



Australian Government

Assessment Requirements for ACMCAN502 Develop and monitor collection management

Release: 1

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Modification History

Release	Comments
Release 1	This version released with ACM Animal Care and Management Training Package Version 1.0.

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 developed and monitored a minimum of one collection management plan, including:

- initiated and carried out analyses of species management and collection planning
- interpreted and completed analyses of studbooks
- wrote and interpreted a strategic plan for a regional population of a species
- liaised extensively with internal and external personnel on behalf of the institution in respect to collection planning
- managed animal records and provided reports to management as required.

Knowledge Evidence

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:

- principles and practices for developing and monitoring collection management
- animal husbandry manual requirements
- animal identification to the sub-species level
- animal management software, such as Animal Records Keeping System (ARKS), International Species Information System (ISIS), Regional Animal Species Collection Plan (REGASP) and Single Population Analysis and Records Keeping System (SPARKS)
- Australasian Species Management Program (ASMP) and ASMP Regional Census and Plan
- ASMP guidelines and criteria for studbook keeping
- biology and husbandry of animals in a captive animal environment
- breeding control methods
- collection planning requirements
- concepts of inbreeding and outbreeding

- international agreements and conventions, including the World Zoo Conservation Strategy and the International Union for Conservation of Nature and Natural Resources conservation status categories
- database programs for recordkeeping and data analysis
- genetic principles for the management of captive animal populations
- importance of breeding coefficients
- institutional collection planning policies and procedures, institutional master plan and other relevant policies and procedures
- principles and constraints of wildlife conservation
- principles of animal welfare and ethics
- principles of taxonomy and relevance to population management
- relevant international, federal and state or territory legislation and codes of practice
- report formats for captive animal management plans
- role of the Zoo and Aquarium Association
- small population biology
- species stocking policies.

Assessment Conditions

Assessment of skills must take place under the following conditions:

- physical conditions:
 - a workplace or an environment that accurately reflects a real workplace setting
- resources, equipment and materials:
 - equipment and resources appropriate to work undertaken in an animal care environment
 - studbooks and husbandry manuals
- specifications:
 - access to organisational policies and procedures
- relationships (internal and/or external):
 - interactions with team members
 - interactions with management.

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

Links

Companion Volumes, including Implementation Guides, are available at VETNet: - <https://vetnet.education.gov.au/Pages/TrainingDocs.aspx?q=b75f4b23-54c9-4cc9-a5db-d3502d154103>