus</i>	NE	EN/N	Siluridae
140	74.69	15.43	Dandeli	+	+	Kali	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae
141	74.69	15.43	Dandeli	+	+	Kali	<i>Chanda nama</i>	NE	LC	Chandidae
142	74.69	15.43	Dandeli		+	Kali	<i>Labeo boggut</i>	NE	LC	Cyprinidae
143	74.69	15.43	Dandeli	+	+	Kali	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
144	74.69	15.43	Dandeli		+	Kali	<i>Labeo spp.</i>	NE	LC	Cyprinidae
145	74.69	15.43	Dandeli		+	Kali	<i>Lepidocephalus thermalis</i>	NE	LC	Cobitidae
146	74.69	15.43	Dandeli		+	Kali	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
147	74.69	15.43	Dandeli	+	+	Kali	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
148	74.69	15.43	Dandeli	+	+	Kali	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
149	74.69	15.43	Dandeli	+	+	Kali	<i>Puntius sarana</i>	NE	LC	Cyprinidae
150	74.69	15.43	Dandeli	+	+	Kali	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
151	74.69	15.43	Dandeli	+	+	Kali	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
152	74.69	15.43	Dandeli	+	+	Kali	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
153	74.69	15.43	Dandeli		+	Kali	<i>Danio sp.</i>	NE	EN	Cyprinidae
154	74.69	15.43	Dandeli		+	Kali	<i>Esomus danrichus</i>	NE	EN	Cyprinidae
155	74.69	15.43	Dandeli	+	+	Kali	<i>Glossogobius giuris</i>	NE	EN	Gobidae
156	74.69	15.43	Dandeli		+	Kali	<i>Puntius sophore</i>	NE	EN	Cyprinidae
157	74.69	15.43	Dandeli		+	Kali	<i>Puntius ticto</i>	NE	EN	Cyprinidae
158	74.69	15.43	Dandeli		+	Kali	<i>Mystus cavasius</i>	NE	EN	Bagridae
159	74.69	15.43	Dandeli		+	Kali	<i>Cyprinus carpio</i>	NE	VU	Cyprinidae
160	74.69	15.43	Dandeli	+	+	Kali	<i>Garra gotyla stenorhynchus</i>	NE	VU	Cyprinidae
161	74.69	15.43	Dandeli	+	+	Kali	<i>Parambassis thomassi</i>	NE	VU	Chandidae
162	74.69	15.43	Dandeli		+	Kali	<i>Puntius chola</i>	NE	VU	Cyprinidae
163	74.69	15.43	Dandeli		+	Kali	<i>Puntius chola</i>	NE	VU	Cyprinidae
164	74.69	15.43	Dandeli		+	Kali	<i>Tor khudree</i>	NE	VU	Cyprinidae
165	74.70	14.39	Gersoppa nursery	+	+	Sharavathi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae

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166	74.70	14.39	Gersoppa nursery	+	+	Sharavathi	<i>Chanda nama</i>	NE	LC	Chandidae
167	74.73	15.35	Maulangi		+	Kali	<i>Puntius narayani</i>	NE	CR	Cyprinidae
168	74.73	15.35	Maulangi	+	+	Kali	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
169	74.73	15.35	Maulangi		+	Kali	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
170	74.73	15.35	Maulangi		+	Kali	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
171	74.73	15.35	Maulangi		+	Kali	<i>Gonoproktopterus micropogon</i>	NE	EN	Cyprinidae
172	74.73	15.35	Maulangi	+	+	Kali	<i>Mystus malabaricus</i>	NE	EN	Bagridae
173	74.73	15.35	Maulangi	+	+	Kali	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
174	74.73	15.35	Maulangi	+	+	Kali	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae
175	74.73	15.35	Maulangi	+	+	Kali	<i>Chanda nama</i>	NE	LC	Chandidae
176	74.73	15.35	Maulangi	+	+	Kali	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
177	74.73	15.35	Maulangi		+	Kali	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
178	74.73	15.35	Maulangi	+	+	Kali	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
179	74.73	15.35	Maulangi	+	+	Kali	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
180	74.73	15.35	Maulangi	+	+	Kali	<i>Puntius sarana</i>	NE	LC	Cyprinidae
181	74.73	15.35	Maulangi	+	+	Kali	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
182	74.73	15.35	Maulangi	+	+	Kali	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
183	74.73	15.35	Maulangi	+	+	Kali	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
184	74.73	15.35	Maulangi		+	Kali	<i>Danio sp.</i>	NE	EN	Cyprinidae
185	74.73	15.35	Maulangi	+	+	Kali	<i>Glossogobius giuris</i>	NE	EN	Gobidae
186	74.73	15.35	Maulangi		+	Kali	<i>Puntius sophore</i>	NE	EN	Cyprinidae
187	74.73	15.35	Maulangi		+	Kali	<i>Puntius ticto</i>	NE	EN	Cyprinidae
188	74.73	15.35	Maulangi		+	Kali	<i>Mystus cavasius</i>	NE	EN	Bagridae
189	74.73	15.35	Maulangi		+	Kali	<i>Cyprinus carpio</i>	NE	VU	Cyprinidae
190	74.73	15.35	Maulangi	+	+	Kali	<i>Garra gotyla stenorrhynchus</i>	NE	VU	Cyprinidae
191	74.73	15.35	Maulangi	+	+	Kali	<i>Parambassis thomassi</i>	NE	VU	Chandidae
192	74.73	15.35	Maulangi		+	Kali	<i>Puntius chola</i>	NE	VU	Cyprinidae
193	74.73	15.35	Maulangi		+	Kali	<i>Tor khudree</i>	NE	VU	Cyprinidae
194	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Channa orientalis</i>	NE	NE	Channidae
195	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Schistura denisonii denisonii</i>	NE	NE	Balitoridae
196	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Ompok bimaculatus</i>	NE	NT	Siluridae
197	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Mystus malabaricus</i>	NE	NT	Bagridae
198	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Danio aequipinnatus</i>	NE	DD	Cyprinidae
199	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Puntius sp.</i>	NE	DD	Cyprinidae
200	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Schistura sp.</i>	NE	DD	Balitoridae
201	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Schistura sp.</i>	NE	DD	Balitoridae

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202	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Monopterus sp.</i>	NE	DD	Synbranchidae
203	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Puntius ticto</i>	NE	LC	Cyprinidae
204	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
205	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheilidae
206	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
207	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
208	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Garra gotyla stenorhynchus</i>	NE	LC	Cyprinidae
209	74.74	14.27	Maulangi	-	-	Myristica swamps	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
210	74.74	15.01	Ramanguli	+		Bedthi	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
211	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Puntius narayani</i>	NE	CR	Cyprinidae
212	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
213	74.74	15.01	Ramanguli	+		Bedthi	<i>Gonoproktopterus curmuca</i>	NE	EN	Cyprinidae
214	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
215	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
216	74.74	15.01	Ramanguli	+		Bedthi	<i>Gonoproktopterus lithopodus</i>	NE	EN	Cyprinidae
217	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Mystus malabaricus</i>	NE	EN	Bagridae
218	74.74	15.01	Ramanguli	+		Bedthi	<i>Puntius arulius</i>	NE	EN	Cyprinidae
219	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
220	74.74	15.01	Ramanguli	+		Bedthi	<i>Badis badis</i>	NE	LC	Nandidae
221	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Chanda nama</i>	NE	LC	Chandidae
222	74.74	15.01	Ramanguli	+		Bedthi	<i>Labeo porcellus</i>	NE	LC	Cyprinidae
223	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
224	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
225	74.74	15.01	Ramanguli	+		Bedthi	<i>Puntius phutunio</i>	NE	LC	Cyprinidae
226	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
227	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
228	74.74	15.01	Ramanguli	+		Bedthi	<i>Channa striatus</i>	NE	LR-LC	Channidae
229	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
230	74.74	15.01	Ramanguli	+		Bedthi	<i>Glossogobius giuris</i>	NE	EN	Gobidae
231	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Puntius sophore</i>	NE	EN	Cyprinidae
232	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Garra gotyla stenorhynchus</i>	NE	VU	Cyprinidae
233	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Parambassis thomassi</i>	NE	VU	Chandidae
234	74.74	15.01	Ramanguli	+		Bedthi	<i>Puntius dorsalis</i>	NE	VU	Cyprinidae
235	74.74	15.01	Ramanguli	+	+	Bedthi	<i>Tor khudree</i>	NE	VU	Cyprinidae
236	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Channa orientalis</i>	NE	NE	Channidae
237	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Schistura denisonii denisonii</i>	NE	NE	Balitoridae

ANNEXURE II: Fauna of Uttara Kannada district

238	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Ompok bimaculatus</i>	NE	NT	Siluridae
239	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Mystus malabaricus</i>	NE	NT	Bagridae
240	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Danio aequipinnatus</i>	NE	DD	Cyprinidae
241	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Puntius sp.</i>	NE	DD	Cyprinidae
242	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Schistura sp.</i>	NE	DD	Balitoridae
243	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Schistura sp.</i>	NE	DD	Balitoridae
244	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Monopterus sp.</i>	NE	DD	Synbranchidae
245	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Puntius ticto</i>	NE	LC	Cyprinidae
246	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
247	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheilidae
248	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
249	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
250	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Garra gotyla stenorrhynchus</i>	NE	LC	Cyprinidae
251	74.75	14.28	Katle khan	-	-	Myristica swamps	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
252	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
253	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Puntius narayani</i>	NE	CR	Cyprinidae
254	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Arius caelatus</i>	NE	DD	Arridae
255	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Puntius amphibiis</i>	NE	DD	Cyprinidae
256	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
257	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Mystus malabaricus</i>	NE	EN	Bagridae
258	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
259	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Ompok bimaculatus</i>	NE	EN/N	Siluridae
260	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae
261	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Chanda nama</i>	NE	LC	Chandidae
262	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Eleotris canarensis</i>	NE	LC	Eleotridae
263	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Glyptothorax annandalei</i>	NE	LC	Sisoridae
264	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Labeo spp.</i>	NE	LC	Cyprinidae
265	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Lepidocephalus thermalis</i>	NE	LC	Cobitidae
266	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
267	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Nemacheilus anguilla</i>	NE	LC	Ballitoridae
268	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Nemacheilus denisonii</i>	NE	LC	Ballitoridae
269	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Nemacheilus rupelli</i>	NE	LC	Ballitoridae

ANNEXURE II: Fauna of Uttara Kannada district

270	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Puntius bimaculatus</i>	NE	LC	Cyprinidae
271	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
272	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Puntius sarana</i>	NE	LC	Cyprinidae
273	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
274	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
275	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Hyporhamphus limbatus</i>	NE	LR-LC	Hemiramphidae
276	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Brachydanio rerio</i>	NE	EN	Cyprinidae
277	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
278	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Glossogobius giuris</i>	NE	EN	Gobidae
279	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Puntius sophore</i>	NE	EN	Cyprinidae
280	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Puntius ticto</i>	NE	EN	Cyprinidae
281	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Xenotodon cancila</i>	NE	EN	Belonidae
282	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Mystus cavasius</i>	NE	EN	Bagridae
283	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Oreochromis mossambicus</i>	NE	NT	Cichlidae
284	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Garra gotyla stenorhynchus</i>	NE	VU	Cyprinidae
285	74.77	14.58	Hulidevarakodlu	+	+	Aghnashini	<i>Parambassis thomassi</i>	NE	VU	Chandidae
286	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Tor khudree</i>	NE	VU	Cyprinidae
287	74.77	14.58	Hulidevarakodlu	+		Aghnashini	<i>Puntius conchoni</i>	NE	VU/N	Cyprinidae
288	74.78	14.97	Patnahole	+		Bedthi	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
289	74.78	14.97	Patnahole	+	+	Bedthi	<i>Puntius narayani</i>	NE	CR	Cyprinidae
290	74.78	14.97	Patnahole	+	+	Bedthi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
291	74.78	14.97	Patnahole	+		Bedthi	<i>Gonoproktopterus curmuca</i>	NE	EN	Cyprinidae
292	74.78	14.97	Patnahole	+	+	Bedthi	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
293	74.78	14.97	Patnahole	+	+	Bedthi	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
294	74.78	14.97	Patnahole	+		Bedthi	<i>Gonoproktopterus lithopodus</i>	NE	EN	Cyprinidae
295	74.78	14.97	Patnahole	+	+	Bedthi	<i>Mystus malabaricus</i>	NE	EN	Bagridae
296	74.78	14.97	Patnahole	+		Bedthi	<i>Puntius arulius</i>	NE	EN	Cyprinidae
297	74.78	14.97	Patnahole	+	+	Bedthi	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
298	74.78	14.97	Patnahole	+		Bedthi	<i>Badis badis</i>	NE	LC	Nandidae
299	74.78	14.97	Patnahole	+	+	Bedthi	<i>Chanda nama</i>	NE	LC	Chandidae
300	74.78	14.97	Patnahole	+		Bedthi	<i>Labeo porcellus</i>	NE	LC	Cyprinidae
301	74.78	14.97	Patnahole	+	+	Bedthi	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
302	74.78	14.97	Patnahole	+	+	Bedthi	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
303	74.78	14.97	Patnahole	+		Bedthi	<i>Puntius phutunio</i>	NE	LC	Cyprinidae
304	74.78	14.97	Patnahole	+	+	Bedthi	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
305	74.78	14.97	Patnahole	+	+	Bedthi	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
306	74.78	14.97	Patnahole	+		Bedthi	<i>Channa striatus</i>	NE	LR-LC	Channidae
307	74.78	14.97	Patnahole	+	+	Bedthi	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
308	74.78	14.97	Patnahole	+		Bedthi	<i>Glossogobius giuris</i>	NE	EN	Gobidae
309	74.78	14.97	Patnahole	+	+	Bedthi	<i>Puntius sophore</i>	NE	EN	Cyprinidae
310	74.78	14.97	Patnahole	+	+	Bedthi	<i>Garra gotyla stenorhynchus</i>	NE	VU	Cyprinidae
311	74.78	14.97	Patnahole	+	+	Bedthi	<i>Parambassis thomassi</i>	NE	VU	Chandidae
312	74.78	14.97	Patnahole	+		Bedthi	<i>Puntius dorsalis</i>	NE	VU	Cyprinidae
313	74.78	14.97	Patnahole	+	+	Bedthi	<i>Tor khudree</i>	NE	VU	Cyprinidae
314	74.79	14.27		-	-	Myristica	<i>Channa orientalis</i>	NE	NE	Channidae

