


Dr. H.S. Mahapatra

Scientist 'D'
BSI, HQ, Kolkata





Ph.D. work

JRF - 1984 - 1986

SRF- 1986 - 1987

Title : “**Flora of Phulbani District of Odisha**”

under the guidance of Prof. S. P. Rath of Utkal University, Bhubaneswar

Project : ‘**District Flora Scheme**’ of Botanical Survey of India

Project co-ordinator: Dr. U. C. Bhattacharya, BSI

Designation/ Grade	Period From - To	Type of Duties & Functions
JRE	17.09.1984 to 16.09.1986	Project: “ Flora of Phulbani District of Orissa ”
SRF District Flora Scheme, BSI	17.09.1986 to 16.09.1987	Survey and documentation under the ‘ District Flora Scheme ’ of BSI under the guidance of Prof. S.P. Rath of Utkal University, Bhubaneswar. Project co-ordinator - Dr. U.C. Bhattacharya, BSI
Junior Scientific Assistant, Ecology Section, HQ, BSI	25.11.1987 to 13.07.1995	Survey, identification and documentation of plants under the project ‘ Flora of Indian Coasts ’. <i>‘Diversity of Coastal Plant Communities in India’</i> published by ENVIS.
Botanical Assistant Grade II CNH, BSI	14.07.1995 to 13.07.1997	Survey, identification and documentation of plants, maintenance of herbarium
Botanical Assistant Grade II Technical Section, HQ, BSI	14.07.1997 to 30.05.2002	Preparation of Scientific & Technical reports
Scientist -'B' HQ, BSI	31.05.2002 to 12.04.2003	Data collection for preparation of Database of CNH, Howrah and other administrative work.
Scientist -'B' Arunachal Field Station, BSI, Itanagar	16.04.2003 to 31.03.2008	Survey, collection, identification and documentation of Flora of Tawang district , Arunachal Pradesh. EIA studies of four Hydel Projects sites of NHPC in Arunachal Pradesh. Discharged the duty of H.O.O. and D.D.O. as and when required.
Scientist -'B' Indian Botanic Garden, BSI, Howrah	01.04.2008 to 11.09.2008	Curatorial work in Indian Botanic Garden including monitoring, maintenance & introduction of plants.
Scientist- 'C' Scientist- 'D' Indian Botanic Garden, BSI, Howrah	11.09.2008 to 01.07.2013 27.02.2015	Collection, introduction and multiplication of RET&E, Medicinal, Ornamental, Economic and other species of special interest in AJC Bose Indian Botanic Garden, Howrah through live plant collection tours for <i>ex-situ</i> conservation.
Scientist- 'D' HQ, BSI	01.04.2015 onwards	DDO, HQ, BSI Grievance Redressal Officer, BSI Chairman, Ad hoc Committee for outstanding Audit paras of BSI. Member of Tender Committee. BSI Member of Senior Purchase Committee, BSI



Tenure in APRC, BSI, Itanagar

Noteworthy contributions:

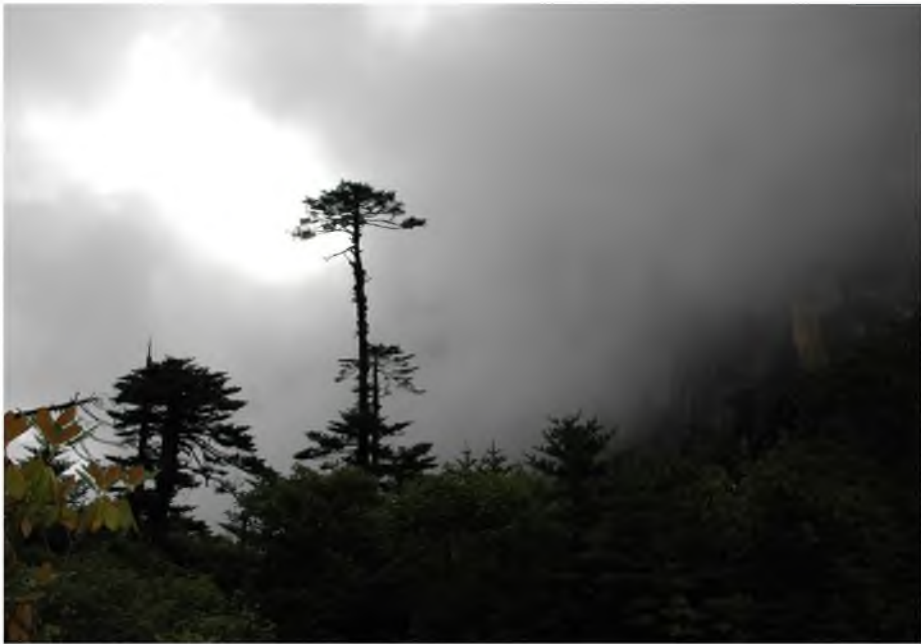
- Carried out EIA studies of 4 proposed Hydroelectricity Projects sites of NHPC and submitted Preliminary Feasibility Report – a paper on this work published in *Phytotaxonomy*
- Flora of Tawang District - worked out the project and submitted report in time. Revised and final manuscript submitted for publication – in press
- Publications- 11 nos.



