

## LIST OF PUBLICATIONS

### Journal papers/articles

- [1] Sarma, P., and Devi, A. Tree phenology of tropical semi - evergreen forest and its correlation with climatic variables in the Eastern Himalayan region of India. *Plant Ecology*, 2025.
- [2] Singh, T. M., Thakur, B., Sarma, P., Singh, M. S., and Devi, A. Seasonal variation in the macrophyte species of Loktak Lake, a Ramsar Site in the North East India. *Journal of Bioresources* 11(June):47-52, 2024.

### Book chapters

- [1] Sarma, P., Devi, A. Alien plant invasion in the Himalayan region: A review. In Majumdar, H.C., editor, *Biological Spectrum of Northeast India*, pages 1-10, EBH, Guwahati, 2021.
- [2] Sarma, P., Devi, A. Impact of altitude and climatic parameters on the phenophases and distribution of vegetations: A review. In Majumdar, H.C., editor, *Bioluminescence*, pages 220-227, EBH, Guwahati, 2020.

### Seminars and Conferences

- [1] Sarma, P. & Devi, A. “A study on variations in species composition of different sites within a protected area of Himalayan foothills of Northeast India”. *International conference on Sustainable Development towards 2030*. Organized by Department of Environmental Sciences, Bishop Heber College (Autonomous), Tamil Nadu, India, 2023.
- [2] Sarma, P & Devi, A. “A study on forest cover alterations in Sonai Rupai Wildlife Sanctuary using LULC classification”. *An international conference on Biodiversity: Exploration Exploitation and Conservation for Sustainable Development*. Organized by Pandit Deendayal Upadhyaya Adarsha Mahavidyalaya, Behali, 2023
- [3] Sarma, P & Devi, A. “Assessment of non-native plant species in Sonai Rupai Wildlife Sanctuary, Assam, India”. *A National Seminar on Plant Taxonomy and Traditional Knowledge in the Himalayas and North-East India and Annual Conference of EHSST*. Organized by RGU, EHSST and BSI, 2022



(A)



(B)

Photo Plate 1: Scrub patches of Sonai Rupai Wildlife Sanctuary





Photo Plate 2: (A) *Aristolochia cathcartii*, (B) *Mucuna macrocarpa*, (C) *Chromolaena odorata* and (D) *Lantana camara*





(A) *Bauhinia purpurea*



(B) *Bombax ceiba*



(C) *Dillenia indica*



(D) *Gmelina arborea*



(E) *Lagerstroemia speciosa*

Photo Plate 3





(F) *Magnolia hodgsonii*



(G) *Sterculia villosa*



(H) *Tectona grandis*



(I) *Tetrameles nudiflora*



(J) *Toona ciliata*

Photo Plate 4