ANNEXURE II: Fauna of Uttara Kannada district

						swamps				
315	74.79	14.27		-	-	Myristica swamps	<i>Channa orientalis</i>	NE	NE	Channidae
316	74.79	14.27		-	-	Myristica swamps	<i>Schistura denisonii denisonii</i>	NE	NE	Balitoridae
317	74.79	14.27		-	-	Myristica swamps	<i>Schistura denisonii denisonii</i>	NE	NE	Balitoridae
318	74.79	14.27		-	-	Myristica swamps	<i>Ompok bimaculatus</i>	NE	NT	Siluridae
319	74.79	14.27		-	-	Myristica swamps	<i>Ompok bimaculatus</i>	NE	NT	Siluridae
320	74.79	14.27		-	-	Myristica swamps	<i>Mystus malabaricus</i>	NE	NT	Bagridae
321	74.79	14.27		-	-	Myristica swamps	<i>Mystus malabaricus</i>	NE	NT	Bagridae
322	74.79	14.27		-	-	Myristica swamps	<i>Danio aequipinnatus</i>	NE	DD	Cyprinidae
323	74.79	14.27		-	-	Myristica swamps	<i>Danio aequipinnatus</i>	NE	DD	Cyprinidae
324	74.79	14.27		-	-	Myristica swamps	<i>Puntius sp.</i>	NE	DD	Cyprinidae
325	74.79	14.27		-	-	Myristica swamps	<i>Schistura sp.</i>	NE	DD	Balitoridae
326	74.79	14.27		-	-	Myristica swamps	<i>Schistura sp.</i>	NE	DD	Balitoridae
327	74.79	14.27		-	-	Myristica swamps	<i>Monopterus sp.</i>	NE	DD	Synbranchidae
328	74.79	14.27		-	-	Myristica swamps	<i>Puntius sp.</i>	NE	DD	Cyprinidae
329	74.79	14.27		-	-	Myristica swamps	<i>Schistura sp.</i>	NE	DD	Balitoridae
330	74.79	14.27		-	-	Myristica swamps	<i>Schistura sp.</i>	NE	DD	Balitoridae
331	74.79	14.27		-	-	Myristica swamps	<i>Monopterus sp.</i>	NE	DD	Synbranchidae
332	74.79	14.27		-	-	Myristica swamps	<i>Puntius ticto</i>	NE	LC	Cyprinidae
333	74.79	14.27		-	-	Myristica swamps	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
334	74.79	14.27		-	-	Myristica swamps	<i>Puntius ticto</i>	NE	LC	Cyprinidae
335	74.79	14.27		-	-	Myristica swamps	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
336	74.79	14.27		-	-	Myristica swamps	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheilidae
337	74.79	14.27		-	-	Myristica	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae

ANNEXURE II: Fauna of Uttara Kannada district

						swamps				
338	74.79	14.27		-	-	Myristica swamps	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
339	74.79	14.27		-	-	Myristica swamps	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheilidae
340	74.79	14.27		-	-	Myristica swamps	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
341	74.79	14.27		-	-	Myristica swamps	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
342	74.79	14.27		-	-	Myristica swamps	<i>Garra gotyla stenorrhynchus</i>	NE	LC	Cyprinidae
343	74.79	14.27		-	-	Myristica swamps	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
344	74.79	14.27		-	-	Myristica swamps	<i>Garra gotyla stenorrhynchus</i>	NE	LC	Cyprinidae
345	74.79	14.27		-	-	Myristica swamps	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
346	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Puntius narayani</i>	NE	CR	Cyprinidae
347	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
348	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
349	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
350	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Mystus malabaricus</i>	NE	EN	Bagridae
351	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
352	74.83	15.01	Bedthi bridge		+	Bedthi	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheilidae
353	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Chanda nama</i>	NE	LC	Chandidae
354	74.83	15.01	Bedthi bridge		+	Bedthi	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
355	74.83	15.01	Bedthi bridge		+	Bedthi	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
356	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
357	74.83	15.01	Bedthi bridge		+	Bedthi	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
358	74.83	15.01	Bedthi bridge		+	Bedthi	<i>Puntius carnaticus</i>	NE	LC	Cyprinidae
359	74.83	15.01	Bedthi bridge		+	Bedthi	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
360	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
361	74.83	15.01	Bedthi bridge		+	Bedthi	<i>Puntius sarana</i>	NE	LC	Cyprinidae
362	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
363	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
364	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
365	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Puntius sophore</i>	NE	EN	Cyprinidae
366	74.83	15.01	Bedthi bridge		+	Bedthi	<i>Puntius ticto</i>	NE	EN	Cyprinidae
367	74.83	15.01	Bedthi bridge		+	Bedthi	<i>Mystus cavasius</i>	NE	EN	Bagridae
368	74.83	15.01	Bedthi bridge		+	Bedthi	<i>Clarias batrachus</i>	NE	VU	Clariidae
369	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Garra gotyla stenorrhynchus</i>	NE	VU	Cyprinidae
370	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Parambassis thomassi</i>	NE	VU	Chandidae
371	74.83	15.01	Bedthi bridge	+	+	Bedthi	<i>Tor khudree</i>	NE	VU	Cyprinidae
372	74.85	14.46	Jogfall	+	+	Sharavathi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
373	74.85	14.46	Jogfall		+	Sharavathi	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheilidae

ANNEXURE II: Fauna of Uttara Kannada district

374	74.85	14.46	Jogfall	+	+	Sharavathi	<i>Chanda nama</i>	NE	LC	Chandidae
375	74.85	14.46	Jogfall		+	Sharavathi	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
376	74.85	14.46	Jogfall		+	Sharavathi	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
377	74.85	14.46	Jogfall		+	Sharavathi	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
378	74.86	15.11	Kumbri	+	+	Bedthi	<i>Puntius narayani</i>	NE	CR	Cyprinidae
379	74.86	15.11	Kumbri	+	+	Bedthi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
380	74.86	15.11	Kumbri	+	+	Bedthi	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
381	74.86	15.11	Kumbri	+	+	Bedthi	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
382	74.86	15.11	Kumbri	+	+	Bedthi	<i>Mystus malabaricus</i>	NE	EN	Bagridae
383	74.86	15.11	Kumbri	+	+	Bedthi	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
384	74.86	15.11	Kumbri		+	Bedthi	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae
385	74.86	15.11	Kumbri	+	+	Bedthi	<i>Chanda nama</i>	NE	LC	Chandidae
386	74.86	15.11	Kumbri		+	Bedthi	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
387	74.86	15.11	Kumbri		+	Bedthi	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
388	74.86	15.11	Kumbri	+	+	Bedthi	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
389	74.86	15.11	Kumbri		+	Bedthi	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
390	74.86	15.11	Kumbri		+	Bedthi	<i>Puntius carnaticus</i>	NE	LC	Cyprinidae
391	74.86	15.11	Kumbri		+	Bedthi	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
392	74.86	15.11	Kumbri	+	+	Bedthi	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
393	74.86	15.11	Kumbri		+	Bedthi	<i>Puntius sarana</i>	NE	LC	Cyprinidae
394	74.86	15.11	Kumbri	+	+	Bedthi	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
395	74.86	15.11	Kumbri	+	+	Bedthi	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
396	74.86	15.11	Kumbri	+	+	Bedthi	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
397	74.86	15.11	Kumbri	+	+	Bedthi	<i>Puntius sophore</i>	NE	EN	Cyprinidae
398	74.86	15.11	Kumbri		+	Bedthi	<i>Puntius ticto</i>	NE	EN	Cyprinidae
399	74.86	15.11	Kumbri		+	Bedthi	<i>Mystus cavasius</i>	NE	EN	Bagridae
400	74.86	15.11	Kumbri		+	Bedthi	<i>Clarias batrachus</i>	NE	VU	Clariidae
401	74.86	15.11	Kumbri	+	+	Bedthi	<i>Garra gotyla stenorrhynchus</i>	NE	VU	Cyprinidae
402	74.86	15.11	Kumbri	+	+	Bedthi	<i>Parambassis thomassi</i>	NE	VU	Chandidae
403	74.86	15.11	Kumbri	+	+	Bedthi	<i>Tor khudree</i>	NE	VU	Cyprinidae
404	74.87	15.43	B.p.damsite		+	Kali	<i>Puntius narayani</i>	NE	CR	Cyprinidae
405	74.87	15.43	B.p.damsite	+	+	Kali	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
406	74.87	15.43	B.p.damsite		+	Kali	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
407	74.87	15.43	B.p.damsite		+	Kali	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
408	74.87	15.43	B.p.damsite		+	Kali	<i>Gonoproktopterus micropogon</i>	NE	EN	Cyprinidae
409	74.87	15.43	B.p.damsite	+	+	Kali	<i>Mystus malabaricus</i>	NE	EN	Bagridae
410	74.87	15.43	B.p.damsite	+	+	Kali	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
411	74.87	15.43	B.p.damsite	+	+	Kali	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae
412	74.87	15.43	B.p.damsite	+	+	Kali	<i>Chanda nama</i>	NE	LC	Chandidae
413	74.87	15.43	B.p.damsite	+	+	Kali	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
414	74.87	15.43	B.p.damsite		+	Kali	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
415	74.87	15.43	B.p.damsite	+	+	Kali	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
416	74.87	15.43	B.p.damsite	+	+	Kali	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
417	74.87	15.43	B.p.damsite	+	+	Kali	<i>Puntius sarana</i>	NE	LC	Cyprinidae

ANNEXURE II: Fauna of Uttara Kannada district

418	74.87	15.43	B.p.damsite	+	+	Kali	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
419	74.87	15.43	B.p.damsite	+	+	Kali	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
420	74.87	15.43	B.p.damsite	+	+	Kali	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
421	74.87	15.43	B.p.damsite		+	Kali	<i>Danio sp.</i>	NE	EN	Cyprinidae
422	74.87	15.43	B.p.damsite	+	+	Kali	<i>Glossogobius giuris</i>	NE	EN	Gobiidae
423	74.87	15.43	B.p.damsite		+	Kali	<i>Puntius sophore</i>	NE	EN	Cyprinidae
424	74.87	15.43	B.p.damsite		+	Kali	<i>Puntius ticto</i>	NE	EN	Cyprinidae
425	74.87	15.43	B.p.damsite		+	Kali	<i>Mystus cavasius</i>	NE	EN	Bagridae
426	74.87	15.43	B.p.damsite		+	Kali	<i>Cyprinus carpio</i>	NE	VU	Cyprinidae
427	74.87	15.43	B.p.damsite	+	+	Kali	<i>Garra gotyla stenorhynchus</i>	NE	VU	Cyprinidae
428	74.87	15.43	B.p.damsite	+	+	Kali	<i>Parambassis thomassi</i>	NE	VU	Chandidae
429	74.87	15.43	B.p.damsite		+	Kali	<i>Puntius chola</i>	NE	VU	Cyprinidae
430	74.87	15.43	B.p.damsite		+	Kali	<i>Tor khudree</i>	NE	VU	Cyprinidae
431	74.88	14.46	Manihole	+	+	Aghnashini	<i>Puntius narayani</i>	NE	CR	Cyprinidae
432	74.88	14.46	Manihole	+	+	Aghnashini	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
433	74.88	14.46	Manihole		+	Aghnashini	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
434	74.88	14.46	Manihole	+	+	Aghnashini	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
435	74.88	14.46	Manihole	+	+	Aghnashini	<i>Mystus malabaricus</i>	NE	EN	Bagridae
436	74.88	14.46	Manihole	+	+	Aghnashini	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
437	74.88	14.46	Manihole	+	+	Aghnashini	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae
438	74.88	14.46	Manihole	+	+	Aghnashini	<i>Chanda nama</i>	NE	LC	Chandidae
439	74.88	14.46	Manihole		+	Aghnashini	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
440	74.88	14.46	Manihole		+	Aghnashini	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
441	74.88	14.46	Manihole	+	+	Aghnashini	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
442	74.88	14.46	Manihole		+	Aghnashini	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
443	74.88	14.46	Manihole		+	Aghnashini	<i>Nemacheilus striatus</i>	NE	LC	Balitoridae
444	74.88	14.46	Manihole		+	Aghnashini	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
445	74.88	14.46	Manihole	+	+	Aghnashini	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
446	74.88	14.46	Manihole	+	+	Aghnashini	<i>Puntius sarana</i>	NE	LC	Cyprinidae
447	74.88	14.46	Manihole		+	Aghnashini	<i>Puntius vittatus</i>	NE	LC	Cyprinidae
448	74.88	14.46	Manihole	+	+	Aghnashini	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
449	74.88	14.46	Manihole	+	+	Aghnashini	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
450	74.88	14.46	Manihole	+	+	Aghnashini	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
451	74.88	14.46	Manihole	+	+	Aghnashini	<i>Puntius sophore</i>	NE	EN	Cyprinidae
452	74.88	14.46	Manihole	+	+	Aghnashini	<i>Puntius ticto</i>	NE	EN	Cyprinidae
453	74.88	14.46	Manihole	+	+	Aghnashini	<i>Mystus cavasius</i>	NE	EN	Bagridae
454	74.88	14.46	Manihole	+	+	Aghnashini	<i>Garra gotyla stenorhynchus</i>	NE	VU	Cyprinidae
455	74.88	14.46	Manihole	+	+	Aghnashini	<i>Parambassis thomassi</i>	NE	VU	Chandidae
456	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Puntius narayani</i>	NE	CR	Cyprinidae
457	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
458	74.88	14.62	Tattikai		+	Aghnashini	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
459	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
460	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Mystus malabaricus</i>	NE	EN	Bagridae
461	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
462	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae

