

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)

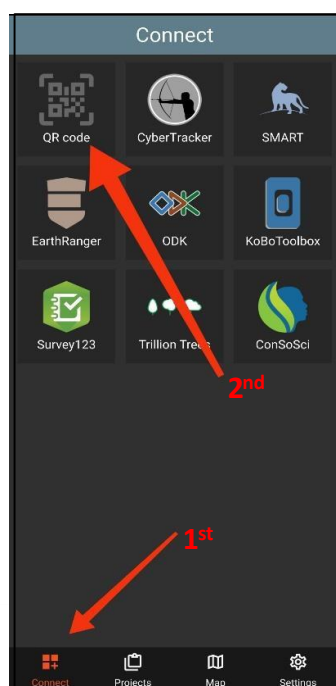


Figure 2 step d.



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

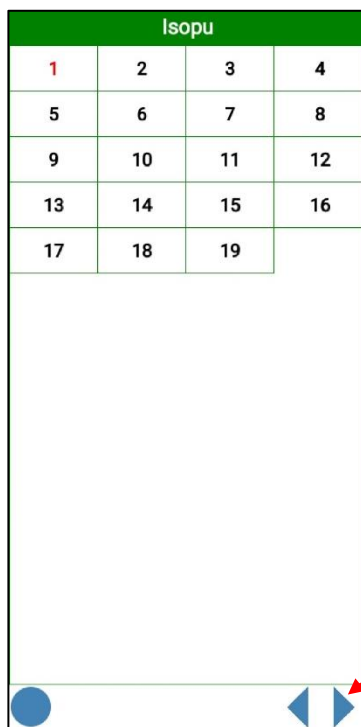


Figure 4 Automatic elements

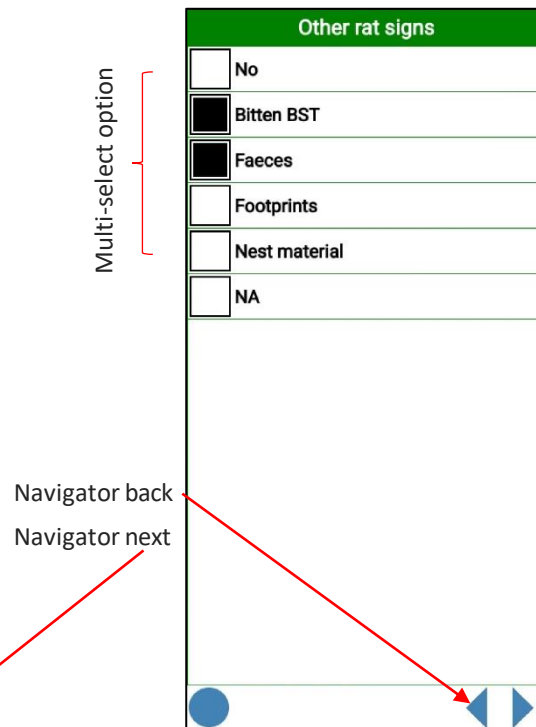


Figure 5 Multi-select Elements

- 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).

