

## APPENDIX 1: LIST OF PUBLICATIONS

- Prasad AK**, Mukhopadhyay A. 2016. Growth, nutritional indices and digestive enzymes of *Hyposidra infixaria* Walker (Lepidoptera: Geometridae) on artificial and natural (tea) diets. *Journal of Asia-Pacific Entomology*. 19: 167–172.
- Mukhopadhyay A, Das S, Biswa R, Subba SK, **Prasad AK**, Basnet K, Saren J, Ray M 2015. Tea pests of Terai-Dooars, Implication of their conventional control and sustainable management options-an overview. *Global Journal of Environmental Science and Research*. 2(3): 93–106.
- Prasad AK**, Mukhopadhyay A. 2015. Fitness traits of the tea defoliator, *Hyposidra talaca* (Walker, 1860) (Lepidoptera: Geometridae) on natural and artificial diets in relation to gut enzymes and nutritional efficiencies. *Annales de la Société entomologique de France*. 51(2):145–152. (IF: 0.513)
- Prasad AK**, Mukhopadhyay A. 2015. First attempt of complete rearing of tea looper, *Biston (=Buzura) suppressaria*, on artificial and natural diet. *Proceedings of the National Academy of Sciences, India Section B: Biological Sciences*. DOI: 10.1007/s40011-015-0532-y. (IF: 0.398)
- Prasad AK**, Mukhopadhyay A. 2013. A Technique to Measure the Loss in Tea Crop by the Defoliating Pest (*Hyposidra talaca* Walker) on the Basis of Dry mass and Leaf-area Parameters. *International Journal of Bio-resource and stress management*. 4(2) Special: 358–361. (NAAS rating: 4.46)
- Prasad AK**, Mukhopadhyay A. 2013. Changing life-cycle pattern of a minor looper pest of tea, *Ectropis* sp. (Lepidoptera: Geometridae) in summer and winter seasons of Darjeeling Terai. *North Bengal University Journal of Animal sciences*. 7:31–34.
- Prasad AK**, Das S, Mukhopadhyay A. 2012. Food Utilization and Fitness Traits of the folivorous looper, *Hyposidra talaca* (Walker) (Lepidoptera: Geometridae) on Tea (*Camellia sinensis*) and Chiloni (*Schiima wallichii*). *North Bengal University Journal of Animal sciences*. 6:61–65.

## APPENDIX 2: LIST OF ABSTRACT PUBLISHED IN PROCEEDINGS OF CONFERENCES/ SEMINAR/ WORKSHOPS

- Prasad AK**, Mukhopadhyay A. 2015. An alarm call: Will the looper species, *Hyposidra talaca* (Walker) (Lepidoptera: Geometridae) prove to be a specialized and severe pest of tea? National Symposium on Tea: Recent advances and Research. Tea Research Association, Tocklai, Jorhat. **(Poster Presentation)**
- Prasad AK**, Mukhopadhyay A. 2014. Performance efficiencies of two species of tea loopers *Buzura suppressaria* and *Hyposidra talaca* on newly designed artificial diets. PLACROSYM XXI. Indian Institute of Spices Research, Kozhikode, Kerala. **(Poster Presentation)**
- Prasad AK**, Mukhopadhyay A. 2013. Food utilization strategies by two congeneric looper pests, *Hyposidra talaca* and *H. infixaria* (Lepidoptera: Geometridae) of tea. *AZRA- silver jubilee International conference on "Probing Biosciences for Food security and Environmental safety"*. CRRRI, Cuttack, Odisha. **(Oral Presentation)**
- Prasad AK**, Mukhopadhyay A. 2013. Life-cycle traits of the tea looper, *Hyposidra talaca* (Walker) (Lepidoptera: Geometridae), on artificial and natural (tea) diets. *IOBC Global Working Group on Mass Rearing and Quality Assurance 13th Workshop*. NBAIL, Bangalore. **(Poster Presentation)**
- Prasad AK**, Mukhopadhyay A. 2013. Changing life-cycle pattern of a minor looper pest of tea, *Ectropis* sp. (Lepidoptera: Geometridae) in summer and winter seasons of Darjeeling Terai. *National Symposium on "Man, Animal and Environment: Interaction in the perspective of modern research"*. Department of Zoology, University of North Bengal, West Bengal. **(Oral Presentation)**
- Prasad AK**, Mukhopadhyay A. 2013. A technique to measure the loss in tea crop by the defoliating pest (*Hyposidra talaca* Walker) on the basis of dry mass and leaf area parameters. *First International Conference on "Bio-resource and Stress Management"*. Ratikanta Maiti Foundation, Kolkata. **(Poster Presentation)**

**Prasad AK**, Das S, Mukhopadhyay A. 2011. Host plant dependent changes in food utilization pattern and life-cycle traits of defoliating looper pest of tea, *Hyposidra talaca* (Walker, 1860) (Lepidoptera: Geometridae). *National Symposium on “Biodiversity & Food Security-challenges & devising strategies”*. Dheerpura Society for Advancement of Science and Rural Development & Indian Institute of Pulse Research, Kanpur. **(Poster Presentation)**

### **APPENDIX 3**

- One (01) full paper published in Journal of Asia-Pacific Entomology. 19: 167–172
- Six (06) Cover/ first page of papers published in other journals