

Proposed Title for Ph.D. Degree

Phytodiversity of Sariska Tiger Reserve, Alwar **District**, Rajasthan



**Maharshi Dayanand Saraswati University
Ajmer, Rajasthan**

Ravi Prasad, Botanical Assistant

Supervisor Dr. K.L. Meena, Sr. Lecturer, M.L.V. Govt. College, Bhilwara	Co-Supervisor Dr. S.L. Meena, Scientist- D, BSI, AZRC, Jodhpur
--	---

Date of Joining BSI 27.01.2014

I. ANNUAL ACTION PLAN PROJECTS CARRIED OUT

Ethnobotany of Dang District, Gujarat

Name of the Executing Scientist: Shri Vinod Maina, Scientist- D & Shri Ravi Prasad, Bot. Asstt.

Tenure of the Project: 2012 – 2015 (*ca.* 1000 sq. km.)

Name of the Regional Centre: BSI, A.Z.R.C., Jodhpur

Status of the Project:

- **Field tours conducted= 6**
- **Live plant species collected= 35**
- **Museum specimens collected= 54**
- **Documented and published 15 plants of ethno veterinary importance.**
- **Check list of 310 plant species has been prepared.**

II. CURRENT PROJECT

Flora of Sariska Tiger Reserve, Alwar District (Raj.)

Name of the Executing Scientist: Dr. M.K. Singhadiya, Botanist & Shri Ravi Prasad, Bot. Asstt.

Tenure of the Project: 2015 – 2019 (*ca.* 1213.33 sq. km.)

Name of the Regional Centre: BSI, A.Z.R.C., Jodhpur

Status of the Project:

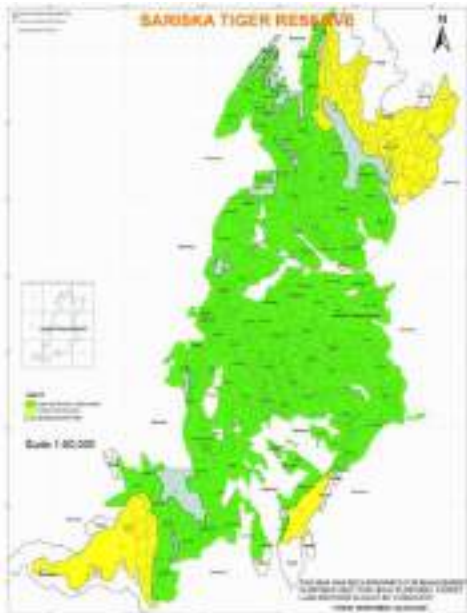
Tour undertaken: Two

Field number collected: 640

Live plants collected: 07 species

Identified: 149 field numbers

Last tour specimens are under process of mounting and stitching





FLORA OF INDIA

VOLUME 9

SAXIFRAGACEAE – LECYTHIDACEAE

Editors

V. SINGH

P. SINGH

CONTRIBUTION

RAVI PRASAD & V. SINGH

Family **Philadelphaceae**

- 2 genera, 6 species and 2 varieties in India
- Reproduced manually typed manuscripts/ hardcopies to digital forms.
- Worked along with **Dr. V. SINGH**, Retd. Scientist-'F' & Ex-Additional Director, BSI and learned how to write Flora and core plant taxonomy.
- Duration: **January 2014 to March 2015**

Ex-situ conservation of RET and economically important species of the Arid region in the Experimental Garden of AZRC and documentation of phenological data on flowering & fruiting.

Sri Vinod Maina, Scientist D, Dr. R. Kumar, Scientist C, Dr. C. S. Purohit, Scientist B, Dr. M. K. Singhadiya, Botanist, Dr. H. K. Peddi, Bot. Asstt. and Sri Ravi Prasad, Bot. Asstt.

➤ Look after garden management.

➤ Regularly observe the growth and survival of introduced species and recorded **phenological data** of plants along with their **photography**.

➤ Prepared **40** bilingual plant name plates matter for Botanic garden and placed them accordingly.

➤ Conducted local tours of Udaipur, other areas such as Osian, Bap, Dhanwa etc, collected and introduced important species.

➤ Successfully germinated the seeds of *Sesbania grandiflora* ([L.](#)) Poiret.

• Introduced *Amomum subulatum* L, *Kaempferia rotunda* Jacq. and *Kaempferia galanga* L. *Costus erythrophyllus* Loes., *Bixa orellana* L., *Cyphomandra betacea* (Cav.) Sendtn., *Heliconia rostrata* Ruiz & Pav. from Darjeeling, West Bengal.

- **Herbarium: 10,674** Herbarium sheets incorporated in BSJO with our team.
- **Technical work, Museum work**
- **Performing duty as Organising secretary during different events**
- **Secretary of Phytan club, BSI, AZRC**

Number of projects carried out

- a. Individually : Nil
- b. Jointly : 3 (2 ongoing)

Number of books written/compiled/edited :
one book chapters published

Number of papers published : 7 papers

- a. Individually: 1
- b. First author: 1
- c. Co- author : 5 papers

New reports : States= 6

New addition to the lichen flora of Uttar Pradesh (along with Dr. D.K. Upreti & Dr. Sanjeeva Nayaka of NBRI, Lucknow)



Future Research Plan

- ✓ **Establishment of Specially Designed Sensory Botanic Gardens for Visually Impaired or Multi-impaired Person**
- ✓ **Ethnobotany of Lepcha tribe**



HOOKER ROAD

This road was named after an eminent British Botanist, Biographer and a traveller Sir JOSHEP DALTON HOOKER who had resided in this particular area during his stay in Darjeeling. Born in Hales Worth Suffolk England, on the 13th of June 1817 was the youngest son of Sir WILLIAM DALTON HOOKER and MARIA HOOKER.

Sir HOOKER came to Darjeeling for study of Flora of Eastern Himalayas 1847-1849 from his study he wrote a world famous book on Flora of British India, (1872-97) where he has highlighted the names of different localities of old Darjeeling many times.

Sir HOOKER died in stunning date Beckshire on the 10th of December 1911.

Courtesy :- NAVA JAGARAN SANGH
Hooker Lebong Road, Darjeeling.

HOOKER ROAD

This road was named after an eminent British Botanist, Biographer and a traveller Sir JOSHEP DALTON HOOKER who had resided in this particular area during his stay in Darjeeling.

Born in Hales Worth Suffolk England, on the 13th of June 1817 was the youngest son of Sir WILLIAM DALTON HOOKER and MARIA HOOKER.

Sir HOOKER came to Darjeeling for study of Flora of Eastern Himalayas 1847-1849 from his study he wrote a world famous book - on Flora of British India, (1872-97) where he has highlighted the names of different localities of old Darjeeling many times.

Sir HOOKER died in ~~stunning date~~ Beckshire on the 10th of December 1911.

Courtesy :- NAVA JAGARAN SANGH
Hooker Lebong Road, Darjeeling.



T



H

A

N

K

S