ANNEXURE II: Fauna of Uttara Kannada district

463	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Chanda nama</i>	NE	LC	Chandidae
464	74.88	14.62	Tattikai		+	Aghnashini	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
465	74.88	14.62	Tattikai		+	Aghnashini	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
466	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
467	74.88	14.62	Tattikai		+	Aghnashini	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
468	74.88	14.62	Tattikai		+	Aghnashini	<i>Nemacheilus striatus</i>	NE	LC	Balitoridae
469	74.88	14.62	Tattikai		+	Aghnashini	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
470	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
471	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Puntius sarana</i>	NE	LC	Cyprinidae
472	74.88	14.62	Tattikai		+	Aghnashini	<i>Puntius vittatus</i>	NE	LC	Cyprinidae
473	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
474	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
475	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
476	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Puntius sophore</i>	NE	EN	Cyprinidae
477	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Puntius ticto</i>	NE	EN	Cyprinidae
478	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Mystus cavasius</i>	NE	EN	Bagridae
479	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Garra gotyla stenorhynchus</i>	NE	VU	Cyprinidae
480	74.88	14.62	Tattikai	+	+	Aghnashini	<i>Parabassia thomassi</i>	NE	VU	Chandidae
481	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Puntius bovanicus</i>	NE	CR	Cyprinidae
482	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Puntius narayani</i>	NE	CR	Cyprinidae
483	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Tor spp.</i>	NE	CR	Cyprinidae
484	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
485	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
486	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
487	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Mystus malabaricus</i>	NE	EN	Bagridae
488	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Osteobrama bakeri</i>	NE	EN	Cyprinidae
489	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Osteocheilus nashii</i>	NE	EN	Cyprinidae
490	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
491	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Ompok bimaculatus</i>	NE	EN/N	Siluridae
492	74.90	15.04	Ganeshpal		+	Bedthi	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheilidae
493	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Chanda nama</i>	NE	LC	Chandidae
494	74.90	15.04	Ganeshpal		+	Bedthi	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
495	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Glypto thorax annandalei</i>	NE	LC	Sisoridae
496	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Labeo boggut</i>	NE	LC	Cyprinidae
497	74.90	15.04	Ganeshpal		+	Bedthi	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
498	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Labeo spp.</i>	NE	LC	Cyprinidae
499	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Lepidocephalus thermalis</i>	NE	LC	Cobitidae
500	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
501	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Nemacheilus anguilla</i>	NE	LC	Ballitoridae
502	74.90	15.04	Ganeshpal		+	Bedthi	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
503	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Nemacheilus denisonii</i>	NE	LC	Ballitoridae
504	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Puntius bimaculatus</i>	NE	LC	Cyprinidae
505	74.90	15.04	Ganeshpal		+	Bedthi	<i>Puntius carnaticus</i>	NE	LC	Cyprinidae
506	74.90	15.04	Ganeshpal		+	Bedthi	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
507	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae

ANNEXURE II: Fauna of Uttara Kannada district

508	74.90	15.04	Ganeshpal		+	Bedthi	<i>Puntius sarana</i>	NE	LC	Cyprinidae
509	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
510	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
511	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Hyporhamphus limbatus</i>	NE	LR-LC	Hemiramphidae
512	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Brachydanio rerio</i>	NE	EN	Cyprinidae
513	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
514	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Esomus danrichus</i>	NE	EN	Cyprinidae
515	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Puntius sophore</i>	NE	EN	Cyprinidae
516	74.90	15.04	Ganeshpal		+	Bedthi	<i>Puntius ticto</i>	NE	EN	Cyprinidae
517	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Xenontodon cancila</i>	NE	EN	Belonidae
518	74.90	15.04	Ganeshpal		+	Bedthi	<i>Mystus cavasius</i>	NE	EN	Bagridae
519	74.90	15.04	Ganeshpal		+	Bedthi	<i>Clarias batrachus</i>	NE	VU	Claridae
520	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Garra gotyla stenorrhynchus</i>	NE	VU	Cyprinidae
521	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Parambassis thomassi</i>	NE	VU	Chandidae
522	74.90	15.04	Ganeshpal	+	+	Bedthi	<i>Tor khudree</i>	NE	VU	Cyprinidae
523	74.90	14.50	Bilgi bridge	+		Aghnashini	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
524	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Puntius narayani</i>	NE	CR	Cyprinidae
525	74.90	14.50	Bilgi bridge	+		Aghnashini	<i>Arius caelatus</i>	NE	DD	Arridae
526	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
527	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
528	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Mystus malabaricus</i>	NE	EN	Bagridae
529	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
530	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheilidae
531	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Chanda nama</i>	NE	LC	Chandidae
532	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
533	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
534	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Puntius sarana</i>	NE	LC	Cyprinidae
535	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
536	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
537	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Danio aequipinnatus</i>	NE	EN	Cyprinidae
538	74.90	14.50	Bilgi bridge	+		Aghnashini	<i>Glossogobius giuris</i>	NE	EN	Gobidae
539	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Puntius sophore</i>	NE	EN	Cyprinidae
540	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Puntius ticto</i>	NE	EN	Cyprinidae
541	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Mystus cavasius</i>	NE	EN	Bagridae
542	74.90	14.50	Bilgi bridge	+		Aghnashini	<i>Oreochromis mossambicus</i>	NE	NT	Cichlidae
543	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Garra gotyla stenorrhynchus</i>	NE	VU	Cyprinidae
544	74.90	14.50	Bilgi bridge	+	+	Aghnashini	<i>Parambassis thomassi</i>	NE	VU	Chandidae
545	74.90	14.50	Bilgi bridge	+		Aghnashini	<i>Tor khudree</i>	NE	VU	Cyprinidae
546	74.91	14.31	Gersoppa bate	+		Sharavathi	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
547	74.91	14.31	Gersoppa	+		Sharavathi	<i>Periophthalmus weberi</i>	NE	CR	Gobidae
548	74.91	14.31	Gersoppa bate	+	+	Sharavathi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
549	74.91	14.31	Gersoppa bate	+	+	Sharavathi	<i>Chanda nama</i>	NE	LC	Chandidae
550	74.91	14.31	Gersoppa bate	+		Sharavathi	<i>Megalops cyprinoides</i>	NE	LC	Megalopidae
551	74.91	14.31	Gersoppa nursery	+		Sharavathi	<i>Megalops cyprinoides</i>	NE	LC	Megalopidae

ANNEXURE II: Fauna of Uttara Kannada district

552	74.91	14.31	Gersoppa bate	+		Sharavathi	<i>Puntius sarana</i>	NE	LC	Cyprinidae
553	74.91	14.31	Gersoppa nursery	+		Sharavathi	<i>Puntius sarana</i>	NE	LC	Cyprinidae
554	74.91	14.31	Gersoppa bate	+		Sharavathi	<i>Nandus nandus</i>	NE	EN	Nandidae
555	74.91	14.31	Gersoppa nursery	+		Sharavathi	<i>Nandus nandus</i>	NE	EN	Nandidae
556	74.93	14.46	Joginmatha	+	+	Sharavathi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
557	74.93	14.46	Joginmatha		+	Sharavathi	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae
558	74.93	14.46	Joginmatha	+	+	Sharavathi	<i>Chanda nama</i>	NE	LC	Chandidae
559	74.93	14.46	Joginmatha		+	Sharavathi	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
560	74.93	14.46	Joginmatha		+	Sharavathi	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
561	74.93	14.46	Joginmatha		+	Sharavathi	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
562	74.96	14.71	Balur	+	+	Aghnashini	<i>Puntius narayani</i>	NE	CR	Cyprinidae
563	74.96	14.71	Balur	+	+	Aghnashini	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
564	74.96	14.71	Balur		+	Aghnashini	<i>Gonoproktopterus dubius</i>	NE	EN	Cyprinidae
565	74.96	14.71	Balur	+	+	Aghnashini	<i>Gonoproktopterus kolus</i>	NE	EN	Cyprinidae
566	74.96	14.71	Balur	+	+	Aghnashini	<i>Mystus malabaricus</i>	NE	EN	Bagridae
567	74.96	14.71	Balur	+	+	Aghnashini	<i>Puntius jerdoni</i>	NE	EN	Cyprinidae
568	74.96	14.71	Balur	+	+	Aghnashini	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae
569	74.96	14.71	Balur	+	+	Aghnashini	<i>Chanda nama</i>	NE	LC	Chandidae
570	74.96	14.71	Balur		+	Aghnashini	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
571	74.96	14.71	Balur		+	Aghnashini	<i>Labeo kawrus</i>	NE	LC	Cyprinidae
572	74.96	14.71	Balur	+	+	Aghnashini	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
573	74.96	14.71	Balur		+	Aghnashini	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
574	74.96	14.71	Balur		+	Aghnashini	<i>Nemacheilus striatus</i>	NE	LC	Balitoridae
575	74.96	14.71	Balur		+	Aghnashini	<i>Puntius fasciatus</i>	NE	LC	Cyprinidae
576	74.96	14.71	Balur	+	+	Aghnashini	<i>Puntius filamentosus</i>	NE	LC	Cyprinidae
577	74.96	14.71	Balur	+	+	Aghnashini	<i>Puntius sarana</i>	NE	LC	Cyprinidae
578	74.96	14.71	Balur		+	Aghnashini	<i>Puntius vittatus</i>	NE	LC	Cyprinidae
579	74.96	14.71	Balur	+	+	Aghnashini	<i>Rasbora daniconius</i>	NE	LC	Cyprinidae
580	74.96	14.71	Balur	+	+	Aghnashini	<i>Salmostoma boopis</i>	NE	LC	Cyprinidae
581	74.96	14.71	Balur	+	+	Aghnashini	<i>Danio aequipinnatus</i>	NE	lc	Cyprinidae
582	74.96	14.71	Balur	+	+	Aghnashini	<i>Puntius sophore</i>	NE	EN	Cyprinidae
583	74.96	14.71	Balur	+	+	Aghnashini	<i>Puntius ticto</i>	NE	EN	Cyprinidae
584	74.96	14.71	Balur	+	+	Aghnashini	<i>Mystus cavasius</i>	NE	EN	Bagridae
585	74.96	14.71	Balur	+	+	Aghnashini	<i>Garra gotyla stenorhynchus</i>	NE	VU	Cyprinidae
586	74.96	14.71	Balur	+	+	Aghnashini	<i>Parambassis thomassi</i>	NE	VU	Chandidae
587	75.00	14.34	Chaina gate	+	+	Sharavathi	<i>Puntius amphibius</i>	NE	DD	Cyprinidae
588	75.00	14.34	Chaina gate		+	Sharavathi	<i>Osteocheilus nashii</i>	NE	EN	Cyprinidae
589	75.00	14.34	Chaina gate		+	Sharavathi	<i>Aplocheilus lineatus</i>	NE	LC	Aplocheiidae
590	75.00	14.34	Chaina gate	+	+	Sharavathi	<i>Chanda nama</i>	NE	LC	Chandidae
591	75.00	14.34	Chaina gate		+	Sharavathi	<i>Cirrhinus fulungee</i>	NE	LC	Cyprinidae
592	75.00	14.34	Chaina gate		+	Sharavathi	<i>Eleotris canarensis</i>	NE	LC	Eleotridae
593	75.00	14.34	Chaina gate		+	Sharavathi	<i>Labeo boggut</i>	NE	LC	Cyprinidae
594	75.00	14.34	Chaina gate		+	Sharavathi	<i>Labeo spp.</i>	NE	LC	Cyprinidae

ANNEXURE II: Fauna of Uttara Kannada district

595	75.00	14.34	Chaina gate		+	Sharavathi	<i>Mastacembelus armatus</i>	NE	LC	Mastacembelidae
596	75.00	14.34	Chaina gate		+	Sharavathi	<i>Nemacheilus anguilla</i>	NE	LC	Ballitoridae
597	75.00	14.34	Chaina gate		+	Sharavathi	<i>Nemacheilus botia</i>	NE	LC	Balitoridae
598	75.00	14.34	Chaina gate		+	Sharavathi	<i>Puntius bimaculatus</i>	NE	LC	Cyprinidae
599	75.00	14.34	Chaina gate		+	Sharavathi	<i>Hyporhamphus limbatus</i>	NE	LC	Hemiramphidae
600	75.00	14.34	Chaina gate		+	Sharavathi	<i>Brachydanio rerio</i>	NE	EN	Cyprinidae

