

Organizer :



Co-Organizer :



Sponsor :



The 18th Fung Yuen Butterfly Reserve Butterfly Survey Program 2021-2022 for Tertiary Students

Regular survey of butterflies in Fung Yuen Butterfly Reserve (FYBR) and “Site of Special Scientific Interest” (SSSI) is essential to both species and habitat conservation of the conserved area. Co-organized by the School of Life Sciences (SLS) of The Chinese University of Hong Kong, FYBR solely offered this voluntary program to the SLS students of The Chinese University of Hong Kong. The program has been held for 5 consecutive years.

In view of the positive feedback of the program, FYBR has been extending the program to all tertiary students, studying biological or environmental science and related subjects in Hong Kong. The program provides valuable first-hand working experience to the participating students, as well as opportunities for them to contribute their knowledge to conservation of butterfly and the reserve.

Background:

- Fung Yuen at Tai Po is a regional famous venue for butterflies watching. Over 210 species of butterflies (about 90% of total 245 species of Hong Kong) have been recorded in Fung Yuen.
- The 42 hectares of land in Fung Yuen Valley has been designated as a SSSI since 1980 and has been ranked 4th with high conservation value in Hong Kong in 2004.
- Fung Yuen Butterfly Reserve was established by Environmental Association in 2004 to implement active butterfly and ecological conservation management.



Common Birdwing



White Dragontail



Butterfly survey at Fung Yuen

Training period:	Oct 2021 – Jan 2022
Survey period:	Feb 2022 – Jan 2023
Duties:	<ul style="list-style-type: none"> - To be member of the survey team conducting butterfly survey at FYBR once every month (held on the 2nd Saturday of each month, unless otherwise stated) - To conduct survey(s) in proposed butterfly hotspot - To participate in the Hong Kong Butterfly Watching Competition 2022
Fee:	- Free (Selected candidates should make a deposit of HK\$500 which will be returned after the participant has obtained 17 credits or more, and has fulfilled the applicant duties)

Organizer :



Co-Organizer :



Sponsor :



鄉郊保育辦公室
Countryside
Conservation
Office

Schedule - Part 1: Fung Yuen Butterfly Survey Training Course

Date & Time	Venue	Summary	Credit(s)
Phase 1 – Learn			
23 Oct 2021 (Sat) 10:00 - 12:30	FYBR Education Centre	Briefing session - Introduction of Hong Kong butterflies & Training session – lecture I Familiarize with butterfly families & group discussion	3
30 Oct 2021 (Sat) 10:00 - 12:30	FYBR Education Centre	Training Session - lecture II Familiarize with butterfly families & group discussion	1
31 Oct 2021 (Sun) 10:00 – 12:30	Tai Po Kau Nature Reserve	Training Session - field Trip I Butterfly habitats and behaviors	1
27 Nov 2021 (Sat) 10:00 - 12:30	FYBR Education Centre	Training Session - Lecture III Identification skills for similar butterfly species & group discussion	2
Phase 2 – Implement			
6 Nov 2021 (Sat) 10:00 - 12:30	FYBR Education Centre	Practical Session I- How to conduct butterfly survey, tour guiding skills & group discussion	2
20 Nov 2021 (Sat) or 21 Nov 2021 (Sun) 09:00 - 13:00 or 12:30 - 17:30	FYBR Education Centre	Practical Session II- Tour guiding in Fung Yuen Butterfly Festival	4
22 Jan 2022 (Sat) 10:00 - 13:00	FYBR Education Centre	Evaluation Session – Written and practical test	10 x (test score)%
		Group presentation and sharing on hotspot survey result	Compulsory
Applicants who have obtained 17 credits or more will be eligible to join the FYBR survey team			
Phase 3 – Action			
12 Feb 2022 (Sat)	FYBR Education Centre	1 st Fung Yuen Butterfly Reserve Butterfly Survey ^{#1}	
17 July 2022 or 24 July 2022 (tbc)	FYBR Education Centre	Practical Session III – Hong Kong Butterfly Watching Competition	Compulsory

^{#1} Butterfly Survey will be conducted on the 2nd Saturday every month, unless otherwise stated.