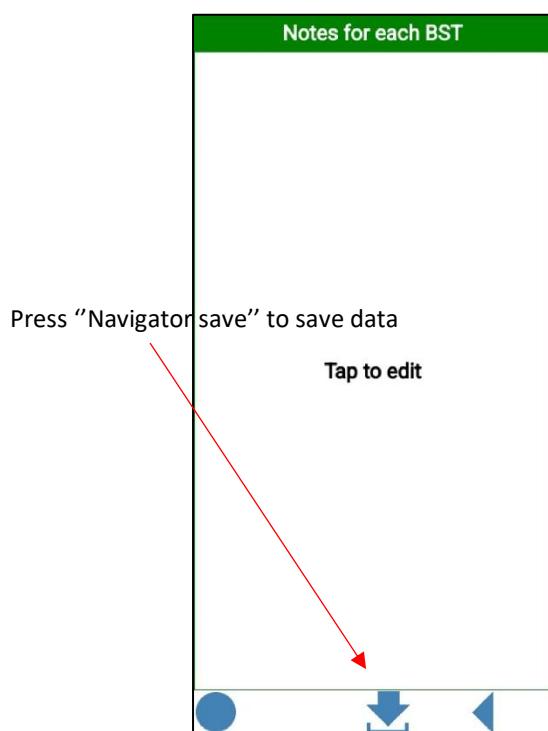


Figure 6 Navigator save

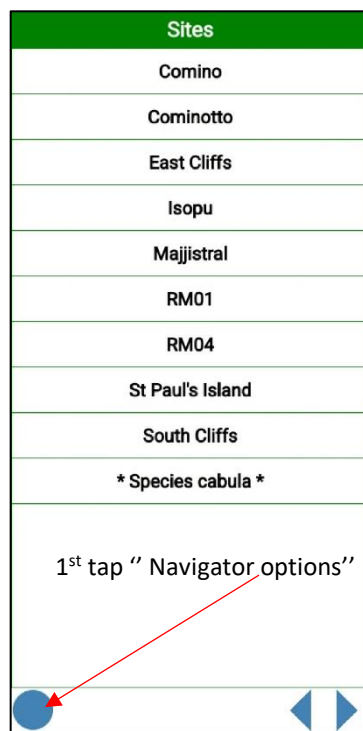


Figure 7 Navigator options

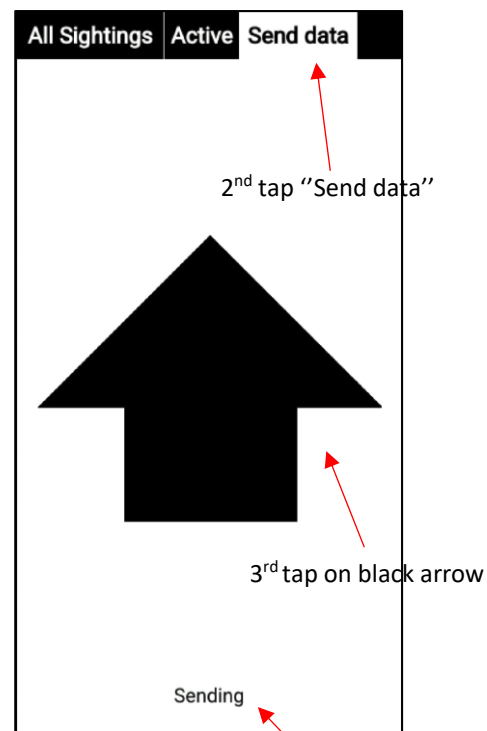
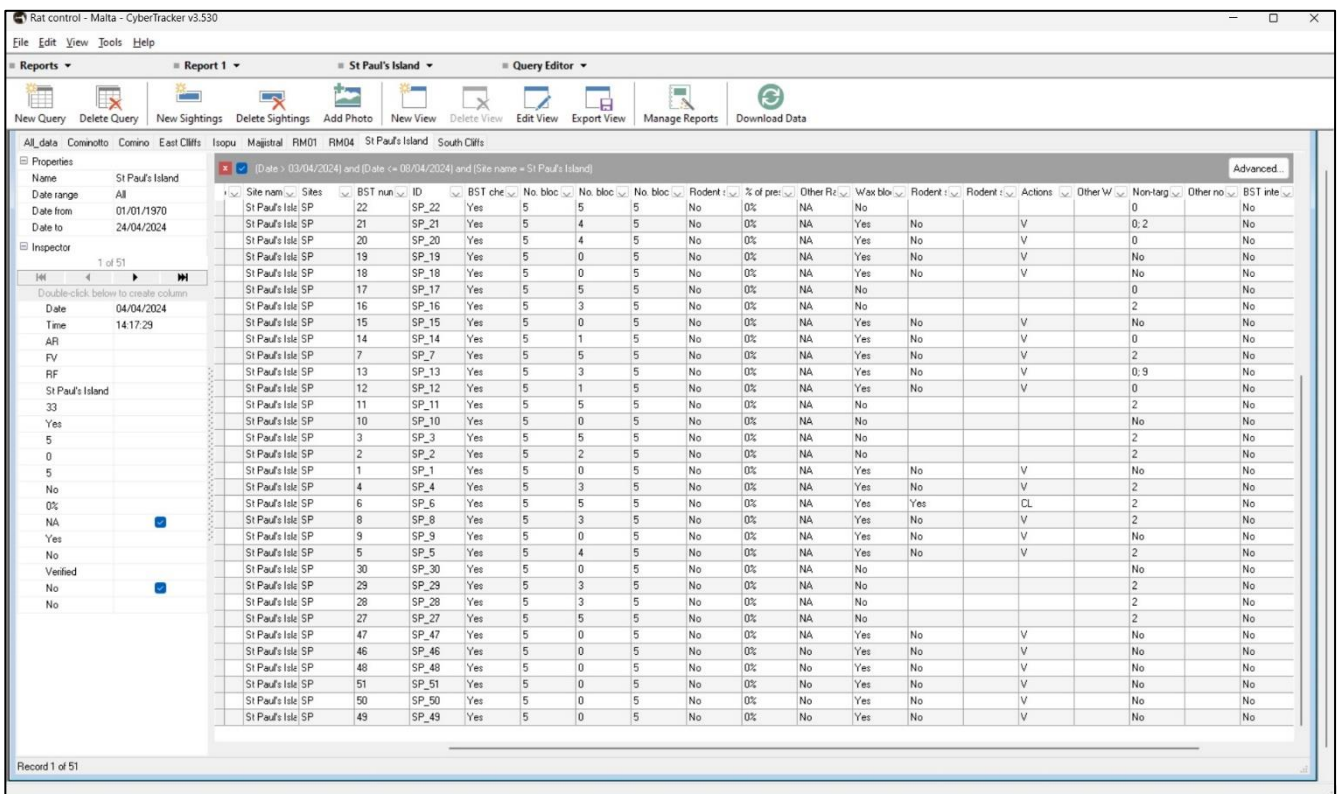