Reptiles									
S.no	Longitude	Latitude	Locations	Common name	Scientific name	E / NE	IUCN status	Family	
1	74.25	14.97	Dandeli wildlife sanctuary	Saw scaled Viper	<i>Echis carinatus</i>	E	EN	Viperidae	
2	74.25	14.97	Dandeli wildlife sanctuary	Malabar Pit Viper	<i>Trimeresurus malabaricus</i>	E	EN	Viperidae	
3	74.25	14.97	Dandeli wildlife sanctuary	Russell's Viper	<i>Daboia russelli</i>	NE	EN	Viperidae	
4	74.25	14.97	Dandeli wildlife sanctuary	Hump nosed pit viper	<i>Hypnale hypnale</i>	NE	EN	Viperidae	
5	74.25	14.97	Dandeli wildlife sanctuary	Asian Cobra	<i>Naja naja</i>	NE	EN	Elapidae	
6	74.25	14.97	Dandeli wildlife sanctuary	King Cobra	<i>Ophiophagus hannah</i>	NE	EN	Elapidae	
7	74.25	14.97	Dandeli wildlife sanctuary	Indian Python	<i>Python molurus</i>	NE	EN	Pythonidae	
8	74.25	14.97	Dandelappa temple in dam	Crocodile	<i>Crocodylus palustris</i>	NE	VU	Crocodylidae	
9	74.25	14.97	Dandeli wildlife sanctuary	The Krait	<i>Bungarus caeruleus</i>	NE	DD	Elapidae	
10	74.25	14.97	Dandeli wildlife sanctuary	The rat snake	<i>Ptyas mucosus</i>	NE	DD	Colubridae	
11	74.38	15.02	Anshi national park	Saw scaled Viper	<i>Echis carinatus</i>	E	EN	Viperidae	
12	74.38	15.02	Anshi national park	Russell's Viper	<i>Daboia russelli</i>	NE	EN	Viperidae	
13	74.38	15.02	Anshi national park	Spectacled Cobra	<i>Naja naja</i>	NE	EN	Elapidae	
14	74.38	15.02	Anshi national park	King Cobra	<i>Ophiophagus hannah</i>	NE	EN	Elapidae	
15	74.38	15.02	Anshi national park	Indian Rock Python	<i>Python molurus</i>	NE	EN	Pythonidae	
16	74.38	15.02	Anshi national park	Monitor Lizards	<i>Varanus bengalensis</i>	NE	VU	Varanidae	
17	74.38	15.02	Anshi national park	Vine Snake	<i>Ahaetulla nasuta</i>	NE	DD	Colubridae	
18	74.38	15.02	Anshi national park	Common Krait	<i>Bungarus caeruleus</i>	NE	DD	Elapidae	
19	74.68	14.35	Halsolli	Shield tail	<i>Uropeltis sp.</i>	NE	NE	Uropeltidae	
20	74.68	14.35	Halsolli	Lizard	<i>Calotes sp.</i>	NE	NE	Agamidae	
21	74.68	14.35	Halsolli	Gecko	<i>Cnemaspis sp.</i>	NE	NE	Geckonidae	
22	74.68	14.35	Halsolli	Bronze backed Tree Snake	<i>Dendrelaphis tristis</i>	NE	LC	Colubridae	
23	74.68	14.35	Halsolli	Chekered Keelback	<i>Xenochrophis piscator piscator</i>	NE	LC	Colubridae	
24	74.68	14.35	Halsolli	Flapshell turtles	<i>Lissemys punctata</i>	NE	LC	Trionychidae	
25	74.68	14.35	Halsolli	Gunther's Supple Skink	<i>Lygosoma guentheri</i>	NE	LC	Scincidae	
26	74.68	14.35	Halsolli	King Cobra	<i>Ophiophagus hannah</i>	NE	LC	Elapidae	
27	74.68	14.35	Halsolli	The Cobra	<i>Naja naja</i>	NE	LC	Elapidae	
28	74.68	14.35	Halsolli	Hump nosed Pit Viper	<i>Hypnale hypnale</i>	NE	LC	Viperidae	
29	74.68	14.35	Halsolli	Malabar Pit Viper	<i>Trimeresurus malabaricus</i>	NE	LC	Viperidae	
30	74.68	14.35	Halsolli	The Vine Snake	<i>Ahaetulla nasuta</i>	NE	LC	Colubridae	
31	74.68	14.35	Halsolli	Indian Ornate Flying Snake	<i>Chrysopelea ornata</i>	NE	LC	Colubridae	
32	74.68	14.35	Halsolli	Common Indian Trinket Snake	<i>Elaphe helena helena</i>	NE	LC	Colubridae	
33	74.68	14.35	Halsolli	Common Sand boa	<i>Eryx conicus conicus</i>	NE	LC	Boidae	
34	74.68	14.35	Halsolli	The Rat Snake	<i>Ptyas mucosus</i>	NE	LC	Colubridae	
35	74.68	14.35	Halsolli	Python	<i>Python molurus</i>	NE	LC	Pythonidae	

ANNEXURE II: Fauna of Uttara Kannada district

36	74.68	14.35	Halsolli	Roux Forest Lizard	<i>Calotes rouxii</i>	NE	LC	Agamidae
37	74.68	14.35	Halsolli	Western Ghat Flying lizard	<i>Draco dussumieri</i>	NE	LC	Agamidae
38	74.68	14.35	Halsolli	Common Indian Monitor Lizard	<i>Varanus bengalensis</i>	NE	VU	Varanidae
39	74.68	14.35	Halsolli	Deccan Ground Gecko	<i>Geckoella dekkanensis</i>	NE	VU	Geckonidae
40	74.74	14.27	Malemane	Shield tail	<i>Uropeltis sp.</i>	NE	NE	Uropetalidae
41	74.74	14.27	Malemane	Lizard	<i>Calotes sp.</i>	NE	NE	Agamidae
42	74.74	14.27	Malemane	Gecko	<i>Cnemaspis sp.</i>	NE	NE	Geckonidae
43	74.74	14.27	Malemane	Bronze backed Tree Snake	<i>Dendrelaphis tristis</i>	NE	LC	Colubridae
44	74.74	14.27	Malemane	Chekered Keelback	<i>Xenochrophis piscator piscator</i>	NE	LC	Colubridae
45	74.74	14.27	Malemane	Flapshell turtles	<i>Lissemys punctata</i>	NE	LC	Trionychidae
46	74.74	14.27	Malemane	Gunther's Supple Skink	<i>Lygosoma guentheri</i>	NE	LC	Scincidae
47	74.74	14.27	Malemane	King Cobra	<i>Ophiophagus hannah</i>	NE	LC	Elapidae
48	74.74	14.27	Malemane	The Cobra	<i>Naja naja</i>	NE	LC	Elapidae
49	74.74	14.27	Malemane	Hump nosed Pit Viper	<i>Hypnale hypnale</i>	NE	LC	Viperidae
50	74.74	14.27	Malemane	Malabar Pit Viper	<i>Trimeresurus malabaricus</i>	NE	LC	Viperidae
51	74.74	14.27	Malemane	The Vine Snake	<i>Ahaetulla nasuta</i>	NE	LC	Colubridae
52	74.74	14.27	Malemane	Indian Ornate Flying Snake	<i>Chrysopelea ornata</i>	NE	LC	Colubridae
53	74.74	14.27	Malemane	Common Indian Trinket Snake	<i>Elaphe helena helena</i>	NE	LC	Colubridae
54	74.74	14.27	Malemane	Common Sand boa	<i>Eryx conicus conicus</i>	NE	LC	Boidae
55	74.74	14.27	Malemane	The Rat Snake	<i>Ptyas mucosus</i>	NE	LC	Colubridae
56	74.74	14.27	Malemane	Python	<i>Python molurus</i>	NE	LC	Pythonidae
57	74.74	14.27	Malemane	Roux Forest Lizard	<i>Calotes rouxii</i>	NE	LC	Agamidae
58	74.74	14.27	Malemane	Western Ghat Flying lizard	<i>Draco dussumieri</i>	NE	LC	Agamidae
59	74.74	14.27	Malemane	Common Indian Monitor Lizard	<i>Varanus bengalensis</i>	NE	VU	Varanidae
60	74.74	14.27	Malemane	Deccan Ground Gecko	<i>Geckoella dekkanensis</i>	NE	VU	Geckonidae
61	74.75	14.28	Kathalekan	Shield tail	<i>Uropeltis sp.</i>	NE	NE	Uropetalidae
62	74.75	14.28	Kathalekan	Lizard	<i>Calotes sp.</i>	NE	NE	Agamidae
63	74.75	14.28	Kathalekan	Gecko	<i>Cnemaspis sp.</i>	NE	NE	Geckonidae
64	74.75	14.28	Kathalekan	Flapshell turtles	<i>Lissemys punctata</i>	NE	LC	Trionychidae
65	74.75	14.28	Kathalekan	Bronze backed Tree Snake	<i>Dendrelaphis tristis</i>	NE	LC	Colubridae
66	74.75	14.28	Kathalekan	Chekered Keelback	<i>Xenochrophis piscator piscator</i>	NE	LC	Colubridae
67	74.75	14.28	Kathalekan	Gunther's Supple Skink	<i>Lygosoma guentheri</i>	NE	LC	Scincidae
68	74.75	14.28	Kathalekan	King Cobra	<i>Ophiophagus hannah</i>	NE	LC	Elapidae
69	74.75	14.28	Kathalekan	The Cobra	<i>Naja naja</i>	NE	LC	Elapidae
70	74.75	14.28	Kathalekan	Hump nosed Pit Viper	<i>Hypnale hypnale</i>	NE	LC	Viperidae
71	74.75	14.28	Kathalekan	Malabar Pit Viper	<i>Trimeresurus malabaricus</i>	NE	LC	Viperidae
72	74.75	14.28	Kathalekan	The Vine Snake	<i>Ahaetulla nasuta</i>	NE	LC	Colubridae
73	74.75	14.28	Kathalekan	Indian Ornate Flying Snake	<i>Chrysopelea ornata</i>	NE	LC	Colubridae
74	74.75	14.28	Kathalekan	Common Indian Trinket Snake	<i>Elaphe helena helena</i>	NE	LC	Colubridae
75	74.75	14.28	Kathalekan	Common Sand boa	<i>Eryx conicus conicus</i>	NE	LC	Boidae
76	74.75	14.28	Kathalekan	The Rat Snake	<i>Ptyas mucosus</i>	NE	LC	Colubridae
77	74.75	14.28	Kathalekan	Python	<i>Python molurus</i>	NE	LC	Pythonidae
78	74.75	14.28	Kathalekan	Roux Forest Lizard	<i>Calotes rouxii</i>	NE	LC	Agamidae
79	74.75	14.28	Kathalekan	Western Ghat Flying lizard	<i>Draco dussumieri</i>	NE	LC	Agamidae
80	74.75	14.28	Kathalekan	Common Indian Monitor Lizard	<i>Varanus bengalensis</i>	NE	VU	Varanidae

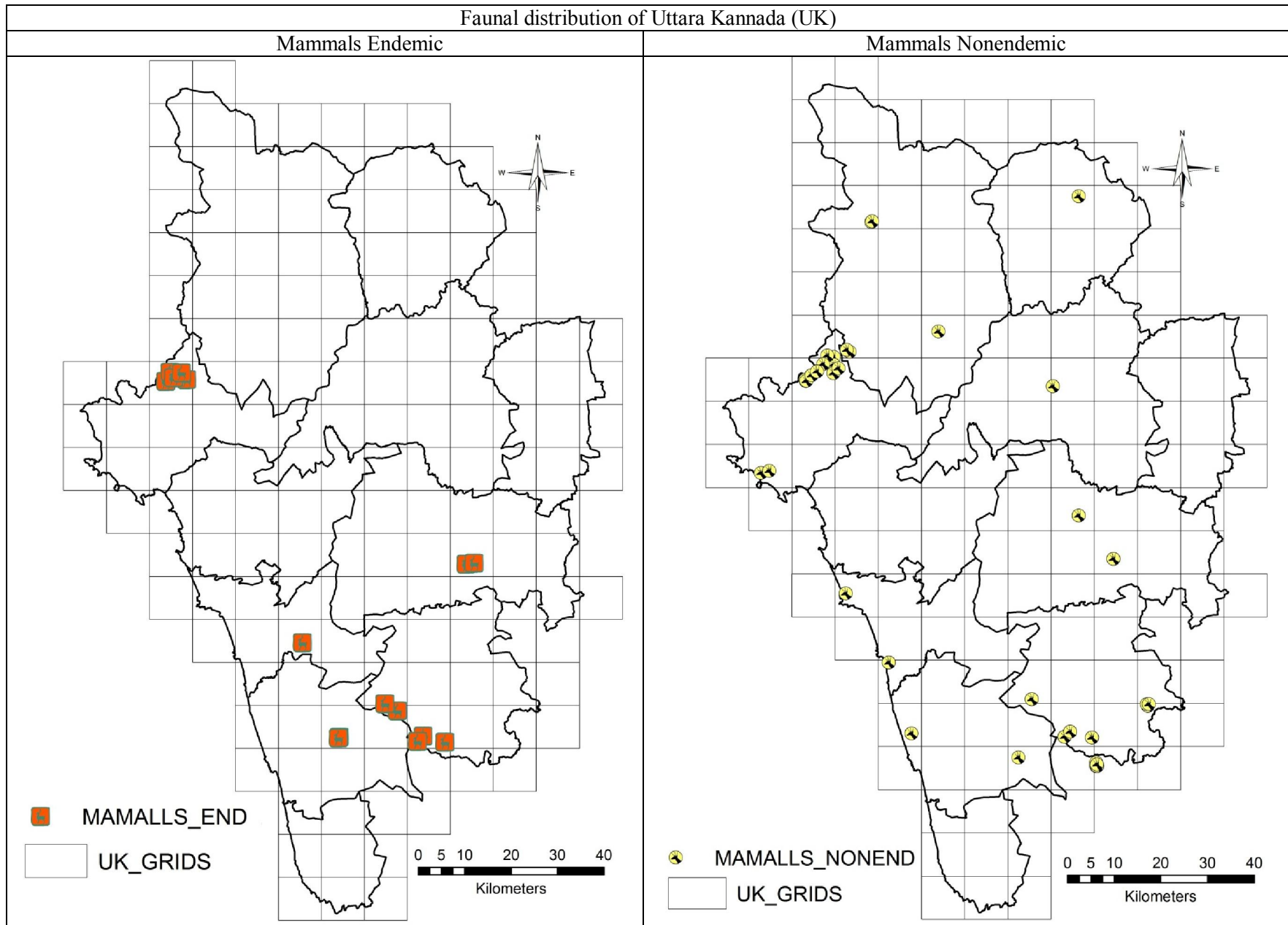
ANNEXURE II: Fauna of Uttara Kannada district

