1.	**<u>Project Title</u> – Inventorization of existing floral and faunal elements in the proposed biodiversity park area at Bargi hills, Jabalpur** **<u>Executing Agency</u> -** State Forest Research Institute, Jabalpur **<u>Principal Investigator</u>–** Dr. J. L. Shrivastava. The project involved a survey of 276 hectares land at Bargi hills, Jabalpur earmarked for establishment of Biodiversity Park. A total of 86 families, 201 genera and 251 species of plants were recorded. In the survey 50 species of birds and 13 species of mammals were also recorded.
2.	**<u>Project Title</u> – Assessment of Status and role of sacred groves in conservation of biodiversity at different levels in MP.** **<u>Executing Agency</u> -** State Forest Research Institute, Jabalpur **<u>Principal Investigator</u>–** Dr. J. L. Shrivastava. A Survey of "Sacred Groves" in MP has been undertaken in collaboration with State Forest Research Institute, Jabalpur. Sacred groves are patches of natural vegetation dedicated to local deities protected by religious beliefs. In the first phase, survey of Mandla and Dindori districts was undertaken. Survey has revealed 30 sacred groves in Mandla and 19 in Dindori. List of species present in these sacred groves has been documented. In the second phase survey of Hoshangabad and Chindwara districts has been completed. The survey has revealed 78 Sacred groves in Hoshangabad and 49 sacred groves in Chindwara districts.
3.	**<u>Project Title</u> – Strategic plan for establishing/strengthening botanical garden at Bhopal** **<u>Executing Agency</u> -** Sarojini Naidu P.G. Govt. Girls College, Bhopal **<u>Principal Investigator</u> –** Dr. Shashi Rai The Project involved phyto-diversity survey of central eco-regions covering Bhopal, Vidhisha, Raisen, and Sehore districts. It also included identification of Rare, Endangered Threatened (RET) species and their current status in the eco-regions. The survey revealed 113 species of plants in Raisen, 97 species in Vidhisha, 85 species in Sehore and 788 species in Bhopal district. In the survey 29 RET species were also recorded. Some of the RET species identified in the survey are Ratti, Satawar, Baichand, Amla, Gurbel, Safed musli etc.

4.	**<u>Project Title</u> – Floral Biodiversity of Ujjain Division, their status cataloging and documentation.** **<u>Executing Agency</u> –** Institute of Environment Management and Plant Sciences, Vikram University, Ujjain. **<u>Principal Investigator</u> –** Dr. V. P. Singh. The Project involved phyto-diversity survey of Ujjain division in Malwa eco-region. The survey revealed a total of 947 of which 918 species belonged to Angiosperms, 13 Gymnosperms, 09 pteridophytes, and 07 Bryophyte species. The project also involved cataloguing of useful medicinal plants available in Malwa region. An inventory of 173 medicinal plants has been prepared.
5.	**<u>Project Title</u> – Building up a community based conservation Education Programme for the globally threatened bird Lesser Florican (Sepheotide indica) in Madhya Pradesh.** **<u>Executing Agency</u> -** Centre for Environment Education, Bhopal. **<u>Principal Investigator</u> –** Dr.Supriya Jhunjhunwala The project involved a survey of ***Lesser florican***, commonly known as **"Kharmore"** a globally threatened bird species in Ratlam and Dhar districts to gather baseline data to develop a conservation programme.A film has also been prepared on ***Lesser floricans.*** The survey was conducted by CEE.
6.	**<u>Project Title</u> – MP Bird Vocalizations** **<u>Executing Agency</u> -** Indian Institute of Forest Management, Bhopal **<u>Principal Investigator</u> –** Dr. Pratap Singh The project involved making of an interactive audio CD of vocalizations of birds of Madhya Pradesh – "Piyu". Piyu is a repository of 140 calls of birds found Central India. Along with calls Piyu also provides basic information, a photo, IUCN threat status and call spectrogram for each bird. Piyu has been designed for use by individual users for personal reference and also for interactive and automated group presentations. It can also be used at wildlife interpretation centers to sensitize visitors and to train field staff & tours as a learning resource and identification tool.
7.	**<u>Project Title</u> – Threats of sand mining on the nesting of turtle and ghariyal in**

