Field observations Application

LIFE PanPuffinus! project

October 2022

Mobile application to collect data on the field such as rat control. Follow the steps to install the CyberTracker application and to add each Project to it.

1. **Steps to download the CyberTracker application and to add each Project**

a. To test the Application, make sure it is in a place where there is GPS signal;

b. Install the CyberTracker application on mobile devices with the link below or search it on the store:

   a. Android: https://play.google.com/store/apps/details?id=org.cybertracker.mobile.ct;

   b. Apple: https://apps.apple.com/gb/app/cybertracker/id1524186167?ign-mpt=uo%3D;

c. Make sure to allow for "location permission" and to "capture photos" on your devices;

d. Open CyberTracker app and 1st tap "Connect", 2nd tap "QR code", as it shown in the illustration below;

e. Scan Project QR code (example)

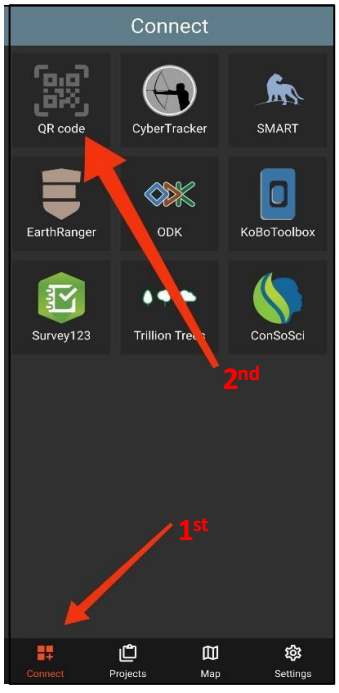

Figure 2 step d.

Figure 1 step e.

2. **Data collection**

f. Start data collection following strictly the protocols;

g. Almost all "Elements" have an automatic function (Figure 4), which allows us to go to the next ''Screen''. Apart from the ''Multi-select Elements (Figure 5). This function allows selecting more than one "Element". Tap on the "Elements" needed. To continue the observation, press "Navigator next" once finished;

h. To insert new data for another bait station, tap in the BST number. Fill in the data normally and successively until all the bait boxes are baited. Once the data for a BST has been filled in, this number appears in red to signal that it has already been done (Figure 4);

i. The "Species cabula" element, contains some illustrative images that may be useful during the observations. However, they are just to be seen, this will not save any data. You can see the photos through "Navigator next", And once you reach the end, you will have to click on "Navigator back" to reach "Main" screen (Figure 5);

j. See illustration example below:

Figure 3 Main screen

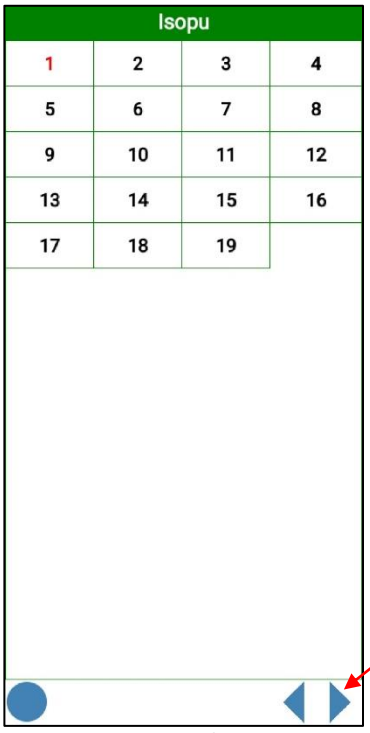

Figure 4 Automatic elements

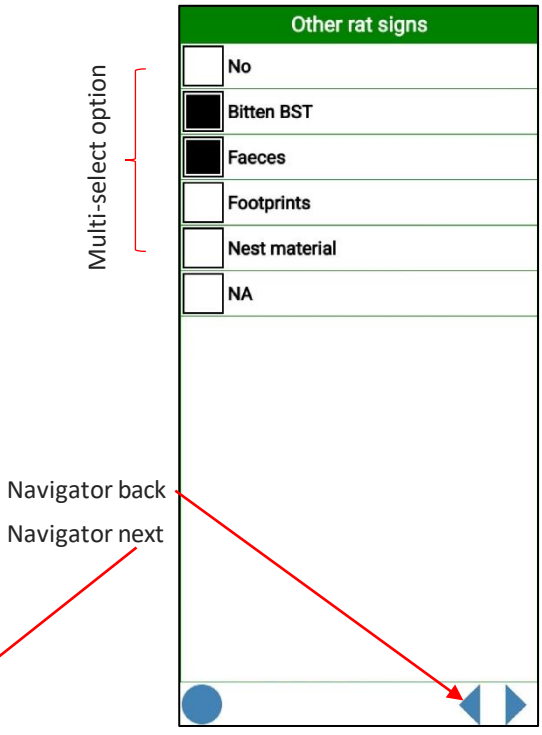

Figure 5 Multi-select Elements

k. When reached the last Screen, “Notes for each BST”, add notes if needed and you **must** tap “Navigator save”, to **save the data collected for each bait station** (Figure 6);