Entry point of Tawang at Sela









Tenure in AJCB IBG, BSI, Howrah


Noteworthy Contributions:

- Took lead role in preparing Census of plants in AJCBIBG - a book published
- Worked out the diversity of wetland macrophytes in AJCBIBG - paper communicated
- Studied on development of buttresses in some tree species in AJCBIBG – paper communicated
- Publication – 12 nos.









Tenure in HQ, BSI, Kolkata

- DDO, HQ, BSI
- Grievance Redressal Officer, BSI
- Chairman, Ad hoc Committee for outstanding Audit paras of BSI
- Member of Tender Committee of BSI
- Member of Senior Purchase Committee of BSI

Publications

Books published:

1. Orissa in *Floristic Diversity and Conservation Strategies in India* Vol.III(1299-1342), Sahoo, A.K., D.D.Bahali and **H.S. Mahapatra** (1999) Botanical Survey of India, Kolkata.
2. *Census of Plants in Acharya Jagadish Chandra Bose Indian Botanic Garden, Howrah - a report*. Debnath, H.S., **H.S. Mahapatra**, S.S.Hameed and P.V. Sreekumar (2014) Botanical Survey of India, Kolkata.
3. *Flora of Tawang District, Arunachal Pradesh*. **H.S. Mahapatra** – in press.

Research Papers Published:

1. **H. S. Mahapatra** & S. P. Rath (2004) Studies on vegetation and phytodiversity of Phulbani district, Orissa. *Phytotaxonomy*. 3:124-129.
2. **H. S. Mahapatra** (2004) Lesser known wild ornamental plants of Arunachal Pradesh. *J. Non-timber For. Prod.* 11(3): 212-214.
3. **H. S. Mahapatra** (2006) Orchids of North East India : Conservation and Export potential. *Talk in English broadcasted by All India Radio, Itanagar on 13.08.06*.
4. **H. S. Mahapatra** & A. K. Baishya (2005) : Assessment of floristic diversity in proposed sites of Hydroelectric power projects in Arunachal Pradesh. *Phytotaxonomy* 5 : 120-130.
5. **H. S. Mahapatra** (2006) A note on some poisonous plants of Arunachal Pradesh. *J. Econ. Taxon. Bot.* 30 (Suppl.): 243-246.
6. **H. S. Mahapatra** & R. K. Choudhary (2006) *Daphne papyracea* Wall. ex Steudel – A source of handmade paper in Arunachal Pradesh. *J. Econ. Taxon. Bot.* 30 (3) : 651-653.
7. **H. S. Mahapatra** & R.C. Srivastava (2006) Species diversity of the family Polygonaceae in Tawang district, Arunachal Pradesh with special reference to Indigenous Knowledge System of *Mompa* tribe & their IPR. *Proc. Sem. 'IPR : Plant varieties & Genome conservation'* p.p. 159-166 at Dr. S. P. Mukherjee College, Allahabad.