	the National Chambal Sanctuary, Madhya Pradesh. **Executing Agency –** School of studies in Zoology, Jiwaji University, Gwalior **Principal Investigator –** Shri Sitaram Taigor The project involved survey and identification of key habitats and nesting sites of Gharial, Mugger, Turtle, Dolphin and Otters in National Chambal Sanctuary and assessment of threat factors. A total of 09,07 and 09 key habitats were identified for gharial, Muggers and Dolphins respectively. A total of 865,194,91,796 individuals of gharials, Muggers, Dolphins and Turtles respectively sighted during the survey. Major threats identified-Sand mining, Fishing, agricultural practices, Ferry, Water extraction, nest predation and poaching.
8.	**Project Title – A survey of critically endangered forest Owlet in Madhya Pradesh** **Executing Agency -** Enviroserch **Principal Investigator –** Dr.Jayant Kulkarni A survey of ***Heteroglaux blewitti*** commonly known as "Forest owlet" a critically endangered bird was carried out by Envirosearch, a pune based NGO. The survey was carried in the teak bearing forests of MP.A total of 21 forest owlet individuals were located in Burhanpur and Khandwa districts. A CD has been prepared giving information on its appearance, main identification features.
9.	**Project Title – Biodiversity of fish species in Aquatic ecosystem of Rewa district.** **Executing Agency -** Govt. Model Science College, Rewa **Principal Investigator –** Dr. S.N.Shukla The project involved a study of biodiversity of fish species in different water bodies of Rewa district. The major water bodies selected for the study were Tons, Beehar, Bichhia rivers, Gorama and Jarmohara dams and Govindgarh lake. In all 54 fish species have been recorded in the study. The distribution and abundance of these species in different resources was also recorded.6 species of exotic fishes viz Silver carp, Common carp, Scale carp, Tilapia were also recorded. Maximum species were recorded from Tons river followed by Govindgarh and Gorama dams. In the study 6 species of fishes - *Bagarius bagarius, Wallaga attu, Catla catla, Tor*

	tor and Nandus nandus, Labeo calbasu and Chanda ranga were identified as threatened.
10.	**<u>Project Title</u> – Status of Fish Biodiversity in some protected areas of Narmada River Basin** **<u>Executing Agency</u> -** Barkatullah University, Bhopal **<u>Principal Investigator</u> –** Dr. Vipin Vyas The project entailed a study of status of fish biodiversity in some protected aquatic areas of Narmada basin. In the study Fish Biodiversity a stretch of Narmanda river between Shahganj and Bandua was studied. A total of 47 species of fishes have been recorded in various locations. The study revealed that the selected 22 km stretch harbors 50% of total reported species thus rich in Biodiversity. The study also involved socio-economic survey of fishermen community of the area.
11.	**<u>Project Title</u> – Phyto-diversity of Chambal Region with Special reference to the conservation Strategy of threatened taxa.** **<u>Executing Agency</u> –**Institute of Ethnobiology, Jiwaji University, Gwalior **<u>Principal Investigator</u> –** Dr. A. K. Jain The Project involved phyto-diversity survey of Chambal eco-region covering Gwalior, Bhind, Morena, Datia, Sheopur, Shivpuri, AshokNagarand Guna districts. It also included identification of Rare, Endangered Threatened (RET) species and their current status in the eco-region. The survey revealed 287 species of plants in Ashok Nagar district, 438 species in Gwalior, 170 species in Morena and 412 species in Guna district. In the survey 35 RET species were also recorded.
12.	**<u>Project Title</u> – Status Survey of some locally used medicinal plants in Vindhya eco-region.** **<u>Executing Agency</u> -** Government Model Science College, Rewa. **<u>Principal Investigator</u> –** Dr. S. N. Mishra The project involved status survey, collection, identification; taxonomic characterization of some locally used important medicinal plants of Vindhyan eco-region. The Survey revealed 286 species of medicinal plants. In the study medicinal uses of these plants also have been recorded. Out of these medicinal plants 3 species