l. At the end of each working day, when there is wireless/mobile data, send data collected;

m. Send the data following the steps: 1st tap “Navigator Options” > 2nd tap “Send data” > 3rd tap on “Black arrow” (Figure 7 and Figure 8);

n. The data is sent in a few seconds, showing up a message saying “Sending” (Figure 8).

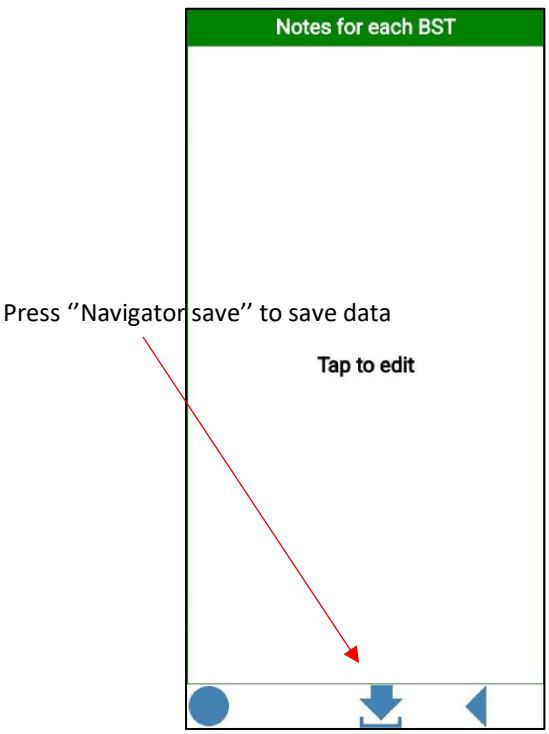

Figure 6 Navigator save

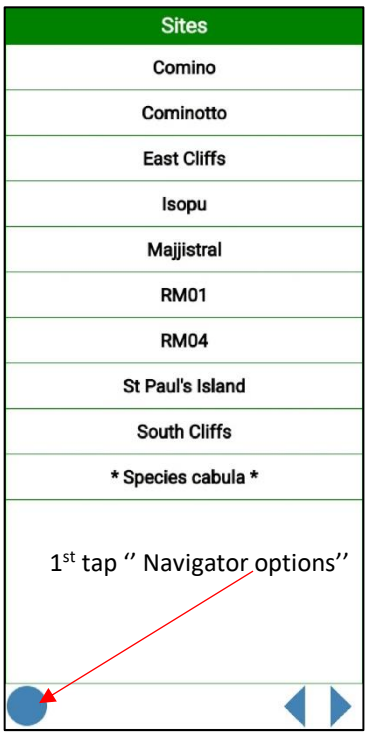

Figure 7 Navigator options

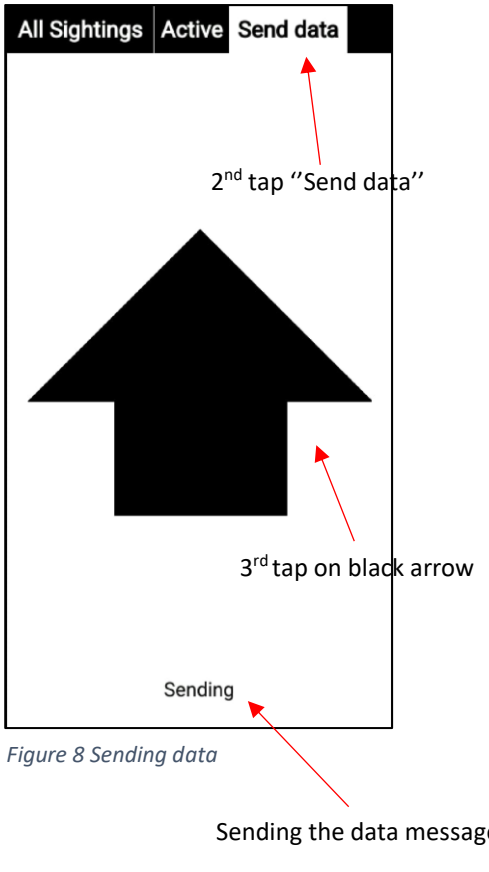

Figure 8 Sending data

3. **Observations**

o. When there is no internet connection, the data is stored offline until it is sent for a couple of days;

