



Pest Trapping and Monitoring

Welcome, firstly, thank you for taking time to read more about the Kaipupu Pest Monitoring Programme. Kaipupu Sanctuary is a community project to create a safe haven for wildlife. At the heart of this community effort are hundreds of locals and visitors who have fallen in love with this beautiful headland of coastal bush and want to help make this sanctuary for wildlife a reality.

The purpose of the Kaipupu pest trapping program is to ensure Kaipupu remains as pest free as possible. The data you gather while trapping and monitoring helps us continue to gain permits that allow the introduction of new species to Kaipupu.

Volunteers are the backbone of Kaipupu, spending hours of their own time monitoring and logging information vital to the success of Kaipupu.

The following information has been compiled to give you an idea of what is involved in pest trapping and monitoring and will provide you with other important information about our programme.

All the information in this welcome pack is downloadable from our volunteer website: [kaipupu.pestmonitoring](http://kaipupu.pestmonitoring.org.nz) Or email us at bio@kaipupusanctuary.nz

What does trapping / monitoring on Kaipupu involve?

Kaipupu has 17 tracks which have trapping and monitoring stations along them.

Traps are checked fortnightly in a 4-day window from Friday to Monday. If you can't complete your trap check in this window it is your responsibility to swap weekends with one of the other trappers.

There are a variety of traps on Kaipupu.

All traps need cleaning and baiting with fresh lure every check.

- **DOC 200's** (Bait with Peanut Butter on teaspoon)
DOC 200 Traps that sat **STOAT** get baited with Stoat lure.
This is found in the 'bait' bucket under the bench.
- **DOC Run Throughs** (do not bait Run-Through traps)
- **T Rex trap** Bait with Peanut Butter
- **Mousetraps** Bait with Peanut Butter
- **A24 Goodnature** (self-resetting). Not if you see dead animals below these traps,
- **AT220 Possum trap** (self-resetting) Not if you see dead possums below these traps,

Trapping roster:

Trapping rosters are sent out monthly, please let us know which weekend you are available, and the difficulty track you would like.

How long does it take to monitor a track?

Track length ranges from 30 minutes up to 3 hours for the longer tracks, there is a range in difficulties to suit everyone.

Equipment to carry with you when trapping.

You will need to bring your own:

- Communication e.g mobile phone, (PLB's are available in the pest team shed)

- Small backpack, (bum bags provided in pest team shed)
- Suitable footwear (something with a good grip!)
- Appropriate clothing
- A camera
- Drink bottle / Lunch
- Rain jacket

All other trapping and monitoring gear is stored in the pest team shed on Kaipupu. There is a checklist in the shed to remind you of the things you will need. Please remember to return all borrowed gear for the next volunteer!

How to complete you track checklist

Please record your trapping data on the track checklist. There is a checklist for each and every track on Kaipupu. Please ensure you take checklists for the tracks you plan to monitor from the shed before you start.

Track checklists must be filled out correctly and completely. This is important as the records you provide on your checklist are inputted directly into our online pest database and any information that is missing or incorrect could affect the way in which we eradicate pests.

Limited information is needed in your checklists. Please put the species. If you catch a Rat or Stoat please take a photo showing the gender or put it in a zip lock plastic bag and return it to the trapping shed for inspection.

Only enter the following symbols in each box

Code:

M – Mouse

R – Rat (Please take photo to determine the Sex)

S – Stoat (Please collect in Plastic bag so we can determine the Sex)

T – Triggered (trap has been set off but is empty).

If there are any issues with the traps, or damage to the track please record this on your trapping sheet. Any other notes can be put at the bottom of the sheet.

If you catch a **Rat** or **Stoat**, please place it in the ZIP lock bags provided in the shed and contact Hazel for collecting.

Traps on Kaipupu Sanctuary

Mouse traps and T- Rex Rat traps:

1. Give the trap a good clean using a toothbrush or paint brush to remove any old Peanut Butter.
2. Remove the bait cup from the underside of the T-Rex.
3. Fill the bait cup with peanut butter and replace.
4. To set, squeeze the back end of the trap until you hear it click.
5. Carefully slide your set trap, bait-end first, into a wooden tunnel box until it's just inside.