	–Kali haldi, Telia Kand and Kali Bach were found to be extinct in the wild. In the study 42 species were found to be critically Endangered and 87 species were categorized as Endangered. The survey has also documented vaidyaraj, knowledgeable persons, local gunia, bhomkas in these districts and collected information related to use of these medicinal plants.
13.	**Project Title – Documentation of biodiversity status in Mandla and Dindori Districts** **Executing Agency** - State Forest Research Institute, Jabalpur. **Principal Investigator –** Dr. J. L. Shrivastava The project involved a documentation of Biodiversity status of Mandla & Dindori districts. The project involved documentation of Flora, Wildfauna, livestock, Fish, agricultural diversity and cultural diversity in these districts. In addition 2 PBRs (Peoples Biodiversity Register) have been prepared in two villages of each block. Floristic survey of Mandla has revealed a total of 1006 species (162 trees, 71 shrubs, 681 herbs, 51 climbers, 02 parasites and 39 species of grasses). Some biodiversity rich areas in Mandla district also have been identified in the study. Floristic survey of Dindori has revealed a total of 1104 plant species (206 trees, 132 shrubs, 475 herbs, 115 climbers, 02 parasites and 172 species of grasses).
14.	**Project Title – Lichen Diversity of Rewa and adjacent area of Vindhyachal in relation to bio-monitoring studies** **Executing Agency** - National Botanical Research Institute, Lucknow **Principal Investigator –** Dr. D. K. Upreti The project involves survey, collection and identification of lichens in Rewa and adjacent districts. Identify distribution of different growth forms of lichens growing on diverse substrates (rocks, trees, decaying wood and soil) and identify sensitive/tolerant indicators and their ecology. A field guide of the common lichens of the area for use of naturalist and tourists will be published at the end of the project
15..	**Project Title – Aquatic biodiversity documentation and suggesting measures for their conservation in major rivers and ponds of Madhya Pradesh** **Executing Agency** - Barkatullah University, Bhopal

	Principal Investigator – Dr. Vipin Vyas The project involves documentation of current biodiversity profile in the major water bodies of M.P. It also aims to address factors adversely affecting aquatic biodiversity and to prepare management plans for conservation of endangered species. It will also assess the role of fishery as a source of livelihood. The project area covers selected sites in Betwa, Tapti, Chambal, Ken, Son rivers and major reservoirs viz Gandhisagar, govindgarh, Halali etc.
16..	**Project Title – Collection, maintenance, characterization and evaluation of land races of small millets especially for biotic stresses in the tribal areas of Rewa division of MP.** **Executing Agency -** College of Agriculture, Rewa **Principal Investigator –** Dr. A. K. Jain Project involves collection of land races of Small millets along with passport data about ITKs and value addition food. To study genetic diversity among the collected germplasm for yield, yield attributes and biotic stresses.
17.	**Project Title – To study utilization pattern of plant in ethno-medicinal use prevalent in tribal pockets of Satpura Plateau in Madhya Pradesh.** **Executing Agency –** Tropical Forest Reseasrch Institute, Jabalpur **Principal Investigator –** Dr. V. Nath The project involves documentation of traditional knowledge on ethno-medicinal uses of plants from tribal community in Mandla, Katni, Jabalpur and Chindwara districts. It also involves documentation of utilization pattern of these medicinal plants and their parts in different formulation by traditional healers. The study will also provide the channels involved in procurement of herbal plants as raw material for preparation of finished products and their marketing.
18.	**A digital data base of Biodiversity of Madhya Pradesh at tehsil level, consisting of different layers viz. Terrestrial Biodiversity, Aquatic Biodiversity, Medicinal Plants Biodiversity, Agricultural Biodiversity, Poultry Biodiversity and Livestock Biodiversity is being developed by MAPCOST.**