

## Ongoing Projects of Assam State Biodiversity Board:

### 1. Study the Diversity of Spiders of Upper Assam with special reference to KNP.

- Principal Investigator: Mr Phalgun Chetia, Researcher, Dibrugarh University
- Project Duration : 9 months
- Budget : Rs 2.0 Lakh
- Final Report received.
- 122 species belonging to 20 Family recorded.
- Among these, 10 species are endemic to India.
- A Handbook on Identification of Spiders is under process for publication.

### Few photographs of the Spider Project



*Araneus mitifica*



*Gasteracantha dalyi*



*Nephila kuhli*



*Pardosa pseudoannulata*



*Olios milleti*



*Thiania bhamoensis*

**2. Inventory and Documentation of Insect Fauna of Assam from existing entomological resources/ information.**

- Study Area: Assam
- Institute : University of Science & Technology, Meghalaya (USTM)
- Principal Investigator : Dr. Moushumi Das, Assistant Professor
- Budget : Rs 7.89 Lakh (Rupees Seven lakh & Eighty nine thousand only)
- Time frame: 2 Years

**Expected Outcomes:**

- A detail inventory of insect orders up to species level from existing records.
- A photo graphic record of all the documented species.
- Verification of previous records older than 10 years.
- Documentation of nutritional, medicinal, ecological and other economic importance of prioritized species.

**3. Study on the Fish Diversity in Brahmaputra River inside Assam to identify the threatened species, evaluate and determine their present conservation status and needs.**

- Study Area: Brahmaputra River inside Assam
- Agency : Dolphin Foundation, Guwahati
- Principal Investigator : Dr. Sujit Bairagi
- Budget : Rs 38, 77,000/- (Rupees Thirty Eight Lakh & Seventy Seven thousand only)
- Time frame: 2 & half Years

**Expert Group for Monitoring:**

- Dr. Amalesh Dutta, Prof, Dept. of Zoology, (Fishery), GU
- Dr. P. C. Bhattacharjee, Board Member
- Dr. B. K. Bhattacharjya, Scientist, CIFRI
- Dr. M. M. Goswami, Prof & HoD, Dept of Zoology (Fishery), GU
- A.K. Johari, Member Secretary-ASBB

### **Expected Outcomes**

- An inventory list of all existing species of Brahmaputra River Stretch in Assam
- A list of prioritized species in terms of conservation status.
- A list of potential Commercially important fish for ex-situ conservation
- Conservation concerns and suggested strategies.
- A High Quality Pictorial Technical Report including Introductory Chapter comprising information on Fish in Assam culture, Fish Habitat, Fishery Practices in Assam, Fishery Organizations in the state, center of excellence in fishery of the state, Individual/ Scientists working in this field, Legislations related to fish conservation, Traditional knowledge systems associated with fish in the state, scope of further research/ works, etc.
- A digital database

#### **4. Documentation of the commonly traded Rare & Endemic Wild Edible Bio-Resources from the Local Markets of Central Assam.**

- Study Area: Central Assam
- Principal Investigator : Puspa Komor, Research Scholar, Dept. of Geography, Gauhati University
- Budget : Rs 3.3 Lakh (Rupees Three Lakh & twenty thousand only)
- Time frame: 1 Years

### **Expected Outcomes:**

- A detail list of edible plant & Animal bio-resources traded by local communities.
- Details of socio economic uses of endemic bio-resources.
- Details of livelihood dependency of the local communities on these bio-resources.
- Publication of a multicolored pictorial book on rare and endemic wild bio-resources of Assam.