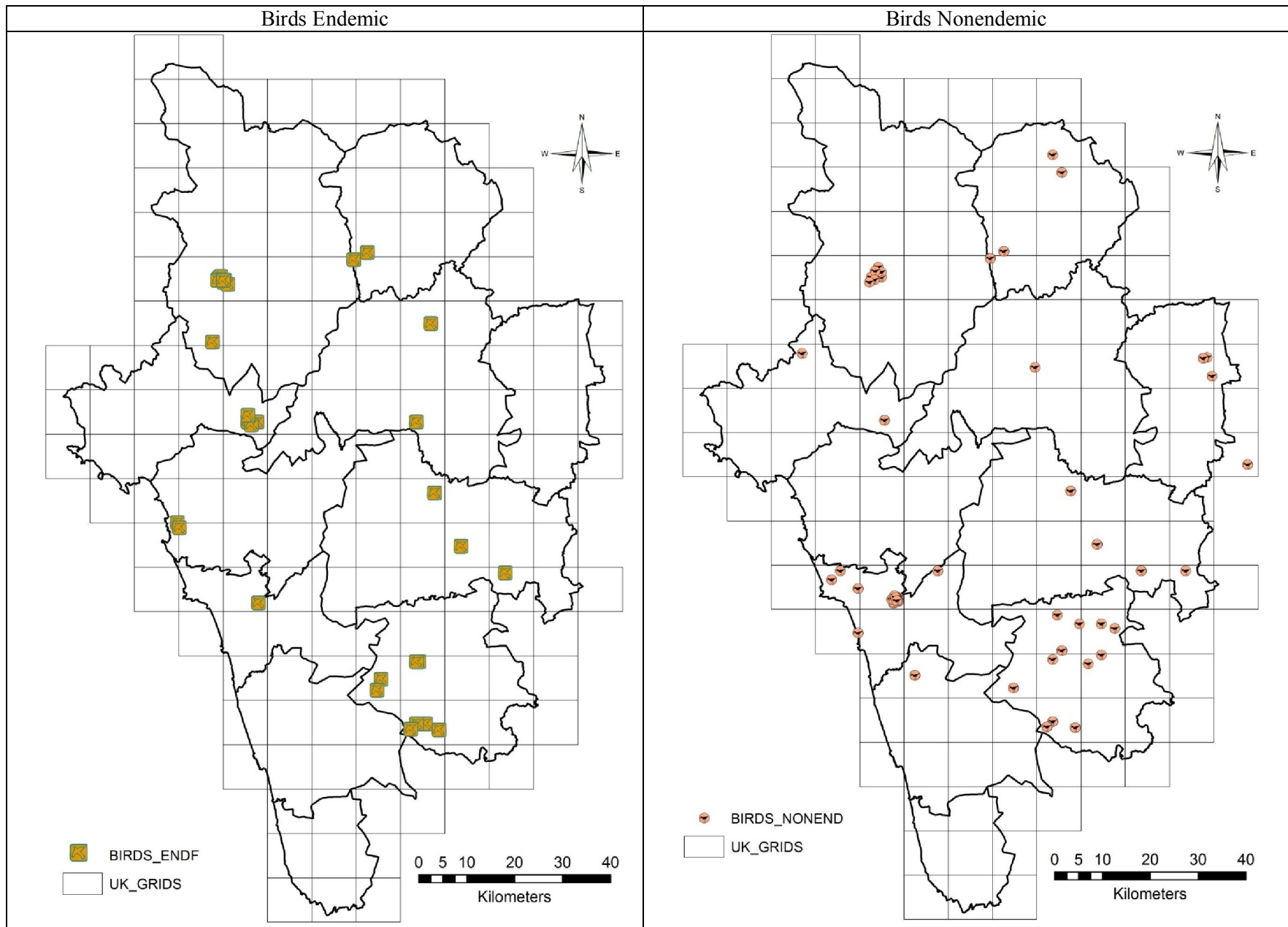
81	74.75	14.28	Kathalekan	Deccan Ground Gecko	<i>Geckoella dekkanensis</i>	NE	VU	Geckonidae
82	74.79	14.27	Torme	Shield tail	<i>Uropeltis sp.</i>	NE	NE	Uropetalidae
83	74.79	14.27	Torme	Lizard	<i>Calotes sp.</i>	NE	NE	Agamidae
84	74.79	14.27	Torme	Gecko	<i>Cnemaspis sp.</i>	NE	NE	Geckonidae
85	74.79	14.27	Mundigethagu	Shield tail	<i>Uropeltis sp.</i>	NE	NE	Uropetalidae
86	74.79	14.27	Mundigethagu	Lizard	<i>Calotes sp.</i>	NE	NE	Agamidae
87	74.79	14.27	Mundigethagu	Gecko	<i>Cnemaspis sp.</i>	NE	NE	Geckonidae
88	74.79	14.27	Torme	Bronze backed Tree Snake	<i>Dendrelaphis tristis</i>	NE	LC	Colubridae
89	74.79	14.27	Torme	Chekered Keelback	<i>Xenochrophis piscator piscator</i>	NE	LC	Colubridae
90	74.79	14.27	Mundigethagu	Bronze backed Tree Snake	<i>Dendrelaphis tristis</i>	NE	LC	Colubridae
91	74.79	14.27	Mundigethagu	Chekered Keelback	<i>Xenochrophis piscator piscator</i>	NE	LC	Colubridae
92	74.79	14.27	Torme	Flapshell turtles	<i>Lissemys punctata</i>	NE	LC	Trionychidae
93	74.79	14.27	Torme	Gunther's Supple Skink	<i>Lygosoma guentheri</i>	NE	LC	Scincidae
94	74.79	14.27	Torme	King Cobra	<i>Ophiophagus hannah</i>	NE	LC	Elapidae
95	74.79	14.27	Torme	The Cobra	<i>Naja naja</i>	NE	LC	Elapidae
96	74.79	14.27	Torme	Hump nosed Pit Viper	<i>Hypnale hypnale</i>	NE	LC	Viperidae
97	74.79	14.27	Torme	Malabar Pit Viper	<i>Trimeresurus malabaricus</i>	NE	LC	Viperidae
98	74.79	14.27	Torme	The Vine Snake	<i>Ahaetulla nasuta</i>	NE	LC	Colubridae
99	74.79	14.27	Torme	Indian Ornate Flying Snake	<i>Chrysopelea ornata</i>	NE	LC	Colubridae
100	74.79	14.27	Torme	Common Indian Trinket Snake	<i>Elaphe helena helena</i>	NE	LC	Colubridae
101	74.79	14.27	Torme	Common Sand boa	<i>Eryx conicus conicus</i>	NE	LC	Boidae
102	74.79	14.27	Torme	The Rat Snake	<i>Ptyas mucosus</i>	NE	LC	Colubridae
103	74.79	14.27	Torme	Python	<i>Python molurus</i>	NE	LC	Pythonidae
104	74.79	14.27	Torme	Roux Forest Lizard	<i>Calotes rouxii</i>	NE	LC	Agamidae
105	74.79	14.27	Torme	Western Ghat Flying lizard	<i>Draco dussumieri</i>	NE	LC	Agamidae
106	74.79	14.27	Mundigethagu	Flapshell turtles	<i>Lissemys punctata</i>	NE	LC	Trionychidae
107	74.79	14.27	Mundigethagu	Gunther's Supple Skink	<i>Lygosoma guentheri</i>	NE	LC	Scincidae
108	74.79	14.27	Mundigethagu	King Cobra	<i>Ophiophagus hannah</i>	NE	LC	Elapidae
109	74.79	14.27	Mundigethagu	The Cobra	<i>Naja naja</i>	NE	LC	Elapidae
110	74.79	14.27	Mundigethagu	Hump nosed Pit Viper	<i>Hypnale hypnale</i>	NE	LC	Viperidae
111	74.79	14.27	Mundigethagu	Malabar Pit Viper	<i>Trimeresurus malabaricus</i>	NE	LC	Viperidae
112	74.79	14.27	Mundigethagu	The Vine Snake	<i>Ahaetulla nasuta</i>	NE	LC	Colubridae
113	74.79	14.27	Mundigethagu	Indian Ornate Flying Snake	<i>Chrysopelea ornata</i>	NE	LC	Colubridae
114	74.79	14.27	Mundigethagu	Common Indian Trinket Snake	<i>Elaphe helena helena</i>	NE	LC	Colubridae
115	74.79	14.27	Mundigethagu	Common Sand boa	<i>Eryx conicus conicus</i>	NE	LC	Boidae
116	74.79	14.27	Mundigethagu	Deccan Ground Gecko	<i>Geckoella dekkanensis</i>	NE	VU	Geckonidae
117	74.79	14.27	Mundigethagu	Python	<i>Python molurus</i>	NE	LC	Pythonidae
118	74.79	14.27	Mundigethagu	Roux Forest Lizard	<i>Calotes rouxii</i>	NE	LC	Agamidae
119	74.79	14.27	Mundigethagu	Western Ghat Flying lizard	<i>Draco dussumieri</i>	NE	LC	Agamidae
120	74.79	14.27	Torme	Common Indian Monitor Lizard	<i>Varanus bengalensis</i>	NE	VU	Varanidae
121	74.79	14.27	Torme	Deccan Ground Gecko	<i>Geckoella dekkanensis</i>	NE	VU	Geckonidae
122	74.79	14.27	Mundigethagu	Common Indian Monitor Lizard	<i>Varanus bengalensis</i>	NE	VU	Varanidae

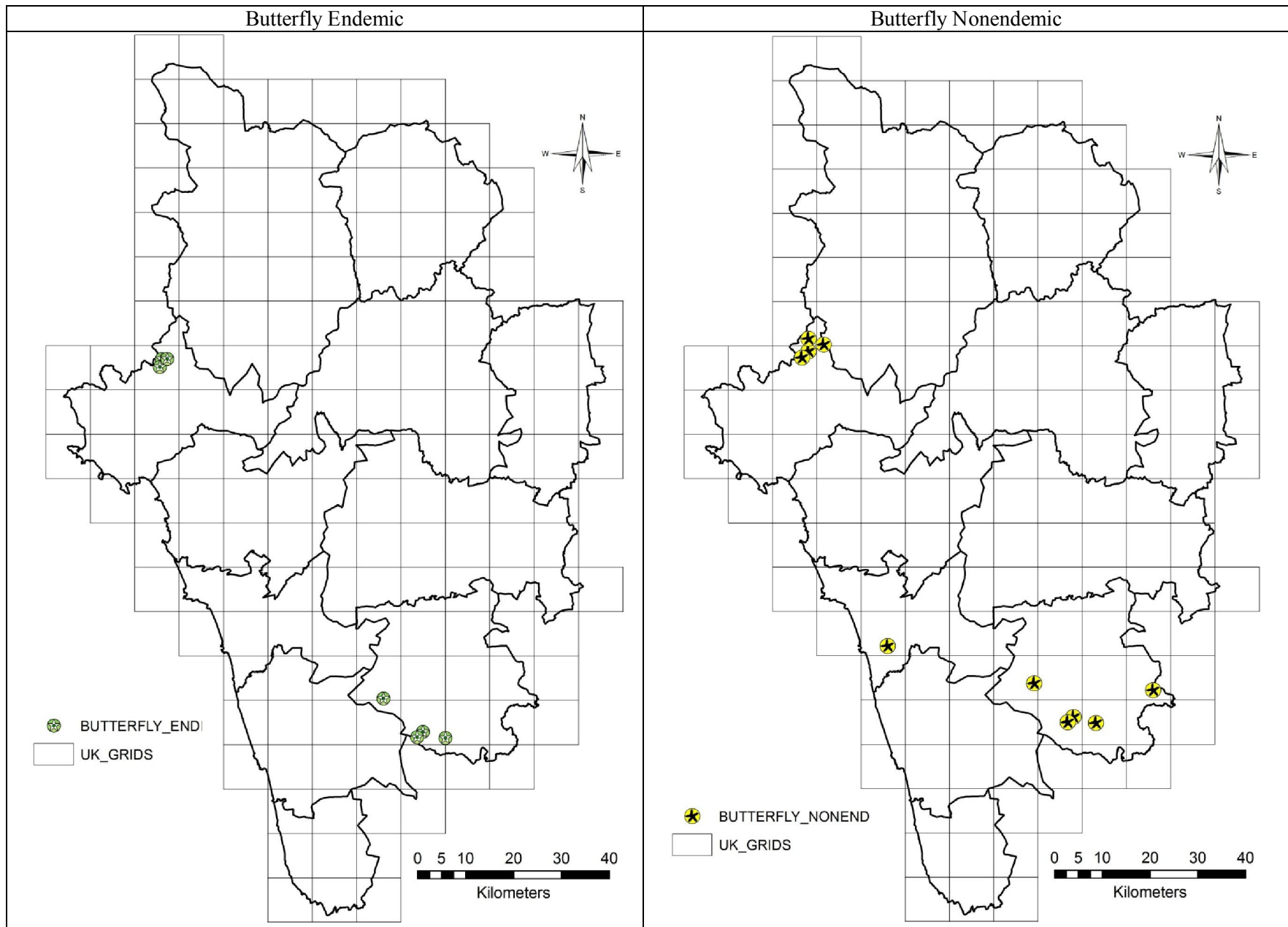
Bats and Harrison reported from Uttara Kannada

