



Agriculture, Fisheries and Conservation Department

Hong Kong Country Parks Education Kit for Secondary Schools

Biodiversity and Evolution (2)

Topics covered:

- How organisms are classified
- Features of the Kingdom Plantae
- Use of a classification key to identify plants

Background information:

It is always better to learn with authentic experience. Touching real plants and investigating real habitats in country parks offer students the opportunity to observe the six kingdoms, especially the Kingdom Plantae.

Teaching objectives

1. To introduce the six kingdoms of organisms, with the focus on the Kingdom Plantae.
2. To enable students to study a given biological key to classify unknown organisms and construct a biological key for sorting a given set of different organisms.

Suggested study mode

Field study

Suggested country park/visitor centre for the field study

- [Aberdeen Country Park Aberdeen Tree Walk](#)
- [Lantau North Country Park Ngong Ping Nature Centre and Fun Walk](#)

Suggested procedures

1. Before the field trip, complete the key-constructing exercise with students on [Worksheet BIO-3](#) , Part A.
2. Take the students to the Tree Walk in the visitor centre.
3. Go to [Worksheet BIO-3](#) , Part B. As you walk along the tree walk, have the students identify the different plants given in the worksheet with the help of the instructions from the interpretation signs. Complete the worksheet.