Figure 8 Sending data

Sending the data message

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



Site name	Sites	BST num	ID	BST che	No. bloc	No. bloc	No. bloc	Rodent	% of pres	Other Re	Wax blo	Rodent	Rodent	Actions	Other W	Non-tag	Other no	BST inte	
St Paul's Isl	SP	22	SP_22	Yes	5	5	5	No	0%	NA	No							0	No
St Paul's Isl	SP	21	SP_21	Yes	5	4	5	No	0%	NA	Yes	No		V		0.2		No	No
St Paul's Isl	SP	20	SP_20	Yes	5	4	5	No	0%	NA	Yes	No		V		0		No	No
St Paul's Isl	SP	19	SP_19	Yes	5	0	5	No	0%	NA	Yes	No		V				No	No
St Paul's Isl	SP	18	SP_18	Yes	5	0	5	No	0%	NA	Yes	No		V				No	No
St Paul's Isl	SP	17	SP_17	Yes	5	5	5	No	0%	NA	No							0	No
St Paul's Isl	SP	16	SP_16	Yes	5	3	5	No	0%	NA	No							2	No
St Paul's Isl	SP	15	SP_15	Yes	5	0	5	No	0%	NA	Yes	No		V				No	No
St Paul's Isl	SP	14	SP_14	Yes	5	1	5	No	0%	NA	Yes	No		V				0	No
St Paul's Isl	SP	7	SP_7	Yes	5	5	5	No	0%	NA	Yes	No		V				2	No
St Paul's Isl	SP	13	SP_13	Yes	5	3	5	No	0%	NA	Yes	No		V		0.9		No	No
St Paul's Isl	SP	12	SP_12	Yes	5	1	5	No	0%	NA	Yes	No		V				0	No
St Paul's Isl	SP	11	SP_11	Yes	5	5	5	No	0%	NA	No							2	No
St Paul's Isl	SP	10	SP_10	Yes	5	0	5	No	0%	NA	No							No	No
St Paul's Isl	SP	3	SP_3	Yes	5	5	5	No	0%	NA	No							2	No
St Paul's Isl	SP	2	SP_2	Yes	5	2	5	No	0%	NA	No							2	No
St Paul's Isl	SP	1	SP_1	Yes	5	0	5	No	0%	NA	Yes	No		V				No	No
St Paul's Isl	SP	4	SP_4	Yes	5	3	5	No	0%	NA	Yes	No		V				2	No
St Paul's Isl	SP	6	SP_6	Yes	5	5	5	No	0%	NA	Yes	Yes		CL		2		No	No
St Paul's Isl	SP	8	SP_8	Yes	5	3	5	No	0%	NA	Yes	No		V				2	No
St Paul's Isl	SP	9	SP_9	Yes	5	0	5	No	0%	NA	Yes	No		V				No	No
St Paul's Isl	SP	5	SP_5	Yes	5	4	5	No	0%	NA	Yes	No		V				2	No
St Paul's Isl	SP	30	SP_30	Yes	5	0	5	No	0%	NA	No							No	No
St Paul's Isl	SP	29	SP_29	Yes	5	3	5	No	0%	NA	No							2	No
St Paul's Isl	SP	28	SP_28	Yes	5	3	5	No	0%	NA	No							2	No
St Paul's Isl	SP	27	SP_27	Yes	5	5	5	No	0%	NA	No							2	No
St Paul's Isl	SP	47	SP_47	Yes	5	0	5	No	0%	NA	Yes	No		V				No	No
St Paul's Isl	SP	46	SP_46	Yes	5	0	5	No	0%	NA	Yes	No		V				No	No
St Paul's Isl	SP	48	SP_48	Yes	5	0	5	No	0%	NA	Yes	No		V				No	No
St Paul's Isl	SP	51	SP_51	Yes	5	0	5	No	0%	NA	Yes	No		V				No	No
St Paul's Isl	SP	50	SP_50	Yes	5	0	5	No	0%	NA	Yes	No		V				No	No
St Paul's Isl	SP	49	SP_49	Yes	5	0	5	No	0%	NA	Yes	No		V				No	No

Figure 10 Rat control data on CyberTrascker desktop