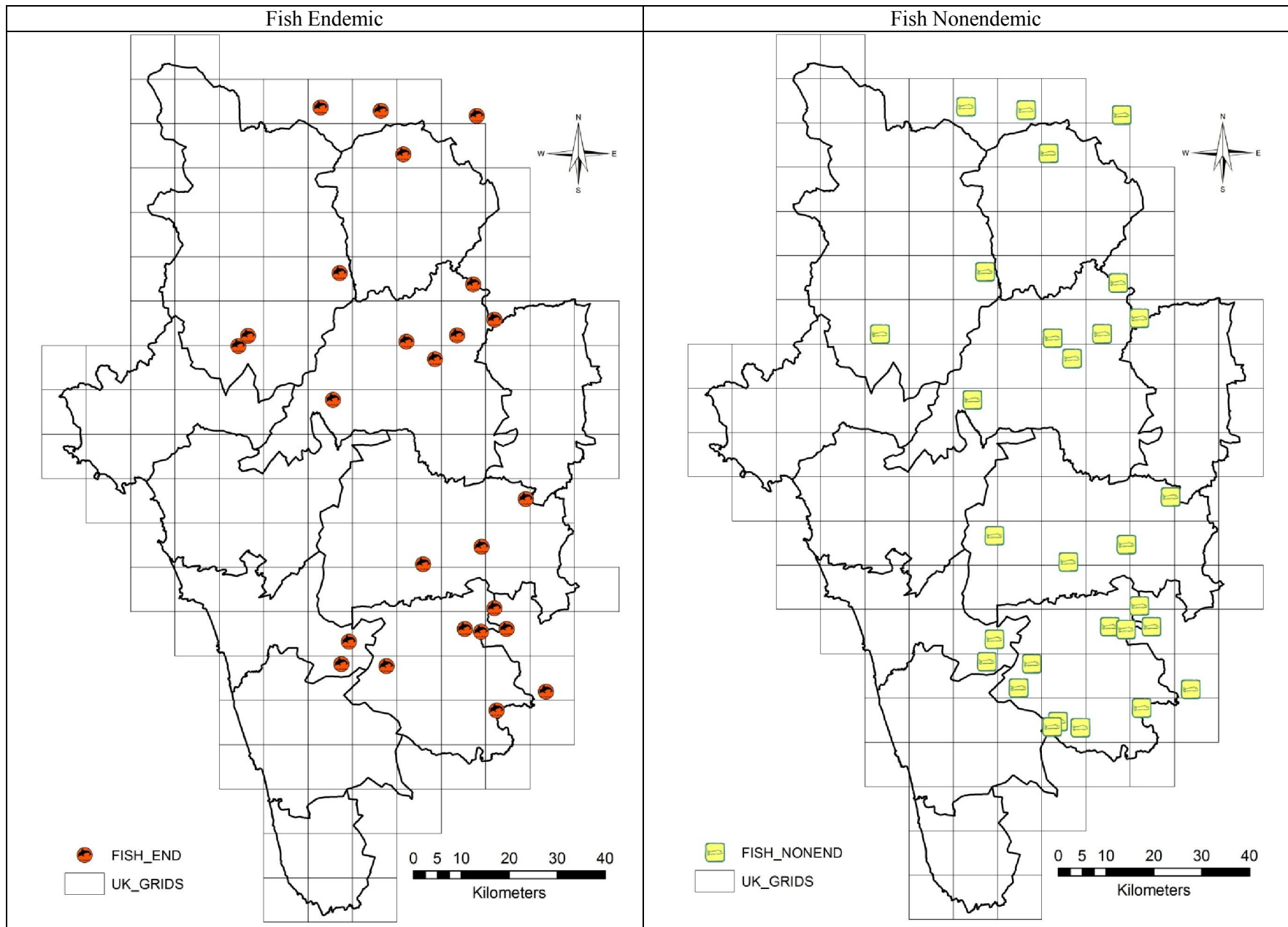
ANNEXURE II: Fauna of Uttara Kannada district

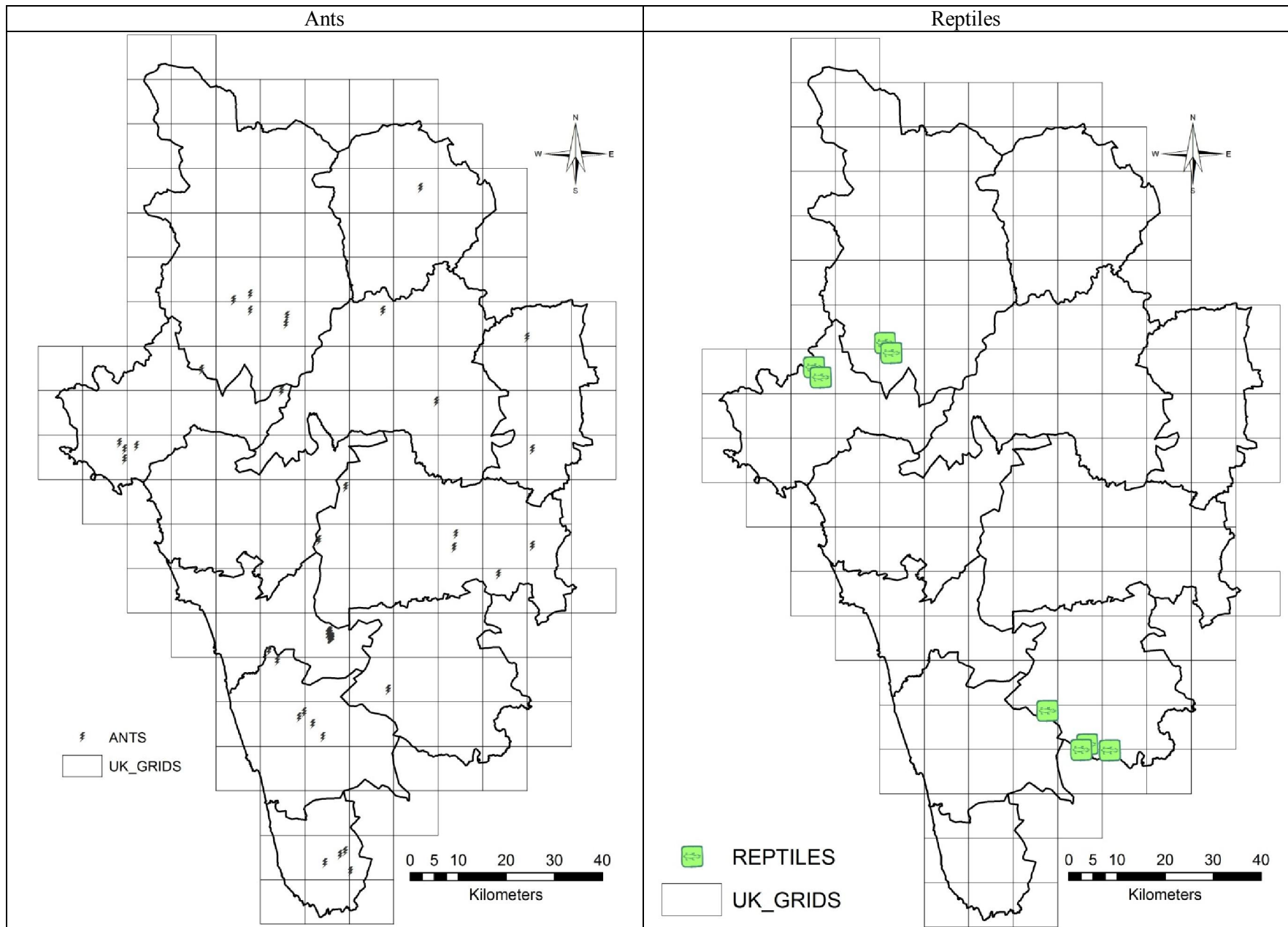
Sno	Name	Places reported
1	Fulvous fruit bat	Gersoppa, Muroor
2	Indian flying fox	Devikoppa
3	Lesser dog-faced fruit bat	Gokarna
4	Dawn bat	Muroor
5	Lesser mouse-tailed bat	Gokarna
6	Long winged tomb abt	Sirsi
7	Black-bearded tomb bat	Jog
8	Naked-rumped tomb bat	Sirsi
9	Pouch bearing bat	Malg. Sirsi, Gersoppa, Yellapura
10	Greater false vampire	Honnavar, Sirsi, Jog, Devikoppa
11	Lesser false vampire	Sirsi, Hulekal, Gersoppa
12	Rufous horse-shoed bat	Barchi, Hulekal, Sirsi, Yellapura
13	Blyth's horse-shoe bat	Jog, Gersoppa
14	Lesser wooly horse-shoe	Sirsi
15	Fulvous leaf-nosed bat	Honnavar
16	Kantor's leaf-nosed bat	Honnavar
17	Schneider's leaf-nosed bat	Gersoppa, Honnavar
18	Kelaart's leaf-nosed bat	Gersoppa, Muroor
19	Burmese whiskered bat	Gersoppa
20	Asiatic greater yellow house bat	Sirsi
21	Asiatic greater yellow house bat	Sirsi, Hulekal
22	Bamboo bat flat-headed bat	Sirsi, Hulekal
23	Least pipistrelle	Honnavar
24	Kelart's pipistrelle	Sirsi, Honnavar
25	Tickelle's bat	Yellapura, Potolli, Hulekal

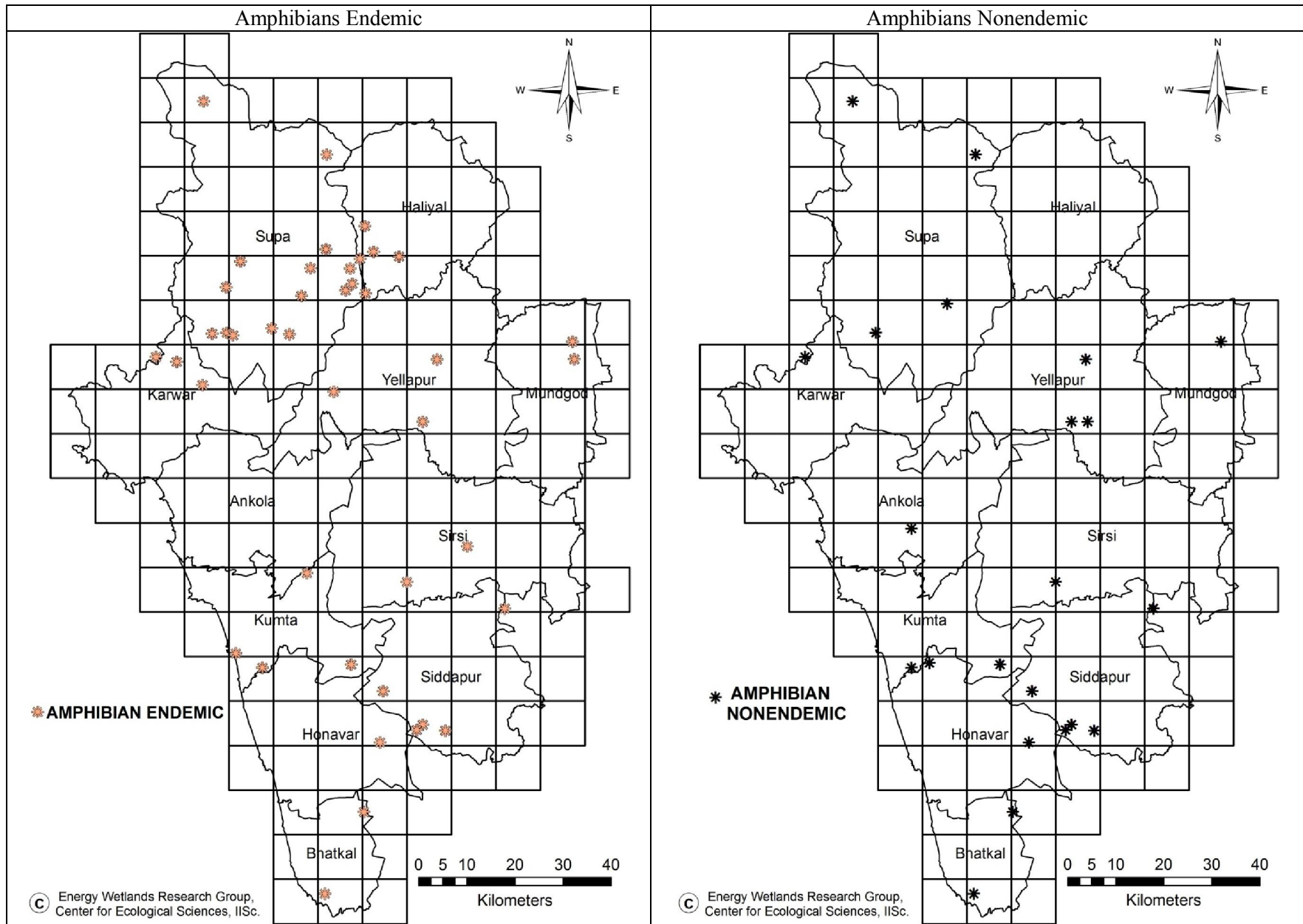












ANNEXURE III: Village wise forest dwelling communities (tribes) of Uttara Kannada district

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Taluk	Forest dwelling communities										
	SIDDI			KUNABI		GONDA			GOULI		
	ANKOLA	Achave	Dongri								
Halvalli		Heggar (Ankola)		Dongri	Heggar (Ankola)						
Kalleshwar		Kodlagadde		Kattinhal	Kavalalli						
Kammani		Kuntgani		Mogta	Shevakar						
Shevakar		Sunksal		Sheveguli	Sunksal						
BHATKAL						Agga	Antravalli (Bhatkal)	Aravakki	Hasarvalli	Karikal	
						Bailur	Belalkhanda	Belke	Mundalli		
						Benandoor	Bengre	Bilurmane			
						Gorte	Hadavalli	Hadeel			
						Hadin	Hadlur	Hasarvalli			
						Heble	Hudil	Jali			
						Kaikini	Kerehittal	Kitre			
						Konar	Koppa (Bhatkal)	Kotkhanda			
						Kulawadi	Kuntavani	Kurandur			
						Marukeri	Nuz	Talan			
					Talgod (Bhatkal)	Venkatapura (CT)	Yelavadikavoor				
HONNAVAR	Upponi										
KARWAR	Makheri			Kaiga	Mallapur				Balemane	Gotegali	
KUMTA											
SIDDAPUR						Akkunji	Arendur	Avarguppa			
						Dugadikoppa	Halagadikoppa	Hasavante			
						Kangod	Kastur	Malalavall			

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ANNEXURE III: Village wise forest dwelling communities (tribes) of Uttara Kannada district

						(Siddapur)		i			
						Malavalli	Mandlikoppa	Mattigar (Siddapur)			
						Mugdur	Nejjur	Nidgod			
						Padavanbail	Shiralgi	Tumbargo d			
						Tyarshi					
SIRSI	Kakkalli	Kalgadde Kanchigadde				Bilur	Kantraji		Kanalli	Kereko ppa	Sadashivalli
	Kelaginakeri	Shirgani									
	Sonaginmane										
SUPA	Neturge	Phansoli							Amagao n	Asulli	Birampali
	Shevali	Yeramukh							Bouri	Chapoli (A)	Devulli
									Devulli(Tina)	Gavegal i	Joida
									Kalambu li	Kateli	Kateli (Kumbar Wada)
									Kumbral	Nagoda	Payaswadi
									Ramnaga r	Sangav e	
YELLAPUR A	Aalwad	Ambagaon	Arbail	Balagar	Bare	Jaddigadde			Kusguli	Gotguli	Hasanagi
	Baichgod	Balagar	Bankasall i	Benadag uli	Bilki				Hotageri	Lalguli	Malakoppa
	Beegar	Belakanda	Belegeri	Bisgod	Chandguli						
	Bellambi	Bharanii	Bharatana halli	Chavatti	Chikkotti						
	Bhomnalli	Bidralli	Bilki	Dehalli	Gadijogad mane						
	Bisgod	Chandguli	Chavatti	Hasanag i	Hiresar						
	Chikkotti	Chimanalli	Dehalli	Hiriyal	Hitlasara						
	Devaragadde	Devarakallalli	Donagar	Hotageri	Hutkhanda						
	Gadijogadma ne	Gopadmane	Gotguli	Idagundi	Ilehalli						
	Gullapur	Halasinkoppa	Hasanagi	Kampli	Kannadaga l						
	Hastakaragad de	Heggumbale	Hiresar	Kattige	Kerehosalli						

