Modification history

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| Release | Comments |
| Release 2 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 3.0. |
| Release 1 | This version released with AHC Agriculture, Horticulture and Conservation and Land Management Training Package Version 1.0. |

| AHCPCM202 | Collect, prepare and preserve plant specimens  |
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| Application | This unit of competency describes the skills and knowledge required to collect, prepare and preserve plant specimens for recording or identification purposes.The unit applies to individuals working in a broad range of job contexts who undertake defined routine activities under supervision. They exercise limited autonomy within established and well known parameters, providing solutions to a limited range of predictable problems.No occupational licensing, legislative or certification requirements are known to apply to this unit at the time of publication. |
| Prerequisite Unit | Nil |
| Unit Sector | Plants culture and management (PCM) |

| Elements | Performance Criteria |
| --- | --- |
| Elements describe the essential outcomes. | Performance criteria describe the performance needed to demonstrate achievement of the element. |
| 1. Collect plant specimens | 1.1 Collect plant specimen according to workplace requirements1.2 Ensure the sample includes sufficient plant parts required for positive identification 1.3 Observe plant characteristics and record observations according to workplace procedures 1.4 Ensure congruence of specimens and observations by accurate labelling according to workplace procedures |
| 2. Preserve plant specimens | 2.1 Store collected plant specimens to prevent degradation until they can be preserved according to workplace procedures2.2 Identify and select an appropriate preservation technique according to workplace requirements2.3 Prepare and arrange specimens for preserving according to preservation technique and workplace procedures2.4 Preserve the specimen according to selected preservation technique2.5 Arrange and mount the preserved specimen and observation records according to workplace procedures 2.6 Package the specimens and submit for identification according to workplace procedures |
| 3. Record and catalogue specimen | 3.1 Record and catalogue specimen information according to workplace procedures |

| Foundation SkillsThis section describes those language, literacy, numeracy and employment skills that are essential for performance in this unit of competency but are not explicit in the performance criteria. |
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| Skill | Description |
| Writing | * Uses clear and appropriate language and terminology to ensure clarity of meaning when recording data and characteristics of plant specimens
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| Navigate the world of work | * Complies with explicit policies and procedures.
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| Get the work done | * Plans and implements routine tasks and workload seeks assistance in setting priorities
* Uses the main features and functions of digital tools to record plant data
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| Unit Mapping Information |
| Code and title current version | Code and title previous version | Comments | Equivalence status |
| AHCPCM202 Collect, prepare and preserve plant specimens | AHCPCM202A Collect, prepare and preserve plant specimens | Updated to meet Standards for Training PackagesMinor changes to Performance Criteria for clarity | Equivalent unit |

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| Links | Companion Volumes, including Implementation Guides, are available at VETNet: https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=c6399549-9c62-4a5e-bf1a-524b2322cf72 |

| TITLE | Assessment requirements for AHCPCM202 Collect, prepare and preserve plant specimens |
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| Performance Evidence |
| An individual demonstrating competency must satisfy all of the elements and performance criteria in this unit. There must be evidence that the individual has demonstrated that they have collected and preserved plant specimens for identification including:* collected representative parts of plant specimens and characteristic data sufficient for identification purposes
* determined a plant preservation technique
* arranged and preserved plant specimens according to procedures
* arranged and mounted preserved specimens with observation records ready for identification
* packaged specimens with observation data and submitted for identification
* recorded and catalogued specimen information according to workplace procedures.
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| Knowledge Evidence |
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| An individual must be able to demonstrate the knowledge required to perform the tasks outlined in the elements and performance criteria of this unit. This includes knowledge of: * basic botanical requirements for plant identification purposes
* principles and practices of collecting plant materials
* characteristics of plants to be collected and recognising suitable specimens for collection
* storing plant specimens before preservation to maintain specimen integrity
* plant preservation techniques and the agencies and organisations that use them
* records and recording systems for plant collections and plant data.
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| Assessment Conditions |
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| Assessment of skills must take place under the following conditions: * physical conditions:
* skills must be demonstrated in a workplace setting or an environment that accurately represents workplace conditions
* resources, equipment and materials:
* live plant materials to be collected from the field
* equipment and materials required for preserving and mounting plant specimens
* specifications:
* use of workplace procedures and processes for preserving plants
* use of workplace instructions and specifications for preserved plants
* records and recording systems for plants

Assessors of this unit must satisfy the requirements for assessors in applicable vocational education and training legislation, frameworks and/or standards. |

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