Organizer :



Co-Organizer :



Sponsor :



Schedule

Part 2: Over-wintering Butterfly Survey Training Course (optional)

Date & Duration	Venue	Summary	Requirement
30 Oct 2021 (Sat) 14:00 – 16:00	FYBR	Training Session - Training for marking of wintering butterfly	Compulsory (for Part 2)
7 Nov 2021 (Sun) 9:00 – 15:00	FYBR or other wintering locations	Practical Session - Marking of wintering butterfly	Minimum 2 sessions
13 Nov 2021 (Sat) 9:00 – 15:00			
28 Nov 2021 (Sun) 9:00 – 15:00			

After Training Practices:

Continuous Butterfly Conservation Activities (optional)

Date & Duration	Venue	Summary
Apr, Jun, Aug, Nov	Butterfly Hotspots	Long-term Butterfly Hotspot Survey
Last Sunday of every month	FYBR	Butterfly Habitat Management Techniques in Fung Yuen Butterfly Reserve

Optional Training:

Field Trips (optional)

Date & Duration	Venue	Summary
4 Dec 2021 (Sat) 10:00 - 12:30	Tung Chung / Shui Hau	Training Session - Field Trip II Butterfly habitats and behaviors & group discussion

Organizer :



Co-Organizer :



Sponsor :



Application Details

Application requirements:

- Tertiary school students who are enthusiastic about nature conservation.
- Reliable and capable of independent outdoor work.
- Knowledge in butterfly, wildlife identification or ecological survey is preferable but not essential.

Applicant duties (after obtaining 17 credits or more):

- Conduct at least 8 butterfly surveys in FYBR from February 2022 to January 2023.
- Conduct at least 3 butterfly surveys in proposed butterfly hotspot from November 2021 to December 2021
- Participate in the Hong Kong Butterfly Watching Competition 2022

Awards:

- Certificates will be awarded to participants after completion of Part 1 of the program.
- Advanced certificates will be awarded to participants after completion of the Part 2 of the program.
- Students who obtaining 17 credits or more are eligible to participate in the long-term butterfly hotspot survey and butterfly habitat management in Fung Yuen Butterfly Reserve.

Application method:

- Please complete the online application form via Google form (<https://forms.gle/r3M14upU7E6eaDa56>), or send the completed application form to fungyuenbutterfly@gmail.com (email) or 2690 3438 (fax).
- No deposit is needed at application stage.
- Shortlisted applicants will be informed by phone or email.
- Shortlisted applicants should make a deposit of \$500 by cheque payable to "Environmental Association Limited" . Certificate and deposit must be collected within 3 months after completion of the program. Otherwise, the deposit will be forfeited.

Covid-19 arrangements:

- Based on the local public health situation the learning arrangements may be conducted through Zoom online sessions.
- Necessary social distancing guidelines will be carried out within the classroom setting and during outdoor activities.

Deadline of application: 18th October 2021

Advisors:

Prof. LM Chu
Adjunct Associate Professor, School of Life Sciences, CUHK
Member of FYBR Advisory Committee

Prof. HL Hui, Jerome
Associate Professor, School of Life Sciences

Mr. Hydrogen Pun
Member of FYBR Advisory Committee

Trainers:

Mr. Hydrogen Pun
Member of FYBR Advisory Committee

Mr. Gary Chan
FYBR Assistant Project Manager (Nature Conservation)

Mr. Hong Chiu
FYBR Assistant Project Officer (Nature Conservation)

Organizer :



Co-Organizer :



Sponsor :



The 18th FYBR Butterfly Survey Program 2021-2022 for Tertiary Students

APPLICATION FORM

Personal Information:

Name : _____ (in English) _____ (in Chinese) Gender : M / F

Date of Birth : _____ (DD/MM/YY) Mobile No. : _____ Email : _____

Institute : _____ Major : _____ Year: 1 / 2 / 3 / 4

Address : _____

All personal information will be kept confidential

Reason for Application :

Relevant Experience and Interests :

Expectation(s) of this program :

Other information :

I learnt the program details from :

FYBR Facebook Fan Page Others in Facebook Institute FYBR Official Website Friends

Instagram Other Media (Please state : _____)

I have read and understand the application details, other items and conditions which listed on information sheet.

Signature : _____ Date : _____