

# **Dr. Onkar Nath Maurya**

N.E.T.(U.G.C./C.S.I.R.),G.A.T.E., Ph.D.(Botany)

**Scientist- C**

Central National Herbarium

( Joined on 01.09.2011)

Title of Thesis - 'Micro - Morphological Studies on  
Foliar Surface of Some Indian Taxa of Rutaceae'

Ph.D. Guide- Prof. C. L. Verma(Retd.)

University of Lucknow, Lucknow

# **Annual Action Plan Project**

**1. FLORA OF UDHWA LAKE BIRD WILDLIFE  
SANCTUARY, SAHIBGANJ, JHARKHAND  
DR. P. VENU, SCIENTIST G(RETD.) & DR. O.N.  
MAURYA**

**DURATION-2012-2013(SUBMITTED)**

**AS A RESULT OF THE PRESENT STUDY, A TOTAL NUMBER OF 113 SPECIES OF ANGIOSPERMS BELONGING TO 92 GENERA OF 47 FAMILIES HAVE BEEN RECORDED. AMONG THE TOTAL SPECIES, DICOTYLEDONES COMPRISE 35 FAMILIES, 64 GENERA AND 79 SPECIES AND MONOCOTYLEDONS COMPRISE 12 FAMILIES, 28 GENERA AND 34 SPECIES. OUT OF THE TOTAL 47 FAMILIES, DICOTYLEDONES REPRESENT 74.45 % AND MONOCOTYLEDONS REPRESENT 25.53 %.**





Plate I A. Entrance of the Sanctuary; B. View of the Lake; C. View of the Lake showing Birds; D. Vegetation inside Lake; E. *Euphorbia heyneana* Spreng.; F. *Monochoria vaginalis* (Burm.f.) C.Presl; G. *Nymphaea nouchali* Burm.f.; H. *Nymphaea rubra* Roxb. ex Andrews .

## 2. Flora of Vikramshila Gangetic Dolphin wildlife sanctuary, Bhagalpur, Bihar



Dr. O. N. Maurya

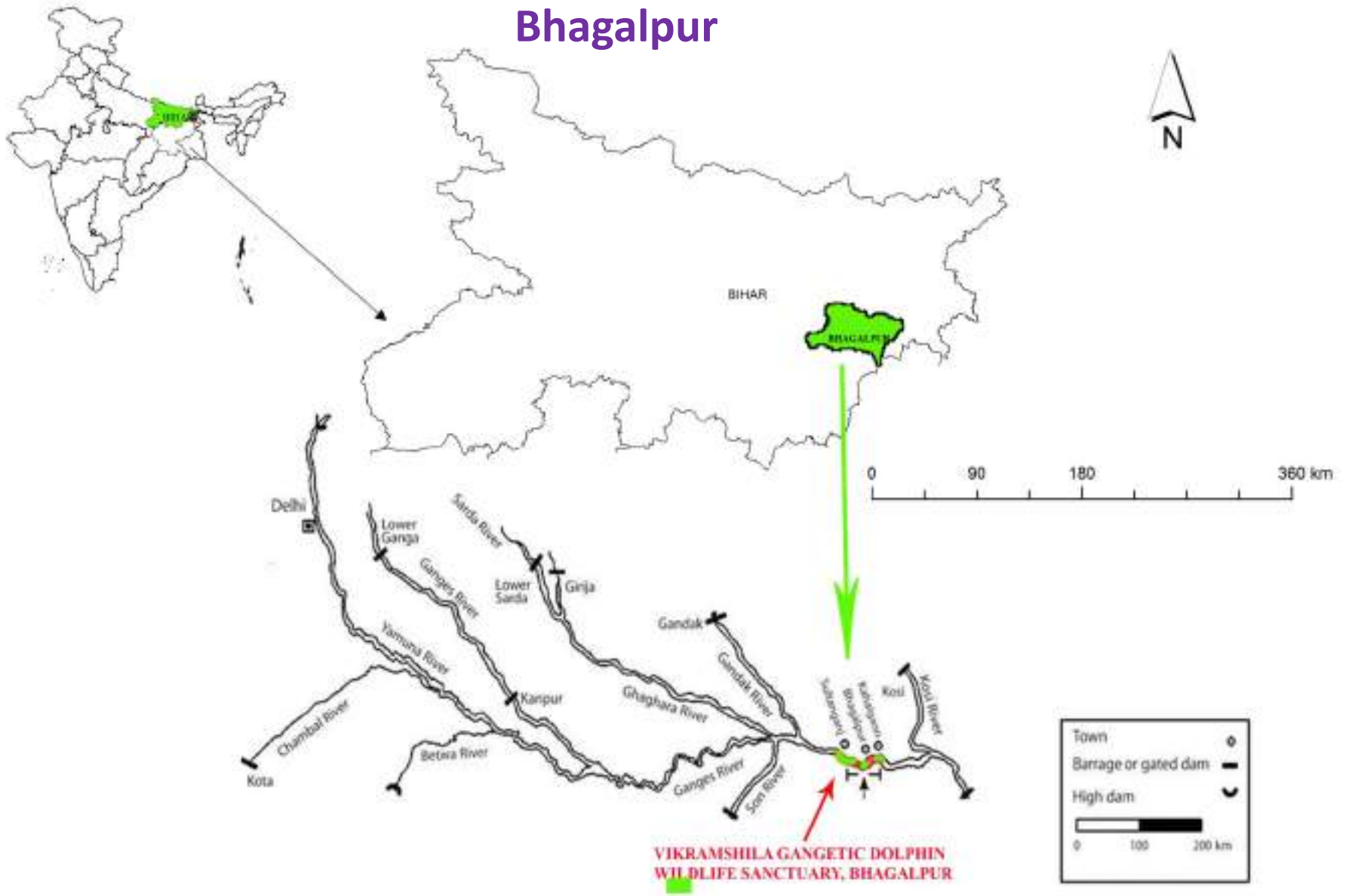
Duration- 2013-2016 ( To be submitted by end of Feb. 2017)