8. **H. S. Mahapatra & Homen Medhi (2008)** Unconventional wild edible fruits of Arunachal Pradesh. *J. Econ. Tax. Bot.* 32 (Suppl.)
9. **H.S.Mahapatra, S.S.Hameed and P.V. Sreekumar (2011)** *Coffea bengalensis* (Rubiaceae) in AJC Bose Indian Botanic Garden, Howrah. *ENVIS.* 16(2): 2.
10. S.S.Hameed, P.V. Sreekumar, **H.S.Mahapatra** and G.S.Giri (2010) *Ensete superbum* (Roxb.) Cheesman- a curious banana plant endemic to Western Ghats flowered in Indian Botanic Garden (IBG) Howrah. *ENVIS* Vol. 15(1): 4-5.
11. S.S.Hameed, **H.S.Mahapatra** and P.V. Sreekumar (2010) The 'Highland Betel Nut Palm' of New Guinea in AJC Bose Indian Botanic Garden, Howrah. *ENVIS* Vol. 15(2):2.
12. S.S. Hameed, **H.S. Mahapatra** and P.V. Sreekumar (2011) *Salacia fruticosa* in Acharya Jagadish Chandra Bose Indian Botanic Garden, Howrah. *ENVIS* Vol.16(1):7.
13. S.S. Hameed, **H.S. Mahapatra** and P.V. Sreekumar (2011) Fruit setting in *Kerriodoxa elegans* (Arecaceae), the *White Elephant Palm* of Thailand in AJC Bose Indian Botanic Garden, Howrah. *ENVIS.* 16(2): 5.
14. **H.S.Mahapatra, S.S.Hameed and P.V. Sreekumar (2012)** *Hiptage benghalensis* (L.) Kurz – 'the Helicopter Plant'. *ENVIS.*17 (1): 7.
15. **H.S.Mahapatra** and H.S.Debnath (2013) Notes on the occurrence of Mangroves and Mangrove Associates in AJC Bose Indian Botanic Garden, Howrah. *ENVIS.*18(1):7.
16. **H.S.Mahapatra** and H.S.Debnath (2014) Tea plants in AJC Bose Indian Botanic Garden, Howrah. *ENVIS.*19 (2).
17. **H.S.Mahapatra, A. Pramanik and P.V. Sreekumar (2014)** On the occurrence of *Aerides odoratum* Lour. and *A. multiflorum* Roxb. in AJC Bose Indian Botanic Garden, Howrah. *ENVIS.*19 (2).
18. **H.S.Mahapatra, A. Pramanik (2014)** *Dalbergia melanoxylon* Guill. & Perr.- the world's most expensive wood yielding tree in AJC Bose Indian Botanic Garden, Howrah. *ENVIS.*19 (2).
19. R. K. Gupta & **H. S. Mahapatra** (2003) Paryavaran. *Vanaspati Vani* 13 (12): 24-25.
20. **H. S. Mahapatra** (2004) Manav ke katu vanaspati mitra. *Vanaspati Vani.* 14 (13) : 48-49.
21. **H. S. Mahapatra & R. K. Choudhary (2005)** Arunachal Pradesh ke kuchh vishailey paudhe. *Vanaspati Vani* 15 (14): 15-16.

22. **H. S. Mahapatra & R. C. Srivastava (2007)** Tawang jile ki Vanaspati

vividhta . *Vanaspati Vani* 17(16): 24-26.

23. **H. S. Mahapatra (2015)** Arunachal Pradesh ke Tawang jile ki ucha parvatiya ardra bhumi aur uska sanrakshan. *Vanaspati Vani* 25(24): 37-38.

24. **B.K.Singh & H. S. Mahapatra (2015)** Acharya Jagadish Chandra Bose Bharatiya Vanaspati Udyan ki jhilon par pradyushan ka pravabh ebom uska upchar. *Vanaspati Vani* 25(24): 86-87.

25. **H. S. Mahapatra & D.L.Shirodkar (2016)** *Euryale ferox* (Nymphaeaceae) Makhana; Paschim Bangal rajya me ek sambhabit jaliya nakdi phasal. *Vanaspati Vani* 25: 109-110.

26. **H. S. Mahapatra, S.S. Hameed & S.S.dash (2016)** Contribution of AJC Bose Indian Botanic Garden, Howrah in Germplasm Conservation. *Indian Botanic Gardens- Role in Conservation*. Botanical Survey of India, Kolkata - in press.

27. **H. S. Mahapatra, S.S. Hameed & P.V Sreekumar (2016)** Buttresses in some tree species in Acharya Jagadish Chandra Bose Indian Botanic Garden, Howrah. *Indian Botanic Gardens- Role in Conservation*. Botanical Survey of India, Kolkata - in press.

28. **H. S. Mahapatra, B. K. Singh & P.V Sreekumar (2016)** Diversity of wetland macrophytes in Acharya Jagadish Chandra Bose Indian Botanic Garden, Howrah. *Indian Botanic Gardens- Role in Conservation*. Botanical Survey of India, Kolkata – in press.



THANK YOU