



環保基金
「蟲」新發現南大嶼
ECF Discovering South Lantau Invertebrates

Community-based **Survey** on **Terrestrial Invertebrates**

Search in Lantau

“**ECF Discovering South Lantau Invertebrates**” is an Environmental Education and Community Action (EE&CA) Project funded by Environment and Conservation Fund (ECF) and Environmental Campaign Committee (ECC).

With a theme of **insects and invertebrates**, this project put environmental education in practice through citizen science. The project introduces participants to **freshwater ecology and biodiversity** important to South Lantau; as well as encouraging participants to rediscover **biodiversity around their community**, so to rid public of misunderstanding or fear of insects and invertebrates.

Content

This project stretches from 2019 to 2021, with **three main parts**:

1 Lantau Freshwater Ecology Classroom

2 **Search in Lantau**

i Public Seminar and Project Introduction

ii Experiential Learning Camp

iii **Community-based Survey on Terrestrial Invertebrates**

Recruiting teams now!

3 ECF Discovering South Lantau Invertebrates Result Presentation cum Closing Ceremony



Lantau Insects and Invertebrates BioBlitz – Community-based Survey

- To rid public of **misunderstanding or fear** of insects and invertebrates through community-based observation of insects and invertebrates, and to rediscover biodiversity in the community
- To increase baseline information of South Lantau's ecology which directly help with **conservation of South Lantau**
- To gather information about ecology of Lantau on **online platform**, which would be important source of information for public to learn about wild Lantau, and to **enhance general public's understanding of Lantau's conservation** via different forms of knowledge exchange

No matter if you live in Lantau or not, help surveying insects and invertebrates in community of Lantau!

Team up, use iNaturalist to record your observation, compete with other team, and win prizes!

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Survey Details

The survey is carried out through **team competitions**, with 2-4 persons in each team. There are three rounds of one-month-long surveys targeting **insects and invertebrates** (i.e. terrestrial arthropods, excluding crustaceans) **in the community of Lantau**.

Participating teams have to observe and record insects and invertebrates in designated areas in the community during survey periods, and upload their pictures to **iNaturalist**. Participating teams score through recording species and completing tasks, to compete with other teams from the same group.

The three survey periods and areas are as follows:

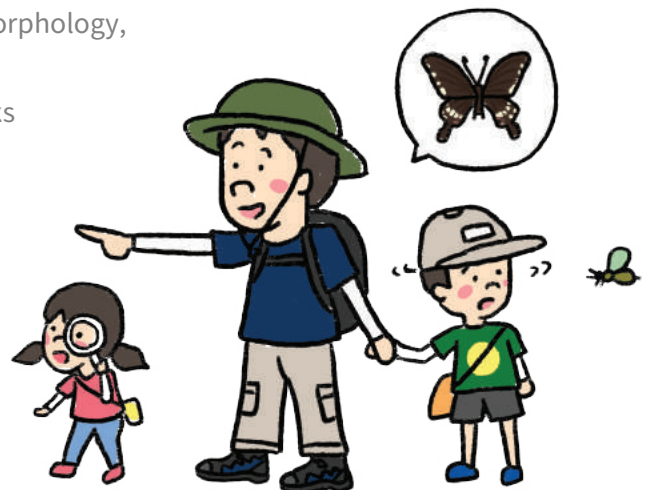
	Period	Survey area	
	23/5 - 22/6	Tung Chung Mui Wo Discovery Bay	Pui O
	1/8 - 31/8		Shui Hau & Tong Fuk
	1/10 - 30/10		Tai O

Junior Group and Challenge Group will be competing within their groups.
Points are gained as follows:

- 1 Number of species recorded in a survey period **Points** 1 point for each morphological species¹
- 2 Tasks² **Points** Depend on tasks

¹Morphological species are distinguished in terms of their morphology, records not identified to species level will still be counted

²Teams can get extra points through completing pop-up tasks throughout the survey period





Awards

Each round of survey includes:

Secret prize!

Winner
(1 team)

First runner-up
(1 team)

Second runner-up
(1 team)

Outstanding Observations
(3 teams)

Winners, first runner-ups and second runner-ups of **Junior Group** and **Challenge Group** will be determined by the total points they got according to

① number of species recorded and ② tasks completed.

10 finalists for **Outstanding Observations** will be chosen by the judging panels from the photos submitted by teams according to

① storytelling and ② technique. 3 winners are then chosen via **online voting**.

Judging panel

“Outstanding Observations” will be selected by the following judges for online voting:



Mr. To Chan

President, Hong Kong Entomological Society



Mr. Kelvin Wu

Hong Kong Entomological Society



Mr. Dickson Wong

Biology teacher, Ho Koon Nature Education cum Astronomical Centre



Dr. Ken So

School of Biological Sciences, HKU



Mr. Bond Shum

Conservation Director, OWLHK

ID team

The following experts are invited to provide professional help with species identification:



Mr. To Chan

President, Hong Kong Entomological Society



Mr. Kelvin Wu

Hong Kong Entomological Society



Mr. Dickson Wong

Biology teacher, Ho Koon Nature Education cum Astronomical Centre



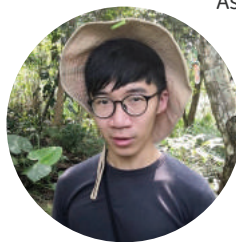
Dr. Ken So

School of Biological Sciences, HKU



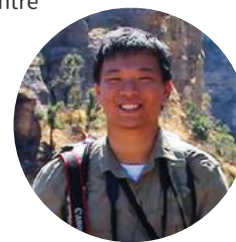
Dr. Toby Tsang

Postdoctoral Student, School of Biological Sciences, HKU



Mr. Danny Leong

Doctoral Student, School of Biological Sciences, HKU; Chairman, Macao Entomological Society



Mr. Bond Shum

Conservation Director, OWLHK

Eligibility



- 1 Participants must be 6 years old or above
- 2 Form teams of 2-4 on their own
- 3 There must be an adult guardian on the team if all team members are underage

Junior Group Parents with children of 6-17 years old or primary/secondary school students

Challenge Group 18 years old or above

Application procedure and remarks



Online Application Form
<https://bit.ly/3e8Lr85>

Deadline for application for second round of survey:

19th July, 2020 (Sun) 23:59

Quota of each round of survey:

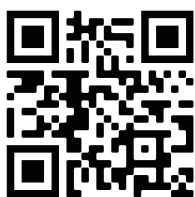
**Around 20 teams
(Priority to Lantau residents)**



Free of charge. Team up now!

Please read the following remarks before applying:

- Create a team account or provide an existing **iNaturalist account** of one of the team members. Only the account provided in the application form can be used to upload observations to the project of this event.
- The organiser reserves the right to/may require participating teams to provide **proof of residence and identity** of all team members for verification of the groups they belong. The participating team will be disqualified if they found submitting false information.
- If the quotas are exceeded, allocation of places will be first determined by balancing number of participating teams on the two groups, **teams of Lantau residents are then prioritized**.
- Applicants will be notified with results of application through email 5 working days after the deadline, whether successful or not.



**Competition
guidelines**

<https://bit.ly/2N681CI>

Project website discoverlantauinvert.owlhk.org

Facebook OWLHK2016

Contact carriecheung@owlhk.org / 3619 0626 (Miss Cheung)

Any opinions, findings, conclusions or recommendations expressed in this material / event do not necessarily reflect the views of the Government of the Hong Kong Special Administrative Region, the Environment and Conservation Fund and the Environmental Campaign Committee.

