Plan Overview

A Data Management Plan created using DMP Tool

DMP ID:

Title: Crazy Ants

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Funder: Tetiaroa Society

Template: Tetiaroa Field Station

Project abstract:

The objective of this was to test yellow crazy ants preference for peanut butter or sugar water.

Start date: 01-16-2023

Last modified: 07-08-2024

Crazy Ants

Methodology

How will data be collected or produced?

Card Count Protocol

1 If needed, scrape the ground (at least a 10x10cm area) at the site so the card sits flat on the ground (i.e. if there are branches or leaf litter, scrape them away). 2 3 4 5 6

Vial Protocol

7 7.1 7.2 8 8.1 At each site, place one sugar vial. Place a peanut butter vial down directly next to the sugar water vial only if ants are spotted in the nearby surrounding area. Note In the future, we would modify this procedure to deploy PB vials at every other site, not only when we saw ants surrounding, in order to standardize the procedure.   In the future, we would modify this procedure to deploy PB vials at every other site, not only when we saw ants surrounding, in order to standardize the procedure.   8.2 Fill out Epicollect form detailing: deployed/retrieved, site number, and time collected (automatic)   8.3 Repeat steps 3-5 at each site. Go in reverse order in the following section for retrieval.   9 Retrieval: After 90 minutes, return to placed vials.   9.1 Pick up and quickly cap vials, not letting any ants escape in the process.   9.2 Fill out form on EpiCollect5. Count crazy ants on each vial. If there are too many ants, head back to lab. Freeze vials and count ants afterward. Cleanup: Clean out test tubes and throw away samples.   10

Access, Data Sharing and Reuse

Will you require an embargo period prior to making your prepublication data available? If requested, an embargo period may be granted for up to [1 year] after the end date of the Project as specified in its Data Management Plan.

Data will be shared through GEOME

Do you agree to share all prepublication data contributed to the Tetiaroa Data Trust under the CC-0 license?

- Yes

Will your project include the collection of material samples? For example, archeological, geochemical (geosamples), and biological (biosamples) materials.

- Yes

Please describe standards you will utilize to register sampling events, apply unique identifiers, implement relevant metadata standards, and track derived material samples, data, and outputs.

Question not answered.

What are the further intended and/or foreseeable research uses for the completed dataset(s)?

To track longterm patterns

State any expected difficulties in data sharing, along with causes and possible measures to overcome these difficulties.

Protocol mistakes and misplacement of vials.

Documentation and Metadata

What documentation and metadata will accompany the data?

GEOME and spreadsheets

Ethics and Intellectual Property

How will you manage copyright and Intellectual Property Rights (IP/IPR) issues? Demonstrate that you have sought advice on and addressed all copyright and rights management issues that apply to the resource.

Not claiming anything as our own.

How will you handle sensitive data. Make explicit mention of consent, confidentiality, anonymization and other ethical considerations, where appropriate.

Full transparency in protocols.

Are any restrictions on data sharing required – for example to safeguard research participants or to gain appropriate intellectual property protection?

- Under specific circumstances

Depends where transects are collected

Describe restrictions on data sharing required due to privacy or IP protection.

N/A

Short-Term Storage, Security, and Data Management

Describe the planned quality assurance and back-up procedures, including security/storage and any use of encryption.

N/A

How will you manage access and security?

N/A

Specify the responsibilities for data management and curation within research teams participating in your project at all participating institutions.

N/A

Selection and Preservation

Which data are of long-term value and should be retained, shared, and/or preserved?

All data on Epicollect5.

What is the long-term preservation plan for the dataset?

Save data electronically and keep track of field notebooks