

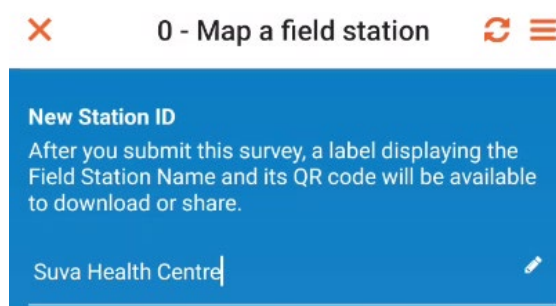
Steps To Record Vector Surveillance Activity in Tupaia

Tupaia can be used to record and report key information from vector surveillance activities conducted on adult, larva and egg mosquito populations. Downloadable reports on Tupaia.org present this information on maps and tables that update automatically as new data syncs.

In Tupaia’s MediTrak or DataTrak data collection apps, there are three steps (and one optional preliminary step) to record the capture and identification of vector mosquitoes.

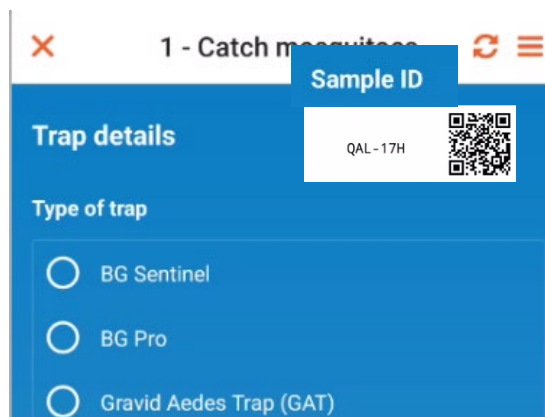
Step 0: Map a field station

- The '0 - Map a field station' form is used to register the name and GPS coordinates of locations planned for routine mosquito surveillance.
- Each field station should be registered only once.
- This is an optional step; you do not need to have a field station registered to proceed.



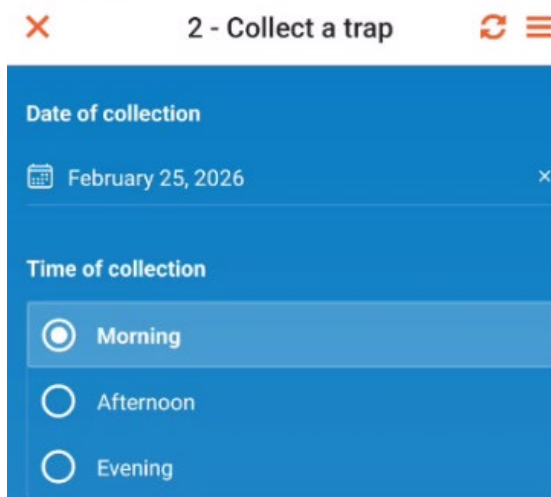
Step 1: Catch mosquitoes

- The '1 - Catch mosquitoes' form is used to record when, where and how adult or immature mosquitoes (larvae, eggs) are collected.
- The form generates a Sample ID which must be kept with the collected mosquito sample (e.g., the catch bag or tube / jar / ovistrip).
- You must select a field station for each sample (if the sample is not from a field station, select 'Not applicable').



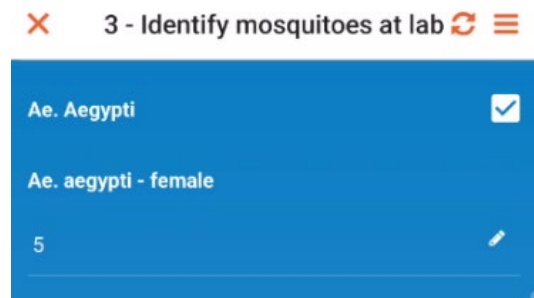
Step 2: Trap collection

- Use the '2 - Collect a trap' form when collecting a sample from a trap that was previously set.
- This form allows you to select from a list of Sample IDs (recorded in Step 1) and record the time and date of trap collection.
- This step is not necessary for trapping methods where trapping and collection occur at the same time, such as sweep netting or larval sampling.



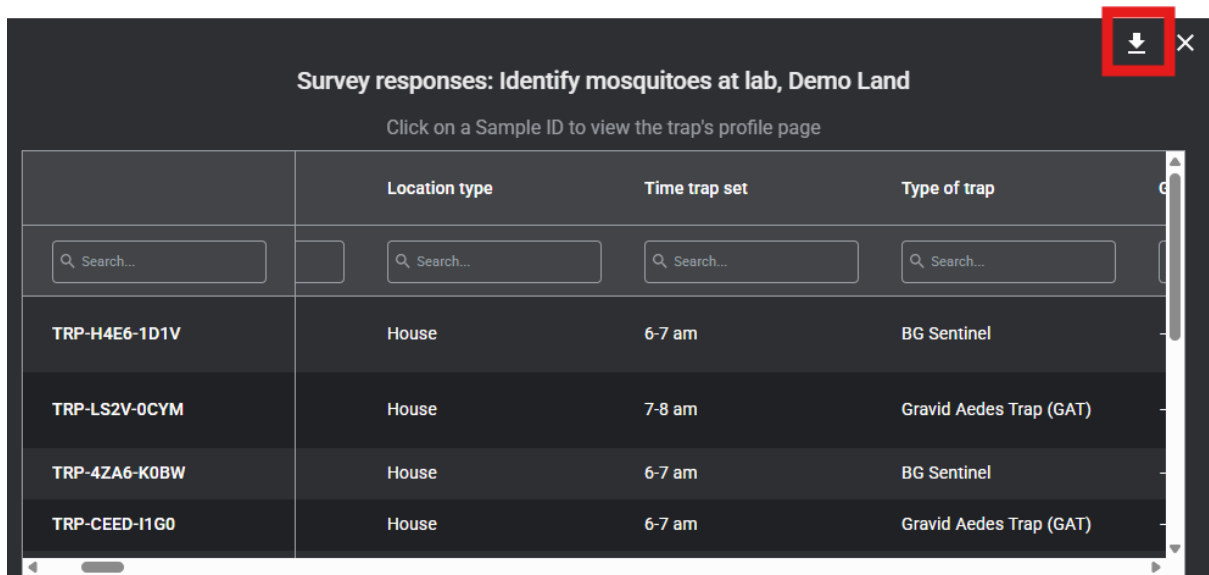
Step 3: Lab Mosquito ID

- The '3 – Identify mosquitoes at lab' form is used to record the type and number of mosquitoes captured after identification.
- It begins by selecting the Sample ID associated with the captured sample.
- This form must be completed for all samples registered under Step 1, including zero catches, which are important to record.



Viewing and Downloading Data

Data collected in Tupaia MediTrak or DataTrak are presented on dashboards in tables, graphs and map overlays in Tupaia.org. You can download data from dashboard tables as an Excel file by clicking on the download button at the top right of a table.



Sample ID	Location type	Time trap set	Type of trap
TRP-H4E6-1D1V	House	6-7 am	BG Sentinel
TRP-LS2V-0CYM	House	7-8 am	Gravid Aedes Trap (GAT)
TRP-4ZA6-K0BW	House	6-7 am	BG Sentinel
TRP-CEED-I1G0	House	6-7 am	Gravid Aedes Trap (GAT)

Navigating the dashboards takes a bit of practice, but the Tupaia team are always here to help! Geoff Fisher (geoff@bes.au) from Beyond Essential Systems is always ready and willing to answer all your Tupaia-related questions.

More information about how to use Tupaia is available on the [BES Support Centre Hub](#).