

## Project Update December 2025

**Rufford I.D.:** 42572-1

**Project Title:** Anthropogenic Impacts on Bat Assemblages in North-East India

### **Update:**

The following are the latest updates on the project as of 26<sup>th</sup> November 2025.

1. 4418 out of a total of 5200 PAM audio recordings of five-minute durations have been manually processed for bat detections. 782 remaining. The 5200 files are distributed across 150 unique sites in natural (mainly forests), rural, and urban areas. All natural sites have been processed, and only 10 sites from rural areas and 13 sites from urban areas remain. Approximately 20 distinct echolocation sonotypes have been identified so far.
2. Regional call library: The 61 individual bats have been tentatively identified to the species level. They indicate 11 to 16 bat species. The species identification of 21 individual bats needs to be confirmed using DNA analysis, for which we have tissue samples (wing punches). The echolocation calls of 55 individual bats have been characterised.