p. To save battery during data collection, work offline/airplane mode, just switch on the wi-fi/mobile data when sending the data;

q. Do one BST at a time, and whenever possible, **block the tablet so that there are no random taps**;

r. The data is sent from the devices to CyberTracker desktop (Figure 10), being possible to download it in 1 laptop;

s. If steps above on point ''1. Steps to download the CyberTracker application and to add each Project'' do not work with scanning QR code, to connect the Project (for example: Rat Control) on the device, the Project will need to be installed with the device cable thought CyberTracker desktop;

t. Someone must be responsible for CyberTracker desktop, who regularly downloads Project data to the desktop;

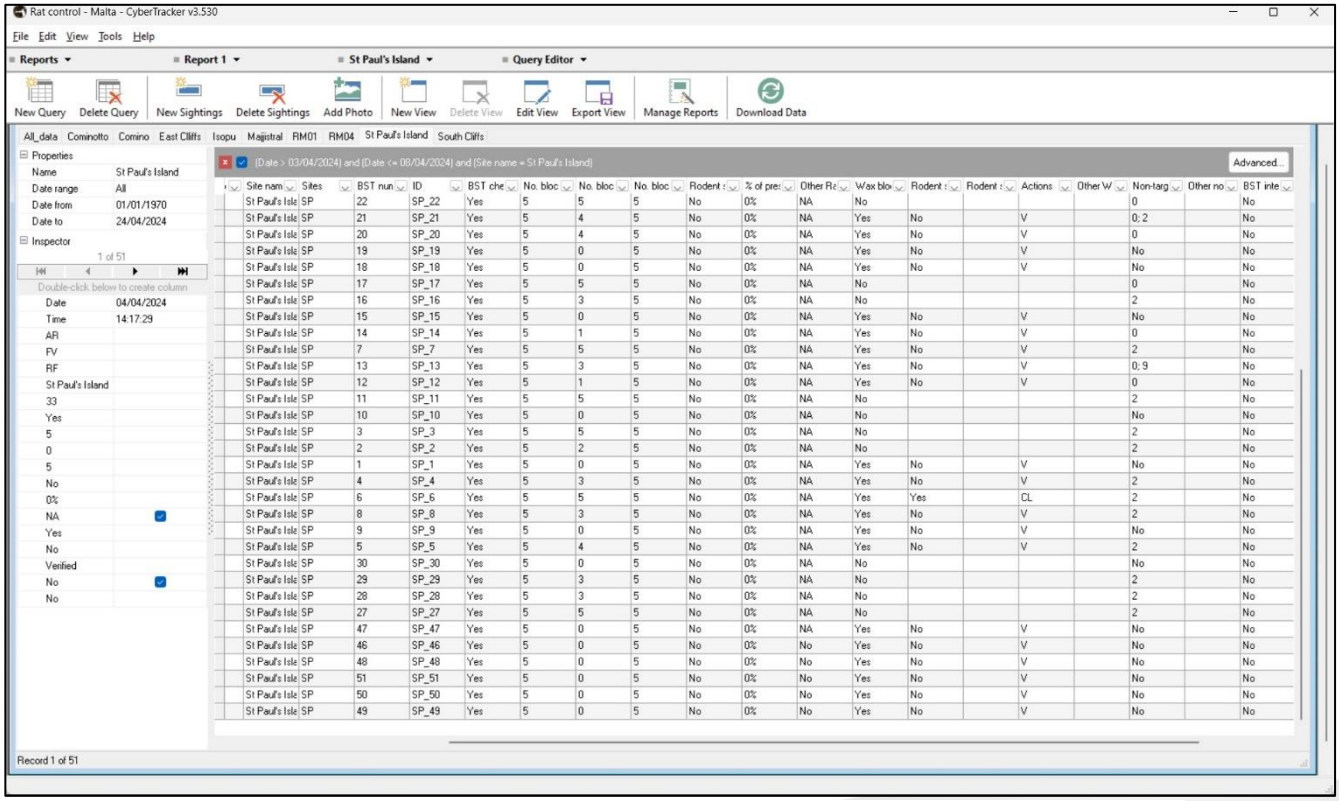

Figure 10 Rat control data on CyberTrascker desktop