

## Appendix I

### Published paper

1. **Borah, N. J.**, Dutta, B. K., Mazumder, P. B. and Das, A. K. (2013). *Smilax glabra* Roxb. : a less known wild medicinal plant of North East India and its conservation . *Journal of non Timber Forest Product.* 20 (4): 249-252.
2. **Borah, N. J.**, Dutta, B. K., Mazumder, P. B. and Das, A. K. (2014). Vegetative Propagation of *Bulbophyllum Careyanum* (Hook.) Spreng. of Southern Assam. *International Journal of Current Research.* 6(9): 8278-8281.

## Appendix-II

### Paper presented/ published abstract

1. Presented a paper entitled 'A Less Known Wild Medicinal Plant *Smilax glabra* Roxb. (Chukchini) and Its Conservation for Sustainable Development of Our Ecosystem and Future Generation of Assam', in the International Conference on 'Global Ecosystem, Biodiversity and Environmental Sustainability in the 21<sup>st</sup> Century (ICGEBEnS 2012) held at Assam University, Silchar during 15-17 February 2012.
2. Presented a paper entitled Vegetative propagation of *Homalomena aromatica* (Roxb.) Schott., a highly demanded medicinal and aromatic plant of Southern Assam , ), International Conference on Glo-cal Crisis and Environmental Governance in north eastern Region of India, organized by Assam University, Silchar, during 11-13 November,2013.
3. Presented a paper entitled *Smilax glabra* Roxb.: An Endangered Wild Medicinal plant of Southern Assam. National seminar on RET plants of NE India and their conservation strategies, organized by Department of botany, Gauhati university, Guwahati, during 21<sup>st</sup> March 2014.
4. Presented a paper entitled *In vitro* culture of *Bulbophyllum careyanum* (Hook.) Spreng.: a wild medicinal orchid of Southern Assam , National seminar on Advances in Biotechnology Research : current trends and future Prospects, organized by Department of Biotechnology, Assam University, Silchar, during 25-26 March 2014

## **Appendix-III**

### **Workshop Attended:**

1. Workshop on Techniques in Biodiversity Researches', organized by Department of Ecology & Environmental Sciences, Assam University, Silchar on 27 March 2010.
2. Workshop on Data Analysis using SPSS, jointly organized by Department of Business Administration, School of Management Studies, Assam University, Silchar and SPSS Inc. Bangalore on 10<sup>th</sup> and 11<sup>th</sup> December 2010.
3. Workshop on Consultation for Preparation of State Climate Change Action plan, organized by Assam Science Technology and Environment Council, Guwahati and Department of Ecology and Environmental Sciences, Assam University, Silchar, Assam, on 17 December 2010.
4. Workshop on Scientific Cultivation of Orchid in Assam, jointly organized by directorate of Horticulture & Food Processing of Assam and Assam Horticulture Society at Krishak Niwas, Agriculture Campus, Khanapara, Guwahati on 18<sup>th</sup> and 19<sup>th</sup> June, 2013.
5. Workshop on Ecological Issues & Concern; Quantitative Application, jointly organized by Indian Statistical Institute, Kolkata and Department of Ecology & Environmental Sciences, Assam University, Silchar, Assam at Department of Ecology and Environmental Sciences, Assam University, Silchar, Assam on March 23<sup>th</sup> and 24<sup>th</sup> March, 2015

## Appendix-IV

### Questionnaire

#### Survey on the Importance and Economic Utility of *Homalomena aromatica* (Roxb.) Schott. and *Smilax glabra* (Roxb.) in Southern Assam, India

1. Name of the merchant:
2. Address:
3. District
4. Age:
5. Education:

Q.1. Name of the medicinal and aromatic plants exported from Barak Valley?

- |    |    |
|----|----|
| A. | B. |
| C. | D. |

Q.2. Name of some of the highly demanded medicinal plants of Barak Valley?

- |    |    |
|----|----|
| A. | B. |
| C. | D. |

Q. 3. Name of some of the highly demanded aromatic plants of Barak Valley?

- |    |    |
|----|----|
| A. | B. |
| C. | D. |

Q. 4. What is the total amount of medicinal and aromatic plants exported from Barak Valley?

Q. 5. What are the different plants parts exported from Barak Valley?

Q. 6. Name of the District from where high degrees of medicinal and aromatic plants are exported?

Sl. No	Name of District	Position
1	Cachar	
2	Hailakandi	
3	Karimgang	

Q. 7. What is the main source of medicinal and aromatic plants?

A. Wild  B. Cultivated

Q. 8. Name of the area where *Smilax glabra* and *Homalomena aromatica* are available?

Q. 9. Is there any medicinal and aromatic garden in Barak Valley?

A. Yes  B. No

Q. 10. Is there any market place for the selling of medicinal and aromatic plants?

A. Yes  B. No

Q. 11. Is there any industry for medicinal and aromatic plants?

A. Yes  B. No

Q. 12. Name of the places where medicinal and aromatic plants are exported?

Q.13. Market price of *Smilax glabra* and *Homalomena aromatica*?

Q.14. What is the annual productivity of *Smilax glabra* and *Homalomena aromatica* from Barak Valley?

Q.15. Time of the availability of *Smilax glabra* and *Homalomena aromatica* in Barak Valley?

Q.16. What is the main important plant parts used from *Smilax glabra* and *Homalomena aromatica*?

Q. 17. Is there any industry in Barak Valley for the extraction of *Smilax glabra* and *Homalomena aromatica*?

Q.18. Name some local extraction equipments for extracting *Smilax glabra* and *Homalomena aromatica*?