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ANNEXURE III: Village wise forest dwelling communities (tribes) of Uttara Kannada district

	Hiriyal	Hitlasara	Hittlalli	Marahalli	Mavinama ne					
	Holemadu	Honagadde	Hosalli	Nagarakhan	Somanalli (Yellapur)					
	Hotageri	Hunasemane	Hutakmane	Tolagod						
	Hutkhanda	Idagundi	Jaddigadde							
	KOMadi	Kalache	Kalasuru							
	Kampli	Kannadagal	Kannigeri							
	Kattige	Kerehosalli	Kiravatti							
	Kodlagadde (Yellapur)	Kolikeri	Kotemane							
	Kundoor	Kusguli	Lalguli							
	Lingadabailu	Madnur	Magod							
	Malakoppa	Malalgaon	Mudanagi							
	Nagarakhan	Nandolli	Savagadde							
	Savane	Shigepal	Shiranala							
	Shistamudi	Somanalli (Yellapur)	Sulagar							
	Tarehalli	Tatagar	Telangar							
	Uchageri	Vajralli	Yadalli							
HALIYAL	Bhagawati	Bidrolli		Dodkop	Jatgahosur					
	Gadagera	Gardolli		Modalgera						
	Kegdal	Kumbarkop								
	Ramapur (Haliyal)	Rayapattan								
MUNDGOD	Basavanakoppa	Chipageri	Gunjavati	Hulihonda				Bhadrapura	Nyasargi	
	Mainalli	Nagnoor	Shanvalli					Sanavalli	Wadagatta	
	Ugginkeri	Yerebail								

India's Biodiversity Act 2002 and its role in conservation

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Abstract: This paper summarizes the main features of India's Biological Diversity Act 2002 (BD Act) and its role in biodiversity conservation in the country. In order to implement this Act, in accordance with its section 8, a National Biodiversity Authority (NBA) was established in the year 2003. The BD Act provides provisions for regulated access to biological resources by bonafide end-users for various purposes including scientific research, commercial activities and sustainable use of non-timber forest produce. The Act is implemented through three functional bodies *viz.*, NBA at the national level, State Biodiversity Boards (SBBs) in different states, and Biodiversity Management Committees (BMCs) at the level of local community (Panchayat). At the national level, NBA is responsible for decisions pertaining to access and benefit sharing (ABS), approval for access to and transfer of biological resources, results or technology of scientific research to foreign citizens, companies or non-resident Indians and several other matters related to conservation of India's biodiversity. The Act insists upon appropriate benefit sharing under mutually agreed terms related to access and transfer of biological resources or knowledge occurring in or obtained from India for various purposes.

Resumen: Este artículo resume las principales características de la Ley de Biodiversidad de la India de 2002 (Ley BD) y su papel en la conservación de la biodiversidad en el país. Para instrumentar esta ley y de acuerdo con su sección 8, en el año 2003 se estableció una Autoridad Nacional de la Biodiversidad (ANB). La Ley BD ofrece disposiciones que regulan el acceso a los recursos biológicos por los usuarios finales *bonafide* para varios propósitos incluyendo la investigación científica, las actividades comerciales y el uso sostenible de productos forestales no maderables. La ley se instrumenta a través de tres cuerpos funcionales: la ANB a nivel nacional, los Consejos Estatales para la Biodiversidad (CEBs) en diferentes estados, y los Comités de Administración de la Biodiversidad (CABs) a nivel de la comunidad local (Panchayat). A nivel nacional, la ANB es responsable de las decisiones que tienen que ver con las formas de acceso a los beneficios y de compartirlos, con las maneras de aprobar el acceso a los recursos biológicos y los resultados de la tecnología o la investigación científica y su transferencia a ciudadanos o compañías extranjeros, o a ciudadanos indios no residentes en el país, y con varios otros asuntos relacionados con la conservación de la biodiversidad de la India. La Ley hace énfasis en un reparto adecuado de los beneficios bajo términos de mutuo acuerdo relacionados con el acceso y la transferencia de recursos y conocimiento biológicos que existen o que fueron obtenidos en la India con varios propósitos.

Resumo: Este artigo sumariza os aspectos principais do Acto Legislativo de 2002, na Índia, sobre a Diversidade Biológica (BDAct) e sobre o seu papel na conservação da biodiversidade no país. Com o fim de implementar esta Acto, de acordo com a secção 8, foi

estabelecida em 2003 a Autoridade Nacional sobre a Biodiversidade (NBA). Esta legislação proporciona provisões sobre o acesso regulado aos recursos biológicos por utilizadores finais *bonafide* para vários propósitos incluindo a investigação científica, actividades comerciais e uso sustentável de produtos florestais não lenhosos. O Acto é implementado através de três corpos funcionais *viz.*, NBA a nível nacional, Juntas Estatais de Biodiversidade (SBBs) nos diferentes estados, e os Comités de Gestão da Biodiversidade (BMCs) a nível das comunidades locais (Panchayat). A nível nacional, a NBA é responsável pelas decisões que se relacionam com o acesso e partilha dos recursos biológicos (ABS), aprovação do acesso e transferência de recursos biológicos, resultados ou tecnologia de investigação científica a cidadãos estrangeiros, companhias ou indianos não-residentes e várias outras matérias relacionadas com a conservação da biodiversidade na Índia. O Acto insiste sobre a partilha apropriada dos benefícios de acordo com termos mutuamente acordados relacionados com o acesso e transferência biológica de recursos ou conhecimento ocorrendo na ou obtido da Índia para vários propósitos.

Key words: Access and benefit sharing, biodiversity act, convention on biodiversity, National Biodiversity Authority, Peoples' Biodiversity Register.

Introduction

India is one of the 12 mega biodiversity countries of the world and one among the 194 signatories to the Convention on Biological Diversity (CBD) at Earth Summit in Rio de Janeiro in 1992. By virtue of a wide variety of physical and climatic conditions, India harbours varied ecosystems ranging from the tropical rain forests to high alpine cold deserts, grasslands, wetlands and coasts. India embraces three major biological realms, *viz.* Indo-Malayan, Eurasian and Afro-tropical and is adorned with 10 biogeographic zones and 26 biotic provinces (Rodgers & Panwar 1990). With only 2.5% of the earth's land area, India accounts for 8% of the recorded species of the world which includes millions of races, subspecies and local variants of species and the ecological processes and cycles that link organisms into population, communities, and all different ecosystems (Venkataraman 2006). Demographically, it is the second largest populated country in the world and a majority of its population directly depends on biological resources for livelihood.

It is estimated that India has approximately 45,000 species of plants representing as much as 11% of the world's flora (Mudgal & Hajra 1997). This includes about 17500 species of flowering plants, 48 species of gymnosperms, 1200 species of

pteridophytes, 1980 species of mosses, 845 species of liverworts, 6500 species of algae, 2050 species of lichens, 14,500 species of fungi and 850 species of bacteria. At the national level a number of organizations including the Botanical Survey of India have been engaged in systematic inventory and documentation of floral diversity. The faunal wealth is equally or more diverse. The total estimate of animal species in India is about 89,450, of which insects alone include 59,353 species. Other faunal components include mammals (372 species), birds (1230 species), reptiles (428 species), over 300 species of amphibians, and 5000 species of molluscs (Anonymous 1994). Amongst invertebrates, parasitic forms and soil fauna, (Annelida) exhibit a very high degree of endemism. Overall, 34.90% of entomofauna are endemic to the Indian region and more than 40% of Indian annelids, freshwater sponges and molluscs also show endemism. Among vertebrates, highest degree of endemism at species level is seen in Amphibia followed by Reptilia, Aves, Mammalia and Pisces. Fisheries in India play an important role in socio-economic development of local communities. More than six million fishermen and fish farmers in India depend on fisheries and aquaculture for their livelihood. The harvestable potential of marine fishery resources in the Indian Exclusive Economic Zone has been estimated at about 3.9234 million tonnes. A total fish

production of 8.09 million tonnes (3.26 million tonnes from the marine sector and 4.83 million tonnes from the inland sector) has been achieved at the end of the 2007.

India holds a prominent position among the eight Vavilovian Centres of origin of cultivated plants, which is the geographic region where crops exhibit maximum diversity in terms of number of races and botanical varieties (Vavilov 1926). Today, about 166 crop species and well over 324 species of wild relatives of crop plants are recognized and utilized for food production. Wild edible plants account for nearly 1000 species serving various purposes: 145 as roots/tubers, 526 as leafy vegetables/greens, 101 for buds/flower, 647 for fruits and 18 for seeds and nuts (Anonymous 1994).

Though, India can boast of having an impressive range of biological diversity, there is hardly any scope for complacency. Ever mounting human population, rapid expansion of agriculture, industry, urbanization and large scale developmental projects such as dams, highways, mining have led to habitat destruction, fragmentation, degradation and over exploitation of biological resources. Coupled with these factors unsustainable resource use practices and illegal trade of high value wildlife products have severely threatened many species of flora and fauna. The agro-biodiversity has also suffered seriously due to introduction and promotion of few 'high yielding' varieties. Yet very little has been done to harness the traditional knowledge on biodiversity inherited by a large number of local communities, given that India has had rich tradition of conserving nature and natural resources. Worship of trees, forests, rivers, ponds, mountains and association of animals and birds with gods and goddesses had contributed immensely to their conservation during historic past. This calls for a concerted effort towards scientific research, education and policy back up so as to conserve the extant biodiversity while ensuring economic and ecological security.

Policy initiatives and legal framework

International conventions

India has taken a number of policy initiatives towards conservation of nature, natural resources

and biodiversity at international, national and regional levels. Some of the significant initiatives include the World Heritage Convention (1972), Convention on International Trade in Endangered Species of Flora and Fauna (CITES) 1975, Ramsar Convention on Wetlands (1975), FAO's International Undertaking on Plant Genetic Resources (1983), Convention on Biological Diversity (1992), UN Convention to Combat Desertification (1994), Trade Related Intellectual Property Rights (WTO-1994) 1994, Cartagena Protocol for Biosafety to CBD (2000), International Treaty on Plant Genetic Resources for Food and Agriculture (FAO 2001), Global Strategy for Plant Conservation (2002), the Bonn Guidelines on Access to Genetic Resources and Fair and Equitable Sharing of the benefits arising out of their utilization (2002) among others. Consequent upon the ratification of CBD by India on 18th February 1994 and in pursuance of the Conference of Parties the Government of India, predominantly the Ministry of Environment and Forests, has taken steps to implement the CBD provisions by promulgating the Biological Diversity Act, 2002 in the Parliament of India. Recognizing the urgent need to develop human resources, capabilities and public policy in order to take an active part in the new economy associated with the use of Biological Diversity and Biotechnology, seventeen biodiversity rich countries have formed a group known as Like Minded Mega-diverse Countries (LMMC). In a recent meeting held in New Delhi (2005), this group has adopted the "New Delhi Ministerial Declaration of LMMCs on Access and Benefit Sharing", which is a new beginning towards international regime on access and benefit sharing as a legally binding instrument (http://www.lmmc.nic.in/prologueLmmc_new.php?Section=two).

National legislation and implementing agency

The Government of India brought the CBD into force from 19th May 1994. This convention provides a framework for the sustainable management and conservation of India's natural resources. In order to regulate access to biological resources of the country with the purpose of securing equitable share in benefits arising out of the use of biological resources and associated knowledge, to conserve and sustainably use

biological diversity a legislation was required. Legislation was also required in order to respect and protect traditional knowledge of local communities and to secure benefit sharing with local people who have conserved the biological resources and inherited knowledge and information relating to their use of biological resources. Accordingly the Biological Diversity Act 2002 (BD Act) was formulated after intensive consultation with various stakeholders. In accordance with the Section 8, of this Act a National Biodiversity Authority (NBA) was established in the year 2003 which is responsible for its implementation. The NBA also performs functions such as laying down the procedures and guidelines to govern the activities such as access and benefit sharing and Intellectual Property Rights, in accordance with the Article 8 (j) of the Convention on Biological Diversity (CBD). The authority also coordinates the ABS activities of the State Biodiversity Boards (SBB) and Biodiversity Management Committees (BMC) by providing them with technical assistance and guidance. NBA advises the government on matters relating to the conservation of biodiversity, sustainable use of its components and equitable sharing of benefits arising out of the utilization of biological resources, select and notify the areas of biodiversity importance as biodiversity heritage sites under this act and perform other functions as may be necessary to carry out the provisions of the act. The NBA on behalf of the Government of India takes measures to protect the biological diversity of the country as well as oppose the grant of intellectual property rights to any foreign country on any biological resource obtained from India or knowledge associated with such resources.

The NBA is chaired by an eminent person having adequate knowledge and expertise in the conservation and sustainable use of biological diversity and in matters relating to equitable sharing of benefits appointed by Government of India. The NBA consists of 10 senior officials from government departments and five additional specialists as members (http://www.nbaindia.org/act/act_ch3.htm). The Authority meets once every three months to oversee the work of the NBA, SBAs and BMCs to approve applications for access to India's biological resources.