A total of 114 species finalized so far and rest field nos. are being confirmed/identified.

- Total field Numbers collected:353.
- Field Nos. identified:289.
- Description of 72 species completed.



# Location Map of V.G.D. WLS, Bhagalpur



# State Flora

- a. Updated the taxonomic status and descriptions of 23 genera and 38 species of family **Apocyanaceae** for '**Flora of West Bengal Vol.III**' and submitted the manuscript.
  
- b. The taxonomic descriptions of 31 species under 15 genera belonging to following families i.e., **Portulacaceae, Tamaricaceae, Geraniaceae, Trapeolaceae, Oxalidaceae, Avertrhoaceae, Elaeocarpaceae, Linaceae, Erythroxylaceae & Malphighiaceae** for **Flora of Bihar and Flora of Jharkhand Vol.I**. completed.
  
- c. The taxonomic descriptions of taxa belonging to following families i.e. **Cuscutaceae, Scrophulariaceae, Orobanchaceae, Lentibulariaceae, Gesneriaceae, Pedaliaceae** (c. 98 spp.) for **Flora of Bihar & Flora of Jharkhand Vol.III** is being prepared.



# Summary

- No. of project carried out: 01(jointly) &01(individually).
- No. of project being carried out: 01(jointly)- **Flora of Udaipur wildlife sanctuary, Bettiah, Bihar(2017-2019).**
- No. of papers published:  
02(individually);03(jointly);01(as first author).
- No. of new report to India:01-*Bromelia pinguin* L.
- No. of seminars/conference/workshop attended:  
01International(2013), 01 National(2014), 01  
Nomenclature Workshop(2017)

*Bromelia pinguin* L.



## Administrative Duties

- Acted as **DDO**- Central National Herbarium from July 2012 to April 2013.
- Attending **Court Cases in Calcutta High Court, Howrah Civil Court** etc. in relation to **CNH land 191, Andul Road & 77(Part) D.S. Lane, Howrah** from April 2012. Procured all related documents from different sources, **got mutation from Land record dept. in name of C.N.H.**
- **Revived and made operational the Scanning Electron Microscope Quanta200** which was lying out of order from 2008.
- Managed e-auction of condemned items of CNH in 2016 as Chairman of Auction Committee.
- Verification of different files from **1960- present day lying in CNH store** for proper disposal and cleaning of store (**going on**).
- Acted as member in various committees of Central National Herbarium i.e. **Tender Evaluation committee, fire drill committee, purchase committee, canteen management committee** etc.

# Future Plan

- Exploration of Udaipur wildlife sanctuary, Bettiah, Bihar(2017-2019).
- Micromorphological studies of selected taxa using SEM .
- Trees of Kolkata- a pictorial catalogue with brief description.

*Thank you*