



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 Search in Lantau– Community-based Survey on Terrestrial Invertebrates Competition Guidelines

### Funded by

Environment and Conservation Fund (ECF)  
Environmental Campaign Committee (ECC)

### Organised by

Outdoor Wildlife Learning Hong Kong (OWLHK)

### Supported by

Hong Kong Entomological Society  
Ho Koon Nature Education cum Astronomical Centre  
Hong Kong Playground Association Camp Section

### Objectives

- 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

### Eligibility

- Participants must be 6 years old or above
- Form teams of 2-4 on their own
- 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

### Fee

Free of charge





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# Search in Lantau

### 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	
May – June	Tung Chung, Mui Wo, and Discovery Bay	Pui O
August		Shui Hau and Tong Fuk
October		Tai O

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

Item	Points	Ratio
Number of species recorded in a survey period	1 point for each morphological species <sup>1,2</sup>	60%
Tasks <sup>3</sup>	Depend on tasks	40%

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

<sup>2</sup>Different morphs of the same species will be counted (e.g. different stages of life cycle, sexual dimorphism and etc.).

<sup>3</sup>Teams can get extra points through completing pop-up tasks throughout the survey period

### Requirements of observations

- Recorded within designated areas in the community
- Recorded within allotted period of time
- Observations should be of targeted organisms
- Pictures should clearly represent species (observations with only video or/and audio are not accepted)
- Records of living animals (dead records and trace of animals, like bite marks, nests, webs and etc. would NOT be counted)





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### Ethics of observing organisms

- Keep a reasonable distance with targeted species. Avoid disturbing the targeted organisms and their habitats.
- Do not catch or pick up any organisms with bare hands. A suitable container (e.g. a bug viewer) is needed in order to observe or take pictures of targeted species in the container for a short period of time. The species must be placed back in the original location.
- Protect the environment and leave no trace.
- Respect the Lantau communities, causing no damage or nuisance.

### Announcement of results

Results will be announced one month after each survey period via Facebook page of Outdoor Wildlife Learning Hong Kong and the project website. Winning teams will be notified via email.

### Awards

Each round of survey includes:

Group	Award
Junior	Winner (1 team)
	First runner-up (1 team)
	Second runner-up (1 team)
Challenge	Winner (1 team)
	First runner-up (1 team)
	Second runner-up (1 team)
All groups	Outstanding Observations (3 teams)
	Secret Prize

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.





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### Judging panel

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

- **Mr. To Chan**
  - Chairman, 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, The University of Hong Kong
- **Mr. Bond Shum**
  - Conservation Director, Outdoor Wildlife Learning Hong Kong

### ID team

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

- **Mr. To Chan**
  - Chairman, 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, The University of Hong Kong
- **Dr. Toby Tsang**
  - Postdoctoral Researcher, School of Biological Sciences, The University of Hong Kong
- **Mr. Danny Leong**
  - PhD Candidate, School of Biological Sciences, The University of Hong Kong;  
Chairman, Macao Entomological Society
- **Mr. Bond Shum**
  - Conservation Director, Outdoor Wildlife Learning Hong Kong

### Application procedure and remarks

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





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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 days after the deadline, whether successful or not.

Deadline for application for second round of survey: 19<sup>th</sup> July, 2020 (Sunday) 23:59

Online application form: <https://bit.ly/3e8Lr85>

Quota of each round of survey: around 20 teams (priority to Lantau residents)

### Terms and conditions

- Participants must enter their information correctly on the application forms. The organiser reserves the right to disqualify any participants who provide incomplete, inaccurate or misleading information.
- The organiser's decision on the completion results is final and no correspondence will be entered into. The organiser reserves the right to disqualify any participants or entry photos, or revoke or withdraw any award or prize presented.
- The organiser reserves the right to amend the terms and conditions or make arrangements relating to the competition without prior notification.
- Judges/ID team and their immediate family are not eligible for this competition.
- In case of dispute, the decision of the organiser shall be final and binding.

### Enquiry

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

### Disclaimer

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.

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