DOC 200 box and **Run Through traps.**

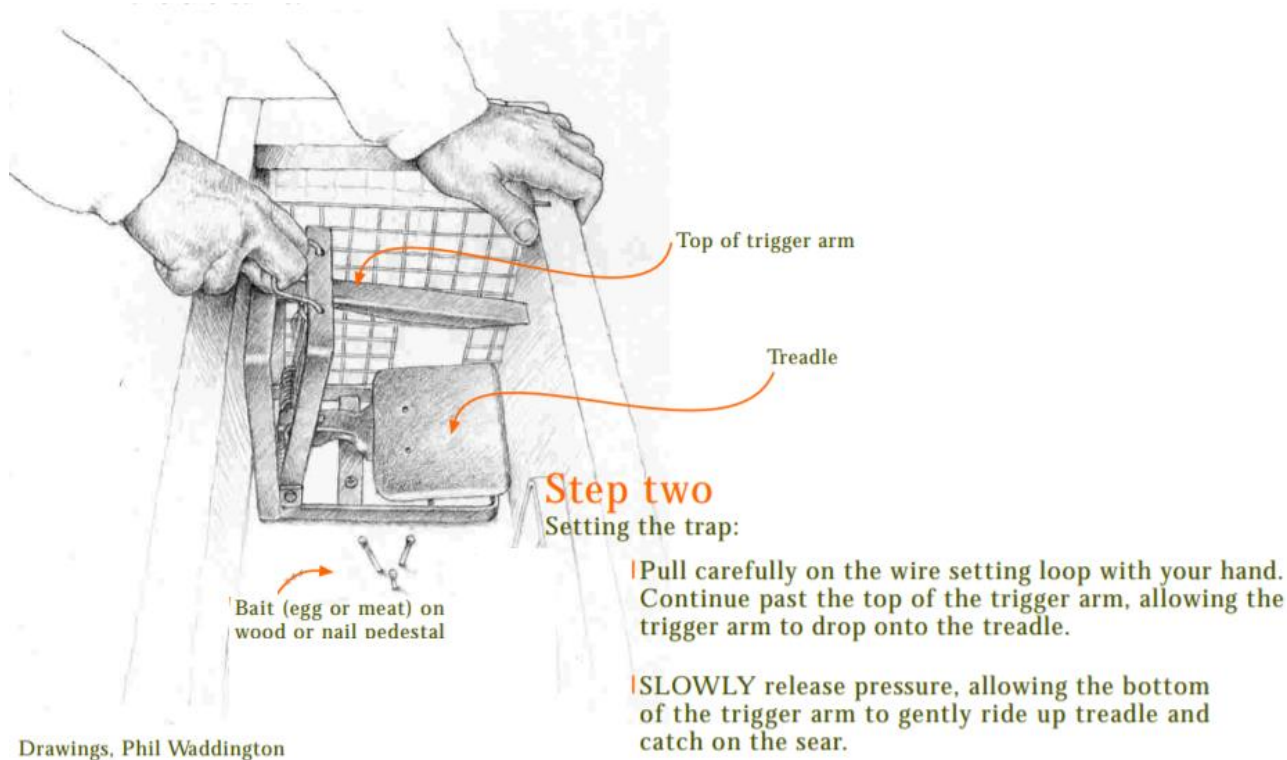


DOC 200's:

- Wire mesh at ends of box
- Have a teaspoon to put peanut butter lure,
- Have 3 nails to put egg lure when required.
- Change bait every trap check, (often use peanut butter or fat places on teaspoon)
- These traps target rats, stoats & weasels.

DOC Run Throughs: (do not bait)

- Have number 8 wire on the end of box.
- Has a wooden ramp on either side of the trap trigger plate.
- Never bait run-through traps because this could lure birds into the trap.
- These traps target rats, stoats & weasels.



Do not reset DOC trap unless you are sure you are able to re set it. It does take a little skill to set a triggered DOC200 trap but don't worry, we will show you the best and safest way to do it using resetting tools and safety clips. We also regularly have group gatherings to practice and revise our technique.

Goodnature self-setting A24 traps.

All A24 Good Nature traps need to be 1.3 metres above the ground. If you find any traps that look to be below this height mark them on your sheet so they can be checked and moved higher.

If you see a dead animal on the ground under the trap mark it on your sheet. Goodnature traps only need servicing, every 4 – 6 months by nominated volunteers.



Tracking Tunnels.

We use tracking tunnels to monitor pests. These are small wooden tunnels with a card inside to capture footprints from with an inked centre inside. Peanut butter or mayonnaise is used to attract pests to walk through the tunnel.

Tunnels are individually numbered- this number corresponds to your track checklist. Using this number you can log where you have found a damaged or marked card and other information you feel is relevant.

All marked/damaged cards must be kept, filled in correctly and dropped into the letter box with your trap sheet for further inspection.

Identification ID sheets are in the trapping shed.



Trail cameras.

We use motion activated trail cameras to monitor pests across Kaipupu.