



Australian Government

Department of Education, Employment and Workplace Relations

AHCPCM202A Collect, prepare and preserve plant specimens

Release: 1

AHCPM202A Collect, prepare and preserve plant specimens

Modification History

Not Applicable

Unit Descriptor

Unit descriptor	This unit covers the process of collecting, preparing and preserving plant specimens and defines the standard required to: select the most suitable plant specimens for collection; collect and identify each plant specimen; press the plant specimens collected; identify plant specimens and store collection information; store and catalogue specimens correctly.
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Application of the Unit

Application of the unit	This unit applies to the process of collecting, preparing and preserving plant specimens for recording or identification purposes.
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Licensing/Regulatory Information

Not Applicable

Pre-Requisites

Prerequisite units		

Employability Skills Information

Employability skills	This unit contains employability skills.
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Elements and Performance Criteria Pre-Content

Not Applicable

Elements and Performance Criteria

ELEMENT	PERFORMANCE CRITERIA

ELEMENT	PERFORMANCE CRITERIA
1. Collect specimen	1.1. Sample collected is the largest practical to fit on herbarium sheet. 1.2. Sample includes features required for positive identification, e.g., flowers and fruit, leaves and roots. 1.3. Particular features are collected following enterprise procedures or guidelines. 1.4. Observations regarding locality, habit of plant, etc., are recorded following enterprise procedure. 1.5. Individual specimens are clearly identified in a manner that allows them to be linked to observations.
2. Press plants	2.1. Samples are protected from wilting until pressing following enterprise procedures. 2.2. Specimens are arranged on sheets following enterprise guidelines for pressing. 2.3. Specimens are pressed correctly following established guidelines. 2.4. Archival specimens are attached to suitable material with observations attached following established material. 2.5. Specimens to be submitted for identification are packed following established procedures, including all data from collection observations as required by herbarium.
3. Record data	3.1. All data relating to specimens is recorded and catalogued correctly following enterprise procedures.

Required Skills and Knowledge

REQUIRED SKILLS AND KNOWLEDGE

This section describes the skills and knowledge required for this unit.

Required skills

- collect specimen
- press plant
- record and catalogue data
- use literacy skills to follow sequenced written instructions and record information accurately and legibly

REQUIRED SKILLS AND KNOWLEDGE

- use oral communication skills/language competence to fulfil the job role as specified by the organisation including questioning, active listening, asking for clarification and seeking advice from supervisor
- use numeracy skills to estimate, calculate and record routine workplace measures
- use interpersonal skills to relate to people from a range of social, cultural and ethnic backgrounds and with a range of physical and mental abilities.

Required knowledge

- recognition of plants to be collected
- legislative limitations on the collection of flora (including threatened species).

Evidence Guide

EVIDENCE GUIDE

The evidence guide provides advice on assessment and must be read in conjunction with the performance criteria, required skills and knowledge, range statement and the Assessment Guidelines for the Training Package.

Overview of assessment

Critical aspects for assessment and evidence required to demonstrate competency in this unit

The evidence required to demonstrate competency in this unit must be relevant to workplace operations and satisfy holistically all of the requirements of the performance criteria and required skills and knowledge and include achievement of the following:

- select the most suitable plant specimens for collection
- collect and identify each plant specimen
- press the plant specimens collected
- identify plant specimens and store collection information
- store and catalogue specimens correctly.

Context of and specific resources for assessment

Competency requires the application of work practices under work conditions. Selection and use of resources for some worksites may differ due to the regional or enterprise circumstances.

Range Statement

RANGE STATEMENT

The range statement relates to the unit of competency as a whole.

Plant specimens may include:

all forms of plant life including:

- trees
- shrubs
- ground covers
- herbs
- epiphytes
- saprophytes.

Unit Sector(s)

Unit sector	Plants
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Co-requisite units

Co-requisite units		

Competency field

Competency field	
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