

B15
Hands-on Workshops

Workshop title:	Wonder of Taxonomy 4.0 – Amazing Forest
Workshop owner: (Name of School/ Institution/University/Organization)	Centre for Foundation Studies (Sungai Long Campus), Universiti Tunku Abdul Rahman
Description of workshop: (objective, content, etc)	<p><u>Objectives:</u></p> <ol style="list-style-type: none"> 1. To appreciate the importance of forests in water catchment and filtration 2. To demonstrate the occurrence of landslide due to deforestation 3. To learn how to make paper from fungi, instead of wood 4. To share with the public about the importance of life classification <p><u>Content:</u></p> <p>In this new workshop of “Wonder of Taxonomy”, we continue to appreciate the diversity of different life forms such as plants and insects.</p> <p>We will present to the public our latest collection of butterfly, dragonfly, beetle, and other insect specimens.</p> <p>Botanical drawing is a combination of art with botanical study. For the first time, “Wonder of Taxonomy” will display a number of botanical drawings of some local flowering plants. These original drawings are produced by a group of students emphasizing in botanical study.</p> <p>A new segment “<i>Amazing Forest</i>” will be included in this workshop. Two demonstrations will be carried out during the workshop. In the first demonstration, participants will observe the water catchment and filtration by two different soil conditions (with and without plants). Via comparison, we hope to educate the public on the important value of forest as a natural water reservoir and filtration system.</p> <p>In the second demonstration, participants will observe the occurrence of landslide in deforested land. Through this demonstration, we hope to alert the public the importance of vegetations in minimizing soil erosion.</p> <p>Following “<i>Amazing Forest</i>”, participant will be involved in a hands-on segment “<i>Making Mushroom Paper</i>” to learn paper making skill. Instead of cellulose, the paper will be made from chitin fiber found in bracket fungi. Another type of paper will also be made from recycled newspaper. By learning the skill, we hope to share insight with the participants that papers do not necessarily comes from chopping down trees.</p>



