

# KLANG VALLEY CITY NATURE CHALLENGE (KV CNC) 2019



ASSOCIATION OF SCIENCE, TECHNOLOGY & INNOVATION

## ASTI REPORT

## INTRODUCTION TO ASTI

Association of Science, Technology and Innovation (ASTI) is an association of educators, scientists, industry representatives and individuals who are committed in advancing the role of the scientific community in inspiring the youth of the nation to join and excel in the world of science and other related themes. ASTI champions the role of science in the community and inspires the young generation to join and excel in the world of science.

## THE RIMBA PROJECT

“The Rimba project” is organized by University Malaya. This year, ASTI has collaborated with the Rimba project for the second year. This initiative was strengthened with a MoU signed last year between two parties on the 16<sup>th</sup> of April 2018 at Rimba Ilmu Botanical Garden, University of Malaya for a project named City Nature Challenge (CNC). CNC is an international initiative for people to find and document plants and wildlife in cities across the globe. City Nature Challenge (CNC) is a mobile app-based competition where cities around the world compete to see who can make the most observation of nature, who can find the most species, and who can engage the most people. The Mobile-App is called *iNaturalist* and developed in the US. CNC is a global challenge with 68 cities participating across the globe.

This year, the Klang Valley, Malaysia is the only Southeast Asian urban metro that has participated in the CNC. It was really encouraging for the students who were interested in science and nature. Knowing what species exist in our cities and where they are, helps us to conserve and protect them. As we are one of the association related to science, technology and innovation, ASTI has given its full support for University of Malaya to organize this programme.

For this year's City Nature Challenge, a total of 35,126 people took part across 159 cities, making a total of 963,773 observations and 31,892 species all mobilizing their residents and visitors to go out and find and document their local nature. Out of the species recorded, more than a thousand species are rare or endangered species.

The energy and enthusiasm for the City Nature Challenge was amazing, especially from Klang Valley which appeared as the top ten in the world (6<sup>th</sup> place: with 37,916 observations) and top in Asia for observation. Another achievement of Klang Valley team (organized by University Malaya) was that it added the largest number of new species to the region on *iNaturalist* through the City Nature Challenge with 1707 new species. Among cities that participated in 2018 CNC, Klang Valley is 2nd in terms of the increase in observations with 12,629 observations more than the previous year. Besides, Klang Valley is also the city with the most number of species increased.

### **RIMBA PROJECT AND ASTI**

ASTI's role in this collaboration with the Rimba Project were as follows: to initiate invitations to primary and secondary schools within Klang Valley (within the municipality of DBKL, MP Klang, MP Kajang, MP Subang Jaya, MB Petaling Jaya, MP Selayang, MB Shah Alam, MP Ampang Jaya, Perbadanan Putrajaya, MD Sepang).

ASTI approached 22 schools, of which 9 schools participated in the workshop held in Rimba Ilmu Botanic Garden, University of Malaya, 50603 Kuala Lumpur, Federal Territory of Kuala Lumpur on 17<sup>th</sup> and 25<sup>th</sup> April 2019. In this workshop, the Project Manager of the Rimba Project, Mr. Tan Kai Ren gave a full briefing of the competition with a demo on how to participate in this competition. The same schools have taken part in this competition which was held from 26<sup>th</sup> until 29<sup>th</sup> April 2019 with certain bounds of terms and conditions. The participated schools include:

No.	School	Observation	Species	People
	SK Batu Muda	81	56	4
	MAZ Petaling Jaya	502	108	13
	MAZ Shah Alam	305	60	23
	Oxburgh Academy	235	70	14
	SJK (T) Puchong	282	115	14
	SM Seri Cahaya	204	122	13
	SMK USJ 13	21478	1709	200
	Maktab Tentera Diraja	107	25	4
	SJK (T) Vivekananda	1745	130	24
<b>Total</b>		<b>24939</b>	<b>2395</b>	<b>475</b>

A total of 24939 of observation, 2395 species, and 475 students have participated in this competition this year.

### **The Prize Giving Ceremony**

Closing and prize giving ceremony of KV CNC 2019 was held at the same venue as for workshop on 26<sup>th</sup> June 2019. All the schools were presented with plaques and certificates.

For the highest observation category, the winners are as the following:

<b>School</b>	<b>Award</b>	<b>Number of Observation</b>
SMK USJ 13	Gold	21478
SJKT Vivekananda	Silver	1745
MAZ Intl School Shah Alam	Bronze	305

For the most observed species, the winners are as the following:

<b>School</b>	<b>Award</b>	<b>Number of Observation</b>
SMK USJ 13	Gold	1709
SJKT Vivekananda	Silver	130
SM Seri Cahaya	Bronze	108

The most participating students were presented to:

<b>School</b>	<b>Number of Observation</b>
SMK USJ 13	200
SJKT Vivekananda	24
MAZ Intl School Shah Alam	23

Overall, SMK USJ 13 won the “Overall Best School” award whom were presented with trophy.

For the highest observation and highest observed species, top 20 students were awarded with medals and certificates, for each of the categories. All the students and schools that participated were awarded with participating certificates. Certificates of participation were given to all participants with minimum 30 observations saved to school project and abiding by KV CNC time and location constraints. Alda Lim Ying Rong from SMK USJ 13 with 1936 observations, 290 species were awarded as the overall best student.

It has been a great and different experience for ASTI Team to collaborate with the Rimba Project in conducting biodiversity-based activities. Hopefully this collaborative initiative could be continued annually as to diversify more, the choices of ASTI activities in the field of Science, Technology and Innovation.

*Pictures*



Group photo after KV CNC 2019 closing ceremony



Winner for overall category - SMK USJ 13 - KV CNC 2019



Overall best student award- Alda Lim Ying Rong



Group photo with overall category winner-SMK USJ 13 -  
KV CNC 2019



ASSOCIATION OF SCIENCE, TECHNOLOGY & INNOVATION

*Association of Science, Technology and Innovation (ASTI)*

*No.16A, Jalan 21/12, Sea Park, 46300 Petaling Jaya,  
Selangor, Malaysia.*

*Tel: 03-78778571/ 03-78655557*

*Fax: 03-78729551*

*Email: [asti2510@gmail.com](mailto:asti2510@gmail.com)*

**[www.asti.org.my](http://www.asti.org.my)**