AHCPCM303A Identify plant specimens

ASSESSMENT TASKS

This unit covers the process of identifying an unknown plant specimen and defines the standard required to: capture relevant morphological features of a plant, record qualitative and quantitative data; use comparative techniques to define progress towards identification; use indications of health, environmental influences and location to assist identification; construct a plant database; document a report of the identification process; name unknown plant specimens.

*ASSESSMENT TASKS*

1. *Plant Id Test*

A plant identification test will be undertaken, 20 species will be available for identification and students are to identify each species and record some key information such as whether it is a weed or an indigenous plant.

1. *Group Plant Health Report*

A group project working together to compile a brief document detailing

* Disease, deficiencies or pests that can affect the health of plants
* Include photographs to show examples of these

1. *Plant Photographic Database*

Compilation of a photographic plant database detailing 30 plants

* Several photographs of each specimen is required to accurately show its key features.
* Key identification features are described.
* Field guides and taxonomic keys are used to determine specimens.
* Details of field guides used will be recorded
* The location of each plant is noted
* Distribution of the plant is described
* Common and Botanical Name
* Family name

1. *Plant Identification Report & Botanical Dictionary*

Document the plant identification process. What are the steps taken to determine a plants identity? What morphological features would you be interested in and why? Should be at least one page detailing the plant identification process.

The botanical dictionary will be a collection of at least 30 common terms defined. Additionally you will include the following labelled drawings detailing:

* the parts of a plant
* flower structure of a typical flower
* Flower structure for 6 families
* Common leaf types and arrangements
* Leaf apex and base shapes
* Common leaf shapes and margins
* Stem structure