Role and Provisions of Biodiversity Act 2002

Mechanism for access and benefit sharing

The BD Act (2002) primarily addresses the issues concerning access to genetic resources and associated knowledge by foreign nationals, institutions or companies, and equitable sharing of benefits arising out of the use of these resources and associated knowledge by the country and its people (http://www.nbaindia.org/act/act_english.htm). The Act governs access and benefit sharing (ABS) through a three tier system, i.e., NBA at the national level, the State Biodiversity Board (SBB) and Biodiversity Management Committees (BMCs) at local levels. The NBA deals with the requests for access to bio-resources and associated traditional knowledge by foreign nationals, institutions or companies, and all matters pertaining to the transfer of research findings to any foreign national, imposition of terms and conditions to secure equitable sharing of benefits, establish sovereign rights over the bio-resources of India and approval for seeking any form of Intellectual Property Rights (IPRs) in or outside India for an invention based on research or information pertaining to a biological resource and associated traditional knowledge obtained from India. SBBs deal with matters relating to access to bio-resources by Indians for commercial purposes and restrict any activity which violates the objectives of conservation, sustainable use and equitable sharing of benefits. The mandate of the BMCs is conservation, sustainable use, documentation of biodiversity and chronicling of knowledge relating to biodiversity. NBA and SBAs would consult BMCs on matters related to use of biological resources and associated knowledge within their jurisdiction. In order to safeguard the interests of the local people and to allow research by Indian citizens within the country, free access to biological resources for use within India for any purpose other than commercial use for Indian people has been given to the traditional physicians (*Vaid*s and *Haqims*) and other citizens.

Access to biological resources and associated traditional knowledge

The Act stipulates norms for access to biological resources and traditional knowledge in three ways:

- (i) Access to biological resources and traditional knowledge to foreign citizens, companies and non-resident Indians (NRIs) based on 'prior approval of NBA' (Section 3, 4, 6 of the Act and Rule 14-20).
- (ii) Access permits to Indian citizens, companies, associations and other organizations registered in India on the basis of 'prior intimation to the State Biodiversity Board' concerned (Section 7 of the Act).
- (iii) Exemption of prior approval or intimation for local people and communities, including growers and cultivators of biodiversity, and *Vaids* and *Haqims*, practicing indigenous medicines (Section 7 of the Act).

The key procedures to be followed for access to biological resources and traditional knowledge are dealt with under Rule 14 of the Biodiversity Rules 2004. These provisions are laid down to ensure effective, efficient and transparent access procedures through written agreements and applications in prescribed formats. Applicants seeking access to biological resources and traditional knowledge are required to submit an application in Form I (<http://www.nbaindia.org/applications/ruleform14.htm>) along with an application fee of INR 10,000/- (<http://www.nbaindia.org/applications/application.htm>). Once the application is approved for access, an agreement has to be signed by the applicant for access of bio-resources.

The NBA through appropriate consultation mechanisms, approves the applications and communicates its decision to grant access or otherwise to the applicant within a period of six months from the date of receipt of the application. The authority is required to communicate the grant of access to the applicant in the form of a written agreement duly signed by an authorized official of the authority and the applicant. The rule 14 also stipulates the authority to provide reasons in writing in cases of rejection of an application and give reasonable opportunity to the applicant to appeal. Provision has been made that the authority shall publish the approval granted through print or electronic media and also shall monitor the compliance of the conditions agreed to at the time of accordance of approval of grant for access, by the applicant (<http://www.nbaindia.org/approvals.htm>). The access procedures are only

regulatory in nature, not prohibitive in any manner to any applicant irrespective of their nationality, affiliations and origin. Since inception, NBA has received over 298 applications for access and transfer of bio-resources and patent (http://www.nbaindia.org/approvals/status_approval_s.htm).

Revocation of access or approval

Revocation of access or approval granted to an applicant will be done only on the basis of any complaint or *suo moto* under the following conditions: (i) violation of the provisions of the Act or conditions on which the approval was granted (ii) non-compliance of the terms of the agreement (iii) failure to comply with any of the condition of access granted (iv) on account of overriding public interest or for protection of environment and conservation of biodiversity (Rule 15, Sub rule 1). After having withdrawn the access permit, the Authority is required to send an order of revocation to the concerned BMC and the SBB for prohibiting the access and to assess the damage, if any, caused and steps to recover the damages (Rule 15, Sub rule 2) (<http://www.nbaindia.org/rules.htm>).

Restrictions for access to biological resources

The Act imposes certain restrictions on request related to access to biological resources and traditional knowledge if the request is on: (i) endangered taxa (ii) endemic and rare taxa (iii) likely adverse effects on the livelihood of the local people (iv) adverse and irrecoverable environmental impact (v) cause genetic erosion or affect ecosystem function (vi) purpose contrary to national interests and other related international agreements to which India is party (Rule 16, Sub rule 1) (<http://www.nbaindia.org/rules.htm>).

Procedure for prior approval of transfer of research results

Guidelines on collaborative research projects (under Section 5 of the BD Act) involving transfer or exchange of biological resources or information relating thereto between institutions, including government sponsored institutions of India and such institutions in other countries has been prepared and notified (<http://www.nbaindia.org/docs/so-1911-english.pdf>). Establishment of

Designated National Repository (DNR) (Section 39) is an essential part of the infrastructure for biodiversity conservation. DNR consists of service providers and repositories of preserved specimen consisting of all fauna, herbarium (dried plant material for research), the living cells, genomes of organism, and information relating to heredity and the functions of biological systems. DNRs also contain collections of culturable organisms (e.g. micro-organisms, plant, animal and human cells), replicable parts of these (e.g. genomes, plasmids, viruses, cDNAs), viable but not yet culturable organisms, cells and tissues, as well as databases containing molecular, physiological and structural information relevant to these collections and related bioinformatics.” The NBA has prepared guidelines on DNR and it is in the process of notification. The other guidelines such as access to bio-resources or associated knowledge for research or for commercial purpose by foreigners (Section 3 of the BD Act) and determination of equitable benefit sharing arising out of the use of accessed biological resources, their by-products, innovations and practices associated with their use and applications and knowledge (Section 21 of the BD Act), transfer of results of any research relating to any biological resources occurring in or obtained from India for further research or for commercialization (Section 4 of BD Act), intellectual property rights of invention based on any research or information on a biological resources obtained from India (Section 6 of the BD Act), biological resources normally traded as commodities (Section 40 of the BD Act), and areas of importance as Biodiversity Heritage sites (Section 37) are in the process of notification under the Act.

The Act does not permit any person to transfer the results of any research relating to biological resources obtained from India for monetary consideration to foreign nationals, companies or NRIs without the prior approval of the authority (Section 4). Approval for such transfers shall be done on the basis of an application to authority in Form II (<http://www.nbaindia.org/applications/ruleform17.htm>) along with the payment of an application fee of INR 5000/-. The authority within a period of three months from the receipt of an application shall take a decision on it. As in the case of access permits the authority shall communicate the approval for transfer of research

results to the applicant in the form of a written agreement duly signed by an authorized official and the applicant. The authority shall communicate the reasons in case a request for transfer of research results is not granted and shall give reasonable opportunity and time to the applicant for an appeal, if any (Rule 17, Sub rules 1-6).

Criteria for benefit sharing

The Act, according to Section 21 and Rule 20 of the Biodiversity Rules, (<http://www.nbaindia.org/rules.htm>) insists upon including appropriate benefit sharing provisions in the access agreement and mutually agreed terms related to access and transfer of biological resources or knowledge occurring in or obtained from India for commercial use, bio-survey, bio-utilization or any other monetary purposes. The NBA is in the process of developing a guideline based on the provision of the BD Act and the same will be notified with the specific details of benefit sharing formula in an official gazette on a case-to-case basis. While granting approvals for access, NBA will impose terms and conditions so as to secure equitable sharing of benefits. These benefits, *inter alia* include:

- a) grant of joint ownership of intellectual property rights to the NBA, or where benefit claimers are identified, to such benefit claimers;
- b) transfer of technology;
- c) location of production, research and development units in such areas which will facilitate better living standards to the benefit claimers;
- d) association of Indian scientists, benefit claimers and the local people with research and development in biological resources and bio-survey and bio-utilization;
- e) setting up of venture capital fund for aiding the cause of benefit claimers;
- f) payment of monetary compensation and other non-monetary benefits to the benefit claimers as the NBA may deem fit.

The BD Act provides for setting up of biodiversity funds at national, state and local levels. Benefits will be given directly to individuals or group of individuals only in cases where biological resources or associated knowledge are accessed directly through them. In all other cases,

monetary benefits will be deposited in the Biodiversity Fund which in turn is used for the conservation and development of biological resources and socio-economic development of areas from where resources have been accessed. The time frame and quantum of benefits to be shared shall be decided on case-to-case based on mutually agreed terms between the applicant, authority, local bodies, and other relevant stakeholders, including local and indigenous communities. One of the suggested mechanisms for benefit sharing includes direct payment to persons or group of individuals through district administration, if the biological material or knowledge is accessed from specific individuals or organizations. In cases where such individuals or organizations could not be identified, the monetary benefits shall be paid to the National Biodiversity Fund. Five percent of the benefits shall be earmarked for the Authority or State Biodiversity Board towards the administrative service charges.

The ABS procedures stipulated under the Biodiversity Act (2002) are in line with the provisions of international laws and policies, particularly CBD and the Bonn Guidelines. The entire procedures as described in the Act can contribute substantially to facilitate an international regime of ABS on genetic resources and traditional knowledge.

Peoples' Biodiversity Registers (PBRs)

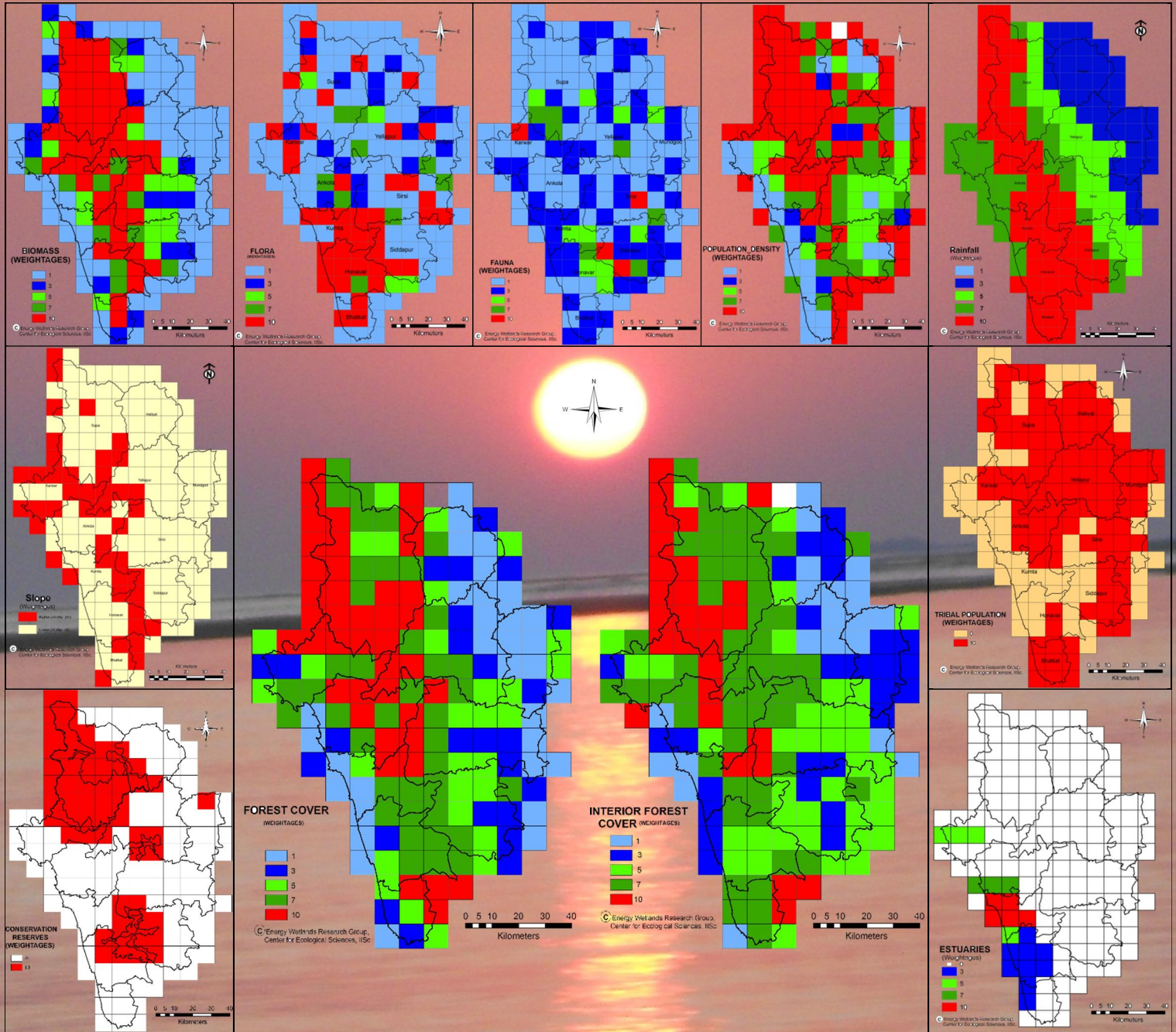
The rules promulgated under BD Act include the provision to constitute the BMCs. The main function of BMC is to prepare Peoples' Biodiversity Registers (PBR) in consultation with the local people. The register shall contain comprehensive information on availability and knowledge of local biological resources or any other traditional knowledge associated with them. Preparation of PBRs involves the active support and cooperation of a large number of people who need to share their common as well as specialized knowledge. The documentation of PBR by the BMCs includes information on bio-resources and associated knowledge gathered from individuals (Gadgil 1996). Establishment of comprehensive PBRs would not only help to inventorize and document the local biological and genetic resources, but also to conserve and sustainably use the bio-cultural diversity for rewarding income generation (Gadgil 2006). PBR also ensures active involvement of the

local and traditional communities in all decision-making processes related to biological diversity and traditional knowledge. BMCs are entrusted with the preparation of PBRs (<http://www.nbaindia.org/docs/comments-the-public.pdf>) and to assist the SBBs and NBA in matters on ABS related to local biogenetic resources and traditional knowledge. With the globalization and increasing influence of IPRs, there is an urgent need to develop appropriate national and international guidelines for implementing the provisions of ABS and thereby preventing misappropriation of traditional knowledge as well as conserving of bioresources for the future.

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