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)



Photo Plate 1: Scrub patches of Sonai Rupai Wildlife Sanctuary

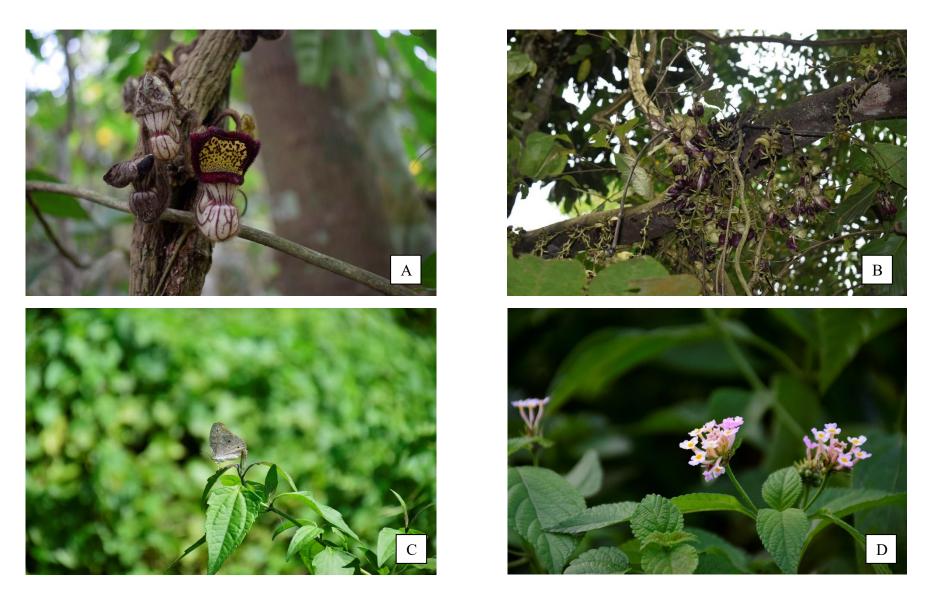


Photo Plate 2: (A) Aristolochia cathcartii, (B) Mucuna macrocarpa, (C) Chromolaena odorata and (D) Lantana camara



(A) Bauhinia purpurea



(B) Bombax ceiba



(D) Gmelina arborea



(C) Dillenia indica



(E) Lagerstroemia speciosa

Photo Plate 3



(F) Magnolia hodgsonii



(H) Tectona grandis



(G) Sterculia villosa



(I) Tetrameles nudiflora



(J) Toona ciliata