

Project Update: August 2016

We have surveyed the dragonflies of Bangladesh in different regions of Bangladesh from April to August 2016. We have encountered a few interesting species most notably *Gynacantha khasiaca*, an IUCN Red listed Data Deficient species. We have first captured a juvenile male of the species in May 2016 by light trapping. Then later in June 2016 from our expedition we have found a good number of *G. khasiaca* species in one of the national park of the Sylhet region. The species, only known from Indian subcontinent, is not recorded for the last 30 years. The last viable species were recorded from Nepal around 30 years earlier. Our present record have shed light on the species, and will helpful to assess the species in future.

We have added a few new species to the odonata fauna of Bangladesh e.g *Lestes praemorsus*, *Prosticaria autumnalis*, *Calicnemia imitans*, *Ceriagrion rubiae*, two *Burmagomphus* species and an *Asiagomphus* species, we are currently working to identify them on species level.

One of the major goal of our projects were to involve citizen scientists in odonatological researches. We have involve a few citizen scientists in different parts of the country and they are contributing to our odonata fauna. Till date, our citizen scientists have added four species to the odonata fauna of Bangladesh, *Euphaea masoni*, *Dysphaea walli*, *Onychothemis testacea* and *Camacinia gigantica*.

We have involved ecoguardian in biodiversity and conservation research in north east and south east region of Bangladesh. We have disseminated knowledge of the importance of the biodiversity and conservation of the dragonflies and involved them to protect their habitat.

We are updating the database "Odonata of Bangladesh (www.odobd.org)" on a regular basis. Currently the database contains 92 species with their photographs, taxonomy, distribution, ecology, habitat and genomic and proteomic information. We have presented an article in the 3rd National Conference on Natural Science & Technology and our presentation received second runner up award in oral presentation section.

Currently we are working on the book and hopefully it will be ready to publish by the end of the year.