

Project Update March 2025

Updates:

1. PAM data collection complete. Automated remote acoustic sensors were deployed in 20 sites of Namdapha National Park, 20 sites of Dehing Patkai National Park, six sites of Upper Dehing East Block Reserve Forest, and four sites of Tinkopani Reserve Forest.
2. 821 out of 1700 five-minute acoustic recordings have been manually analysed for bat detections. The remaining 879 are currently being processed. The 1700 recordings belong to the 50 sites mentioned in the previous point.
3. 61 individual bats have been successfully captured, photographed, measured and released to prepare the regional call library. This includes 11 to 16 bat species. Bats have been captured from Powai Reserve forest and nearby villages, areas near Maguribeel in Tinsukia district, Bherjan-Borajan-Podumoni Wildlife Sanctuary, Jokai Reserve forest and nearby villages, Dehing Patkai National Park and nearby villages. Species identification and echolocation call characterization are in progress.



Fig1: Team members adjusting a mist net on a trail inside Jokai Reserve forest



© Pratik Das

Fig2: Researcher (myself) taking morphometric measurements of a captured fruit bat (*Cynopterus sp.*)



Fig3: *Hipposideros* bats roosting inside a cave in a wet tropical forest.